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September 28, 2010

Mr. Joseph T. Martella II, Senior Engineer
RIDEM Office of Waste Management
Site Remediation Program
235 Promenade Street
Providence, RI 02908

RE: Data Summary Report
Parcel C Groundwater Investigation
Former Gorham Manufacturing Facility
333 Adelaide Avenue, Providence, Rhode Island
MACTEC Project No. 3650100169.04

Dear Mr. Martella:

On behalf of Textron, this letter summarizes the recently completed installation of monitoring wells and the collection of groundwater samples from locations on Parcel C of the Former Gorham Manufacturing Site in Providence, Rhode Island (Figures 1 and 2). These activities were performed to supplement prior groundwater investigation at the former Gorham site and were conducted in accordance with the work plan dated July 7, 2010.

BACKGROUND

Extensive groundwater investigations throughout the upland portions of the Site and Mashapaug Cove (Figure 2) have been conducted in the past. Groundwater plumes include: a former Building W tetrachloroethene (PCE) release at the south end of the Site, trichloroethane/trichloroethene (TCA/TCE) release immediately south of the retail building (DP-2), PCE release immediately south of the retail building (DP-4/MW-228S) and Parcel C PCE release (MW-C). All of the groundwater plumes had been delineated both vertically and horizontally, except for the Parcel C PCE groundwater plume. Based on the discussions between Textron, Inc. and the Rhode Island Department of Environmental Management (RIDEM) on April 27, 2010 the Parcel C groundwater plume had not been fully delineated and additional investigation was necessary in order to complete the groundwater investigation activities for the Site.

MACTEC Engineering and Consulting, Inc.
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www.mactec.com

SITE PREPARATION ACTIVITIES

A work plan was submitted to RIDEM on July 07, 2010 for the Parcel C groundwater investigation. MACTEC Engineering and Consulting, Inc. (MACTEC) contacted Dig-Safe to mark underground utilities prior to conducting these investigations. In addition, MACTEC distributed written notification of the proposed work to RIDEM, the Site abutters, stakeholders and building owner/occupants on July 8, 2010 prior to conducting the field work. These notifications were issued in both English and Spanish. All of these documents have been posted by RIDEM on their project website.

WORK ACTIVITIES CONDUCTED, GROUNDWATER INVESTIGATION

MACTEC and its subcontractor, Geologic, Inc. of Norfolk, Massachusetts installed a total of 6 monitoring wells. Three shallow monitoring wells (MW-238S, MW-239 and MW-240) were installed with a direct push drill rig (Geoprobe®). MACTEC and Geologic attempted to install the 3 deep groundwater wells using the direct push rig, but due to the silty fine sand at deeper intervals we revised the approach to use a drive and wash technique to install MW-238D, MW-241 and, MW-242 (Figure 2).

Shallow well locations were selected based on historical soil gas investigation results by GZA Environmental (GZA, 2003) and historical groundwater data at MW-C, MW-D, MW-E and MW-FS collected between 1989 and 1998 (MACTEC, 2006). A line of 3 shallow wells was installed on July 14, 2010 that correspond with detections of volatile organic compounds (VOCs) in the groundwater monitoring wells and the grid of GZA soil gas investigation points. Based on this historical groundwater data, the 3 shallow wells were installed to a depth of 30 feet below ground surface (bgs) with screen locations at 20-30 feet bgs (MW-238S, MW-239 and MW-240).

Three deep wells were also installed to a depth of 70 feet bgs between July 22 and 26, 2010. MW238D and MW-242 were installed to bound the previously identified groundwater plume from the 2009-2010 groundwater investigations. MW-241 was installed to replace MW-111D that was found to be plugged with soil. MW -111D was historically non-detect for VOCs, but has not been sampled since 1994. This would give 3 point delineation at the western end of the deep plume. These deep well screens were set from 60-70 feet bgs based on historical well data and recent groundwater investigations conducted between 2009 and February 2010.

The six new monitoring wells were 2-inch diameter wells with 10 feet slotted polyvinyl chloride (PVC) screens with PVC risers and were completed with a cast iron guard pipe. Appendix A includes the monitoring well installation diagrams. The new monitoring wells were developed using a submersible pump with a minimum of five well volumes taken out to remove any silt and fine sand that may have entered through the well screen slots. Due to a low water table (unseasonably dry summer), the standing volume of water in the shallow wells was not sufficient enough to remove the entire amount of silt inside the well. Therefore, approximately 7 to 9 gallons of bottled distilled water was added to each shallow monitoring well to help aid in the removal of the silt. Well development was considered finished for these shallow wells when either 5 well volumes (plus the amount of water added to the well) were purged out or if the well went completely dry. Appendix B includes the field data records for monitoring well development.

Locations of the new monitoring wells were determined with GPS. Top of casing elevations were surveyed by MACTEC with a level using an existing benchmark ('X' cut on the fire hydrant between the retail complex and the school, elevation = 67.39 feet). See Table 1 for top of casing elevations for the new monitoring wells and existing monitoring wells, which were also sampled during this investigation for comparison to 2009-2010 groundwater data.

The six new wells (MW-2385, MW-238D, MW-239, MW-290, MW-241, and MW-242) and 2 existing wells (MW-236S/D) were sampled August 9 and 10, 2010 using U.S. Environmental Protection Agency (USEPA) low-flow sampling methodology. Due to the lack of volume of water inside and/or slow recharge, monitoring wells MW-238S and MW-240 were sampled with a disposable polyethylene bailer. These groundwater samples were submitted under a chain-of-custody for off-site laboratory analysis of VOCs (USEPA Method 8260B). Field data records for groundwater sampling are included in Appendix C. In addition, the water levels in the 6 new wells and 5 existing wells on site were measured to verify groundwater flow directions at the Site. See Table 1 for groundwater elevations in the existing and new monitoring wells and Figure 2 for the monitoring well locations.

RESULTS

The off-site analytical lab reports for the groundwater samples are found in Appendix D. Table 2 summarizes the detected VOC concentrations found during the August 2010 groundwater sampling event. These groundwater data complete the horizontal and vertical delineation of impacted groundwater at the Site.

Groundwater Flow

Gauging of the groundwater levels at the 6 new wells and 5 existing wells in the northern corner of Parcel C was conducted on August 9 and 10, 2010. The depth to groundwater was observed to be approximately 19 to 25 feet bgs in the upland area of Parcel C and 4 feet bgs along the shoreline. The groundwater elevation data presented in Table 1 confirm that groundwater flow is north-northeast towards the Mashapaug Inner Cove. The gradient is approximately 0.004 feet/feet. The groundwater flow direction is consistent with previous investigations reported by MACTEC.

Groundwater Data August 2010

The groundwater sampling and analytical results of the 4 shallow and 4 deep groundwater wells are shown in Table 2. Figures 3 through 10 present the shallow and deep groundwater plumes for the four primary VOCs found at the former Gorham Site (1,1,1-TCA, PCE, TCE and cis 1,2-DCE) based on the most recent data collected (2006 – 2010). As indicated in the legend of these figures, each groundwater and sediment sample location is identified. A blue circle indicates the compound is not detected in groundwater. A yellow circle indicates the compound is detected in groundwater and the size of the circle indicates relative concentration. For sediment, a blue triangle indicates the compound is not detected and a yellow triangle indicates the compound was detected. The detected concentration in milligrams per kilogram (mg/kg) is included with the sediment sample identification number. These figures also outline the approximate horizontal boundary of the groundwater plumes for each of the four compounds in both the shallow (water table) and deep depths across the Site.

The following discussion will focus on the nature and extent of Parcel C groundwater plume and the new monitoring well data. At least one VOC was detected in each of the eight monitoring wells sampled. These include chloroform and methylene chloride with estimated values that may be related to laboratory contamination. None of the concentrations in samples from new

monitoring wells exceeded published RIDEM GB groundwater criteria. Only MW-236S (existing well) continues to show elevated concentrations of TCE above GB criteria (793/821 µg/L vs. 540 µg/L). This monitoring well is located within 50 feet of the Inner Cove and contains the highest concentrations of TCE and cis 1,2-DCE on the western portion of the Site.

1,1,1-TCA was not found on Parcel C, but was detected again in MW-236S along the Inner Cove. 1,1,1-TCA was not found in the deep groundwater plume along this western portion of the Site.

PCE was detected in the shallow wells, but was not detected in the deep monitoring wells. TCE was elevated in MW-238S at 262 micrograms per liter (µg/L), but below GB criteria (540 µg/L), while all other detections of TCE were at or below 16 µg/L (method reporting limit [MRL] of 10 µg/L). Excluding MW-236S/D, detected PCE concentrations ranged from 3.5 to 10.7 µg/L, TCE concentrations ranged from 0.6 to 262 µg/L and cis 1,2-DCE concentrations ranged from 3.6 to 27.8 µg/L.

Parcel C Groundwater Plume

In order to present a complete summary of the Site groundwater data, this August 2010 groundwater data was merged with the historical data (2006 – 2010), presented in the April 7, 2010 Data Summary Report to RIDEM, to include groundwater and surface water data for the entire Site. Figures 3 through 10 present the shallow and deep groundwater plumes for the four primary VOCs found at the former Gorham Site (1,1,1-TCA, PCE, TCE and cis 1,2-DCE). However, the following discussion will focus on the nature and extent of Parcel C groundwater, the objective of this work plan.

Based on our review of the Site data, the source of the PCE release was located in the northern portion of Parcel C at the water table. This plume flows northeasterly towards Mashapaug Inner Cove while migrating down to a depth of 35 feet bgs before it discharges into the Inner Cove and degrades within the sediment.

As shown in Figure 5, monitoring wells MW-C, MW-240, MW-239 and MW-238S complete the delineation of the shallow PCE plume. PCE concentrations range from 3.5 to 18.2 µg/L around the boundary of this shallow plume. As shown in Figure 6, monitoring wells MW-241 and MW-238D complete the delineation of the deep PCE groundwater plume. PCE concentrations range

from ND to 36.7 µg/L around the boundary of this plume.

As the Parcel C plume migrates to the northeast the PCE degrades into TCE and cis 1,2-DCE. Figure 7 shows that the southern extent of the shallow TCE plume is bound by monitoring wells MW-240, MW-239 and MW-238S with concentrations ranging from 1.2 to 262 µg/L (MW-238S). It should be noted that the soil gas points installed and sampled by GZA in 2002 along the southern boundary of the shallow PCE/TCE plume are consistent with our groundwater data. The deep TCE plume is bound on the south by monitoring wells MW-242 and MW-238D (Figure 8) with concentrations ranging from 0.6J to 1.2 µg/L. The southern extent of shallow cis 1,2-DCE is bound by monitoring wells MW-C, MW-240 and MW-238S (Figure 9) with concentrations ranging from 12.2 to 17.5 µg/L and the deep plume is bound by MW-241 and MW-238D (Figure 10) ranging in concentration from ND to 27.8 µg/L.

CONCLUSIONS

We have completed the investigation of Parcel C groundwater in accordance with the approved work plan dated July 7, 2010. The objective of this investigation was to complete the nature and extent of the groundwater plume in the northern area of Parcel C. All of the groundwater data on Parcel C are below RIDEM GB criteria such that the horizontal and vertical extent of groundwater contamination has been delineated.

Based on the Site data collected between 2006 and 2010 we have updated the Site groundwater plume figures for the four primary VOCs found on site (Figures 3 through 10). TCE was elevated in MW-238S at 262 µg/L while all other detections were at or below 16 µg/L (MRL of 10 µg/L). 111-TCA was ND in all 3 new shallow wells. These data also confirmed that the Parcel C VOC plumes are undergoing biodegradation as they migrate northeast towards the Mashapaug Inner Cove.

The deep groundwater plume figures confirmed that the TCE and DCE are clearly bounded at MW-238D and MW-242. MW-241 has been used to delineate the VOC plumes closer to the Inner Cove. 1,1,1-TCA and PCE were non-detect in samples from the three new deep groundwater wells. No concentrations in samples from these three new deep wells exceeded the GB standard for any VOCs.

PROPOSED ACTIONS

The groundwater investigation has now been completed for the Site. Textron would like to schedule a meeting with RIDEM to review these data, the plume delineation and provide a more detailed presentation of the Site data and conceptual site model (CSM). Based on these discussions, Textron and RIDEM can plan a path and schedule forward for groundwater remediation.

Sincerely,
MACTEC Engineering and Consulting, Inc.

David E. Heislein
Project Manager

Michael Murphy
Senior Principal Scientist

Attachments: Tables 1 and 2
Figures 1 through 10
Appendix A Monitoring Well Diagrams
Appendix B Well Development Records
Appendix C Groundwater Sampling Records
Appendix D ESS Laboratory Reports *(provided on CD)*

cc: T. Deller, City of Providence
R. Mack, EA Engineering, Science, and Technology
T. O'Connor, VHB
A. Rose, Environmental Justice League of RI
G. Simpson, Textron, Inc. (Electronic)
Knight Memorial Library Repository
MACTEC Project File
[P:\3650100169 - Textron Gorham - Parcel C\4.0 Project Deliverables\4.1 Reports\Parcel C YMCA\Final Parcel C Rpt GW Inv_ 092810 .doc]

TABLES

Table 1: TOC Elevations and Groundwater Elevations (August 9, 2010)
Parcel C GW Investigation
333 Adelaide Avenue
Providence, Rhode Island

Well ID	Top of Riser (ft)[1]	Depth To Water (ft)	Groundwater Elevation (ft)
MW-236S	44.86	5.70	39.16
MW-236D	44.38	5.15	39.23
MW-237D	41.49	2.67	38.82
MW-238S	69.41	30.00	39.41
MW-238D	69.21	29.45	39.76
MW-239	67.48	27.94	39.54
MW-240	68.87	29.21	39.66
MW-241	63.45	23.87	39.58
MW-242	65.83	26.42	39.41
MW-C	63.70	24.72	38.98
MW-D	60.44	21.28	39.12

Notes:
[1] = Existing benchmark ('X' cut on fire hydrant between the retail complex and the school) was used for the elevation control. Benchmark is 67.39 ft.

Prepared by: MAM 9/10/10
Checked by: BJR 9/10/10

Table 2
Summary of Groundwater Analytical Results - August 2010
Former Gorham Manufacturing Facility
Providence, Rhode Island

parameter_name	GB (mg/L)	Frequency of Detection	Range of Reporting Limits for Non Detects	Range of Detected Concentrations	Average of All Samples	GWMW 236D 8/9/2010	GWMW236S 8/9/2010	GWMW236S DUP 8/9/2010	GWMW238D 8/10/2010
Volatile Organics (mg/L)									
1,1,2-Trichloroethane		5 / 9	0.001 : 0.001	0.0004 - 0.0031	0.001144	0.0013	0.0029	0.0031	0.001 U
1,1-Dichloroethene	0.007	5 / 9	0.001 : 0.001	0.001 - 0.0061	0.002089	0.0013	0.0061	0.0061	0.001 U
1,2-Dichloroethane	0.11	5 / 9	0.001 : 0.001	0.0003 - 0.002	0.0008	0.0006 J	0.002	0.0018	0.001 U
Benzene	0.14	4 / 9	0.001 : 0.001	0.0002 - 0.0007	0.000489	0.0004 J	0.0006 J	0.0007 J	0.001 U
Bromodichloromethane		1 / 9	0.0006 : 0.0006	0.0041 - 0.0041	0.000722	0.0006 U	0.0006 U	0.0006 U	0.0006 U
Chloroform		6 / 9	0.001 : 0.001	0.0004 - 0.0215	0.003067	0.001 U	0.001 U	0.001 U	0.0004 J
cis-1,2-Dichloroethene	2.4	7 / 9	0.001 : 0.001	0.0036 - 0.098	0.035156	0.0629	0.098	0.0948 D	0.001 U
Dibromochloromethane		1 / 9	0.001 : 0.001	0.0009 - 0.0009	0.000544	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride		3 / 9	0.004 : 0.004	0.0002 - 0.0006	0.001478	0.004 U	0.004 U	0.004 U	0.0005 J
Tetrachloroethene	0.15	4 / 9	0.001 : 0.001	0.0035 - 0.0107	0.003978	0.001 U	0.0095	0.0096	0.001 U
trans-1,2-Dichloroethene	2.8	2 / 9	0.001 : 0.001	0.0006 - 0.0007	0.000533	0.001 U	0.0006 J	0.0007 J	0.001 U
Trichloroethene	0.54	9 / 9		0.0006 - 0.821	0.242789	0.0522	**0.793 D**	**0.821 D**	0.0012
Trihalomethanes, Total		1 / 9	0.0036 : 0.0036	0.0264 - 0.0264	0.004533	0.0036 U	0.0036 U	0.0036 U	0.0036 U
Vinyl chloride		5 / 9	0.001 : 0.001	0.0003 - 0.002	0.000844	0.002	0.0014	0.0014	0.001 U

mg/L - milligram per liter
U - not detected value is the detection limit
J - value is estimated
D - result for an diluted analysis
Shaded-bold value exceeds RIDEM GB criteria

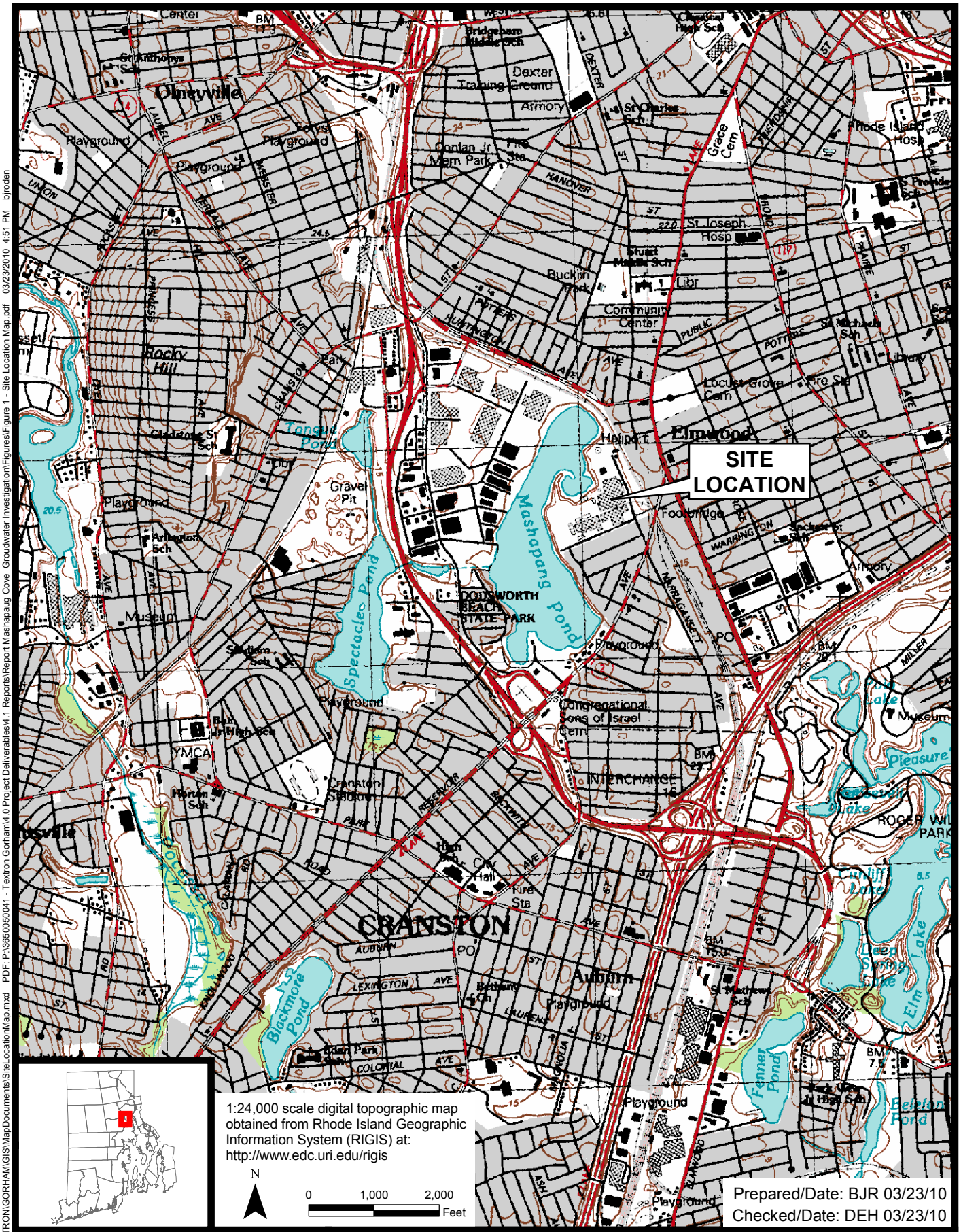
Table 2
Summary of Groundwater Analytical Results - August 2010
Former Gorham Manufacturing Facility
Providence, Rhode Island

parameter_name	GWMW238S 8/10/2010	GWMW239 8/9/2010	GWMW240 8/9/2010	GWMW241 8/10/2010	GWMW242 8/10/2010
Volatile Organics (mg/L)					
1,1,2-Trichloroethane	0.0004 J	0.001 U	0.001 U	0.0006 J	0.001 U
1,1-Dichloroethene	0.001	0.001 U	0.001 U	0.0023	0.001 U
1,2-Dichloroethane	0.0005 J	0.001 U	0.001 U	0.0003 J	0.001 U
Benzene	0.001 U	0.001 U	0.001 U	0.0002 J	0.001 U
Bromodichloromethane	0.0006 U	0.0006 U	0.0041	0.0006 U	0.0006 U
Chloroform	0.0019	0.001 J	0.0215	0.0008 J	0.0005 J
cis-1,2-Dichloroethene	0.0161	0.0036	0.0122	0.0278	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.0009 J	0.001 U	0.001 U
Methylene chloride	0.0006 J	0.004 U	0.004 U	0.004 U	0.0002 J
Tetrachloroethene	0.0107	0.001 U	0.0035	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.262 D	0.0012	0.0089	0.245 D	0.0006 J
Trihalomethanes, Total	0.0036 U	0.0036 U	0.0264	0.0036 U	0.0036 U
Vinyl chloride	0.0003 J	0.001 U	0.001 U	0.0005 J	0.001 U

mg/L - milligram per liter
U - not detected value is the detection limit
J - value is estimated
D - result for an diluted analysis
Shaded-bold value exceeds RIDEM GB criteria

Prepared by / Date: KJC 08/25/10
Checked by / Date: DEH 08/26/10

FIGURES

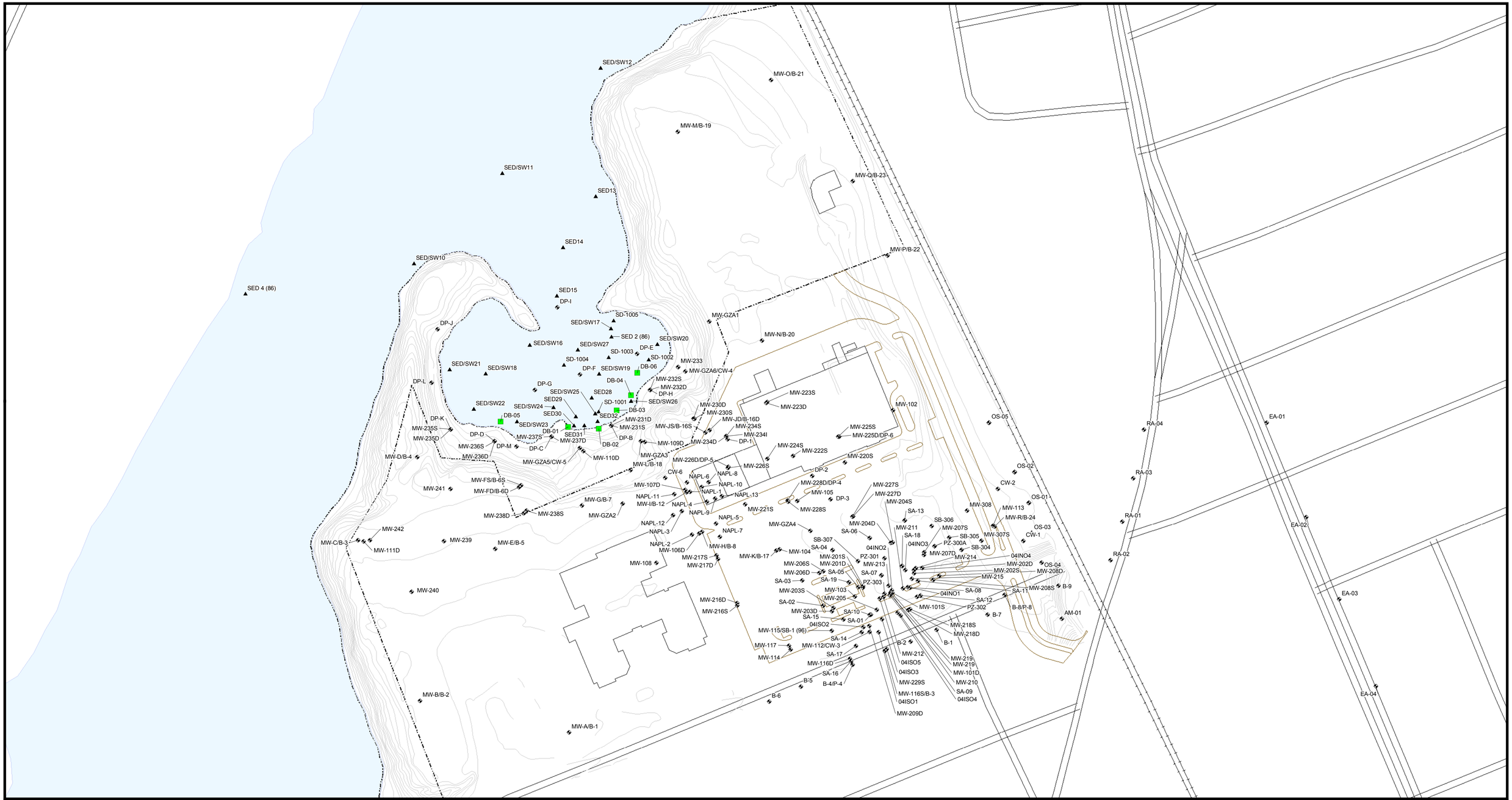


Supplemental SI
Former Gorham Manufacturing Site
Providence, Rhode Island

MACTEC

Site Location Map
Project 3650-05-0041
Figure 1

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\SiteLocationMap.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 1 - Site Location Map.pdf 03/23/2010 4:51 PM bjroden



Legend

- Diffusion Bag Sample Point
- Sediment Sample Location
- Groundwater Sample Location
- Elevation Contour
- Railroad
- Pavement
- Park Parcel Boundary

0 50 100 Feet

N

Prepared by BJR | Checked by DEH

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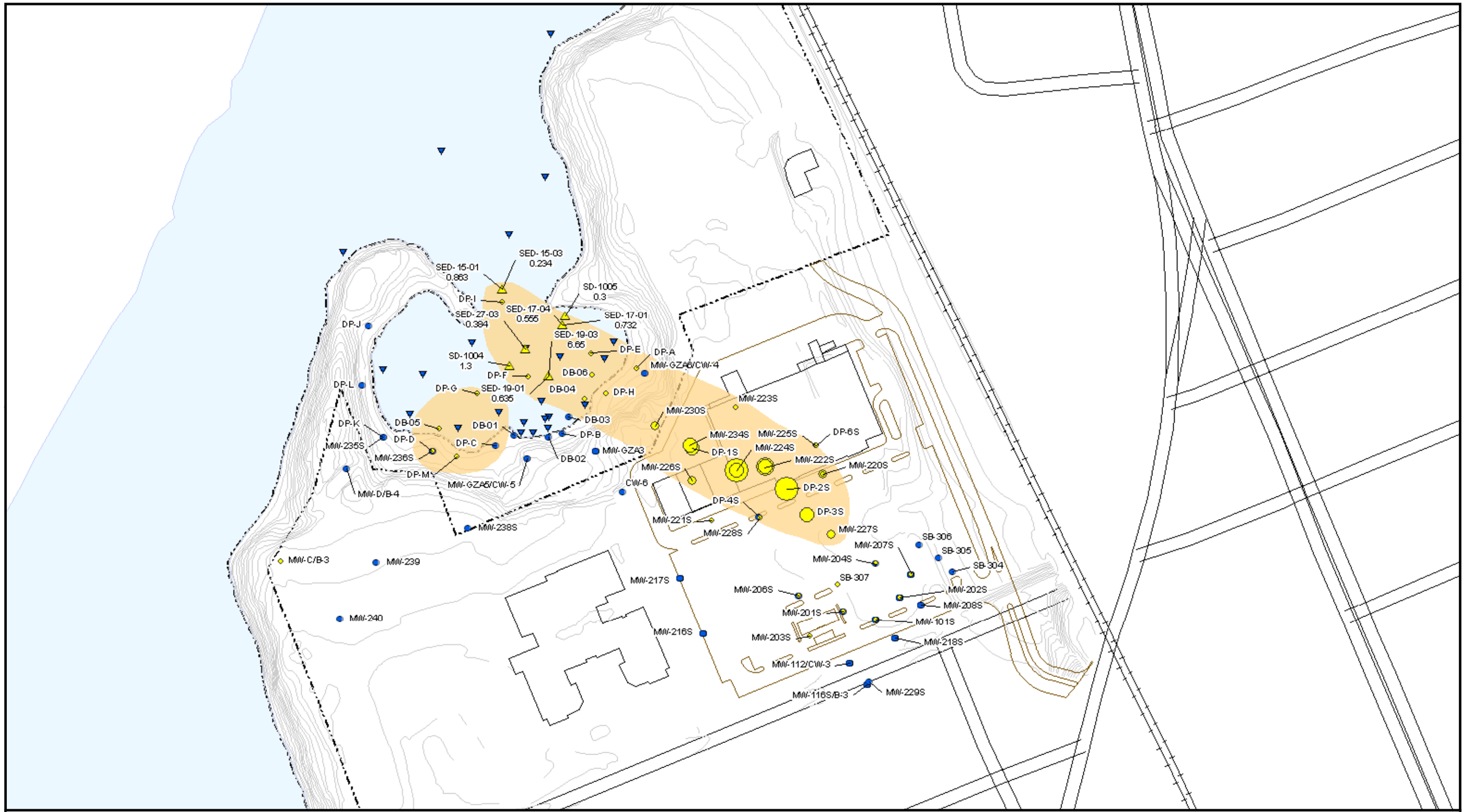
Figure 2
Groundwater, Surface Water and Sediment Sample Locations

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.



Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

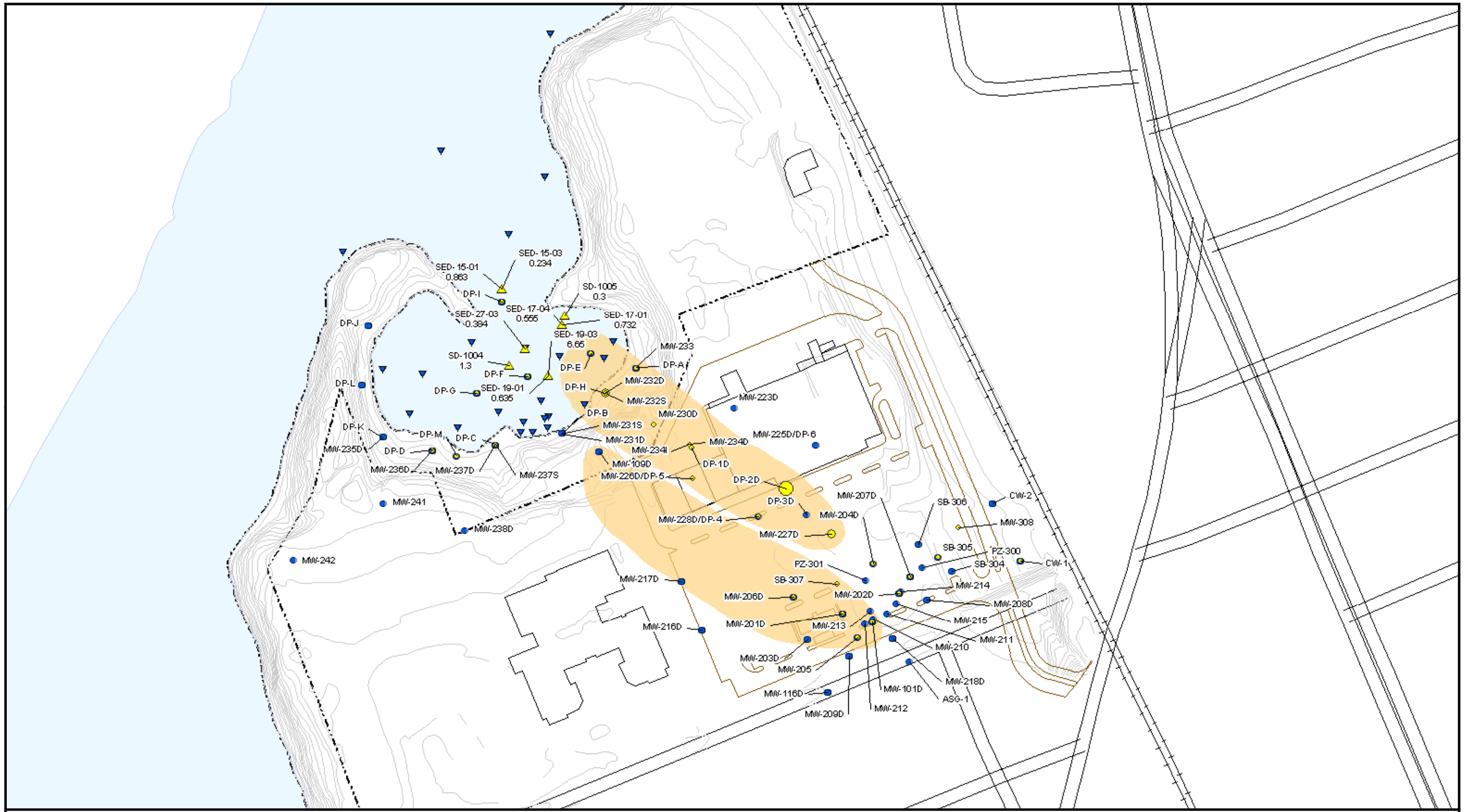
- 111TCA Detected in Sediment
- 111TCA Not Detected in Sediment
- 111TCA Not Detected in Groundwater
- Approximate Plume Boundary
- 111TCA Concentration 0 - 0.2 mg/L
- 111TCA Concentration 0.2 - 1 mg/L
- 111TCA Concentration 1 - 5 mg/L
- 111TCA Concentration 5 - 10 mg/L
- 111TCA Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 3
1,1,1-Trichloroethane (111TCA) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 3 - 111TCA Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 08/27/2010 7:25 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

- 111TCA Detected in Sediment
- 111TCA Not Detected in Sediment
- 111TCA Not Detected in Groundwater
- Approximate Plume Boundary
- 111TCA Concentration 0 - 0.2 mg/L
- 111TCA Concentration 0.2 - 1 mg/L
- 111TCA Concentration 1 - 5 mg/L
- 111TCA Concentration 5 - 10 mg/L
- 111TCA Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 4
1,1,1-Trichloroethane (111TCA) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

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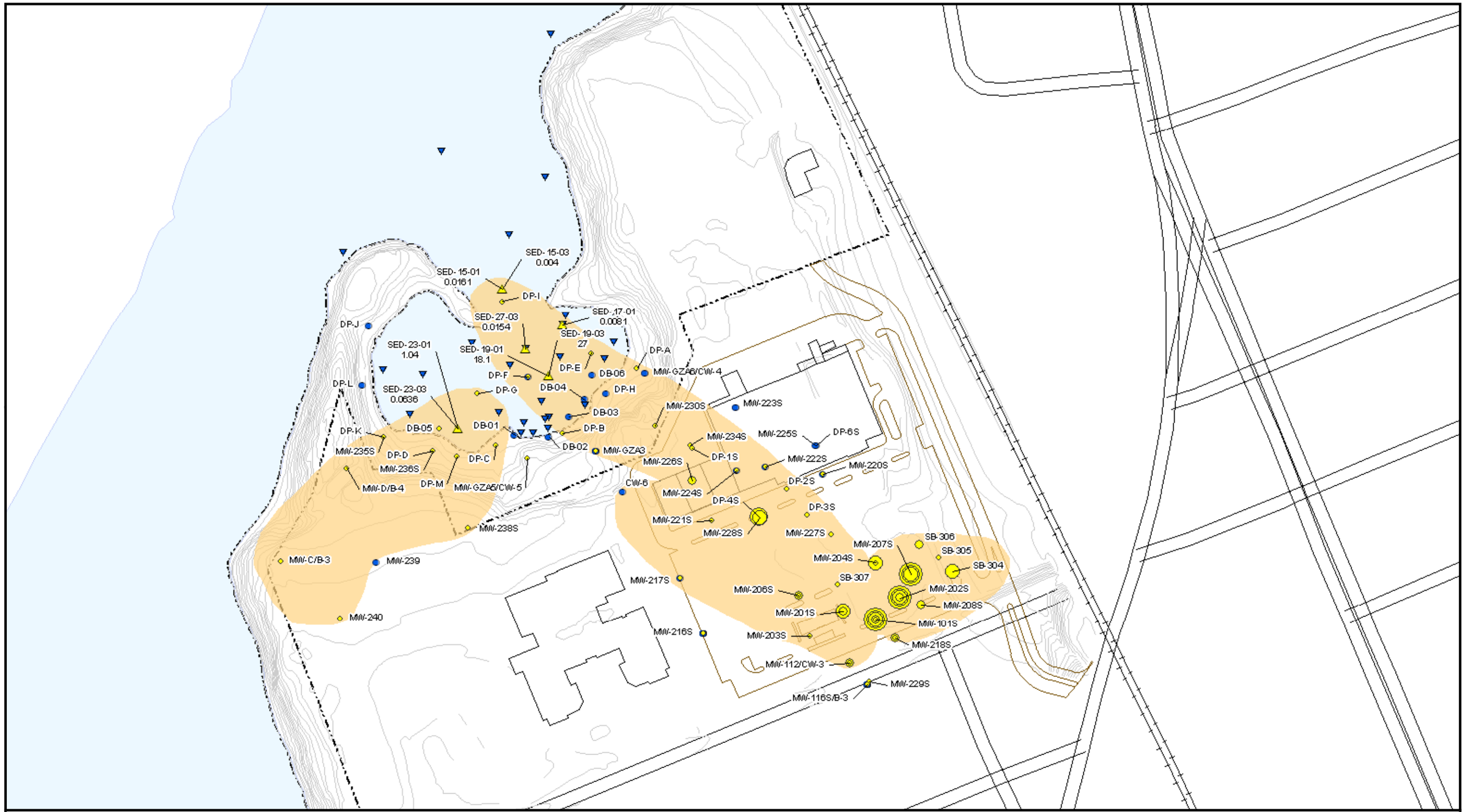


Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

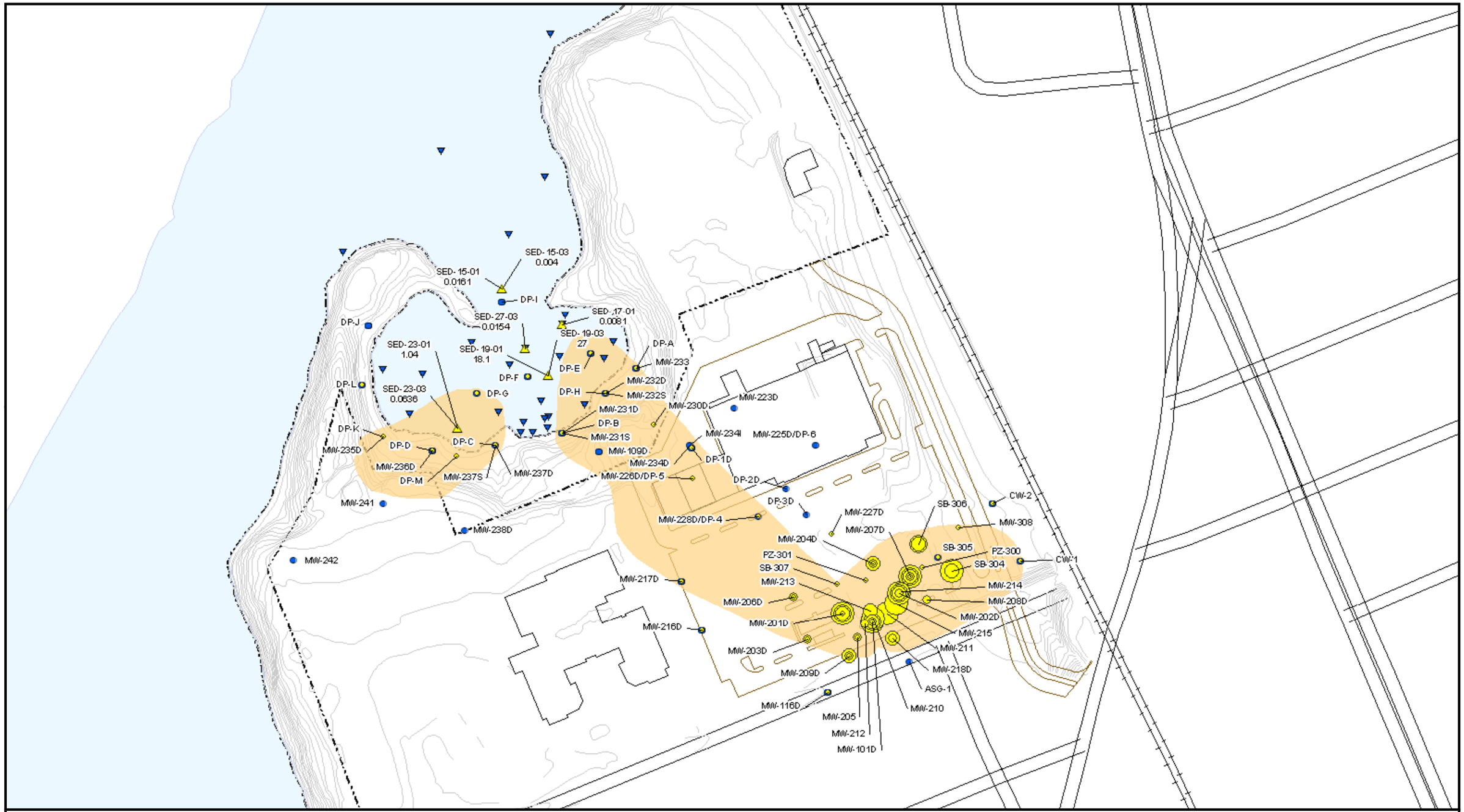
- PCE Detected in Sediment
- PCE Not Detected in Sediment
- PCE Not Detected in Groundwater
- Approximate Plume Boundary
- PCE Concentration 0 - 0.2 mg/L
- PCE Concentration 0.2 - 1 mg/L
- PCE Concentration 1 - 5 mg/L
- PCE Concentration 5 - 10 mg/L
- PCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 5
Tetrachloroethene (PCE) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 5 - PCE Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 08/27/2010 7:37 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

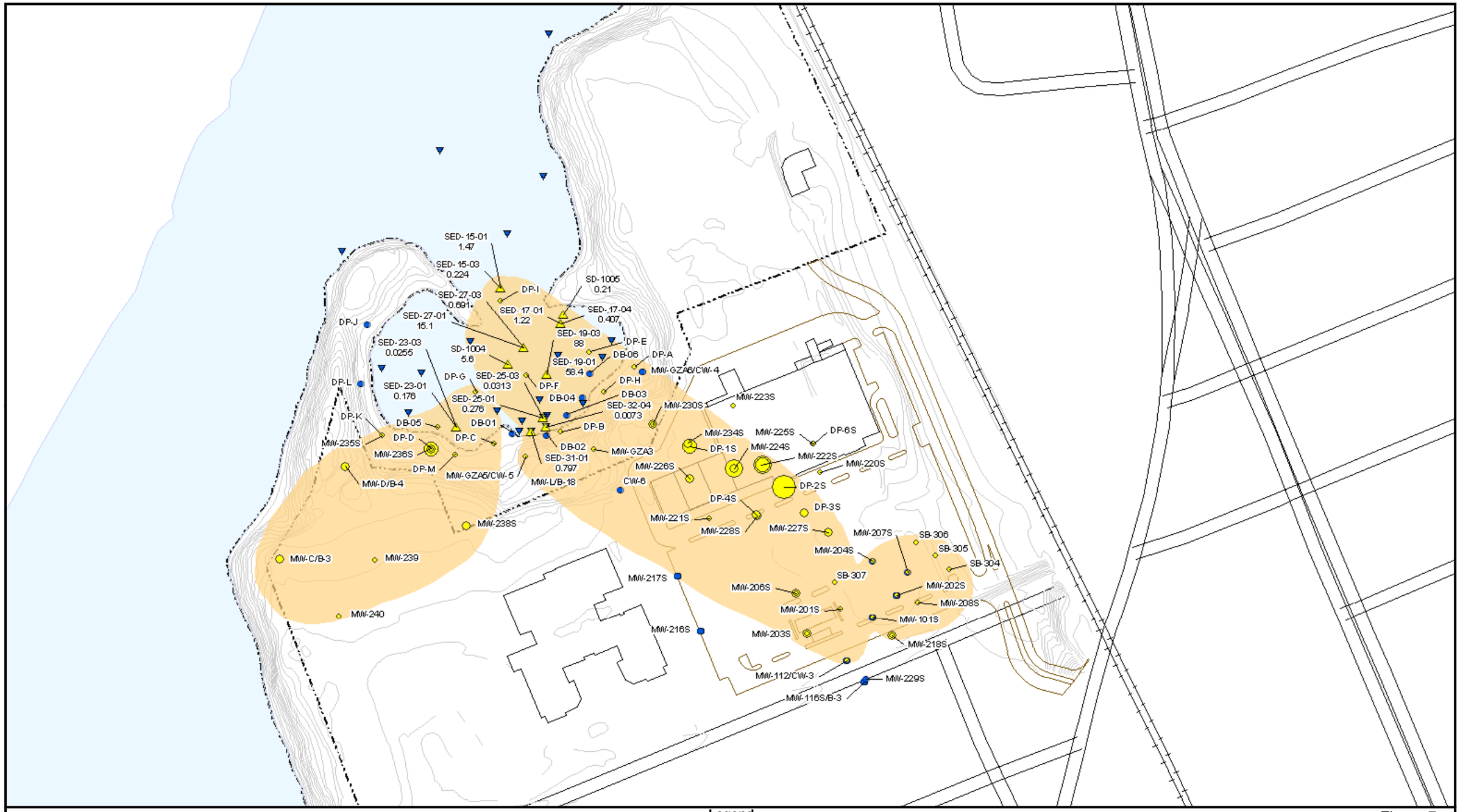
- PCE Detected in Sediment
- PCE Not Detected in Sediment
- PCE Not Detected in Groundwater
- Approximate Plume Boundary
- PCE Concentration 0 - 0.2 mg/L
- PCE Concentration 0.2 - 1 mg/L
- PCE Concentration 1 - 5 mg/L
- PCE Concentration 5 - 10 mg/L
- PCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 6
Tetrachloroethene (PCE) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 6 - PCE Concentrations in Deep Groundwater and Sediment 2006-2010.pdf 08/27/2010 7:41 AM bjroden



Legend

- TCE Detected in Sediment
- TCE Not Detected in Sediment
- TCE Not Detected in Groundwater
- Approximate Plume Boundary
- TCE Concentration 0 - 0.2 mg/L
- TCE Concentration 0.2 - 1 mg/L
- TCE Concentration 1 - 5 mg/L
- TCE Concentration 5 - 10 mg/L
- TCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Notes:
Data used for groundwater are all available data from 3/19/86 to 12/2/09.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

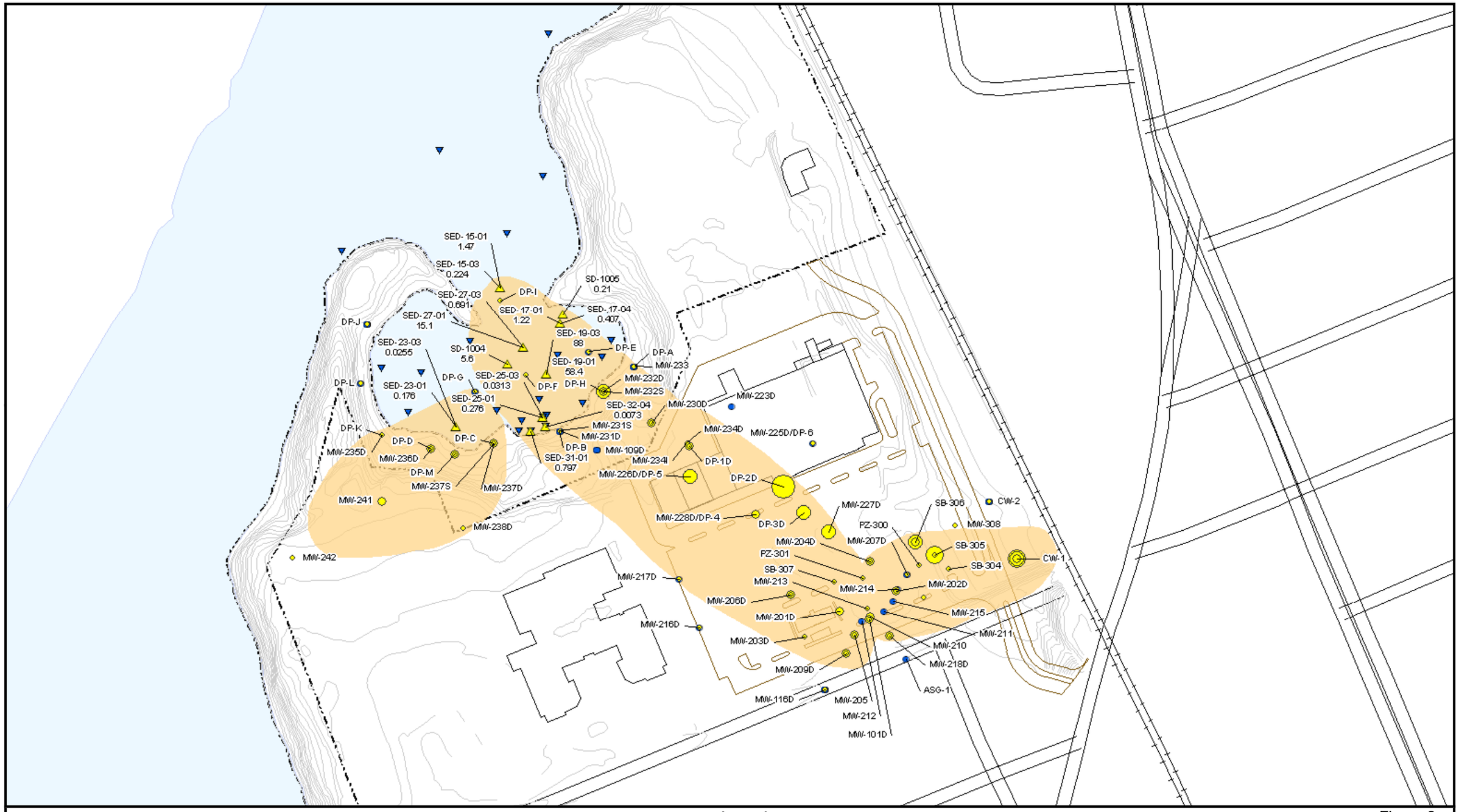
0 90 180 Feet

Prepared/Date: BJR 09/10/10 | Checked/Date: DEH 09/10/10

Figure 7
Trichloroethene (TCE) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 7 - TCE Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 09/10/2010 2:56 PM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

Legend

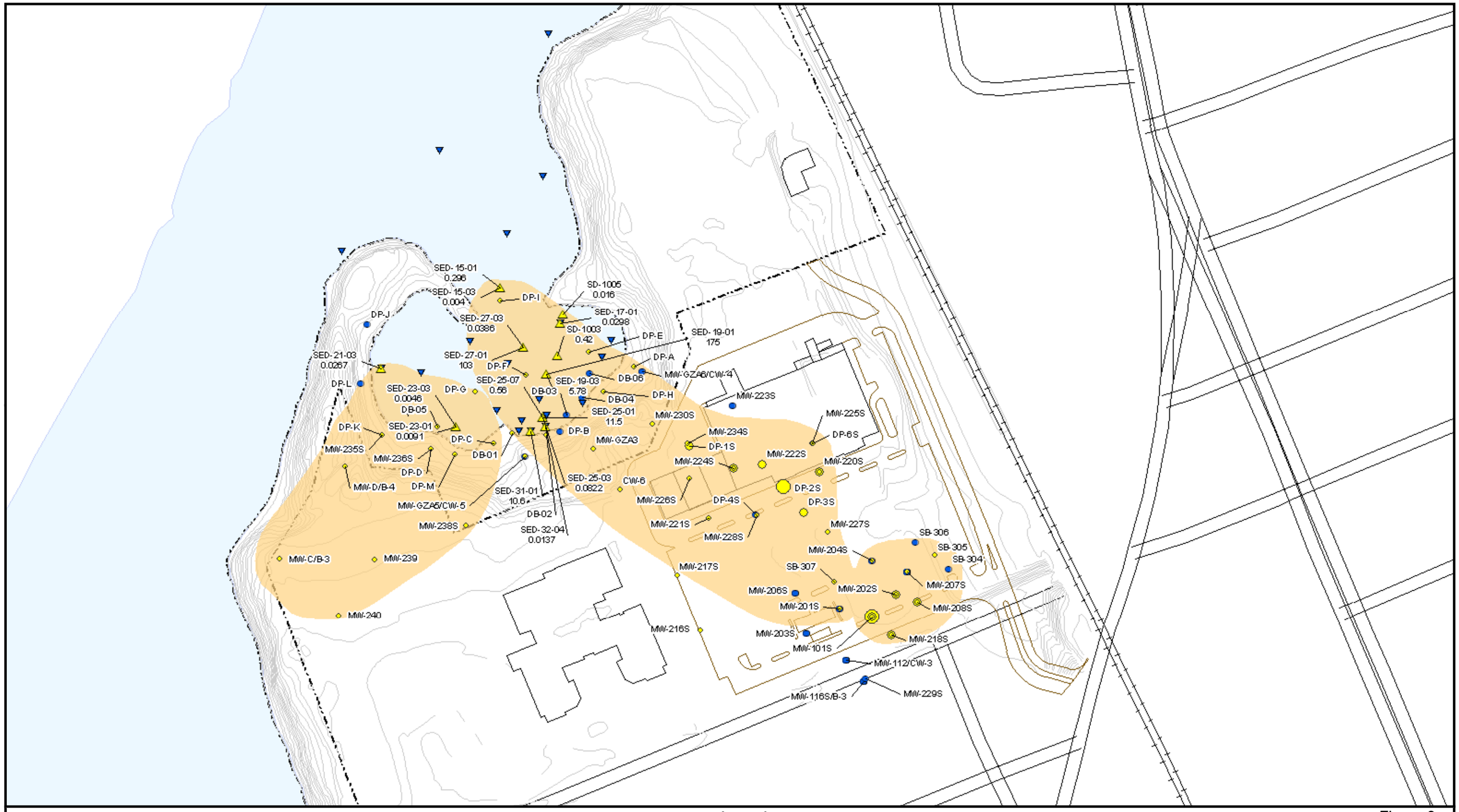
- TCE Detected in Sediment
- TCE Not Detected in Sediment
- TCE Not Detected in Groundwater
- Approximate Plume Boundary
- TCE Concentration 0 - 0.2 mg/L
- TCE Concentration 0.2 - 1 mg/L
- TCE Concentration 1 - 5 mg/L
- TCE Concentration 5 - 10 mg/L
- TCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 8
Trichloroethene (TCE) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 8 - TCE Concentrations in Deep Groundwater and Sediment 2006-2010.pdf 08/27/2010 7:52 AM bjroden



Legend

- cis12DCE Detected in Sediment
- cis12DCE Not Detected in Sediment
- cis12DCE Not Detected in Groundwater
- Approximate Plume Boundary
- cis12DCE Concentration 0 - 0.2 mg/L
- cis12DCE Concentration 0.2 - 1 mg/L
- cis12DCE Concentration 1 - 5 mg/L
- cis12DCE Concentration 5 - 10 mg/L
- cis12DCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

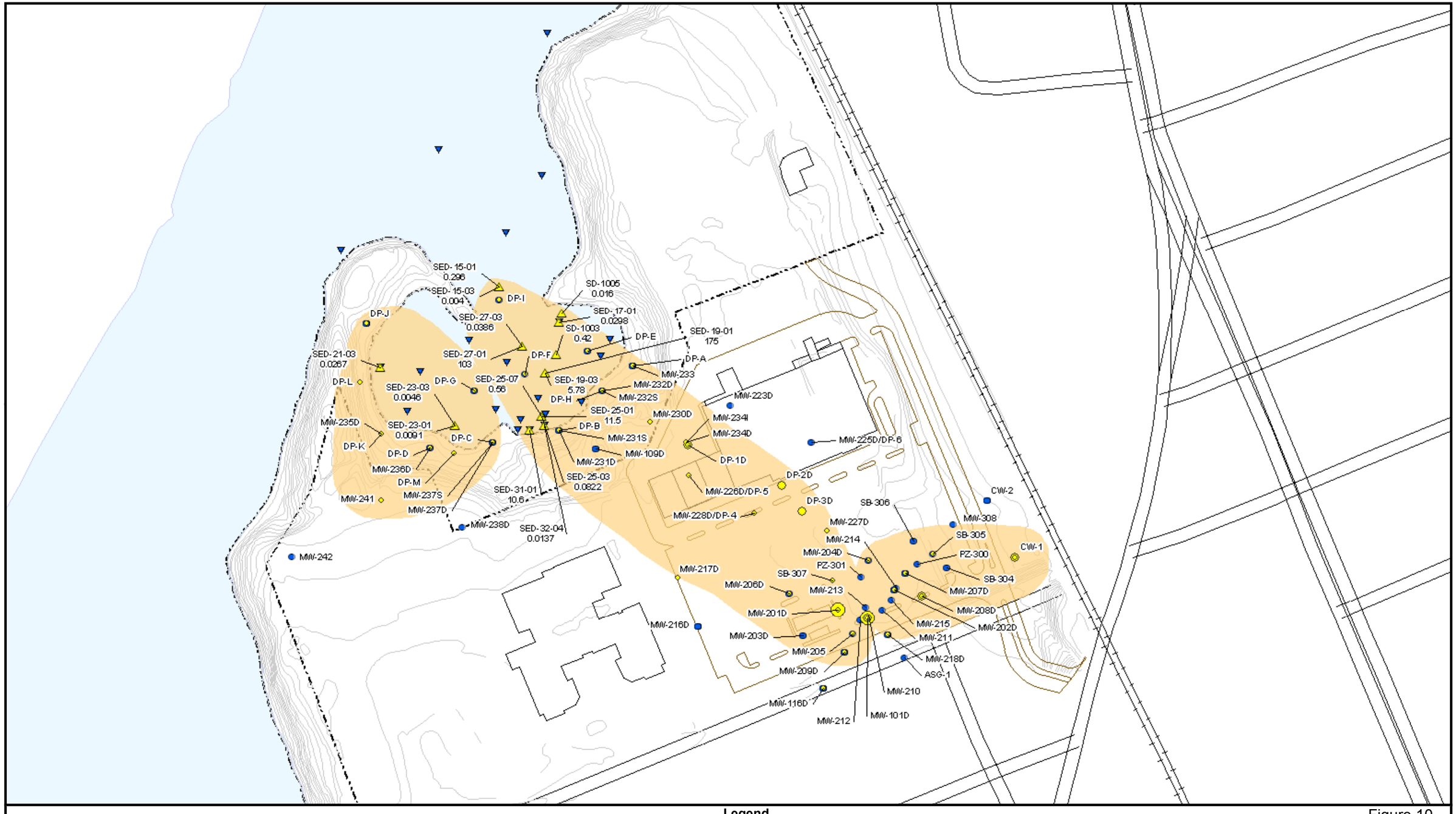
0 90 180 Feet

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

Figure 9
cis-1,2,-Dichloroethene (cis12DCE) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 9 - cis12DCE Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 08/27/2010 7:58 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 8/10/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

- cis12DCE Detected in Sediment
- cis12DCE Not Detected in Sediment
- cis12DCE Not Detected in Groundwater
- Approximate Plume Boundary
- cis12DCE Concentration 0 - 0.2 mg/L
- cis12DCE Concentration 0.2 - 1 mg/L
- cis12DCE Concentration 1 - 5 mg/L
- cis12DCE Concentration 5 - 10 mg/L
- cis12DCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Prepared/Date: BJR 08/27/10 | Checked/Date: DEH 08/27/10

Figure 10
cis-1,2,-Dichloroethene (cis12DCE) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650100157 - Textron Gorham\3.0 Field and Site Characterization\3.8 GIS\ATSDR MTG\Figure 10 - cis12DCE Concentrations in Deep Groundwater and Sediment 2006-2010.pdf 08/27/2010 8:04 AM bjroden

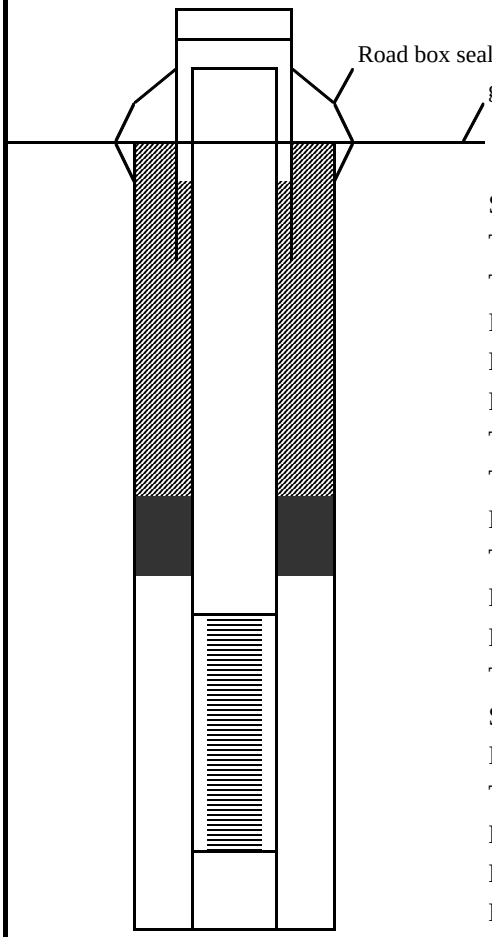
APPENDIX A

Parcel C Monitoring Well Diagrams

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron Gorham	**Boring No:**	MW-238S
Date Installed:	7/14/2010	**Contractor:**	Geologic
Project No.:	3650100169	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Submersible Pump



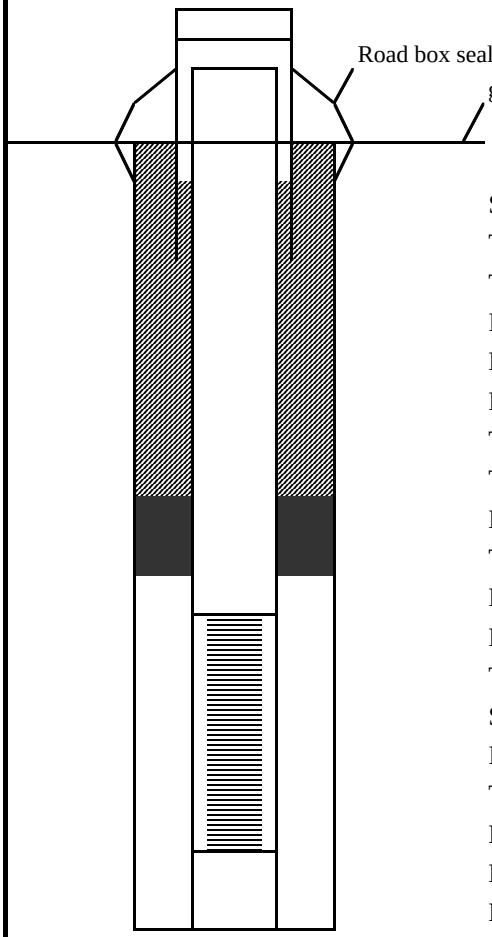
Stick-up of Casing Above Ground Surface:	3.9'
Type of Surface Seal/Other Protection:	Concrete
Type of Surface Casing:	Cast Iron
ID of Surface Casing:	4"
Diameter of Borehole:	3.25"
Riser Pipe ID:	2"
Type of Riser Pipe:	PVC
Type of Backfill:	Native Material
Depth of Top Seal:	16'
Type of Seal:	Bentonite
Depth of Top of Sand:	18'
Depth of Top of Screen:	20'
Type of Screen:	PVC
Slot Size x Length:	0.010" X 10'
ID of Screen:	2"
Type of Sandpack:	Silica Sand
Depth of Bottom of Screen:	30'
Depth of Sediment Sump with Plug:	30'
Depth of Bottom of Borehole:	30'

Completed by :	MAM 8/11/10
Checked by :	DGK 8/30/10

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron Gorham	**Boring No:**	MW-238D
Date Installed:	7/22/2010	**Contractor:**	Geologic
Project No.:	3650100169	**Drilling Method:**	Drive & Wash
Field Geologist:	MAM	**Development Method:**	Submersible Pump



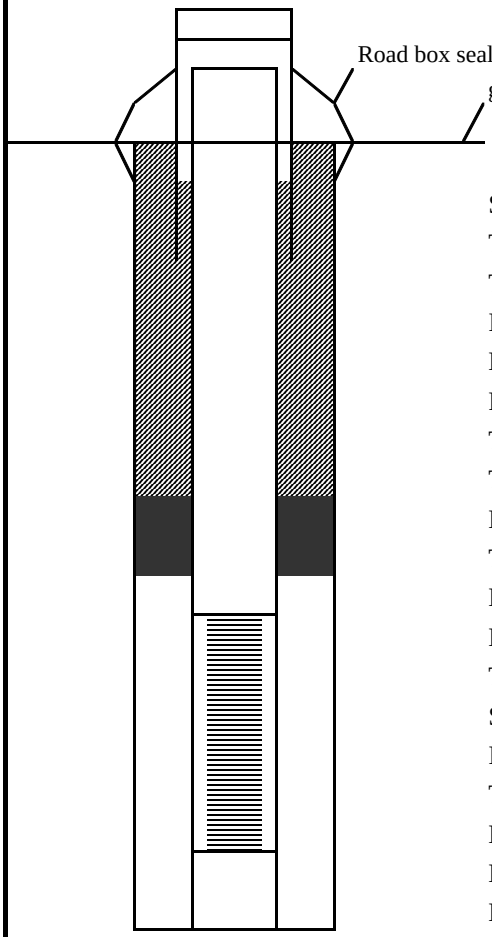
Stick-up of Casing Above Ground Surface:	4.0'
Type of Surface Seal/Other Protection:	Concrete
Type of Surface Casing:	Cast Iron
ID of Surface Casing:	6 "
Diameter of Borehole:	4"
Riser Pipe ID:	2"
Type of Riser Pipe:	PVC
Type of Backfill:	Native Material
Depth of Top Seal:	56'
Type of Seal:	Bentonite
Depth of Top of Sand:	58'
Depth of Top of Screen:	60'
Type of Screen:	PVC
Slot Size x Length:	0.010" X 10'
ID of Screen:	2"
Type of Sandpack:	Silica Sand
Depth of Bottom of Screen:	70'
Depth of Sediment Sump with Plug:	70'
Depth of Bottom of Borehole:	70'

Completed by :	MAM 8/11/10
Checked by :	DGK 8/30/10

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron Gorham	**Boring No:**	MW-240
Date Installed:	7/14/2010	**Contractor:**	Geologic
Project No.:	3650100169	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Submersible Pump



Stick-up of Casing Above Ground Surface:	4.0'
Type of Surface Seal/Other Protection:	Concrete
Type of Surface Casing:	Cast Iron
ID of Surface Casing:	4"
Diameter of Borehole:	3.25"
Riser Pipe ID:	2"
Type of Riser Pipe:	PVC
Type of Backfill:	Native Material
Depth of Top Seal:	16'
Type of Seal:	Bentonite
Depth of Top of Sand:	18'
Depth of Top of Screen:	20'
Type of Screen:	PVC
Slot Size x Length:	0.010" X 10'
ID of Screen:	2"
Type of Sandpack:	Silica Sand
Depth of Bottom of Screen:	30'
Depth of Sediment Sump with Plug:	30'
Depth of Bottom of Borehole:	30'

Completed by :	MAM 8/11/10
Checked by :	DGK 8/30/10

APPENDIX B

Parcel C Well Development Records

MACTEC

WELL DEVELOPMENT REPORT

MACTEC	CLIENT: Textron	WELL #: MW-238S
PROJECT: Gorham		DATE: 8/12/10
LOCATION: Parcel C		PROJECT NO.: 36501001G9

DRILLING METHOD (s):	Direct Push	INSPECTOR:	
PUMP METHOD (s):	Submersible Pump	CONTRACTOR:	Geologic
SURGE METHOD (s):		CREW:	Mader (MAM)
INSTALLATION DATE:	7/14/10	START DEVELOPMENT DATE:	8/12/10
		END DEVELOPMENT DATE:	8/12/10

WATER DEPTH (TOC):	30.0	ft	INSTALLED POW DEPTH(TOC):	33.40	ft
WELL DIA. (ID CASING):	2	ft / in	MEASURED POW DEPTH(TOC):	31.50	ft
BORING DIAMETER:	3.25	ft / in	SILT THICKNESS:	1.90	ft
			POW AFTER DEVELOPMENT:	32.75	ft

DIAMETER FACTORS (GAL/FT):

DIAMETER (IN):	2	3	4	5	6	7	8	9	10	11	12
GALLONS/ FT:	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	4.08	4.93	5.87

STANDING VOLUME INSIDE WELL = WATER COLUMN X WELL DIAMETER FACTOR = 1.5 x 0.163 = 0.24 GAL. = A

STANDING WATER IN ANNULAR SPACE =
WATER COL. BELOW SEAL(ft) X (BORING DIAM. FACTOR - WELL DIAM. FACTOR) X 0.3 = _____ GAL. = B

~~SINGLE STANDING WATER VOLUME = A + B =~~ _____ GAL. = C

MINIMUM VOLUME TO BE REMOVED = 5 X ~~C~~ A ..... 1.2 GALS.

ACTIVITY	START TIME	END TIME	ELAPSED TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	COLOR	OTHER
start pump	9:45							turb.	
add 9 gal of									
DI water									
stop pump	10:15	—	well	went	dry				
start pump	11:45								
add 9 gal of									
DI water									
stop pump		11:55	— well	went	dry. Removed			all water	
TOTALS/FINAL									

COMMENTS: No Readings were taken, well went dry on ~~2+1~~ 2 attempts (MW) (PF) Added 18½ gallons total. Removed all water

WELL #: MW-238S

MACTEC

WELL DEVELOPMENT REPORT

MACTEC	CLIENT: Textron	WELL #: MW-238D
PROJECT: Gorham		DATE: 8/2/10
LOCATION: Parcel C		PROJECT NO.: 365010016 7

DRILLING METHOD (s):	Drive + Wash	INSPECTOR:	
PUMP METHOD (s):	Submersible Pump	CONTRACTOR:	Geologic
SURGE METHOD (s):		CREW:	Mueller (MAM)
INSTALLATION DATE:	7/22/10	START DEVELOPMENT DATE:	8/2/10
		END DEVELOPMENT DATE:	8/2/10

WATER DEPTH (TOC): R	29.40	ft	INSTALLED POW DEPTH(TOC): R	73.20	ft
WELL DIA. (ID CASING):	2	ft in	MEASURED POW DEPTH(TOC): R	64.40	ft
BORING DIAMETER:	4	ft in	SILT THICKNESS:	8.80	ft
			POW AFTER DEVELOPMENT:	72.50	ft

DIAMETER FACTORS (GAL/FT):

DIAMETER (IN):	2	3	4	5	6	7	8	9	10	11	12
GALLONS/ FT:	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	4.08	4.93	5.87

STANDING VOLUME INSIDE WELL = WATER COLUMN X WELL DIAMETER FACTOR = 35 X 0.163 = 5.7 GAL. = A

STANDING WATER IN ANNULAR SPACE =
WATER COL. BELOW SEAL(ft) X (BORING DIAM. FACTOR - WELL DIAM. FACTOR) X 0.3 = _____ GAL. = B

SINGLE STANDING WATER VOLUME = A + B = ... _____ GAL. = C

MINIMUM VOLUME TO BE REMOVED = 5 X C/A ..... 29 GALS.

ACTIVITY	START TIME	END TIME	ELAPSED TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	COLOR	OTHER
Start pump	10:30	11:45	75 min	>70				mostly cloudy	
TOTALS/FINAL									

COMMENTS: No Readings were taken. Removed as much as water clear.

WELL #: _____

MACTEC

WELL DEVELOPMENT REPORT

MACTEC	CLIENT: Textron	WELL #: MW-239
PROJECT: Gorham		DATE: 8/2/10
LOCATION: Parcel C		PROJECT NO.: 365010016 9

DRILLING METHOD (s):	Direct Push	INSPECTOR:	
PUMP METHOD (s):	Submersible Pump	CONTRACTOR:	Geologic
SURGE METHOD (s):		CREW:	Mactec (MAN)
INSTALLATION DATE:	7/14/10	START DEVELOPMENT DATE:	8/2/10
		END DEVELOPMENT DATE:	8/2/10

WATER DEPTH (TOC)[R]:	28.75	ft	INSTALLED POW DEPTH(TOC)[R]:	33.40	ft
WELL DIA. (ID CASING):	2	ft	MEASURED POW DEPTH(TOC)[R]:	31.20	ft
BORING DIAMETER:	3.25	ft	SILT THICKNESS:	2.20	ft
			POW AFTER DEVELOPMENT:	33.10	ft

DIAMETER FACTORS (GAL/FT):

DIAMETER (IN):	2	3	4	5	6	7	8	9	10	11	12
GALLONS/ FT:	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	4.08	4.93	5.87

STANDING VOLUME INSIDE WELL = WATER COLUMN X WELL DIAMETER FACTOR = 2.45 x 0.163 = 0.4 GAL. = A

STANDING WATER IN ANNULAR SPACE =
WATER COL. BELOW SEAL(ft) X (BORING DIAM. FACTOR - WELL DIAM. FACTOR) X 0.3 = _____ GAL. = B

SINGLE STANDING WATER VOLUME = A + B = _____ GAL. = C

MINIMUM VOLUME TO BE REMOVED = 5 X C/A = 2.0 GALS.

ACTIVITY	START TIME	END TIME	ELAPSED TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	COLOR	OTHER
start pump	13:00							turbid	
Add 9 gallons	13:05								
of DI H2O									
stop pump		14:30	1.5 hrs	30 gallons				Clear	
TOTALS/FINAL									

COMMENTS: Well makes water. Water Cleared. Removed any additional water that was added

WELL #: MW-239

MACTEC

WELL DEVELOPMENT REPORT

MACTEC	CLIENT: Textron	WELL #: MW-24U
PROJECT: Gorham		DATE: 7/30/10 + 8/6/10
LOCATION: Parcel C		PROJECT NO.: 365010016 9

DRILLING METHOD (s):	Direct Push	INSPECTOR:	
PUMP METHOD (s):	Submersible Pump	CONTRACTOR:	Geologic
SURGE METHOD (s):		CREW:	Mactec (MAM)
INSTALLATION DATE:	7/14/10	START DEVELOPMENT DATE:	7/30/10
		END DEVELOPMENT DATE:	8/6/10

WATER DEPTH (TOC):	32.70 ft	INSTALLED POW DEPTH(TOC):	33.60 ft
WELL DIA. (ID CASING):	2 ft	MEASURED POW DEPTH(TOC):	32.20 ft
BORING DIAMETER:	3.25 ft	SILT THICKNESS:	0.40 ft
		POW AFTER DEVELOPMENT:	33.60 ft

DIAMETER FACTORS (GAL/FT):

DIAMETER (IN):	2	3	4	5	6	7	8	9	10	11	12
GALLONS/ FT:	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	4.08	4.93	5.87

4.00 X 0.163

STANDING VOLUME INSIDE WELL = WATER COLUMN X WELL DIAMETER FACTOR = 0.7 GAL. = A

STANDING WATER IN ANNULAR SPACE =
WATER COL. BELOW SEAL(ft) X (BORING DIAM. FACTOR - WELL DIAM. FACTOR) X 0.3 = GAL. = B

SINGLE STANDING WATER VOLUME = A + B = GAL. = C

MINIMUM VOLUME TO BE REMOVED = 5 X C (MM) 3.2 GALS.

ACTIVITY	START TIME	END TIME	ELAPSED TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	COLOR	OTHER
start pump	10:30							brown	
Add 7.5 gallons DI	10:35							brown	
to well									
stop pump	11:30			15 gal				brown	dry
TOTALS/FINAL									

COMMENTS: Well went dry. Added 7.5 gal of DI water was added to dilute well to S.H. No Readings were taken

WELL #: MW-24U

MACTEC

WELL DEVELOPMENT REPORT

MACTEC	CLIENT: Textron	WELL #: MW-241
PROJECT: Gorham		DATE: 7/30/10
LOCATION: Parcel C		PROJECT NO.: 365010016 9

DRILLING METHOD (s):	Drive + Wash	INSPECTOR:	
PUMP METHOD (s):	Submers. blc Pump	CONTRACTOR:	Geologic
SURGE METHOD (s):		CREW:	MAM (Mactec)
INSTALLATION DATE:	7/23/10	START DEVELOPMENT DATE:	7/30/10
		END DEVELOPMENT DATE:	7/3/10

WATER DEPTH (TOC):	23.70 ~~70.88 (MAX)~~ ft	INSTALLED POW DEPTH(TOC): R	74.60 ft
WELL DIA. (ID CASING):	2 ft/in	MEASURED POW DEPTH(TOC):	70.88 ft
BORING DIAMETER:	4 ft/in	SILT THICKNESS: R	3.72 ft
		POW AFTER DEVELOPMENT:	71.80 ft

DIAMETER FACTORS (GAL/FT):

DIAMETER (IN):	2	3	4	5	6	7	8	9	10	11	12
GALLONS/ FT:	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	4.08	4.93	5.87

STANDING VOLUME INSIDE WELL = WATER COLUMN X WELL DIAMETER FACTOR = (47.18 X 0.163) 7.7 GAL. = A

STANDING WATER IN ANNULAR SPACE =
WATER COL. BELOW SEAL(ft) X (BORING DIAM. FACTOR - WELL DIAM. FACTOR) X 0.3 = _____ GAL. = B

~~SINGLE STANDING WATER VOLUME = A + B =~~ _____ GAL. = C

MINIMUM VOLUME TO BE REMOVED = 5 X ~~C~~ A ..... 38 GALS.

ACTIVITY	START TIME	END TIME	ELAPSED TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	COLOR	OTHER
Start pump	11:30	12:30	1 hr	50 gal				mostly clear	
TOTALS/FINAL									

COMMENTS: No Readings were taken. Well making some water. Water was visible

WELL #: MW-241

MACTEC

WELL DEVELOPMENT REPORT

MACTEC	CLIENT: Textron	WELL #: MW-242
PROJECT: Gorham		DATE: 7/30/10
LOCATION: Parcel C		PROJECT NO.: 365010016 9

DRILLING METHOD (s):	Drive + wash	INSPECTOR:	
PUMP METHOD (s):	Submersible pump	CONTRACTOR:	Geologic
SURGE METHOD (s):		CREW:	MAM (Mactec)
INSTALLATION DATE:	7/26/10	START DEVELOPMENT DATE:	7/30/10
		END DEVELOPMENT DATE:	7/30/10

WATER DEPTH (TOC): (MM)	26.35	ft	INSTALLED POW DEPTH(TOC): R	74.60	ft
WELL DIA. (ID CASING):	2	ft in	MEASURED POW DEPTH(TOC): R	68.20	ft
BORING DIAMETER:	4	ft in (MM)	SILT THICKNESS:	6.40	ft
			POW AFTER DEVELOPMENT:	74.45	ft

DIAMETER FACTORS (GAL/FT):

DIAMETER (IN):	2	3	4	5	6	7	8	9	10	11	12
GALLONS/ FT:	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	4.08	4.93	5.87

41.85 x 0.163

STANDING VOLUME INSIDE WELL = WATER COLUMN X WELL DIAMETER FACTOR = 6.8 GAL. = A

(MM) ~~STANDING WATER IN ANNULAR SPACE =~~
WATER COL. BELOW SEAL(ft) X (BORING DIAM. FACTOR - WELL DIAM. FACTOR) X 0.3 = _____ GAL. = B

(MM) ~~SINGLE STANDING WATER VOLUME = A + B =~~ ..... _____ GAL. = C

MINIMUM VOLUME TO BE REMOVED = 5 X A (MM) ..... 34 GALS.

ACTIVITY	START TIME	END TIME	ELAPSED TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP	COLOR	OTHER
Start pump	12:40	14:30	110 min	750				brown	
TOTALS/FINAL									

COMMENTS: No Readings were taken. Water was turbid, S.H.I. Several attempts to make water clear

WELL #: MW-242

APPENDIX C

Groundwater Sampling Records

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 2

FIELD DATA RECORD - GROUNDWATER SAMPLING

3650100169

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 8/9/10

WELL ID: ~~MW-240~~ MW-239 | START: 11:49 END: 13:10 | BOTTLE TIME: 13:05

SAMPLE ISIS ID:

☐ QC SAMPLES COLLECTED — DUPLICATE ID: ~~———~~ MS ID: MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	32.55 FT (TOR)	HISTORICAL WELL DEPTH	33.6 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	3.8 FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.3 FT
DEPTH TO WATER	27.95 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 4.6 FT x ☑ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 0.736 GAL/VOL

TOTAL VOLUME PURGED: 3.2 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
11:49	start	Geopump w/ YSI			hook up @ 160 ml/min				cloudy
11:55	28.10	160	17.78	6.29	79.3	674	2.74	185	
12:00	28.10	160	17.54	6.31	52.7	677	0.64	160	
12:05	28.10	160	17.72	6.31	43.2	677	0.51	136	
12:10	28.10	160	17.48	6.32	41.9	677	0.42	126	
12:15	28.10	160	17.36	6.32	31.2	674	0.37	117	
12:20	28.10	160	18.99	6.31	30.1	677	0.47	111	
12:25	28.10	160	17.23	6.33	17.2	676	0.42	106	
12:30	28.10	160	16.47	6.32	13.5	670	0.38	102	
12:35	28.10	160	17.20	6.32	14.6	667	0.40	98	
12:40	28.10	160	17.13	6.33	11.8	669	0.43	95	
12:45	28.10	160	17.17	6.33	11.1	667	0.37	92	

EQUIPMENT DOCUMENTATION

PURGING	SAMPLING	DECON FLUIDS USED	WATER LEVEL EQUIPMENT USED
	☑ PERISTALTIC PUMP	☐ METHANOL	☑ ELECTRIC COND. PROBE
	☐ SUBMERSIBLE PUMP	☐ LIQUINOX	☐ FLOAT ACTIVATED
	☐ BLADDER PUMP	☐ POTABLE WATER	☐ KECK INTERFACE PROBE
	☐ PVC/SILICON TUBING	☐ DEIONIZED WATER	☐ _____
	☐ TEFLON/SILICON TUBING	☐ HEXANE	
	☐ WATTERA	☐ NITRIC ACID	
	☐ IN LINE FILTER	☑ NONE- Dedicated Tubing	NUMBER OF FILTERS USED _____
	☐ PRESS/VAC FILTER		
	☐ _____		

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3x40ml	☑	

NOTES AND SAMPLE OBSERVATIONS

Pump tubing @ 25'

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 2 OF 2

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650100169 ~~3650050041.22~~ | DATE: 8/9/16

WELL ID: MW-239 | START: 11:45 END: 13:10 | BOTTLE TIME: 13:05

SAMPLE ISIS ID: GWMW239

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	32.55 FT (TOR)	HISTORICAL WELL DEPTH	33.69 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	3.8 FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.3 FT
DEPTH TO WATER	27.95 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 4.6 FT x ☒ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 0.736 GAL/VOL

TOTAL VOLUME PURGED: 3.2 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
12:50	28.10	160	17.29	6.36	7.21	667	~~3.93~~ ~~2.73~~	87.9	
12:55	28.10	160	17.01	6.34	6.76	665	0.34	86.7	
13:00	28.10	160	17.26	6.33	6.51	665	0.32	84.5	
13:05 - Sample well									

EQUIPMENT DOCUMENTATION

PURGING: ☐

SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3X40ml	☑	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____

NOTES AND SAMPLE OBSERVATIONS

tubing ends

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 5 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring

~~3650050041.22~~ 3650100169

DATE: 8/19/10

WELL ID: MW-24D

START ~~13:15~~ 13:20 END 13:40

BOTTLE TIME: 13.35

SAMPLE ISIS ID: GWMW24D

☐ QC SAMPLES COLLECTED — DUPLICATE ID: ~~—~~ MS ID: MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	32.70 FT (TOR)	HISTORICAL WELL DEPTH	34.0 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	4.0 FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.3 FT
DEPTH TO WATER	29.24 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 3.46 FT x ☑ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 0.56 GAL/VOL

TOTAL VOLUME PURGED: — GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
13:20	- Start	Purge	w/ Geopump						
13:25	- Water not	pursing	w/ Geopump			n/ Sample	w/ Ba.	ter	
13:35	- Sample	We	ll						

EQUIPMENT DOCUMENTATION

PURGING: ☑

SAMPLING: ☑ Ba.ler

- ☐ PERISTALTIC PUMP
- ☐ SUBMERSIBLE PUMP
- ☐ BLADDER PUMP
- ☐ PVC/SILICON TUBING
- ☐ TEFLON/SILICON TUBING
- ☐ WATTERA
- ☐ IN LINE FILTER
- ☐ PRESS/VAC FILTER

DECON FLUIDS USED

- ☐ METHANOL
- ☐ LIQUINOX
- ☐ POTABLE WATER
- ☐ DEIONIZED WATER
- ☐ HEXANE
- ☐ NITRIC ACID
- ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED

- ☑ ELECTRIC COND. PROBE
- ☐ FLOAT ACTIVATED
- ☐ KECK INTERFACE PROBE
- ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒ VOC	826013	—	HCl	3x40ml	☑	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____

NOTES AND SAMPLE OBSERVATIONS

No Reading were taken due to lack of water.

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV.

SIGNATURE: _____

RECEIVED BY: _____

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FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650100169 | 3650050041.22 | DATE: 8/9/10

WELL ID: MW-2365 | START: 14:45 END: 15:55 | BOTTLE TIME: 15:50

SAMPLE ISIS ID: GWMW2365

QC SAMPLES COLLECTED: ☑ DUPLICATE ID: GWMW2365 DUP; MS ID: GWMW2365 MS; MSD ID: GWMW2365 MSD

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	16.9 FT (TOR)	HISTORICAL WELL DEPTH	16.9 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.9 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	5.70 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: 11.2 FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = 0.5 GAL/VOL ☒ 0.041 GAL/FT (1 IN) ☐ 1.5 GAL/FT (6 IN)

TOTAL VOLUME PURGED: 2.0 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
14:45	Start purge w/ Geopump @ 120ml/min								
14:56	8.70	120	17.97	6.83	256	699	0.15	-144	
15:01	8.80	120	17.77	6.75	147	706	0.14	-126	
15:06	8.90	120	17.71	6.67	110	744	0.20	-100	
15:11	8.95	120	17.90	6.66	75.1	742	0.38	-97	
15:16	9.04	120	17.48	6.64	46.2	746	0.31	-92	
15:26	9.07	120	17.76	6.61	36.8	746	0.27	-92	
15:36	9.10	120	17.97	6.59	28.8	746	0.28	-92	
15:41	9.11	120	18.06	6.60	26.7	747	0.27	-91	
15:46	9.10	120	17.92	6.59	26.9	744	0.24	-90	
15:50	Sample well	—	—	—	—	—	—	—	

EQUIPMENT DOCUMENTATION

PURGING: ☑

SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3 X 40ml	☑	

NOTES AND SAMPLE OBSERVATIONS

Sample QC Samples

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV.

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

3650100169

PROJECT: Gorham Cover Groundwater Monitoring ~~3650050041.22~~

DATE: 8/9/10

WELL ID: MW-236D

BOTTLE TIME: 16:55

START: 16:05 END: 17:00

SAMPLE ISIS ID: GWMW236D

☐ QC SAMPLES COLLECTED — DUPLICATE ID: ——— MS ID: ——— MSD ID: ———

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	28.3 FT (TOR)	HISTORICAL WELL DEPTH	35 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.5 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	5.27 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: 23.03 FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = 0.94 GAL/VOL ☐ 1.5 GAL/FT (6 IN) ☒ 0.041 Gal/ft (1 in)

TOTAL VOLUME PURGED: 3.3 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
16:05 -	start purge w/	Geopump w/	YSI hook u			250 ml/min			
16:15	5.27	250	16.12	7.33	~~8049~~ 440	807	0.07	-163	
16:20	5.27	250	15.97	7.21	34.9	806	0.11	-161	
16:25	5.27	250	15.95	7.00	21.9	773	0.13	-128	
16:30	5.27	250	15.92	6.91	19.0	757	0.11	-120	
16:35	5.27	250	15.77	6.86	12.2	739	0.13	-107	
16:40	5.27	250	15.93	6.84	7.66	725	0.13	-102	
16:45	5.27	250	15.80	6.82	7.88	722	0.13	-99	
16:50	5.27	250	15.78	6.81	7.94	719	0.15	-95	
16:55 -	Collect	Sample							

EQUIPMENT DOCUMENTATION

PURGING: ☑

SAMPLING: ☑ PERISTALTIC PUMP ☐ SUBMERSIBLE PUMP ☐ BLADDER PUMP ☐ PVC/SILICON TUBING ☐ TEFLON/SILICON TUBING ☐ WATTERA ☐ IN LINE FILTER ☐ PRESS/VAC FILTER ———

DECON FLUIDS USED: ☐ METHANOL ☐ LIQUINOX ☐ POTABLE WATER ☐ DEIONIZED WATER ☐ HEXANE ☐ NITRIC ACID ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE ☐ FLOAT ACTIVATED ☐ KECK INTERFACE PROBE ☐ ———

NUMBER OF FILTERS USED ———

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3 X 40ml	☑	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: ———

RECEIVED BY: ———

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

~~365005041.22~~ 365010169

PROJECT: Gorham Cover Groundwater Monitoring

DATE: 8/10/10

WELL ID: MW-242

START: 07:30 END: 9:05

BOTTLE TIME: 09:00

SAMPLE ISIS ID: GWMW242

☐ QC SAMPLES COLLECTED — DUPLICATE ID: ——— MS ID: MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	74.60 FT (TOR)	HISTORICAL WELL DEPTH	74.60 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	4.8 FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.2 FT
DEPTH TO WATER	26.42 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 48.2 FT x ☑ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 7.7 GAL/VOL

TOTAL VOLUME PURGED: 9.4 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: ——— PPM WELL MOUTH: ——— PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
07:30	Start purge @	400 ml/mn	-	very turbid	@ 400 ml/mn				change to 400 ml/mn
08:00	26.43	400	14.57	6.66	71000	876	0.51	-119	Very turbid
08:05	26.43	400	14.43	6.67	71000	882	0.10	-130	
08:10	26.43	400	14.43	6.67	71000	888	0.07	-136	Purge 5gal
08:15	26.43	400	14.41	6.67	71000	895	0.08	-140	
08:20	Change YSI	due to silt							
08:25	26.43	400	14.61	6.66	71000	910	0.11	-101	
08:30	26.43	400	14.77	6.68	71000	914	0.13	-119	
08:35	26.43	400	15.20	6.68	71000	922	0.30	-122	
08:40	26.43	400	15.13	6.67	71000	922	0.53	-119	
08:45	26.43	400	14.71	6.68	71000	929	0.30	-120	
08:50	26.43	400	14.72	6.71	71000	928	0.35	-120	Purge 10 gal

09:00 - Sample well

EQUIPMENT DOCUMENTATION

PURGING: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

SAMPLING: ☐ PERISTALTIC PUMP ☐ SUBMERSIBLE PUMP ☐ BLADDER PUMP ☐ PVC/SILICON TUBING ☐ TEFLON/SILICON TUBING ☐ WATTERA ☐ IN LINE FILTER ☐ PRESS/VAC FILTER _____

DECON FLUIDS USED: ☐ METHANOL ☐ LIQUINOX ☐ POTABLE WATER ☐ DEIONIZED WATER ☐ HEXANE ☐ NITRIC ACID ☐ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☐ ELECTRIC COND. PROBE ☐ FLOAT ACTIVATED ☐ KECK INTERFACE PROBE _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3x40ml	☑	

NOTES AND SAMPLE OBSERVATIONS

Pump @ 67'

Turbidity over 1000 NTU. Sample due to 2 hrs of purging

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

3650100169

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 8/10/10

WELL ID: MW-241 | START 09:45 END 12:00 | BOTTLE TIME: 11:50

SAMPLE ISIS ID: ~~GW~~ GWMW241

☐ QC SAMPLES COLLECTED — DUPLICATE ID: — MS ID: — MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	71.77 FT (TOR)	HISTORICAL WELL DEPTH	71.~~77~~ FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	4.8 FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.2 FT
DEPTH TO WATER	23.88 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 47.89 FT x ☑ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 7.70 GAL/VOL

TOTAL VOLUME PURGED: 8.5 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
09:45	start	purge @	260	ml/m	- turbid				
10:25	23.88	260	17.52	6.90	117	424	0.39	-96	
10:35	23.88	260	17.77	6.91	92.8	424	0.61	-105	
10:45	23.88	260	17.77	6.94	81.7	426	0.17	-111	
10:55	23.88	260	18.16	6.93	56.2	426	0.15	-110	
11:05	23.85	260	18.44	6.92	47.9	427	0.16	-109	
11:15	23.88	260	18.48	6.92	41.7	426	0.15	-111	
11:25	23.88	260	18.70	6.92	32.0	427	0.15	-109	
11:35	23.88	260	17.74	6.94	33.9	428	0.16	-104	
11:40	23.88	260	17.48	6.92	32.7	426	0.16	-106	
11:45	23.88	260	17.10	6.92	33.9	427	0.16	-104	2 hr Purged
11:50	Sample	Well							

EQUIPMENT DOCUMENTATION

PURGING: ☑ PERISTALTIC PUMP ☐ SUBMERSIBLE PUMP ☐ BLADDER PUMP ☐ PVC/SILICON TUBING ☐ TEFLON/SILICON TUBING ☐ WATTERA ☐ IN LINE FILTER ☐ PRESS/VAC FILTER

SAMPLING: ☑ PERISTALTIC PUMP ☐ SUBMERSIBLE PUMP ☑ BLADDER PUMP ☐ PVC/SILICON TUBING ☐ TEFLON/SILICON TUBING ☐ WATTERA ☐ IN LINE FILTER ☐ PRESS/VAC FILTER

DECON FLUIDS USED: ☐ METHANOL ☐ LIQUINOX ☑ POTABLE WATER ☑ DEIONIZED WATER ☐ HEXANE ☐ NITRIC ACID ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE ☐ FLOAT ACTIVATED ☐ KECK INTERFACE PROBE ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒ VOC	8260B	—	HCl	3 x 40ml	☑	

NOTES AND SAMPLE OBSERVATIONS

Pump @ 65'

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV.

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

3CS0100109

PROJECT: Gorham Cover Groundwater Monitoring ~~3650050041.22~~ MAM DATE: 7/10/10

WELL ID: MW-238D START: 12:25 END: 14:35 BOTTLE TIME: 14:30

SAMPLE ISIS ID: GWMW238D

☐ QC SAMPLES COLLECTED — DUPLICATE ID: — MS ID: — MSD ID: —

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	72.50 FT (TOR)	HISTORICAL WELL DEPTH	73.20 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	4.0 FT	PROTECTIVE CASING / WELL DIFFERENCE	+0.8 FT
DEPTH TO WATER	29.45 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 43.05 FT x ☒ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 6.9 GAL/VOL

TOTAL VOLUME PURGED: 10.7 GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
12:25	start purge @ 330 ml/m - turbid								
13:20	hookup YSI								
13:25	29.45	330	18.36	6.64	71000	4163	1.64	-77	
13:30	29.45	330	18.14	6.67	71000	4161	1.48	-76	
13:40	29.45	330	18.10	6.65	571	4160	1.75	-75	
13:50	29.45	330	18.18	6.67	380	4158	1.81	-73	
14:00	29.45	330	18.27	669	312	4157	1.88	-71	
14:10	29.45	330	18.33	6.66	229	457	231	-67	
14:15	29.45	330	18.05	6.67	225	458	239	-67	
14:20	29.45	330	17.68	6.62	153	457	2.32	-66	
14:25	29.45	330	18.29	6.63	179	4156	2.36	-67	
14:30	-collect sample								

EQUIPMENT DOCUMENTATION

PURGING: ☐ ☐ ☑ ☐ ☐ ☐ ☐ ☐ ☐ ☐

SAMPLING: ☐ PERISTALTIC PUMP; ☑ SUBMERSIBLE PUMP; ☑ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☑ POTABLE WATER; ☑ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3 x 40ml	☒	

NOTES AND SAMPLE OBSERVATIONS

Pump @ 65'
Turbidity not stable

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV.

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

3650100169

PROJECT: Gorham Cover Groundwater Monitoring | ~~3650050041.22~~ | DATE: 8/9/10

WELL ID: MW-2385 | 8/9/10 START 10:53 | 8/10/10 END 14:50 | BOTTLE 8/10/10 TIME 14:50

SAMPLE ISIS ID: GWMW2385

☐ QC SAMPLES COLLECTED — DUPLICATE ID: — MS ID: — MSD ID: —

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	32.70 FT (TOR)	HISTORICAL WELL DEPTH	32.75 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	3.5 FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.33 FT
DEPTH TO WATER	30.0 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 2.7 FT x ☑ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = 0.432 GAL/VOL

TOTAL VOLUME PURGED: dry GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
10:52	Start Purge 100 ml/min. YSI reading - Turbid								
11:02	31.00	100	19.55	6.45	71000	2381	0.89	192	
11:07	31.35	100	19.33	6.45	71000	2382	0.77	172	
11:12	31.55	100	22.00	6.44	71000	2354	0.80	156	
11:15 -	dry								
8/10									
14:45	30.10	—	23.38	6.42	71000	2513	2.16	152	
14:50	Sample well								

EQUIPMENT DOCUMENTATION

PURGING: ☑

SAMPLING: ☑ PRESS/VAC FILTER — Bailer

☐ PERISTALTIC PUMP
☐ SUBMERSIBLE PUMP
☐ BLADDER PUMP
☐ PVC/SILICON TUBING
☐ TEFLON/SILICON TUBING
☐ WATTERA
☐ IN LINE FILTER

DECON FLUIDS USED: ☑ NONE- Dedicated Tubing

☐ METHANOL
☐ LIQUINOX
☐ POTABLE WATER
☐ DEIONIZED WATER
☐ HEXANE
☐ NITRIC ACID

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE

☐ FLOAT ACTIVATED
☐ KECK INTERFACE PROBE
☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260	—	HCl	3 x 40ml	☑	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____
☐					☐	____/____/____/____

NOTES AND SAMPLE OBSERVATIONS

Sample w/bailer. Due to well Not Recharging.

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

APPENDIX D

ESS Laboratory Reports
(provided on CD)

CERTIFICATE OF ANALYSIS

CHECKED FOR COMPLETENESS OF PARAMETERS ORDERED BY: 8/24/10

David Heislein
MACTEC Engineering & Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

RE: Textron Gorham (3650100169)
ESS Laboratory Work Order Number: 1008142

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Digitally signed by Laurel Stoddard
Date: 2010.08.17 15:49:41 -04'00'

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

David Heislein
MACTEC Engineering & Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

RE: Textron Gorham (3650100169)
ESS Laboratory Work Order Number: 1008142

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

SAMPLE RECEIPT

The following samples were received on August 10, 2010 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	SampleName	Matrix	Analysis
1008142-01	GWMW239	Ground Water	8260B
1008142-02	GWMW240	Ground Water	8260B
1008142-03	GWMW236s	Ground Water	8260B
1008142-04	GWMW236s Dup	Ground Water	8260B
1008142-05	GWMW 236D	Ground Water	8260B
1008142-06	GWMW242	Ground Water	8260B
1008142-07	GWMW241	Ground Water	8260B
1008142-08	GWMW238D	Ground Water	8260B
1008142-09	GWMW238S	Ground Water	8260B
1008142-10	GWTB01	Aqueous	8260B

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1008142

PROJECT NARRATIVE

8260B Volatile Organic Compounds

1008142-02	**Present in Method Blank (B).**
	Acetone
1008142-07	**Present in Method Blank (B).**
	Methylene Chloride
1008142-09	**pH > 2 (PH+)**
CH01208-MS1	**Matrix Spike recovery is below lower control limit (M-).**
	Bromomethane (66% @ 70-130%)
CH01208-MS1	**Reported above the quantitation limit; Estimated value (E).**
	cis-1,2-Dichloroethene (127% @ 70-130%), Trichloroethene (-242% @ 70-130%)
CH01208-MSD1	**Reported above the quantitation limit; Estimated value (E).**
	cis-1,2-Dichloroethene (136% @ 70-130%), Trichloroethene (-509% @ 70-130%)
CH01314-BS1	**Blank Spike recovery is above upper control limit (B+).**
	2-Butanone (137% @ 70-130%), 2-Hexanone (162% @ 70-130%), Acetone (207% @ 70-130%)
CH01314-BSD1	**Blank Spike recovery is above upper control limit (B+).**
	2-Butanone (133% @ 70-130%), 2-Hexanone (144% @ 70-130%), Acetone (191% @ 70-130%)
CH01616-BS1	**Blank Spike recovery is above upper control limit (B+).**
	Acetone (145% @ 70-130%)
CH01616-BSD1	**Relative percent difference for duplicate is outside of criteria (D+).**
	Acetone (36%)
CTH0087-CCV1	**Continuing Calibration recovery is below lower control limit (C-).**
	Bromomethane (64% @ 70-130%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW239
Date Sampled: 08/09/10 13:05
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/12/10 14:42	CTH0087	CH01208
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	08/12/10 14:42	CTH0087	CH01208
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	08/12/10 14:42	CTH0087	CH01208
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/12/10 14:42	CTH0087	CH01208
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/12/10 14:42	CTH0087	CH01208
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/12/10 14:42	CTH0087	CH01208
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/12/10 14:42	CTH0087	CH01208
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/12/10 14:42	CTH0087	CH01208
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	08/12/10 14:42	CTH0087	CH01208
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/12/10 14:42	CTH0087	CH01208
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/12/10 14:42	CTH0087	CH01208
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/12/10 14:42	CTH0087	CH01208
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/12/10 14:42	CTH0087	CH01208
1-Chlorohexane	ND (0.0010)	0.0004		1	08/12/10 14:42	CTH0087	CH01208
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/12/10 14:42	CTH0087	CH01208
2-Butanone	ND (0.0250)	0.0058		1	08/12/10 14:42	CTH0087	CH01208
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
2-Hexanone	ND (0.0100)	0.0015		1	08/12/10 14:42	CTH0087	CH01208
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/12/10 14:42	CTH0087	CH01208
Acetone	ND (0.0250)	0.0050		1	08/12/10 14:42	CTH0087	CH01208
Benzene	ND (0.0010)	0.0001	0.005	1	08/12/10 14:42	CTH0087	CH01208
Bromobenzene	ND (0.0020)	0.0002		1	08/12/10 14:42	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW239
Date Sampled: 08/09/10 13:05
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/12/10 14:42	CTH0087	CH01208
Bromodichloromethane	ND (0.0006)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Bromoform	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Bromomethane	ND (0.0020)	0.0004		1	08/12/10 14:42	CTH0087	CH01208
Carbon Disulfide	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/12/10 14:42	CTH0087	CH01208
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/12/10 14:42	CTH0087	CH01208
Chloroethane	ND (0.0020)	0.0004		1	08/12/10 14:42	CTH0087	CH01208
Chloroform	**J 0.0010** (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Chloromethane	ND (0.0020)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
cis-1,2-Dichloroethene	**0.0036** (0.0010)	0.0002	0.07	1	08/12/10 14:42	CTH0087	CH01208
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Dibromochloromethane	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Dibromomethane	ND (0.0010)	0.0003		1	08/12/10 14:42	CTH0087	CH01208
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/12/10 14:42	CTH0087	CH01208
Diethyl Ether	ND (0.0010)	0.0003		1	08/12/10 14:42	CTH0087	CH01208
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/12/10 14:42	CTH0087	CH01208
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Hexachloroethane	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Isopropylbenzene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/12/10 14:42	CTH0087	CH01208
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	08/12/10 14:42	CTH0087	CH01208
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/12/10 14:42	CTH0087	CH01208
n-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
n-Propylbenzene	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Styrene	ND (0.0010)	0.0001	0.1	1	08/12/10 14:42	CTH0087	CH01208
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 14:42	CTH0087	CH01208
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	08/12/10 14:42	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW239
Date Sampled: 08/09/10 13:05
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/12/10 14:42	CTH0087	CH01208
Toluene	ND (0.0010)	0.0001	1	1	08/12/10 14:42	CTH0087	CH01208
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/12/10 14:42	CTH0087	CH01208
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 14:42	CTH0087	CH01208
Trichloroethene	**0.0012** (0.0010)	0.0002	0.005	1	08/12/10 14:42	CTH0087	CH01208
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/12/10 14:42	CTH0087	CH01208
Vinyl Acetate	ND (0.0050)	0.0005		1	08/12/10 14:42	CTH0087	CH01208
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	08/12/10 14:42	CTH0087	CH01208
Xylene O	ND (0.0010)	0.0001	10	1	08/12/10 14:42	CTH0087	CH01208
Xylene P,M	ND (0.0020)	0.0002	10	1	08/12/10 14:42	CTH0087	CH01208
Xylenes (Total)	ND (0.0030)		10	1	08/12/10 14:42		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/12/10 14:42		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*87 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*105 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW240
Date Sampled: 08/09/10 13:35
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/12/10 15:14	CTH0087	CH01208
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	08/12/10 15:14	CTH0087	CH01208
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	08/12/10 15:14	CTH0087	CH01208
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/12/10 15:14	CTH0087	CH01208
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/12/10 15:14	CTH0087	CH01208
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/12/10 15:14	CTH0087	CH01208
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/12/10 15:14	CTH0087	CH01208
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/12/10 15:14	CTH0087	CH01208
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	08/12/10 15:14	CTH0087	CH01208
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/12/10 15:14	CTH0087	CH01208
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/12/10 15:14	CTH0087	CH01208
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/12/10 15:14	CTH0087	CH01208
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/12/10 15:14	CTH0087	CH01208
1-Chlorohexane	ND (0.0010)	0.0004		1	08/12/10 15:14	CTH0087	CH01208
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/12/10 15:14	CTH0087	CH01208
2-Butanone	ND (0.0250)	0.0058		1	08/12/10 15:14	CTH0087	CH01208
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
2-Hexanone	ND (0.0100)	0.0015		1	08/12/10 15:14	CTH0087	CH01208
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/12/10 15:14	CTH0087	CH01208
Acetone	ND ~~B, J 0.0069~~ (0.0250)	0.0050		1	08/12/10 15:14	CTH0087	CH01208
Benzene	ND (0.0010)	0.0001	0.005	1	08/12/10 15:14	CTH0087	CH01208
Bromobenzene	ND (0.0020)	0.0002		1	08/12/10 15:14	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW240
Date Sampled: 08/09/10 13:35
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/12/10 15:14	CTH0087	CH01208
Bromodichloromethane	**0.0041** (0.0006)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Bromoform	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Bromomethane	ND (0.0020)	0.0004		1	08/12/10 15:14	CTH0087	CH01208
Carbon Disulfide	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/12/10 15:14	CTH0087	CH01208
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/12/10 15:14	CTH0087	CH01208
Chloroethane	ND (0.0020)	0.0004		1	08/12/10 15:14	CTH0087	CH01208
Chloroform	**0.0215** (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Chloromethane	ND (0.0020)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
cis-1,2-Dichloroethene	**0.0122** (0.0010)	0.0002	0.07	1	08/12/10 15:14	CTH0087	CH01208
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Dibromochloromethane	**J 0.0009** (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Dibromomethane	ND (0.0010)	0.0003		1	08/12/10 15:14	CTH0087	CH01208
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/12/10 15:14	CTH0087	CH01208
Diethyl Ether	ND (0.0010)	0.0003		1	08/12/10 15:14	CTH0087	CH01208
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/12/10 15:14	CTH0087	CH01208
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Hexachloroethane	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Isopropylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/12/10 15:14	CTH0087	CH01208
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	08/12/10 15:14	CTH0087	CH01208
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/12/10 15:14	CTH0087	CH01208
n-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
n-Propylbenzene	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Styrene	ND (0.0010)	0.0001	0.1	1	08/12/10 15:14	CTH0087	CH01208
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:14	CTH0087	CH01208
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Tetrachloroethene	**0.0035** (0.0010)	0.0002	0.005	1	08/12/10 15:14	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW240
Date Sampled: 08/09/10 13:35
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/12/10 15:14	CTH0087	CH01208
Toluene	ND (0.0010)	0.0001	1	1	08/12/10 15:14	CTH0087	CH01208
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/12/10 15:14	CTH0087	CH01208
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 15:14	CTH0087	CH01208
Trichloroethene	**0.0089** (0.0010)	0.0002	0.005	1	08/12/10 15:14	CTH0087	CH01208
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/12/10 15:14	CTH0087	CH01208
Vinyl Acetate	ND (0.0050)	0.0005		1	08/12/10 15:14	CTH0087	CH01208
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	08/12/10 15:14	CTH0087	CH01208
Xylene O	ND (0.0010)	0.0001	10	1	08/12/10 15:14	CTH0087	CH01208
Xylene P,M	ND (0.0020)	0.0002	10	1	08/12/10 15:14	CTH0087	CH01208
Xylenes (Total)	ND (0.0030)		10	1	08/12/10 15:14		[CALC]
Trihalomethanes (Total)	**0.0264** (0.0036)		0.1		08/12/10 15:14		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*86 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*105 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236s / S
Date Sampled: 08/09/10 15:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/12/10 15:46	CTH0087	CH01208
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
1,1,2-Trichloroethane	**0.0029** (0.0010)	0.0002	0.005	1	08/12/10 15:46	CTH0087	CH01208
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
1,1-Dichloroethene	**0.0061** (0.0010)	0.0003	0.007	1	08/12/10 15:46	CTH0087	CH01208
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/12/10 15:46	CTH0087	CH01208
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/12/10 15:46	CTH0087	CH01208
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/12/10 15:46	CTH0087	CH01208
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/12/10 15:46	CTH0087	CH01208
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/12/10 15:46	CTH0087	CH01208
1,2-Dichloroethane	**0.0020** (0.0010)	0.0002	0.005	1	08/12/10 15:46	CTH0087	CH01208
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/12/10 15:46	CTH0087	CH01208
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/12/10 15:46	CTH0087	CH01208
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/12/10 15:46	CTH0087	CH01208
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/12/10 15:46	CTH0087	CH01208
1-Chlorohexane	ND (0.0010)	0.0004		1	08/12/10 15:46	CTH0087	CH01208
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/12/10 15:46	CTH0087	CH01208
2-Butanone	ND (0.0250)	0.0058		1	08/12/10 15:46	CTH0087	CH01208
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
2-Hexanone	ND (0.0100)	0.0015		1	08/12/10 15:46	CTH0087	CH01208
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/12/10 15:46	CTH0087	CH01208
Acetone	ND (0.0250)	0.0050		1	08/12/10 15:46	CTH0087	CH01208
Benzene	**J 0.0006** (0.0010)	0.0001	0.005	1	08/12/10 15:46	CTH0087	CH01208
Bromobenzene	ND (0.0020)	0.0002		1	08/12/10 15:46	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S
Date Sampled: 08/09/10 15:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/12/10 15:46	CTH0087	CH01208
Bromodichloromethane	ND (0.0006)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Bromoform	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Bromomethane	ND (0.0020) UJ	0.0004		1	08/12/10 15:46	CTH0087	CH01208
Carbon Disulfide	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/12/10 15:46	CTH0087	CH01208
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/12/10 15:46	CTH0087	CH01208
Chloroethane	ND (0.0020)	0.0004		1	08/12/10 15:46	CTH0087	CH01208
Chloroform	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Chloromethane	ND (0.0020)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
cis-1,2-Dichloroethene	**0.0980** (0.0010)	0.0002	0.07	1	08/12/10 15:46	CTH0087	CH01208
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Dibromochloromethane	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Dibromomethane	ND (0.0010)	0.0003		1	08/12/10 15:46	CTH0087	CH01208
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/12/10 15:46	CTH0087	CH01208
Diethyl Ether	ND (0.0010)	0.0003		1	08/12/10 15:46	CTH0087	CH01208
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/12/10 15:46	CTH0087	CH01208
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Hexachloroethane	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Isopropylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/12/10 15:46	CTH0087	CH01208
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	08/12/10 15:46	CTH0087	CH01208
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/12/10 15:46	CTH0087	CH01208
n-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
n-Propylbenzene	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Styrene	ND (0.0010)	0.0001	0.1	1	08/12/10 15:46	CTH0087	CH01208
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 15:46	CTH0087	CH01208
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Tetrachloroethene	**0.0095** (0.0010)	0.0002	0.005	1	08/12/10 15:46	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S
Date Sampled: 08/09/10 15:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/12/10 15:46	CTH0087	CH01208
Toluene	ND (0.0010)	0.0001	1	1	08/12/10 15:46	CTH0087	CH01208
trans-1,2-Dichloroethene	**J 0.0006** (0.0010)	0.0003	0.1	1	08/12/10 15:46	CTH0087	CH01208
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 15:46	CTH0087	CH01208
Trichloroethene	**0.793** (0.0200)	0.0040	0.005	20	08/16/10 14:14	CTH0087	CH01208
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/12/10 15:46	CTH0087	CH01208
Vinyl Acetate	ND (0.0050)	0.0005		1	08/12/10 15:46	CTH0087	CH01208
Vinyl Chloride	**0.0014** (0.0010)	0.0002	0.002	1	08/12/10 15:46	CTH0087	CH01208
Xylene O	ND (0.0010)	0.0001	10	1	08/12/10 15:46	CTH0087	CH01208
Xylene P,M	ND (0.0020)	0.0002	10	1	08/12/10 15:46	CTH0087	CH01208
Xylenes (Total)	ND (0.0030)		10	1	08/12/10 15:46		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/12/10 15:46		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*86 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*90 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*107 %*		*70-130*

TC 8/23/10

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S Dup
Date Sampled: 08/09/10 15:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/12/10 16:19	CTH0087	CH01208
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
1,1,2-Trichloroethane	**0.0031** (0.0010)	0.0002	0.005	1	08/12/10 16:19	CTH0087	CH01208
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
1,1-Dichloroethene	**0.0061** (0.0010)	0.0003	0.007	1	08/12/10 16:19	CTH0087	CH01208
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/12/10 16:19	CTH0087	CH01208
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/12/10 16:19	CTH0087	CH01208
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/12/10 16:19	CTH0087	CH01208
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/12/10 16:19	CTH0087	CH01208
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/12/10 16:19	CTH0087	CH01208
1,2-Dichloroethane	**0.0018** (0.0010)	0.0002	0.005	1	08/12/10 16:19	CTH0087	CH01208
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/12/10 16:19	CTH0087	CH01208
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/12/10 16:19	CTH0087	CH01208
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/12/10 16:19	CTH0087	CH01208
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/12/10 16:19	CTH0087	CH01208
1-Chlorohexane	ND (0.0010)	0.0004		1	08/12/10 16:19	CTH0087	CH01208
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/12/10 16:19	CTH0087	CH01208
2-Butanone	ND (0.0250)	0.0058		1	08/12/10 16:19	CTH0087	CH01208
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
2-Hexanone	ND (0.0100)	0.0015		1	08/12/10 16:19	CTH0087	CH01208
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/12/10 16:19	CTH0087	CH01208
Acetone	ND (0.0250)	0.0050		1	08/12/10 16:19	CTH0087	CH01208
Benzene	**J 0.0007** (0.0010)	0.0001	0.005	1	08/12/10 16:19	CTH0087	CH01208
Bromobenzene	ND (0.0020)	0.0002		1	08/12/10 16:19	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S Dup
Date Sampled: 08/09/10 15:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/12/10 16:19	CTH0087	CH01208
Bromodichloromethane	ND (0.0006)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Bromoform	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Bromomethane	ND (0.0020) UJ	0.0004		1	08/12/10 16:19	CTH0087	CH01208
Carbon Disulfide	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/12/10 16:19	CTH0087	CH01208
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/12/10 16:19	CTH0087	CH01208
Chloroethane	ND (0.0020)	0.0004		1	08/12/10 16:19	CTH0087	CH01208
Chloroform	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Chloromethane	ND (0.0020)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
cis-1,2-Dichloroethene	**0.0948** (0.0200)	0.0040	0.07	20	08/16/10 14:46	CTH0087	CH01208
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Dibromochloromethane	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Dibromomethane	ND (0.0010)	0.0003		1	08/12/10 16:19	CTH0087	CH01208
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/12/10 16:19	CTH0087	CH01208
Diethyl Ether	ND (0.0010)	0.0003		1	08/12/10 16:19	CTH0087	CH01208
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/12/10 16:19	CTH0087	CH01208
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Hexachloroethane	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Isopropylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/12/10 16:19	CTH0087	CH01208
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	08/12/10 16:19	CTH0087	CH01208
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/12/10 16:19	CTH0087	CH01208
n-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
n-Propylbenzene	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Styrene	ND (0.0010)	0.0001	0.1	1	08/12/10 16:19	CTH0087	CH01208
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:19	CTH0087	CH01208
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Tetrachloroethene	**0.0096** (0.0010)	0.0002	0.005	1	08/12/10 16:19	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S Dup
Date Sampled: 08/09/10 15:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/12/10 16:19	CTH0087	CH01208
Toluene	ND (0.0010)	0.0001	1	1	08/12/10 16:19	CTH0087	CH01208
trans-1,2-Dichloroethene	**J 0.0007** (0.0010)	0.0003	0.1	1	08/12/10 16:19	CTH0087	CH01208
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 16:19	CTH0087	CH01208
Trichloroethene	**0.821** (0.0200)	0.0040	0.005	20	08/16/10 14:46	CTH0087	CH01208
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/12/10 16:19	CTH0087	CH01208
Vinyl Acetate	ND (0.0050)	0.0005		1	08/12/10 16:19	CTH0087	CH01208
Vinyl Chloride	**0.0014** (0.0010)	0.0002	0.002	1	08/12/10 16:19	CTH0087	CH01208
Xylene O	ND (0.0010)	0.0001	10	1	08/12/10 16:19	CTH0087	CH01208
Xylene P,M	ND (0.0020)	0.0002	10	1	08/12/10 16:19	CTH0087	CH01208
Xylenes (Total)	ND (0.0030)		10	1	08/12/10 16:19		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/12/10 16:19		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*87 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*105 %*		*70-130*

TC 8/23/10

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW 236D
Date Sampled: 08/09/10 16:55
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/12/10 16:51	CTH0087	CH01208
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
1,1,2-Trichloroethane	**0.0013** (0.0010)	0.0002	0.005	1	08/12/10 16:51	CTH0087	CH01208
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
1,1-Dichloroethene	**0.0013** (0.0010)	0.0003	0.007	1	08/12/10 16:51	CTH0087	CH01208
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/12/10 16:51	CTH0087	CH01208
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/12/10 16:51	CTH0087	CH01208
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/12/10 16:51	CTH0087	CH01208
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/12/10 16:51	CTH0087	CH01208
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/12/10 16:51	CTH0087	CH01208
1,2-Dichloroethane	**J 0.0006** (0.0010)	0.0002	0.005	1	08/12/10 16:51	CTH0087	CH01208
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/12/10 16:51	CTH0087	CH01208
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/12/10 16:51	CTH0087	CH01208
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/12/10 16:51	CTH0087	CH01208
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/12/10 16:51	CTH0087	CH01208
1-Chlorohexane	ND (0.0010)	0.0004		1	08/12/10 16:51	CTH0087	CH01208
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/12/10 16:51	CTH0087	CH01208
2-Butanone	ND (0.0250)	0.0058		1	08/12/10 16:51	CTH0087	CH01208
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
2-Hexanone	ND (0.0100)	0.0015		1	08/12/10 16:51	CTH0087	CH01208
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/12/10 16:51	CTH0087	CH01208
Acetone	ND (0.0250)	0.0050		1	08/12/10 16:51	CTH0087	CH01208
Benzene	**J 0.0004** (0.0010)	0.0001	0.005	1	08/12/10 16:51	CTH0087	CH01208
Bromobenzene	ND (0.0020)	0.0002		1	08/12/10 16:51	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW 236D
Date Sampled: 08/09/10 16:55
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/12/10 16:51	CTH0087	CH01208
Bromodichloromethane	ND (0.0006)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Bromoform	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Bromomethane	ND (0.0020)	0.0004		1	08/12/10 16:51	CTH0087	CH01208
Carbon Disulfide	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/12/10 16:51	CTH0087	CH01208
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/12/10 16:51	CTH0087	CH01208
Chloroethane	ND (0.0020)	0.0004		1	08/12/10 16:51	CTH0087	CH01208
Chloroform	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Chloromethane	ND (0.0020)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
cis-1,2-Dichloroethene	**0.0629** (0.0010)	0.0002	0.07	1	08/12/10 16:51	CTH0087	CH01208
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Dibromochloromethane	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Dibromomethane	ND (0.0010)	0.0003		1	08/12/10 16:51	CTH0087	CH01208
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/12/10 16:51	CTH0087	CH01208
Diethyl Ether	ND (0.0010)	0.0003		1	08/12/10 16:51	CTH0087	CH01208
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/12/10 16:51	CTH0087	CH01208
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Hexachloroethane	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Isopropylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/12/10 16:51	CTH0087	CH01208
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	08/12/10 16:51	CTH0087	CH01208
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/12/10 16:51	CTH0087	CH01208
n-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
n-Propylbenzene	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Styrene	ND (0.0010)	0.0001	0.1	1	08/12/10 16:51	CTH0087	CH01208
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 16:51	CTH0087	CH01208
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	08/12/10 16:51	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW 236D
Date Sampled: 08/09/10 16:55
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/12/10 16:51	CTH0087	CH01208
Toluene	ND (0.0010)	0.0001	1	1	08/12/10 16:51	CTH0087	CH01208
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/12/10 16:51	CTH0087	CH01208
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 16:51	CTH0087	CH01208
Trichloroethene	**0.0522** (0.0010)	0.0002	0.005	1	08/12/10 16:51	CTH0087	CH01208
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/12/10 16:51	CTH0087	CH01208
Vinyl Acetate	ND (0.0050)	0.0005		1	08/12/10 16:51	CTH0087	CH01208
Vinyl Chloride	**0.0020** (0.0010)	0.0002	0.002	1	08/12/10 16:51	CTH0087	CH01208
Xylene O	ND (0.0010)	0.0001	10	1	08/12/10 16:51	CTH0087	CH01208
Xylene P,M	ND (0.0020)	0.0002	10	1	08/12/10 16:51	CTH0087	CH01208
Xylenes (Total)	ND (0.0030)		10	1	08/12/10 16:51		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/12/10 16:51		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*87 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*106 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW242
Date Sampled: 08/10/10 09:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/13/10 19:48	CTH0092	CH01314
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	08/13/10 19:48	CTH0092	CH01314
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	08/13/10 19:48	CTH0092	CH01314
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/13/10 19:48	CTH0092	CH01314
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/13/10 19:48	CTH0092	CH01314
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/13/10 19:48	CTH0092	CH01314
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/13/10 19:48	CTH0092	CH01314
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/13/10 19:48	CTH0092	CH01314
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	08/13/10 19:48	CTH0092	CH01314
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/13/10 19:48	CTH0092	CH01314
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/13/10 19:48	CTH0092	CH01314
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/13/10 19:48	CTH0092	CH01314
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/13/10 19:48	CTH0092	CH01314
1-Chlorohexane	ND (0.0010)	0.0004		1	08/13/10 19:48	CTH0092	CH01314
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/13/10 19:48	CTH0092	CH01314
2-Butanone	ND (0.0250)	0.0058		1	08/13/10 19:48	CTH0092	CH01314
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
2-Hexanone	ND (0.0100)	0.0015		1	08/13/10 19:48	CTH0092	CH01314
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/13/10 19:48	CTH0092	CH01314
Acetone	ND (0.0250)	0.0050		1	08/13/10 19:48	CTH0092	CH01314
Benzene	ND (0.0010)	0.0001	0.005	1	08/13/10 19:48	CTH0092	CH01314
Bromobenzene	ND (0.0020)	0.0002		1	08/13/10 19:48	CTH0092	CH01314

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW242
Date Sampled: 08/10/10 09:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/13/10 19:48	CTH0092	CH01314
Bromodichloromethane	ND (0.0006)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Bromoform	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Bromomethane	ND (0.0020)	0.0004		1	08/13/10 19:48	CTH0092	CH01314
Carbon Disulfide	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/13/10 19:48	CTH0092	CH01314
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/13/10 19:48	CTH0092	CH01314
Chloroethane	ND (0.0020)	0.0004		1	08/13/10 19:48	CTH0092	CH01314
Chloroform	**J 0.0005** (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Chloromethane	ND (0.0020)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
cis-1,2-Dichloroethene	ND (0.0010)	0.0002	0.07	1	08/13/10 19:48	CTH0092	CH01314
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Dibromochloromethane	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Dibromomethane	ND (0.0010)	0.0003		1	08/13/10 19:48	CTH0092	CH01314
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/13/10 19:48	CTH0092	CH01314
Diethyl Ether	ND (0.0010)	0.0003		1	08/13/10 19:48	CTH0092	CH01314
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/13/10 19:48	CTH0092	CH01314
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Hexachloroethane	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Isopropylbenzene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/13/10 19:48	CTH0092	CH01314
Methylene Chloride	**J 0.0002** (0.0040)	0.0002	0.005	1	08/13/10 19:48	CTH0092	CH01314
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/13/10 19:48	CTH0092	CH01314
n-Butylbenzene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
n-Propylbenzene	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Styrene	ND (0.0010)	0.0001	0.1	1	08/13/10 19:48	CTH0092	CH01314
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/13/10 19:48	CTH0092	CH01314
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	08/13/10 19:48	CTH0092	CH01314

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW242
Date Sampled: 08/10/10 09:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/13/10 19:48	CTH0092	CH01314
Toluene	ND (0.0010)	0.0001	1	1	08/13/10 19:48	CTH0092	CH01314
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/13/10 19:48	CTH0092	CH01314
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/13/10 19:48	CTH0092	CH01314
Trichloroethene	**J 0.0006** (0.0010)	0.0002	0.005	1	08/13/10 19:48	CTH0092	CH01314
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/13/10 19:48	CTH0092	CH01314
Vinyl Acetate	ND (0.0050)	0.0005		1	08/13/10 19:48	CTH0092	CH01314
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	08/13/10 19:48	CTH0092	CH01314
Xylene O	ND (0.0010)	0.0001	10	1	08/13/10 19:48	CTH0092	CH01314
Xylene P,M	ND (0.0020)	0.0002	10	1	08/13/10 19:48	CTH0092	CH01314
Xylenes (Total)	ND (0.0030)		10	1	08/13/10 19:48		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/13/10 19:48		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*90 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*91 %*		*70-130*
Surrogate: Dibromofluoromethane	*94 %*		*70-130*
Surrogate: Toluene-d8	*104 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW241
Date Sampled: 08/10/10 11:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-07
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/12/10 17:55	CTH0087	CH01208
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
1,1,2-Trichloroethane	**J 0.0006** (0.0010)	0.0002	0.005	1	08/12/10 17:55	CTH0087	CH01208
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
1,1-Dichloroethene	**0.0023** (0.0010)	0.0003	0.007	1	08/12/10 17:55	CTH0087	CH01208
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/12/10 17:55	CTH0087	CH01208
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/12/10 17:55	CTH0087	CH01208
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/12/10 17:55	CTH0087	CH01208
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/12/10 17:55	CTH0087	CH01208
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/12/10 17:55	CTH0087	CH01208
1,2-Dichloroethane	**J 0.0003** (0.0010)	0.0002	0.005	1	08/12/10 17:55	CTH0087	CH01208
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/12/10 17:55	CTH0087	CH01208
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/12/10 17:55	CTH0087	CH01208
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/12/10 17:55	CTH0087	CH01208
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/12/10 17:55	CTH0087	CH01208
1-Chlorohexane	ND (0.0010)	0.0004		1	08/12/10 17:55	CTH0087	CH01208
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/12/10 17:55	CTH0087	CH01208
2-Butanone	ND (0.0250)	0.0058		1	08/12/10 17:55	CTH0087	CH01208
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
2-Hexanone	ND (0.0100)	0.0015		1	08/12/10 17:55	CTH0087	CH01208
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/12/10 17:55	CTH0087	CH01208
Acetone	ND (0.0250)	0.0050		1	08/12/10 17:55	CTH0087	CH01208
Benzene	**J 0.0002** (0.0010)	0.0001	0.005	1	08/12/10 17:55	CTH0087	CH01208
Bromobenzene	ND (0.0020)	0.0002		1	08/12/10 17:55	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW241
Date Sampled: 08/10/10 11:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-07
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/12/10 17:55	CTH0087	CH01208
Bromodichloromethane	ND (0.0006)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Bromoform	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Bromomethane	ND (0.0020)	0.0004		1	08/12/10 17:55	CTH0087	CH01208
Carbon Disulfide	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/12/10 17:55	CTH0087	CH01208
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/12/10 17:55	CTH0087	CH01208
Chloroethane	ND (0.0020)	0.0004		1	08/12/10 17:55	CTH0087	CH01208
Chloroform	**J 0.0008** (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Chloromethane	ND (0.0020)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
cis-1,2-Dichloroethene	**0.0278** (0.0010)	0.0002	0.07	1	08/12/10 17:55	CTH0087	CH01208
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Dibromochloromethane	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Dibromomethane	ND (0.0010)	0.0003		1	08/12/10 17:55	CTH0087	CH01208
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/12/10 17:55	CTH0087	CH01208
Diethyl Ether	ND (0.0010)	0.0003		1	08/12/10 17:55	CTH0087	CH01208
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/12/10 17:55	CTH0087	CH01208
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Hexachloroethane	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Isopropylbenzene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/12/10 17:55	CTH0087	CH01208
Methylene Chloride	ND ~~**B 0.0055**~~ (0.0040)	0.0002	0.005	1	08/12/10 17:55	CTH0087	CH01208
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/12/10 17:55	CTH0087	CH01208
n-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
n-Propylbenzene	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Styrene	ND (0.0010)	0.0001	0.1	1	08/12/10 17:55	CTH0087	CH01208
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/12/10 17:55	CTH0087	CH01208
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	08/12/10 17:55	CTH0087	CH01208

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW241
Date Sampled: 08/10/10 11:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-07
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/12/10 17:55	CTH0087	CH01208
Toluene	ND (0.0010)	0.0001	1	1	08/12/10 17:55	CTH0087	CH01208
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/12/10 17:55	CTH0087	CH01208
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/12/10 17:55	CTH0087	CH01208
Trichloroethene	**0.245** (0.0100)	0.0020	0.005	10	08/16/10 13:42	CTH0087	CH01208
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/12/10 17:55	CTH0087	CH01208
Vinyl Acetate	ND (0.0050)	0.0005		1	08/12/10 17:55	CTH0087	CH01208
Vinyl Chloride	**J 0.0005** (0.0010)	0.0002	0.002	1	08/12/10 17:55	CTH0087	CH01208
Xylene O	ND (0.0010)	0.0001	10	1	08/12/10 17:55	CTH0087	CH01208
Xylene P,M	ND (0.0020)	0.0002	10	1	08/12/10 17:55	CTH0087	CH01208
Xylenes (Total)	ND (0.0030)		10	1	08/12/10 17:55		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/12/10 17:55		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*88 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*106 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW238D
Date Sampled: 08/10/10 14:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-08
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/16/10 12:38	CTH0104	CH01616
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	08/16/10 12:38	CTH0104	CH01616
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	08/16/10 12:38	CTH0104	CH01616
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/16/10 12:38	CTH0104	CH01616
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/16/10 12:38	CTH0104	CH01616
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/16/10 12:38	CTH0104	CH01616
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/16/10 12:38	CTH0104	CH01616
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/16/10 12:38	CTH0104	CH01616
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	08/16/10 12:38	CTH0104	CH01616
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/16/10 12:38	CTH0104	CH01616
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/16/10 12:38	CTH0104	CH01616
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/16/10 12:38	CTH0104	CH01616
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/16/10 12:38	CTH0104	CH01616
1-Chlorohexane	ND (0.0010)	0.0004		1	08/16/10 12:38	CTH0104	CH01616
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/16/10 12:38	CTH0104	CH01616
2-Butanone	ND (0.0250)	0.0058		1	08/16/10 12:38	CTH0104	CH01616
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
2-Hexanone	ND (0.0100)	0.0015		1	08/16/10 12:38	CTH0104	CH01616
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/16/10 12:38	CTH0104	CH01616
Acetone	ND (0.0250)	0.0050		1	08/16/10 12:38	CTH0104	CH01616
Benzene	ND (0.0010)	0.0001	0.005	1	08/16/10 12:38	CTH0104	CH01616
Bromobenzene	ND (0.0020)	0.0002		1	08/16/10 12:38	CTH0104	CH01616

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW238D
Date Sampled: 08/10/10 14:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-08
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/16/10 12:38	CTH0104	CH01616
Bromodichloromethane	ND (0.0006)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Bromoform	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Bromomethane	ND (0.0020)	0.0004		1	08/16/10 12:38	CTH0104	CH01616
Carbon Disulfide	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/16/10 12:38	CTH0104	CH01616
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/16/10 12:38	CTH0104	CH01616
Chloroethane	ND (0.0020)	0.0004		1	08/16/10 12:38	CTH0104	CH01616
Chloroform	**J 0.0004** (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Chloromethane	ND (0.0020)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
cis-1,2-Dichloroethene	ND (0.0010)	0.0002	0.07	1	08/16/10 12:38	CTH0104	CH01616
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Dibromochloromethane	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Dibromomethane	ND (0.0010)	0.0003		1	08/16/10 12:38	CTH0104	CH01616
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/16/10 12:38	CTH0104	CH01616
Diethyl Ether	ND (0.0010)	0.0003		1	08/16/10 12:38	CTH0104	CH01616
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/16/10 12:38	CTH0104	CH01616
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Hexachloroethane	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Isopropylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/16/10 12:38	CTH0104	CH01616
Methylene Chloride	**J 0.0005** (0.0040)	0.0002	0.005	1	08/16/10 12:38	CTH0104	CH01616
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/16/10 12:38	CTH0104	CH01616
n-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
n-Propylbenzene	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Styrene	ND (0.0010)	0.0001	0.1	1	08/16/10 12:38	CTH0104	CH01616
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:38	CTH0104	CH01616
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	08/16/10 12:38	CTH0104	CH01616

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW238D
Date Sampled: 08/10/10 14:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-08
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/16/10 12:38	CTH0104	CH01616
Toluene	ND (0.0010)	0.0001	1	1	08/16/10 12:38	CTH0104	CH01616
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/16/10 12:38	CTH0104	CH01616
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/16/10 12:38	CTH0104	CH01616
Trichloroethene	**0.0012** (0.0010)	0.0002	0.005	1	08/16/10 12:38	CTH0104	CH01616
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/16/10 12:38	CTH0104	CH01616
Vinyl Acetate	ND (0.0050)	0.0005		1	08/16/10 12:38	CTH0104	CH01616
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	08/16/10 12:38	CTH0104	CH01616
Xylene O	ND (0.0010)	0.0001	10	1	08/16/10 12:38	CTH0104	CH01616
Xylene P,M	ND (0.0020)	0.0002	10	1	08/16/10 12:38	CTH0104	CH01616
Xylenes (Total)	ND (0.0030)		10	1	08/16/10 12:38		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/16/10 12:38		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*85 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*106 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW238S
Date Sampled: 08/10/10 14:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	08/16/10 13:10	CTH0104	CH01616
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
1,1,2-Trichloroethane	**J 0.0004** (0.0010)	0.0002	0.005	1	08/16/10 13:10	CTH0104	CH01616
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
1,1-Dichloroethene	**0.0010** (0.0010)	0.0003	0.007	1	08/16/10 13:10	CTH0104	CH01616
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/16/10 13:10	CTH0104	CH01616
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	08/16/10 13:10	CTH0104	CH01616
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	08/16/10 13:10	CTH0104	CH01616
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	08/16/10 13:10	CTH0104	CH01616
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	08/16/10 13:10	CTH0104	CH01616
1,2-Dichloroethane	**J 0.0005** (0.0010)	0.0002	0.005	1	08/16/10 13:10	CTH0104	CH01616
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	08/16/10 13:10	CTH0104	CH01616
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	08/16/10 13:10	CTH0104	CH01616
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	08/16/10 13:10	CTH0104	CH01616
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/16/10 13:10	CTH0104	CH01616
1-Chlorohexane	ND (0.0010)	0.0004		1	08/16/10 13:10	CTH0104	CH01616
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/16/10 13:10	CTH0104	CH01616
2-Butanone	ND (0.0250)	0.0058		1	08/16/10 13:10	CTH0104	CH01616
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
2-Hexanone	ND (0.0100)	0.0015		1	08/16/10 13:10	CTH0104	CH01616
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/16/10 13:10	CTH0104	CH01616
Acetone	ND (0.0250)	0.0050		1	08/16/10 13:10	CTH0104	CH01616
Benzene	ND (0.0010)	0.0001	0.005	1	08/16/10 13:10	CTH0104	CH01616
Bromobenzene	ND (0.0020)	0.0002		1	08/16/10 13:10	CTH0104	CH01616

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW238S
Date Sampled: 08/10/10 14:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/16/10 13:10	CTH0104	CH01616
Bromodichloromethane	ND (0.0006)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Bromoform	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Bromomethane	ND (0.0020)	0.0004		1	08/16/10 13:10	CTH0104	CH01616
Carbon Disulfide	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	08/16/10 13:10	CTH0104	CH01616
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	08/16/10 13:10	CTH0104	CH01616
Chloroethane	ND (0.0020)	0.0004		1	08/16/10 13:10	CTH0104	CH01616
Chloroform	**0.0019** (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Chloromethane	ND (0.0020)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
cis-1,2-Dichloroethene	**0.0161** (0.0010)	0.0002	0.07	1	08/16/10 13:10	CTH0104	CH01616
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Dibromochloromethane	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Dibromomethane	ND (0.0010)	0.0003		1	08/16/10 13:10	CTH0104	CH01616
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/16/10 13:10	CTH0104	CH01616
Diethyl Ether	ND (0.0010)	0.0003		1	08/16/10 13:10	CTH0104	CH01616
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	08/16/10 13:10	CTH0104	CH01616
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Hexachloroethane	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Isopropylbenzene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	08/16/10 13:10	CTH0104	CH01616
Methylene Chloride	**J 0.0006** (0.0040)	0.0002	0.005	1	08/16/10 13:10	CTH0104	CH01616
Naphthalene	ND (0.0010)	0.0002	0.02	1	08/16/10 13:10	CTH0104	CH01616
n-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
n-Propylbenzene	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Styrene	ND (0.0010)	0.0001	0.1	1	08/16/10 13:10	CTH0104	CH01616
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 13:10	CTH0104	CH01616
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Tetrachloroethene	**0.0107** (0.0010)	0.0002	0.005	1	08/16/10 13:10	CTH0104	CH01616

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW238S
Date Sampled: 08/10/10 14:50
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/16/10 13:10	CTH0104	CH01616
Toluene	ND (0.0010)	0.0001	1	1	08/16/10 13:10	CTH0104	CH01616
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	08/16/10 13:10	CTH0104	CH01616
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/16/10 13:10	CTH0104	CH01616
Trichloroethene	**0.262** (0.0100)	0.0020	0.005	10	08/16/10 15:18	CTH0104	CH01616
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/16/10 13:10	CTH0104	CH01616
Vinyl Acetate	ND (0.0050)	0.0005		1	08/16/10 13:10	CTH0104	CH01616
Vinyl Chloride	**J 0.0003** (0.0010)	0.0002	0.002	1	08/16/10 13:10	CTH0104	CH01616
Xylene O	ND (0.0010)	0.0001	10	1	08/16/10 13:10	CTH0104	CH01616
Xylene P,M	ND (0.0020)	0.0002	10	1	08/16/10 13:10	CTH0104	CH01616
Xylenes (Total)	ND (0.0030)		10	1	08/16/10 13:10		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		08/16/10 13:10		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*85 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*106 %*		*70-130*

TC 8/23/10

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWTB01
Date Sampled: 08/10/10 00:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-10
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,1,1-Trichloroethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
1,1,2-Trichloroethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,1-Dichloroethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,1-Dichloroethene	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
1,1-Dichloropropene	ND (0.0020)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010		1	08/16/10 12:06	CTH0104	CH01616
1,2-Dibromoethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,2-Dichlorobenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
1,2-Dichloroethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,2-Dichloropropane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
1,3-Dichlorobenzene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
1,3-Dichloropropane	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
1,4-Dichlorobenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
1,4-Dioxane - Screen	ND (0.500)	0.190		1	08/16/10 12:06	CTH0104	CH01616
1-Chlorohexane	ND (0.0010)	0.0004		1	08/16/10 12:06	CTH0104	CH01616
2,2-Dichloropropane	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
2-Butanone	ND (0.0250)	0.0058		1	08/16/10 12:06	CTH0104	CH01616
2-Chlorotoluene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
2-Hexanone	ND (0.0100)	0.0015		1	08/16/10 12:06	CTH0104	CH01616
4-Chlorotoluene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
4-Isopropyltoluene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	08/16/10 12:06	CTH0104	CH01616
Acetone	ND (0.0250)	0.0050		1	08/16/10 12:06	CTH0104	CH01616
Benzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Bromobenzene	ND (0.0020)	0.0002		1	08/16/10 12:06	CTH0104	CH01616

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWTB01
Date Sampled: 08/10/10 00:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-10
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
Bromodichloromethane	ND (0.0006)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Bromoform	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Bromomethane	ND (0.0020)	0.0004		1	08/16/10 12:06	CTH0104	CH01616
Carbon Disulfide	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Carbon Tetrachloride	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Chlorobenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Chloroethane	ND (0.0020)	0.0004		1	08/16/10 12:06	CTH0104	CH01616
Chloroform	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Chloromethane	ND (0.0020)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
cis-1,2-Dichloroethene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Dibromochloromethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Dibromomethane	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
Diethyl Ether	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
Di-isopropyl ether	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Ethylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Hexachlorobutadiene	ND (0.0006)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Hexachloroethane	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Isopropylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Methyl tert-Butyl Ether	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
Methylene Chloride	ND (0.0040)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Naphthalene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
n-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
n-Propylbenzene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
sec-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Styrene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
tert-Butylbenzene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Tetrachloroethene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWTB01
Date Sampled: 08/10/10 00:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 1008142
ESS Laboratory Sample ID: 1008142-10
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	08/16/10 12:06	CTH0104	CH01616
Toluene	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
trans-1,2-Dichloroethene	ND (0.0010)	0.0003		1	08/16/10 12:06	CTH0104	CH01616
trans-1,3-Dichloropropene	ND (0.0005)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Trichloroethene	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Trichlorofluoromethane	ND (0.0010)	0.0004		1	08/16/10 12:06	CTH0104	CH01616
Vinyl Acetate	ND (0.0050)	0.0005		1	08/16/10 12:06	CTH0104	CH01616
Vinyl Chloride	ND (0.0010)	0.0002		1	08/16/10 12:06	CTH0104	CH01616
Xylene O	ND (0.0010)	0.0001		1	08/16/10 12:06	CTH0104	CH01616
Xylene P,M	ND (0.0020)	0.0002		1	08/16/10 12:06	CTH0104	CH01616

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*87 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*105 %*		*70-130*

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	0.0064	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							

Action Limit (mg/L)

6.4 mg/L × 10 = 64

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
Dibromochloromethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	0.0006	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0206*		mg/L	*0.02500*		*83*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0232*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0225*		mg/L	*0.02500*		*90*	*70-130*			
Surrogate: Toluene-d8	*0.0258*		mg/L	*0.02500*		*103*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.92		ug/L	10.00		99	70-130			
1,1,1-Trichloroethane	9.27		ug/L	10.00		93	70-130			
1,1,2,2-Tetrachloroethane	9.67		ug/L	10.00		97	70-130			
1,1,2-Trichloroethane	9.48		ug/L	10.00		95	70-130			
1,1-Dichloroethane	9.52		ug/L	10.00		95	70-130			
1,1-Dichloroethene	10.3		ug/L	10.00		103	70-130			
1,1-Dichloropropene	9.34		ug/L	10.00		93	70-130			
1,2,3-Trichlorobenzene	12.0		ug/L	10.00		120	70-130			
1,2,3-Trichloropropane	9.50		ug/L	10.00		95	70-130			
1,2,4-Trichlorobenzene	11.3		ug/L	10.00		113	70-130			

Action Limit
$MeCl_2$ @ 0.6 µg/L × 10 = 6 ppb

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
1,2,4-Trimethylbenzene	10.3		ug/L	10.00		103	70-130			
1,2-Dibromo-3-Chloropropane	9.91		ug/L	10.00		99	70-130			
1,2-Dibromoethane	9.78		ug/L	10.00		98	70-130			
1,2-Dichlorobenzene	10.4		ug/L	10.00		104	70-130			
1,2-Dichloroethane	9.05		ug/L	10.00		90	70-130			
1,2-Dichloropropane	9.59		ug/L	10.00		96	70-130			
1,3,5-Trimethylbenzene	10.3		ug/L	10.00		103	70-130			
1,3-Dichlorobenzene	10.1		ug/L	10.00		101	70-130			
1,3-Dichloropropane	10.3		ug/L	10.00		103	70-130			
1,4-Dichlorobenzene	9.94		ug/L	10.00		99	70-130			
1,4-Dioxane - Screen	322		ug/L	200.0		161	0-332			
1-Chlorohexane	9.74		ug/L	10.00		97	70-130			
2,2-Dichloropropane	9.32		ug/L	10.00		93	70-130			
2-Butanone	52.8		ug/L	50.00		106	70-130			
2-Chlorotoluene	10.1		ug/L	10.00		101	70-130			
2-Hexanone	52.5		ug/L	50.00		105	70-130			
4-Chlorotoluene	9.43		ug/L	10.00		94	70-130			
4-Isopropyltoluene	10.8		ug/L	10.00		108	70-130			
4-Methyl-2-Pentanone	46.8		ug/L	50.00		94	70-130			
Acetone	59.6		ug/L	50.00		119	70-130			
Benzene	9.61		ug/L	10.00		96	70-130			
Bromobenzene	9.93		ug/L	10.00		99	70-130			
Bromochloromethane	9.33		ug/L	10.00		93	70-130			
Bromodichloromethane	9.56		ug/L	10.00		96	70-130			
Bromoform	11.6		ug/L	10.00		116	70-130			
Bromomethane	8.40		ug/L	10.00		84	70-130			
Carbon Disulfide	11.5		ug/L	10.00		115	70-130			
Carbon Tetrachloride	9.95		ug/L	10.00		100	70-130			
Chlorobenzene	9.88		ug/L	10.00		99	70-130			
Chloroethane	9.52		ug/L	10.00		95	70-130			
Chloroform	9.35		ug/L	10.00		94	70-130			
Chloromethane	7.82		ug/L	10.00		78	70-130			
cis-1,2-Dichloroethene	9.83		ug/L	10.00		98	70-130			
cis-1,3-Dichloropropene	9.32		ug/L	10.00		93	70-130			
Dibromochloromethane	10.8		ug/L	10.00		108	70-130			
Dibromomethane	9.29		ug/L	10.00		93	70-130			
Dichlorodifluoromethane	8.24		ug/L	10.00		82	70-130			
Diethyl Ether	10.5		ug/L	10.00		105	70-130			
Di-isopropyl ether	9.49		ug/L	10.00		95	70-130			
Ethyl tertiary-butyl ether	8.73		ug/L	10.00		87	70-130			
Ethylbenzene	9.75		ug/L	10.00		98	70-130			
Hexachlorobutadiene	10.2		ug/L	10.00		102	70-130			
Hexachloroethane	12.1		ug/L	10.00		121	70-130			
Isopropylbenzene	8.69		ug/L	10.00		87	70-130			
Methyl tert-Butyl Ether	8.71		ug/L	10.00		87	70-130			

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
Methylene Chloride	10.2		ug/L	10.00		102	70-130			
Naphthalene	11.0		ug/L	10.00		110	70-130			
n-Butylbenzene	11.3		ug/L	10.00		113	70-130			
n-Propylbenzene	9.82		ug/L	10.00		98	70-130			
sec-Butylbenzene	11.2		ug/L	10.00		112	70-130			
Styrene	9.54		ug/L	10.00		95	70-130			
tert-Butylbenzene	10.8		ug/L	10.00		108	70-130			
Tertiary-amyl methyl ether	8.51		ug/L	10.00		85	70-130			
Tetrachloroethene	10.2		ug/L	10.00		102	70-130			
Tetrahydrofuran	9.29		ug/L	10.00		93	70-130			
Toluene	9.70		ug/L	10.00		97	70-130			
trans-1,2-Dichloroethene	9.23		ug/L	10.00		92	70-130			
trans-1,3-Dichloropropene	8.64		ug/L	10.00		86	70-130			
Trichloroethene	9.45		ug/L	10.00		94	70-130			
Trichlorofluoromethane	7.98		ug/L	10.00		80	70-130			
Vinyl Acetate	11.2		ug/L	10.00		112	70-130			
Vinyl Chloride	9.06		ug/L	10.00		91	70-130			
Xylene O	9.91		ug/L	10.00		99	70-130			
Xylene P,M	20.0		ug/L	20.00		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0242*		mg/L	*0.02500*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0260*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0257*		mg/L	*0.02500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.0275*		mg/L	*0.02500*		*110*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.00		101	70-130	2	25	
1,1,1-Trichloroethane	9.28		ug/L	10.00		93	70-130	0.1	25	
1,1,2,2-Tetrachloroethane	9.59		ug/L	10.00		96	70-130	0.8	25	
1,1,2-Trichloroethane	9.56		ug/L	10.00		96	70-130	0.8	25	
1,1-Dichloroethane	9.70		ug/L	10.00		97	70-130	2	25	
1,1-Dichloroethene	10.2		ug/L	10.00		102	70-130	1	25	
1,1-Dichloropropene	9.21		ug/L	10.00		92	70-130	1	25	
1,2,3-Trichlorobenzene	10.9		ug/L	10.00		109	70-130	9	25	
1,2,3-Trichloropropane	9.64		ug/L	10.00		96	70-130	1	25	
1,2,4-Trichlorobenzene	10.2		ug/L	10.00		102	70-130	10	25	
1,2,4-Trimethylbenzene	9.28		ug/L	10.00		93	70-130	10	25	
1,2-Dibromo-3-Chloropropane	9.66		ug/L	10.00		97	70-130	3	25	
1,2-Dibromoethane	9.83		ug/L	10.00		98	70-130	0.5	25	
1,2-Dichlorobenzene	9.96		ug/L	10.00		100	70-130	4	25	
1,2-Dichloroethane	9.36		ug/L	10.00		94	70-130	3	25	
1,2-Dichloropropane	9.62		ug/L	10.00		96	70-130	0.3	25	
1,3,5-Trimethylbenzene	9.56		ug/L	10.00		96	70-130	8	25	
1,3-Dichlorobenzene	9.54		ug/L	10.00		95	70-130	5	25	
1,3-Dichloropropane	10.2		ug/L	10.00		102	70-130	0.6	25	
1,4-Dichlorobenzene	9.88		ug/L	10.00		99	70-130	0.6	25	
1,4-Dioxane - Screen	232		ug/L	200.0		116	0-332	32	200	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
1-Chlorohexane	9.53		ug/L	10.00		95	70-130	2	25	
2,2-Dichloropropane	9.39		ug/L	10.00		94	70-130	0.7	25	
2-Butanone	48.3		ug/L	50.00		97	70-130	9	25	
2-Chlorotoluene	9.64		ug/L	10.00		96	70-130	4	25	
2-Hexanone	49.4		ug/L	50.00		99	70-130	6	25	
4-Chlorotoluene	9.43		ug/L	10.00		94	70-130	0	25	
4-Isopropyltoluene	9.76		ug/L	10.00		98	70-130	10	25	
4-Methyl-2-Pentanone	47.6		ug/L	50.00		95	70-130	2	25	
Acetone	49.7		ug/L	50.00		99	70-130	18	25	
Benzene	9.64		ug/L	10.00		96	70-130	0.3	25	
Bromobenzene	9.71		ug/L	10.00		97	70-130	2	25	
Bromochloromethane	9.77		ug/L	10.00		98	70-130	5	25	
Bromodichloromethane	9.70		ug/L	10.00		97	70-130	1	25	
Bromoform	11.5		ug/L	10.00		115	70-130	0.8	25	
Bromomethane	8.53		ug/L	10.00		85	70-130	2	25	
Carbon Disulfide	11.6		ug/L	10.00		116	70-130	1	25	
Carbon Tetrachloride	10.0		ug/L	10.00		100	70-130	0.5	25	
Chlorobenzene	9.97		ug/L	10.00		100	70-130	0.9	25	
Chloroethane	9.51		ug/L	10.00		95	70-130	0.1	25	
Chloroform	9.59		ug/L	10.00		96	70-130	3	25	
Chloromethane	7.56		ug/L	10.00		76	70-130	3	25	
cis-1,2-Dichloroethene	9.83		ug/L	10.00		98	70-130	0	25	
cis-1,3-Dichloropropene	9.25		ug/L	10.00		92	70-130	0.8	25	
Dibromochloromethane	10.7		ug/L	10.00		107	70-130	0.7	25	
Dibromomethane	9.09		ug/L	10.00		91	70-130	2	25	
Dichlorodifluoromethane	7.92		ug/L	10.00		79	70-130	4	25	
Diethyl Ether	10.6		ug/L	10.00		106	70-130	0.9	25	
Di-isopropyl ether	9.67		ug/L	10.00		97	70-130	2	25	
Ethyl tertiary-butyl ether	8.68		ug/L	10.00		87	70-130	0.6	25	
Ethylbenzene	9.54		ug/L	10.00		95	70-130	2	25	
Hexachlorobutadiene	9.85		ug/L	10.00		98	70-130	3	25	
Hexachloroethane	10.8		ug/L	10.00		108	70-130	11	25	
Isopropylbenzene	8.16		ug/L	10.00		82	70-130	6	25	
Methyl tert-Butyl Ether	8.92		ug/L	10.00		89	70-130	2	25	
Methylene Chloride	10.3		ug/L	10.00		103	70-130	0.3	25	
Naphthalene	9.44		ug/L	10.00		94	70-130	16	25	
n-Butylbenzene	10.5		ug/L	10.00		105	70-130	7	25	
n-Propylbenzene	9.25		ug/L	10.00		92	70-130	6	25	
sec-Butylbenzene	10.1		ug/L	10.00		101	70-130	10	25	
Styrene	9.31		ug/L	10.00		93	70-130	2	25	
tert-Butylbenzene	9.74		ug/L	10.00		97	70-130	10	25	
Tertiary-amyl methyl ether	8.40		ug/L	10.00		84	70-130	1	25	
Tetrachloroethene	9.90		ug/L	10.00		99	70-130	3	25	
Tetrahydrofuran	9.83		ug/L	10.00		98	70-130	6	25	
Toluene	9.52		ug/L	10.00		95	70-130	2	25	

TC 8/25/10

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
trans-1,2-Dichloroethene	9.05		ug/L	10.00		90	70-130	2	25	
trans-1,3-Dichloropropene	8.66		ug/L	10.00		87	70-130	0.2	25	
Trichloroethene	9.46		ug/L	10.00		95	70-130	0.1	25	
Trichlorofluoromethane	8.11		ug/L	10.00		81	70-130	2	25	
Vinyl Acetate	11.5		ug/L	10.00		115	70-130	3	25	
Vinyl Chloride	9.12		ug/L	10.00		91	70-130	0.7	25	
Xylene O	9.89		ug/L	10.00		99	70-130	0.2	25	
Xylene P,M	20.1		ug/L	20.00		100	70-130	0.2	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0244*		mg/L	*0.02500*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0256*		mg/L	*0.02500*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0261*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.0277*		mg/L	*0.02500*		*111*	*70-130*			
Matrix Spike **Source: 1008142-03**										
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.00	ND	104	70-130			
1,1,1-Trichloroethane	9.99		ug/L	10.00	0.100	99	70-130			
1,1,2,2-Tetrachloroethane	10.1		ug/L	10.00	ND	101	70-130			
1,1,2-Trichloroethane	13.4		ug/L	10.00	2.89	105	70-130			
1,1-Dichloroethane	9.89		ug/L	10.00	ND	99	70-130			
1,1-Dichloroethene	16.6		ug/L	10.00	6.07	105	70-130			
1,1-Dichloropropene	9.51		ug/L	10.00	ND	95	70-130			
1,2,3-Trichlorobenzene	8.58		ug/L	10.00	ND	86	70-130			
1,2,3-Trichloropropane	9.98		ug/L	10.00	ND	100	70-130			
1,2,4-Trichlorobenzene	8.34		ug/L	10.00	ND	83	70-130			
1,2,4-Trimethylbenzene	8.99		ug/L	10.00	ND	90	70-130			
1,2-Dibromo-3-Chloropropane	9.48		ug/L	10.00	ND	95	70-130			
1,2-Dibromoethane	9.97		ug/L	10.00	ND	100	70-130			
1,2-Dichlorobenzene	9.67		ug/L	10.00	ND	97	70-130			
1,2-Dichloroethane	11.6		ug/L	10.00	1.99	96	70-130			
1,2-Dichloropropane	11.8		ug/L	10.00	ND	118	70-130			
1,3,5-Trimethylbenzene	9.09		ug/L	10.00	ND	91	70-130			
1,3-Dichlorobenzene	9.47		ug/L	10.00	ND	95	70-130			
1,3-Dichloropropane	10.1		ug/L	10.00	ND	101	70-130			
1,4-Dichlorobenzene	11.0		ug/L	10.00	ND	110	70-130			
1,4-Dioxane - Screen	69.4		ug/L	200.0	ND	35	0-332			
1-Chlorohexane	8.71		ug/L	10.00	ND	87	70-130			
2,2-Dichloropropane	8.66		ug/L	10.00	ND	87	70-130			
2-Butanone	47.3		ug/L	50.00	ND	95	70-130			
2-Chlorotoluene	9.55		ug/L	10.00	ND	96	70-130			
2-Hexanone	46.5		ug/L	50.00	ND	93	70-130			
4-Chlorotoluene	9.39		ug/L	10.00	ND	94	70-130			
4-Isopropyltoluene	8.64		ug/L	10.00	ND	86	70-130			
4-Methyl-2-Pentanone	48.8		ug/L	50.00	ND	98	70-130			
Acetone	46.3		ug/L	50.00	ND	93	70-130			
Benzene	10.5		ug/L	10.00	0.650	99	70-130			
Bromobenzene	10.2		ug/L	10.00	ND	102	70-130			

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
Bromochloromethane	10.1		ug/L	10.00	ND	101	70-130			
Bromodichloromethane	10.5		ug/L	10.00	ND	105	70-130			
Bromoform	11.1		ug/L	10.00	ND	111	70-130			
Bromomethane	6.55		ug/L	10.00	ND	66	70-130			M-
Carbon Disulfide	12.0		ug/L	10.00	ND	120	70-130			
Carbon Tetrachloride	10.5		ug/L	10.00	ND	105	70-130			
Chlorobenzene	10.1		ug/L	10.00	ND	101	70-130			
Chloroethane	9.79		ug/L	10.00	ND	98	70-130			
Chloroform	10.0		ug/L	10.00	ND	100	70-130			
Chloromethane	7.93		ug/L	10.00	ND	79	70-130			
cis-1,2-Dichloroethene	111		ug/L	10.00	98.0	127	70-130			E
cis-1,3-Dichloropropene	9.22		ug/L	10.00	ND	92	70-130			
Dibromochloromethane	10.6		ug/L	10.00	ND	106	70-130			
Dibromomethane	9.28		ug/L	10.00	ND	93	70-130			
Dichlorodifluoromethane	8.43		ug/L	10.00	ND	84	70-130			
Diethyl Ether	10.4		ug/L	10.00	ND	104	70-130			
Di-isopropyl ether	9.13		ug/L	10.00	ND	91	70-130			
Ethyl tertiary-butyl ether	8.40		ug/L	10.00	ND	84	70-130			
Ethylbenzene	9.51		ug/L	10.00	ND	95	70-130			
Hexachlorobutadiene	8.28		ug/L	10.00	ND	83	70-130			
Hexachloroethane	9.79		ug/L	10.00	ND	98	70-130			
Isopropylbenzene	7.99		ug/L	10.00	ND	80	70-130			
Methyl tert-Butyl Ether	8.36		ug/L	10.00	ND	84	70-130			
Methylene Chloride	10.2		ug/L	10.00	ND	102	70-130			
Naphthalene	7.87		ug/L	10.00	ND	79	70-130			
n-Butylbenzene	8.86		ug/L	10.00	ND	89	70-130			
n-Propylbenzene	8.89		ug/L	10.00	ND	89	70-130			
sec-Butylbenzene	9.18		ug/L	10.00	ND	92	70-130			
Styrene	8.91		ug/L	10.00	ND	89	70-130			
tert-Butylbenzene	9.06		ug/L	10.00	ND	91	70-130			
Tertiary-amyl methyl ether	7.80		ug/L	10.00	ND	78	70-130			
Tetrachloroethene	19.5		ug/L	10.00	9.47	100	70-130			
Tetrahydrofuran	10.5		ug/L	10.00	ND	105	70-130			
Toluene	9.95		ug/L	10.00	ND	100	70-130			
trans-1,2-Dichloroethene	9.88		ug/L	10.00	0.600	93	70-130			
trans-1,3-Dichloropropene	8.58		ug/L	10.00	ND	86	70-130			
Trichloroethene	769		ug/L	10.00	793	NR	70-130			E
Trichlorofluoromethane	7.08		ug/L	10.00	ND	71	70-130			
Vinyl Acetate	10.3		ug/L	10.00	ND	103	70-130			
Vinyl Chloride	10.7		ug/L	10.00	1.42	93	70-130			
Xylene O	9.60		ug/L	10.00	ND	96	70-130			
Xylene P,M	19.5		ug/L	20.00	ND	97	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0254*		mg/L	*0.02500*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0251*		mg/L	*0.02500*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0268*		mg/L	*0.02500*		*107*	*70-130*			

VJ Qual samples

TC 8/23/10

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
Surrogate: Toluene-d8	*0.0272*		mg/L	*0.02500*		*109*	*70-130*			
Matrix Spike Dup **Source: 1008142-03**										
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.00	ND	102	70-130	1	30	
1,1,1-Trichloroethane	9.70		ug/L	10.00	0.100	96	70-130	3	30	
1,1,2,2-Tetrachloroethane	9.66		ug/L	10.00	ND	97	70-130	4	30	
1,1,2-Trichloroethane	13.0		ug/L	10.00	2.89	101	70-130	4	30	
1,1-Dichloroethane	9.95		ug/L	10.00	ND	100	70-130	0.6	30	
1,1-Dichloroethene	16.6		ug/L	10.00	6.07	105	70-130	0.09	30	
1,1-Dichloropropene	9.37		ug/L	10.00	ND	94	70-130	1	30	
1,2,3-Trichlorobenzene	9.53		ug/L	10.00	ND	95	70-130	10	30	
1,2,3-Trichloropropane	9.48		ug/L	10.00	ND	95	70-130	5	30	
1,2,4-Trichlorobenzene	9.10		ug/L	10.00	ND	91	70-130	9	30	
1,2,4-Trimethylbenzene	9.29		ug/L	10.00	ND	93	70-130	3	30	
1,2-Dibromo-3-Chloropropane	8.66		ug/L	10.00	ND	87	70-130	9	30	
1,2-Dibromoethane	9.65		ug/L	10.00	ND	96	70-130	3	30	
1,2-Dichlorobenzene	10.1		ug/L	10.00	ND	101	70-130	4	30	
1,2-Dichloroethane	11.3		ug/L	10.00	1.99	93	70-130	4	30	
1,2-Dichloropropane	11.8		ug/L	10.00	ND	118	70-130	0.5	30	
1,3,5-Trimethylbenzene	9.39		ug/L	10.00	ND	94	70-130	3	30	
1,3-Dichlorobenzene	10.0		ug/L	10.00	ND	100	70-130	6	30	
1,3-Dichloropropane	9.96		ug/L	10.00	ND	100	70-130	1	30	
1,4-Dichlorobenzene	10.4		ug/L	10.00	ND	104	70-130	6	30	
1,4-Dioxane - Screen	183		ug/L	200.0	ND	91	0-332	90	200	
1-Chlorohexane	8.78		ug/L	10.00	ND	88	70-130	0.8	30	
2,2-Dichloropropane	8.64		ug/L	10.00	ND	86	70-130	0.2	30	
2-Butanone	44.2		ug/L	50.00	ND	88	70-130	7	30	
2-Chlorotoluene	10.0		ug/L	10.00	ND	100	70-130	5	30	
2-Hexanone	45.8		ug/L	50.00	ND	92	70-130	2	30	
4-Chlorotoluene	9.39		ug/L	10.00	ND	94	70-130	0	30	
4-Isopropyltoluene	9.28		ug/L	10.00	ND	93	70-130	7	30	
4-Methyl-2-Pentanone	44.5		ug/L	50.00	ND	89	70-130	9	30	
Acetone	41.5		ug/L	50.00	ND	83	70-130	11	30	
Benzene	10.4		ug/L	10.00	0.650	98	70-130	1	30	
Bromobenzene	10.1		ug/L	10.00	ND	101	70-130	1	30	
Bromochloromethane	9.90		ug/L	10.00	ND	99	70-130	2	30	
Bromodichloromethane	10.1		ug/L	10.00	ND	101	70-130	3	30	
Bromoform	10.9		ug/L	10.00	ND	109	70-130	2	30	
Bromomethane	7.06		ug/L	10.00	ND	71	70-130	7	30	
Carbon Disulfide	12.2		ug/L	10.00	ND	122	70-130	2	30	
Carbon Tetrachloride	10.4		ug/L	10.00	ND	104	70-130	1	30	
Chlorobenzene	9.95		ug/L	10.00	ND	100	70-130	2	30	
Chloroethane	10.3		ug/L	10.00	ND	103	70-130	5	30	
Chloroform	9.82		ug/L	10.00	ND	98	70-130	2	30	
Chloromethane	7.70		ug/L	10.00	ND	77	70-130	3	30	

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01208 - 5030B										
cis-1,2-Dichloroethene	112		ug/L	10.00	98.0	136	70-130	7	30	E
cis-1,3-Dichloropropene	9.20		ug/L	10.00	ND	92	70-130	0.2	30	
Dibromochloromethane	10.7		ug/L	10.00	ND	107	70-130	0.09	30	
Dibromomethane	9.23		ug/L	10.00	ND	92	70-130	0.5	30	
Dichlorodifluoromethane	8.65		ug/L	10.00	ND	86	70-130	3	30	
Diethyl Ether	10.4		ug/L	10.00	ND	104	70-130	0.6	30	
Di-isopropyl ether	9.17		ug/L	10.00	ND	92	70-130	0.4	30	
Ethyl tertiary-butyl ether	8.20		ug/L	10.00	ND	82	70-130	2	30	
Ethylbenzene	9.52		ug/L	10.00	ND	95	70-130	0.1	30	
Hexachlorobutadiene	8.84		ug/L	10.00	ND	88	70-130	7	30	
Hexachloroethane	10.5		ug/L	10.00	ND	105	70-130	7	30	
Isopropylbenzene	8.27		ug/L	10.00	ND	83	70-130	3	30	
Methyl tert-Butyl Ether	8.28		ug/L	10.00	ND	83	70-130	1	30	
Methylene Chloride	10.0		ug/L	10.00	ND	100	70-130	2	30	
Naphthalene	8.16		ug/L	10.00	ND	82	70-130	4	30	
n-Butylbenzene	9.58		ug/L	10.00	ND	96	70-130	8	30	
n-Propylbenzene	9.16		ug/L	10.00	ND	92	70-130	3	30	
sec-Butylbenzene	9.82		ug/L	10.00	ND	98	70-130	7	30	
Styrene	8.85		ug/L	10.00	ND	88	70-130	0.7	30	
tert-Butylbenzene	9.75		ug/L	10.00	ND	98	70-130	7	30	
Tertiary-amyl methyl ether	7.71		ug/L	10.00	ND	77	70-130	1	30	
Tetrachloroethene	20.2		ug/L	10.00	9.47	107	70-130	6	30	
Tetrahydrofuran	8.93		ug/L	10.00	ND	89	70-130	16	30	
Toluene	9.93		ug/L	10.00	ND	99	70-130	0.2	30	
trans-1,2-Dichloroethene	9.70		ug/L	10.00	0.600	91	70-130	2	30	
trans-1,3-Dichloropropene	8.39		ug/L	10.00	ND	84	70-130	2	30	
Trichloroethene	742		ug/L	10.00	793	NR	70-130	NR	30	E
Trichlorofluoromethane	8.54		ug/L	10.00	ND	85	70-130	19	30	
Vinyl Acetate	9.52		ug/L	10.00	ND	95	70-130	8	30	
Vinyl Chloride	10.8		ug/L	10.00	1.42	94	70-130	1	30	
Xylene O	9.53		ug/L	10.00	ND	95	70-130	0.7	30	
Xylene P,M	20.0		ug/L	20.00	ND	100	70-130	3	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0253*		mg/L	*0.02500*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0254*		mg/L	*0.02500*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0270*		mg/L	*0.02500*		*108*	*70-130*			
Surrogate: Toluene-d8	*0.0274*		mg/L	*0.02500*		*110*	*70-130*			
Batch CH01314 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							

104% (TC)

E OK ✓

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01314 - 5030B										
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	0.0001	0.0010	mg/L							J
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01314 - 5030B										
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0216*		mg/L	*0.02500*		*87*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0228*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0232*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Toluene-d8	*0.0259*		mg/L	*0.02500*		*104*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.00		109	70-130			
1,1,1-Trichloroethane	10.2		ug/L	10.00		102	70-130			
1,1,2,2-Tetrachloroethane	9.95		ug/L	10.00		100	70-130			
1,1,2-Trichloroethane	10.0		ug/L	10.00		100	70-130			
1,1-Dichloroethane	10.1		ug/L	10.00		101	70-130			
1,1-Dichloroethene	10.8		ug/L	10.00		108	70-130			
1,1-Dichloropropene	10.2		ug/L	10.00		102	70-130			
1,2,3-Trichlorobenzene	11.5		ug/L	10.00		115	70-130			
1,2,3-Trichloropropane	10.2		ug/L	10.00		102	70-130			
1,2,4-Trichlorobenzene	11.1		ug/L	10.00		111	70-130			
1,2,4-Trimethylbenzene	10.4		ug/L	10.00		104	70-130			
1,2-Dibromo-3-Chloropropane	9.42		ug/L	10.00		94	70-130			
1,2-Dibromoethane	10.4		ug/L	10.00		104	70-130			
1,2-Dichlorobenzene	10.7		ug/L	10.00		107	70-130			
1,2-Dichloroethane	9.79		ug/L	10.00		98	70-130			
1,2-Dichloropropane	10.3		ug/L	10.00		103	70-130			
1,3,5-Trimethylbenzene	10.5		ug/L	10.00		105	70-130			
1,3-Dichlorobenzene	10.4		ug/L	10.00		104	70-130			

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01314 - 5030B										
1,3-Dichloropropane	10.5		ug/L	10.00		105	70-130			
1,4-Dichlorobenzene	10.7		ug/L	10.00		107	70-130			
1,4-Dioxane - Screen	314		ug/L	200.0		157	0-332			
1-Chlorohexane	9.84		ug/L	10.00		98	70-130			
2,2-Dichloropropane	9.64		ug/L	10.00		96	70-130			
2-Butanone	68.7		ug/L	50.00		137	70-130			B+
2-Chlorotoluene	10.4		ug/L	10.00		104	70-130			
2-Hexanone	80.8		ug/L	50.00		162	70-130			B+
4-Chlorotoluene	9.99		ug/L	10.00		100	70-130			
4-Isopropyltoluene	10.9		ug/L	10.00		109	70-130			
4-Methyl-2-Pentanone	48.8		ug/L	50.00		98	70-130			
Acetone	103		ug/L	50.00		207	70-130			B+
Benzene	10.0		ug/L	10.00		100	70-130			
Bromobenzene	10.5		ug/L	10.00		105	70-130			
Bromochloromethane	10.4		ug/L	10.00		104	70-130			
Bromodichloromethane	10.3		ug/L	10.00		103	70-130			
Bromoform	11.7		ug/L	10.00		117	70-130			
Bromomethane	9.01		ug/L	10.00		90	70-130			
Carbon Disulfide	12.5		ug/L	10.00		125	70-130			
Carbon Tetrachloride	10.8		ug/L	10.00		108	70-130			
Chlorobenzene	10.5		ug/L	10.00		105	70-130			
Chloroethane	10.1		ug/L	10.00		101	70-130			
Chloroform	10.3		ug/L	10.00		103	70-130			
Chloromethane	8.10		ug/L	10.00		81	70-130			
cis-1,2-Dichloroethene	10.4		ug/L	10.00		104	70-130			
cis-1,3-Dichloropropene	9.81		ug/L	10.00		98	70-130			
Dibromochloromethane	11.3		ug/L	10.00		113	70-130			
Dibromomethane	9.68		ug/L	10.00		97	70-130			
Dichlorodifluoromethane	9.00		ug/L	10.00		90	70-130			
Diethyl Ether	10.5		ug/L	10.00		105	70-130			
Di-isopropyl ether	9.86		ug/L	10.00		99	70-130			
Ethyl tertiary-butyl ether	8.71		ug/L	10.00		87	70-130			
Ethylbenzene	10.1		ug/L	10.00		101	70-130			
Hexachlorobutadiene	11.0		ug/L	10.00		110	70-130			
Hexachloroethane	12.8		ug/L	10.00		128	70-130			
Isopropylbenzene	8.85		ug/L	10.00		88	70-130			
Methyl tert-Butyl Ether	8.85		ug/L	10.00		88	70-130			
Methylene Chloride	10.4		ug/L	10.00		104	70-130			
Naphthalene	9.76		ug/L	10.00		98	70-130			
n-Butylbenzene	11.4		ug/L	10.00		114	70-130			
n-Propylbenzene	10.1		ug/L	10.00		101	70-130			
sec-Butylbenzene	11.6		ug/L	10.00		116	70-130			
Styrene	9.68		ug/L	10.00		97	70-130			
tert-Butylbenzene	11.0		ug/L	10.00		110	70-130			
Tertiary-amyl methyl ether	8.27		ug/L	10.00		83	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01314 - 5030B										
Tetrachloroethene	12.0		ug/L	10.00		120	70-130			
Tetrahydrofuran	9.75		ug/L	10.00		98	70-130			
Toluene	10.2		ug/L	10.00		102	70-130			
trans-1,2-Dichloroethene	9.48		ug/L	10.00		95	70-130			
trans-1,3-Dichloropropene	8.90		ug/L	10.00		89	70-130			
Trichloroethene	9.96		ug/L	10.00		100	70-130			
Trichlorofluoromethane	9.03		ug/L	10.00		90	70-130			
Vinyl Acetate	11.0		ug/L	10.00		110	70-130			
Vinyl Chloride	9.75		ug/L	10.00		98	70-130			
Xylene O	10.4		ug/L	10.00		104	70-130			
Xylene P,M	21.2		ug/L	20.00		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0250*		mg/L	*0.02500*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0259*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0265*		mg/L	*0.02500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.0271*		mg/L	*0.02500*		*108*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.00		106	70-130	3	25	
1,1,1-Trichloroethane	10.3		ug/L	10.00		103	70-130	2	25	
1,1,2,2-Tetrachloroethane	10.2		ug/L	10.00		102	70-130	2	25	
1,1,2-Trichloroethane	10.2		ug/L	10.00		102	70-130	1	25	
1,1-Dichloroethane	10.3		ug/L	10.00		103	70-130	2	25	
1,1-Dichloroethene	10.7		ug/L	10.00		107	70-130	1	25	
1,1-Dichloropropene	10.3		ug/L	10.00		103	70-130	0.4	25	
1,2,3-Trichlorobenzene	11.0		ug/L	10.00		110	70-130	4	25	
1,2,3-Trichloropropane	10.2		ug/L	10.00		102	70-130	0.1	25	
1,2,4-Trichlorobenzene	10.4		ug/L	10.00		104	70-130	6	25	
1,2,4-Trimethylbenzene	9.92		ug/L	10.00		99	70-130	5	25	
1,2-Dibromo-3-Chloropropane	8.81		ug/L	10.00		88	70-130	7	25	
1,2-Dibromoethane	10.3		ug/L	10.00		103	70-130	0.7	25	
1,2-Dichlorobenzene	10.6		ug/L	10.00		106	70-130	1	25	
1,2-Dichloroethane	9.94		ug/L	10.00		99	70-130	2	25	
1,2-Dichloropropane	10.4		ug/L	10.00		104	70-130	1	25	
1,3,5-Trimethylbenzene	10.2		ug/L	10.00		102	70-130	2	25	
1,3-Dichlorobenzene	10.5		ug/L	10.00		105	70-130	0.6	25	
1,3-Dichloropropane	10.7		ug/L	10.00		107	70-130	2	25	
1,4-Dichlorobenzene	10.5		ug/L	10.00		105	70-130	2	25	
1,4-Dioxane - Screen	246		ug/L	200.0		123	0-332	24	200	
1-Chlorohexane	9.50		ug/L	10.00		95	70-130	4	25	
2,2-Dichloropropane	9.51		ug/L	10.00		95	70-130	1	25	
2-Butanone	66.5		ug/L	50.00		133	70-130	3	25	B+
2-Chlorotoluene	10.5		ug/L	10.00		105	70-130	0.8	25	
2-Hexanone	72.1		ug/L	50.00		144	70-130	11	25	B+
4-Chlorotoluene	9.80		ug/L	10.00		98	70-130	2	25	
4-Isopropyltoluene	10.2		ug/L	10.00		102	70-130	7	25	
4-Methyl-2-Pentanone	48.3		ug/L	50.00		97	70-130	1	25	

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01314 - 5030B										
Acetone	95.4		ug/L	50.00		191	70-130	8	25	B+
Benzene	10.2		ug/L	10.00		102	70-130	2	25	
Bromobenzene	10.6		ug/L	10.00		106	70-130	0.4	25	
Bromochloromethane	10.5		ug/L	10.00		105	70-130	2	25	
Bromodichloromethane	10.2		ug/L	10.00		102	70-130	0.6	25	
Bromoform	11.6		ug/L	10.00		116	70-130	1	25	
Bromomethane	8.99		ug/L	10.00		90	70-130	0.2	25	
Carbon Disulfide	12.6		ug/L	10.00		126	70-130	0.3	25	
Carbon Tetrachloride	10.9		ug/L	10.00		109	70-130	0.9	25	
Chlorobenzene	10.5		ug/L	10.00		105	70-130	0.5	25	
Chloroethane	9.81		ug/L	10.00		98	70-130	3	25	
Chloroform	10.2		ug/L	10.00		102	70-130	1	25	
Chloromethane	8.16		ug/L	10.00		82	70-130	0.7	25	
cis-1,2-Dichloroethene	10.6		ug/L	10.00		106	70-130	2	25	
cis-1,3-Dichloropropene	9.72		ug/L	10.00		97	70-130	0.9	25	
Dibromochloromethane	11.0		ug/L	10.00		110	70-130	2	25	
Dibromomethane	9.79		ug/L	10.00		98	70-130	1	25	
Dichlorodifluoromethane	8.96		ug/L	10.00		90	70-130	0.4	25	
Diethyl Ether	11.3		ug/L	10.00		113	70-130	7	25	
Di-isopropyl ether	9.91		ug/L	10.00		99	70-130	0.5	25	
Ethyl tertiary-butyl ether	9.00		ug/L	10.00		90	70-130	3	25	
Ethylbenzene	9.92		ug/L	10.00		99	70-130	2	25	
Hexachlorobutadiene	10.8		ug/L	10.00		108	70-130	2	25	
Hexachloroethane	11.7		ug/L	10.00		117	70-130	9	25	
Isopropylbenzene	8.60		ug/L	10.00		86	70-130	3	25	
Methyl tert-Butyl Ether	9.06		ug/L	10.00		91	70-130	2	25	
Methylene Chloride	10.7		ug/L	10.00		107	70-130	3	25	
Naphthalene	8.82		ug/L	10.00		88	70-130	10	25	
n-Butylbenzene	10.9		ug/L	10.00		109	70-130	5	25	
n-Propylbenzene	9.71		ug/L	10.00		97	70-130	4	25	
sec-Butylbenzene	11.1		ug/L	10.00		111	70-130	4	25	
Styrene	9.50		ug/L	10.00		95	70-130	2	25	
tert-Butylbenzene	10.3		ug/L	10.00		103	70-130	7	25	
Tertiary-amyl methyl ether	8.43		ug/L	10.00		84	70-130	2	25	
Tetrachloroethene	11.4		ug/L	10.00		114	70-130	5	25	
Tetrahydrofuran	10.5		ug/L	10.00		105	70-130	7	25	
Toluene	10.4		ug/L	10.00		104	70-130	2	25	
trans-1,2-Dichloroethene	9.66		ug/L	10.00		97	70-130	2	25	
trans-1,3-Dichloropropene	9.29		ug/L	10.00		93	70-130	4	25	
Trichloroethene	10.1		ug/L	10.00		101	70-130	1	25	
Trichlorofluoromethane	8.94		ug/L	10.00		89	70-130	1	25	
Vinyl Acetate	11.6		ug/L	10.00		116	70-130	5	25	
Vinyl Chloride	9.78		ug/L	10.00		98	70-130	0.3	25	
Xylene O	10.1		ug/L	10.00		101	70-130	3	25	
Xylene P,M	20.6		ug/L	20.00		103	70-130	3	25	

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01314 - 5030B										
Surrogate: 1,2-Dichloroethane-d4	*0.0254*		mg/L	*0.02500*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0264*		mg/L	*0.02500*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0268*		mg/L	*0.02500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.0268*		mg/L	*0.02500*		*107*	*70-130*			
Batch CH01616 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							

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Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
Tetrahydrofuran	ND	0.0050	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
trans-1,3-Dichloropropene	ND	0.0005	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0217*		mg/L	*0.02500*		*87*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.0217*		mg/L	*0.02500*		*87*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0234*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0234*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0229*		mg/L	*0.02500*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0229*		mg/L	*0.02500*		*92*	*70-130*			
Surrogate: Toluene-d8	*0.0262*		mg/L	*0.02500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.0262*		mg/L	*0.02500*		*105*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.00		98	70-130			
1,1,1-Trichloroethane	9.44		ug/L	10.00		94	70-130			
1,1,2,2-Tetrachloroethane	9.63		ug/L	10.00		96	70-130			
1,1,2-Trichloroethane	9.54		ug/L	10.00		95	70-130			
1,1-Dichloroethane	9.48		ug/L	10.00		95	70-130			
1,1-Dichloroethene	9.91		ug/L	10.00		99	70-130			
1,1-Dichloropropene	9.20		ug/L	10.00		92	70-130			
1,2,3-Trichlorobenzene	11.9		ug/L	10.00		119	70-130			
1,2,3-Trichloropropane	9.62		ug/L	10.00		96	70-130			
1,2,4-Trichlorobenzene	11.0		ug/L	10.00		110	70-130			
1,2,4-Trimethylbenzene	9.89		ug/L	10.00		99	70-130			
1,2-Dibromo-3-Chloropropane	10.1		ug/L	10.00		101	70-130			
1,2-Dibromoethane	9.88		ug/L	10.00		99	70-130			
1,2-Dichlorobenzene	10.4		ug/L	10.00		104	70-130			
1,2-Dichloroethane	9.19		ug/L	10.00		92	70-130			
1,2-Dichloropropane	9.82		ug/L	10.00		98	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
1,3,5-Trimethylbenzene	10.1		ug/L	10.00		101	70-130			
1,3-Dichlorobenzene	10.0		ug/L	10.00		100	70-130			
1,3-Dichloropropane	10.0		ug/L	10.00		100	70-130			
1,4-Dichlorobenzene	10.2		ug/L	10.00		102	70-130			
1,4-Dioxane - Screen	353		ug/L	200.0		176	0-332			
1-Chlorohexane	9.81		ug/L	10.00		98	70-130			
2,2-Dichloropropane	9.64		ug/L	10.00		96	70-130			
2-Butanone	56.0		ug/L	50.00		112	70-130			
2-Chlorotoluene	9.97		ug/L	10.00		100	70-130			
2-Hexanone	58.8		ug/L	50.00		118	70-130			
4-Chlorotoluene	9.63		ug/L	10.00		96	70-130			
4-Isopropyltoluene	10.4		ug/L	10.00		104	70-130			
4-Methyl-2-Pentanone	47.0		ug/L	50.00		94	70-130			
Acetone	72.3		ug/L	50.00		145	70-130			B+
Benzene	9.68		ug/L	10.00		97	70-130			
Bromobenzene	9.82		ug/L	10.00		98	70-130			
Bromochloromethane	9.51		ug/L	10.00		95	70-130			
Bromodichloromethane	9.74		ug/L	10.00		97	70-130			
Bromoform	11.3		ug/L	10.00		113	70-130			
Bromomethane	8.81		ug/L	10.00		88	70-130			
Carbon Disulfide	11.7		ug/L	10.00		117	70-130			
Carbon Tetrachloride	9.99		ug/L	10.00		100	70-130			
Chlorobenzene	9.81		ug/L	10.00		98	70-130			
Chloroethane	9.43		ug/L	10.00		94	70-130			
Chloroform	9.37		ug/L	10.00		94	70-130			
Chloromethane	7.86		ug/L	10.00		79	70-130			
cis-1,2-Dichloroethene	9.95		ug/L	10.00		100	70-130			
cis-1,3-Dichloropropene	9.61		ug/L	10.00		96	70-130			
Dibromochloromethane	10.7		ug/L	10.00		107	70-130			
Dibromomethane	9.29		ug/L	10.00		93	70-130			
Dichlorodifluoromethane	7.99		ug/L	10.00		80	70-130			
Diethyl Ether	10.6		ug/L	10.00		106	70-130			
Di-isopropyl ether	9.56		ug/L	10.00		96	70-130			
Ethyl tertiary-butyl ether	8.86		ug/L	10.00		89	70-130			
Ethylbenzene	9.54		ug/L	10.00		95	70-130			
Hexachlorobutadiene	10.5		ug/L	10.00		105	70-130			
Hexachloroethane	12.0		ug/L	10.00		120	70-130			
Isopropylbenzene	8.48		ug/L	10.00		85	70-130			
Methyl tert-Butyl Ether	8.75		ug/L	10.00		88	70-130			
Methylene Chloride	9.82		ug/L	10.00		98	70-130			
Naphthalene	10.6		ug/L	10.00		106	70-130			
n-Butylbenzene	11.2		ug/L	10.00		112	70-130			
n-Propylbenzene	9.85		ug/L	10.00		98	70-130			
sec-Butylbenzene	11.0		ug/L	10.00		110	70-130			
Styrene	9.18		ug/L	10.00		92	70-130			

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Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
tert-Butylbenzene	10.7		ug/L	10.00		107	70-130			
Tertiary-amyl methyl ether	8.60		ug/L	10.00		86	70-130			
Tetrachloroethene	9.66		ug/L	10.00		97	70-130			
Tetrahydrofuran	11.2		ug/L	10.00		112	70-130			
Toluene	9.83		ug/L	10.00		98	70-130			
trans-1,2-Dichloroethene	8.82		ug/L	10.00		88	70-130			
trans-1,3-Dichloropropene	8.83		ug/L	10.00		88	70-130			
Trichloroethene	9.44		ug/L	10.00		94	70-130			
Trichlorofluoromethane	8.17		ug/L	10.00		82	70-130			
Vinyl Acetate	11.2		ug/L	10.00		112	70-130			
Vinyl Chloride	8.96		ug/L	10.00		90	70-130			
Xylene O	9.54		ug/L	10.00		95	70-130			
Xylene P,M	19.8		ug/L	20.00		99	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0247*		mg/L	*0.02500*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0256*		mg/L	*0.02500*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0261*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.0272*		mg/L	*0.02500*		*109*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.00		98	70-130	0	25	
1,1,1-Trichloroethane	9.28		ug/L	10.00		93	70-130	2	25	
1,1,2,2-Tetrachloroethane	8.99		ug/L	10.00		90	70-130	7	25	
1,1,2-Trichloroethane	9.43		ug/L	10.00		94	70-130	1	25	
1,1-Dichloroethane	9.57		ug/L	10.00		96	70-130	0.9	25	
1,1-Dichloroethene	10.0		ug/L	10.00		100	70-130	1	25	
1,1-Dichloropropene	9.05		ug/L	10.00		90	70-130	2	25	
1,2,3-Trichlorobenzene	10.2		ug/L	10.00		102	70-130	15	25	
1,2,3-Trichloropropane	9.28		ug/L	10.00		93	70-130	4	25	
1,2,4-Trichlorobenzene	9.72		ug/L	10.00		97	70-130	13	25	
1,2,4-Trimethylbenzene	9.15		ug/L	10.00		92	70-130	8	25	
1,2-Dibromo-3-Chloropropane	9.13		ug/L	10.00		91	70-130	10	25	
1,2-Dibromoethane	9.44		ug/L	10.00		94	70-130	5	25	
1,2-Dichlorobenzene	9.42		ug/L	10.00		94	70-130	10	25	
1,2-Dichloroethane	8.85		ug/L	10.00		88	70-130	4	25	
1,2-Dichloropropane	9.39		ug/L	10.00		94	70-130	4	25	
1,3,5-Trimethylbenzene	9.43		ug/L	10.00		94	70-130	7	25	
1,3-Dichlorobenzene	9.29		ug/L	10.00		93	70-130	7	25	
1,3-Dichloropropane	9.41		ug/L	10.00		94	70-130	6	25	
1,4-Dichlorobenzene	9.38		ug/L	10.00		94	70-130	8	25	
1,4-Dioxane - Screen	211		ug/L	200.0		106	0-332	50	200	
1-Chlorohexane	9.28		ug/L	10.00		93	70-130	6	25	
2,2-Dichloropropane	9.53		ug/L	10.00		95	70-130	1	25	
2-Butanone	48.0		ug/L	50.00		96	70-130	15	25	
2-Chlorotoluene	9.22		ug/L	10.00		92	70-130	8	25	
2-Hexanone	47.5		ug/L	50.00		95	70-130	21	25	
4-Chlorotoluene	9.08		ug/L	10.00		91	70-130	6	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
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ESS Laboratory Work Order: 1008142

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
4-Isopropyltoluene	9.37		ug/L	10.00		94	70-130	10	25	
4-Methyl-2-Pentanone	44.4		ug/L	50.00		89	70-130	6	25	
Acetone	50.4		ug/L	50.00		101	70-130	36	25	D+
Benzene	9.46		ug/L	10.00		95	70-130	2	25	
Bromobenzene	9.29		ug/L	10.00		93	70-130	6	25	
Bromochloromethane	9.54		ug/L	10.00		95	70-130	0.3	25	
Bromodichloromethane	9.58		ug/L	10.00		96	70-130	2	25	
Bromoform	11.0		ug/L	10.00		110	70-130	3	25	
Bromomethane	8.19		ug/L	10.00		82	70-130	7	25	
Carbon Disulfide	11.5		ug/L	10.00		115	70-130	2	25	
Carbon Tetrachloride	9.70		ug/L	10.00		97	70-130	3	25	
Chlorobenzene	9.68		ug/L	10.00		97	70-130	1	25	
Chloroethane	9.51		ug/L	10.00		95	70-130	0.8	25	
Chloroform	9.32		ug/L	10.00		93	70-130	0.5	25	
Chloromethane	7.44		ug/L	10.00		74	70-130	5	25	
cis-1,2-Dichloroethene	9.53		ug/L	10.00		95	70-130	4	25	
cis-1,3-Dichloropropene	9.26		ug/L	10.00		93	70-130	4	25	
Dibromochloromethane	10.2		ug/L	10.00		102	70-130	5	25	
Dibromomethane	9.11		ug/L	10.00		91	70-130	2	25	
Dichlorodifluoromethane	7.77		ug/L	10.00		78	70-130	3	25	
Diethyl Ether	10.3		ug/L	10.00		103	70-130	3	25	
Di-isopropyl ether	9.17		ug/L	10.00		92	70-130	4	25	
Ethyl tertiary-butyl ether	8.67		ug/L	10.00		87	70-130	2	25	
Ethylbenzene	9.30		ug/L	10.00		93	70-130	3	25	
Hexachlorobutadiene	9.73		ug/L	10.00		97	70-130	8	25	
Hexachloroethane	10.6		ug/L	10.00		106	70-130	12	25	
Isopropylbenzene	7.84		ug/L	10.00		78	70-130	8	25	
Methyl tert-Butyl Ether	8.75		ug/L	10.00		88	70-130	0	25	
Methylene Chloride	9.58		ug/L	10.00		96	70-130	2	25	
Naphthalene	8.92		ug/L	10.00		89	70-130	17	25	
n-Butylbenzene	10.2		ug/L	10.00		102	70-130	10	25	
n-Propylbenzene	8.93		ug/L	10.00		89	70-130	10	25	
sec-Butylbenzene	9.93		ug/L	10.00		99	70-130	11	25	
Styrene	8.81		ug/L	10.00		88	70-130	4	25	
tert-Butylbenzene	9.42		ug/L	10.00		94	70-130	12	25	
Tertiary-amyl methyl ether	8.24		ug/L	10.00		82	70-130	4	25	
Tetrachloroethene	9.95		ug/L	10.00		100	70-130	3	25	
Tetrahydrofuran	10.3		ug/L	10.00		103	70-130	8	25	
Toluene	9.40		ug/L	10.00		94	70-130	4	25	
trans-1,2-Dichloroethene	8.75		ug/L	10.00		88	70-130	0.8	25	
trans-1,3-Dichloropropene	8.58		ug/L	10.00		86	70-130	3	25	
Trichloroethene	9.24		ug/L	10.00		92	70-130	2	25	
Trichlorofluoromethane	8.15		ug/L	10.00		82	70-130	0.2	25	
Vinyl Acetate	11.2		ug/L	10.00		112	70-130	0.09	25	
Vinyl Chloride	8.99		ug/L	10.00		90	70-130	0.3	25	

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CH01616 - 5030B										
Xylene O	9.32		ug/L	10.00		93	70-130	2	25	
Xylene P,M	19.2		ug/L	20.00		96	70-130	3	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0252*		mg/L	*0.02500*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0260*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0265*		mg/L	*0.02500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.0275*		mg/L	*0.02500*		*110*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1008142

Notes and Definitions

U	Analyte included in the analysis, but not detected
PH+	pH > 2 (PH+)
M-	Matrix Spike recovery is below lower control limit (M-).
J	Reported between MDL and MRL; Estimated value.
E	Reported above the quantitation limit; Estimated value (E).
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
C-	Continuing Calibration recovery is below lower control limit (C-).
B+	Blank Spike recovery is above upper control limit (B+).
B	Present in Method Blank (B).
ND	Analyte NOT DETECTED above the detection limit (LOD for DoD Reports)
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
LOD	Limit of Detection
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1008142

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP)
A2LA Accredited: Testing Cert# 2864.01
http://www.a2la.org/scopepdf/2864-01.pdf

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI0002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited) Potable and Non PotableWater, Solid and Hazardous Waste: 2424
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

South Carolina Volatile Organic Compounds in Potable Water: 78003

New Jersey Potable (VOA) and Non Potable Water (RCRA), Solids and Hazardous Waste: RI002
http://www.nj.gov/dep/oqa/certlabs.htm

Pensylvania Potable and Non Potable Water, Solid and Hazardous Waste: 68-01752
http://files.dep.state.pa.us/RegionalResources/Labs/LabsPortalFiles/2009-0911_accredited_laboratories.pdf

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

VOA
Data Package

VOA
Sample Data

ESS Laboratory

SDG: 1008142

CLASS: MSVOA

METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham

Client Sample Id:	Lab Sample Id:
GWMW239	1008142-01
GWMW240	1008142-02
GWMW236s	1008142-03
GWMW236s	1008142-03RE1
GWMW236s Dup	1008142-04
GWMW236s Dup	1008142-04RE1
GWMW 236D	1008142-05
GWMW242	1008142-06
GWMW241	1008142-07
GWMW241	1008142-07RE1
GWMW238D	1008142-08
GWMW238S	1008142-09
GWMW238S	1008142-09RE1
GWTB01	1008142-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____ Name: _____

Date: _____ Title: _____

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1008142

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.0002	0.0010	mg/L
1,1,1-Trichloroethane	0.0002	0.0010	mg/L
1,1,2,2-Tetrachloroethane	0.0001	0.0005	mg/L
1,1,2-Trichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethene	0.0003	0.0010	mg/L
1,1-Dichloropropene	0.0002	0.0020	mg/L
1,2,3-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,3-Trichloropropane	0.0003	0.0010	mg/L
1,2,4-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,4-Trimethylbenzene	0.0001	0.0010	mg/L
1,2-Dibromo-3-Chloropropane	0.0010	0.0050	mg/L
1,2-Dibromoethane	0.0002	0.0010	mg/L
1,2-Dichlorobenzene	0.0001	0.0010	mg/L
1,2-Dichloroethane	0.0002	0.0010	mg/L
1,2-Dichloropropane	0.0002	0.0010	mg/L
1,3,5-Trimethylbenzene	0.0001	0.0010	mg/L
1,3-Dichlorobenzene	0.0002	0.0010	mg/L
1,3-Dichloropropane	0.0001	0.0010	mg/L
1,4-Dichlorobenzene	0.0001	0.0010	mg/L
1,4-Dioxane - Screen	0.190	0.500	mg/L
1-Chlorohexane	0.0004	0.0010	mg/L
2,2-Dichloropropane	0.0003	0.0010	mg/L
2-Butanone	0.0058	0.0250	mg/L
2-Chlorotoluene	0.0001	0.0010	mg/L
2-Hexanone	0.0015	0.0100	mg/L
4-Chlorotoluene	0.0001	0.0010	mg/L
4-Isopropyltoluene	0.0001	0.0010	mg/L
4-Methyl-2-Pentanone	0.0016	0.0250	mg/L
Acetone	0.0050	0.0250	mg/L
Benzene	0.0001	0.0010	mg/L
Bromobenzene	0.0002	0.0020	mg/L
Bromochloromethane	0.0003	0.0010	mg/L
Bromodichloromethane	0.0001	0.0006	mg/L
Bromoform	0.0002	0.0010	mg/L
Bromomethane	0.0004	0.0020	mg/L
Carbon Disulfide	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1008142

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Carbon Tetrachloride	0.0001	0.0010	mg/L
Chlorobenzene	0.0001	0.0010	mg/L
Chloroethane	0.0004	0.0020	mg/L
Chloroform	0.0001	0.0010	mg/L
Chloromethane	0.0002	0.0020	mg/L
cis-1,2-Dichloroethene	0.0002	0.0010	mg/L
cis-1,3-Dichloropropene	0.0002	0.0004	mg/L
Dibromochloromethane	0.0002	0.0010	mg/L
Dibromomethane	0.0003	0.0010	mg/L
Dichlorodifluoromethane	0.0003	0.0020	mg/L
Diethyl Ether	0.0003	0.0010	mg/L
Di-isopropyl ether	0.0002	0.0010	mg/L
Ethyl tertiary-butyl ether	0.0001	0.0010	mg/L
Ethylbenzene	0.0001	0.0010	mg/L
Hexachlorobutadiene	0.0002	0.0006	mg/L
Hexachloroethane	0.0002	0.0010	mg/L
Isopropylbenzene	0.0001	0.0010	mg/L
Methyl tert-Butyl Ether	0.0003	0.0010	mg/L
Methylene Chloride	0.0002	0.0040	mg/L
Naphthalene	0.0002	0.0010	mg/L
n-Butylbenzene	0.0001	0.0010	mg/L
n-Propylbenzene	0.0002	0.0010	mg/L
sec-Butylbenzene	0.0001	0.0010	mg/L
Styrene	0.0001	0.0010	mg/L
tert-Butylbenzene	0.0001	0.0010	mg/L
Tertiary-amyl methyl ether	0.0002	0.0010	mg/L
Tetrachloroethene	0.0002	0.0010	mg/L
Tetrahydrofuran	0.0016	0.0050	mg/L
Toluene	0.0001	0.0010	mg/L
trans-1,2-Dichloroethene	0.0003	0.0010	mg/L
trans-1,3-Dichloropropene	0.0002	0.0004	mg/L
	0.0002	0.0005	mg/L
Trichloroethene	0.0002	0.0010	mg/L
Trichlorofluoromethane	0.0004	0.0010	mg/L
Vinyl Acetate	0.0005	0.0050	mg/L
Vinyl Chloride	0.0002	0.0010	mg/L
Xylene O	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1008142

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Xylene P,M	0.0002	0.0020	mg/L

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW239

Laboratory: ESS Laboratory SDG: 1008142

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Matrix: Ground Water Laboratory ID: 1008142-01 File ID: M340932.D

Sampled: 08/09/10 13:05 Prepared: 08/12/10 08:00 Analyzed: 08/12/10 14:42

Solids: Preparation: 5030B Initial/Final: 5 ml / 5 ml

Batch: CH01208 Sequence: CTH0087 Calibration: 1007010 Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW239

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-01	File ID:	M340932.D
Sampled:	08/09/10 13:05	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 14:42
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0036	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0012	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0218	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0232	93	70 - 130	
Toluene-d8	0.02500	0.0263	105	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW239

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-01	File ID:	M340932.D
Sampled:	08/09/10 13:05	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 14:42
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1678438	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	517708	21.47	623634	21.47	
Pentafluorobenzene	1223625	10.52	1145796	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW240

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-02	File ID:	M340933.D
Sampled:	08/09/10 13:35	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 15:14
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	BU
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0041	
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW240

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-02	File ID:	M340933.D
Sampled:	08/09/10 13:35	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 15:14
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0215	
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0122	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0035	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0089	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0215	86	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0233	93	70 - 130	
Toluene-d8	0.02500	0.0262	105	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW240

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-02	File ID:	M340933.D
Sampled:	08/09/10 13:35	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 15:14
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1706207	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	517328	21.47	623634	21.47	
Pentafluorobenzene	1213536	10.52	1145796	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-03	File ID:	M340934.D
Sampled:	08/09/10 15:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 15:46
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0029	
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0061	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0020	
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-03	File ID:	M340934.D
Sampled:	08/09/10 15:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 15:46
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0980	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0095	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	0.793	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0014	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0215	86	70 - 130	
4-Bromofluorobenzene	0.02500	0.0226	90	70 - 130	
Dibromofluoromethane	0.02500	0.0230	92	70 - 130	
Toluene-d8	0.02500	0.0268	107	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-03	File ID:	M340934.D
Sampled:	08/09/10 15:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 15:46
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1719503	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	522441	21.47	623634	21.47	
Pentafluorobenzene	1231200	10.52	1145796	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-03RE1	File ID:	M340984.D
Sampled:	08/09/10 15:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 14:14
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	DU
71-55-6	1,1,1-Trichloroethane	20	0.0200	DU
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	DU
79-00-5	1,1,2-Trichloroethane	20	0.0200	DU
75-34-3	1,1-Dichloroethane	20	0.0200	DU
75-35-4	1,1-Dichloroethene	20	0.0200	DU
563-58-6	1,1-Dichloropropene	20	0.0400	DU
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	DU
96-18-4	1,2,3-Trichloropropane	20	0.0200	DU
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	DU
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	DU
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	DU
106-93-4	1,2-Dibromoethane	20	0.0200	DU
95-50-1	1,2-Dichlorobenzene	20	0.0200	DU
107-06-2	1,2-Dichloroethane	20	0.0200	DU
78-87-5	1,2-Dichloropropane	20	0.0200	DU
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	DU
541-73-1	1,3-Dichlorobenzene	20	0.0200	DU
142-28-9	1,3-Dichloropropane	20	0.0200	DU
106-46-7	1,4-Dichlorobenzene	20	0.0200	DU
123-91-1	1,4-Dioxane - Screen	20	10.0	DU
544-10-5	1-Chlorohexane	20	0.0200	DU
594-20-7	2,2-Dichloropropane	20	0.0200	DU
78-93-3	2-Butanone	20	0.500	DU
95-49-8	2-Chlorotoluene	20	0.0200	DU
591-78-6	2-Hexanone	20	0.200	DU
106-43-4	4-Chlorotoluene	20	0.0200	DU
99-87-6	4-Isopropyltoluene	20	0.0200	DU
108-10-1	4-Methyl-2-Pentanone	20	0.500	DU
67-64-1	Acetone	20	0.500	DU
71-43-2	Benzene	20	0.0200	DU
108-86-1	Bromobenzene	20	0.0400	DU
74-97-5	Bromochloromethane	20	0.0200	DU
75-27-4	Bromodichloromethane	20	0.0120	DU
75-25-2	Bromoform	20	0.0200	DU
74-83-9	Bromomethane	20	0.0400	DU
75-15-0	Carbon Disulfide	20	0.0200	DU
56-23-5	Carbon Tetrachloride	20	0.0200	DU
108-90-7	Chlorobenzene	20	0.0200	DU
75-00-3	Chloroethane	20	0.0400	DU

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-03RE1	File ID:	M340984.D
Sampled:	08/09/10 15:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 14:14
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	DU
74-87-3	Chloromethane	20	0.0400	DU
156-59-2	cis-1,2-Dichloroethene	20	0.0880	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	DU
124-48-1	Dibromochloromethane	20	0.0200	DU
74-95-3	Dibromomethane	20	0.0200	DU
75-71-8	Dichlorodifluoromethane	20	0.0400	DU
60-29-7	Diethyl Ether	20	0.0200	DU
108-20-3	Di-isopropyl ether	20	0.0200	DU
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	DU
100-41-4	Ethylbenzene	20	0.0200	DU
87-68-3	Hexachlorobutadiene	20	0.0120	DU
67-72-1	Hexachloroethane	20	0.0200	DU
98-82-8	Isopropylbenzene	20	0.0200	DU
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	DU
75-09-2	Methylene Chloride	20	0.0800	DU
91-20-3	Naphthalene	20	0.0200	DU
104-51-8	n-Butylbenzene	20	0.0200	DU
103-65-1	n-Propylbenzene	20	0.0200	DU
135-98-8	sec-Butylbenzene	20	0.0200	DU
100-42-5	Styrene	20	0.0200	DU
98-06-6	tert-Butylbenzene	20	0.0200	DU
994-05-8	Tertiary-amyl methyl ether	20	0.0200	DU
127-18-4	Tetrachloroethene	20	0.0200	DU
109-99-9	Tetrahydrofuran	20	0.100	DU
108-88-3	Toluene	20	0.0200	DU
156-60-5	trans-1,2-Dichloroethene	20	0.0200	DU
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	DU
79-01-6	Trichloroethene	20	0.793	D
75-69-4	Trichlorofluoromethane	20	0.0200	DU
108-05-4	Vinyl Acetate	20	0.100	DU
75-01-4	Vinyl Chloride	20	0.0200	DU
95-47-6	Xylene O	20	0.0200	DU
179601-23-1	Xylene P,M	20	0.0400	DU

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0218	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0233	93	70 - 130	
Toluene-d8	0.02500	0.0265	106	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-03RE1	File ID:	M340984.D
Sampled:	08/09/10 15:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 14:14
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1636176	17.08	1596160	17.07	
1,4-Dichlorobenzene-D4	508204	21.47	613709	21.47	
Pentafluorobenzene	1175952	10.52	1145955	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s Dup

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-04	File ID:	M340935.D
Sampled:	08/09/10 15:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 16:19
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0031	
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0061	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0018	
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s Dup

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-04	File ID:	M340935.D
Sampled:	08/09/10 15:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 16:19
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	20	0.0948	D
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0096	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	0.821	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0014	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0219	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0236	94	70 - 130	
Dibromofluoromethane	0.02500	0.0230	92	70 - 130	
Toluene-d8	0.02500	0.0263	105	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s Dup

Laboratory:	ESS Laboratory		SDG:	1008142	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	1008142-04	File ID:	M340935.D
Sampled:	08/09/10 15:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 16:19
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1633275	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	508834	21.47	623634	21.47	
Pentafluorobenzene	1183870	10.52	1145796	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s Dup

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-04RE1	File ID:	M340985.D
Sampled:	08/09/10 15:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 14:46
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	DU
71-55-6	1,1,1-Trichloroethane	20	0.0200	DU
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	DU
79-00-5	1,1,2-Trichloroethane	20	0.0200	DU
75-34-3	1,1-Dichloroethane	20	0.0200	DU
75-35-4	1,1-Dichloroethene	20	0.0200	DU
563-58-6	1,1-Dichloropropene	20	0.0400	DU
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	DU
96-18-4	1,2,3-Trichloropropane	20	0.0200	DU
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	DU
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	DU
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	DU
106-93-4	1,2-Dibromoethane	20	0.0200	DU
95-50-1	1,2-Dichlorobenzene	20	0.0200	DU
107-06-2	1,2-Dichloroethane	20	0.0200	DU
78-87-5	1,2-Dichloropropane	20	0.0200	DU
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	DU
541-73-1	1,3-Dichlorobenzene	20	0.0200	DU
142-28-9	1,3-Dichloropropane	20	0.0200	DU
106-46-7	1,4-Dichlorobenzene	20	0.0200	DU
123-91-1	1,4-Dioxane - Screen	20	10.0	DU
544-10-5	1-Chlorohexane	20	0.0200	DU
594-20-7	2,2-Dichloropropane	20	0.0200	DU
78-93-3	2-Butanone	20	0.500	DU
95-49-8	2-Chlorotoluene	20	0.0200	DU
591-78-6	2-Hexanone	20	0.200	DU
106-43-4	4-Chlorotoluene	20	0.0200	DU
99-87-6	4-Isopropyltoluene	20	0.0200	DU
108-10-1	4-Methyl-2-Pentanone	20	0.500	DU
67-64-1	Acetone	20	0.500	DU
71-43-2	Benzene	20	0.0200	DU
108-86-1	Bromobenzene	20	0.0400	DU
74-97-5	Bromochloromethane	20	0.0200	DU
75-27-4	Bromodichloromethane	20	0.0120	DU
75-25-2	Bromoform	20	0.0200	DU
74-83-9	Bromomethane	20	0.0400	DU
75-15-0	Carbon Disulfide	20	0.0200	DU
56-23-5	Carbon Tetrachloride	20	0.0200	DU
108-90-7	Chlorobenzene	20	0.0200	DU
75-00-3	Chloroethane	20	0.0400	DU

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s Dup

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-04RE1	File ID:	M340985.D
Sampled:	08/09/10 15:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 14:46
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	DU
74-87-3	Chloromethane	20	0.0400	DU
156-59-2	cis-1,2-Dichloroethene	20	0.0948	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	DU
124-48-1	Dibromochloromethane	20	0.0200	DU
74-95-3	Dibromomethane	20	0.0200	DU
75-71-8	Dichlorodifluoromethane	20	0.0400	DU
60-29-7	Diethyl Ether	20	0.0200	DU
108-20-3	Di-isopropyl ether	20	0.0200	DU
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	DU
100-41-4	Ethylbenzene	20	0.0200	DU
87-68-3	Hexachlorobutadiene	20	0.0120	DU
67-72-1	Hexachloroethane	20	0.0200	DU
98-82-8	Isopropylbenzene	20	0.0200	DU
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	DU
75-09-2	Methylene Chloride	20	0.0800	DU
91-20-3	Naphthalene	20	0.0200	DU
104-51-8	n-Butylbenzene	20	0.0200	DU
103-65-1	n-Propylbenzene	20	0.0200	DU
135-98-8	sec-Butylbenzene	20	0.0200	DU
100-42-5	Styrene	20	0.0200	DU
98-06-6	tert-Butylbenzene	20	0.0200	DU
994-05-8	Tertiary-amyl methyl ether	20	0.0200	DU
127-18-4	Tetrachloroethene	20	0.0200	DU
109-99-9	Tetrahydrofuran	20	0.100	DU
108-88-3	Toluene	20	0.0200	DU
156-60-5	trans-1,2-Dichloroethene	20	0.0200	DU
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	DU
79-01-6	Trichloroethene	20	0.821	D
75-69-4	Trichlorofluoromethane	20	0.0200	DU
108-05-4	Vinyl Acetate	20	0.100	DU
75-01-4	Vinyl Chloride	20	0.0200	DU
95-47-6	Xylene O	20	0.0200	DU
179601-23-1	Xylene P,M	20	0.0400	DU

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0223	89	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0235	94	70 - 130	
Toluene-d8	0.02500	0.0260	104	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW236s Dup

Laboratory:	ESS Laboratory		SDG:	1008142	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	1008142-04RE1	File ID:	M340985.D
Sampled:	08/09/10 15:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 14:46
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1652785	17.08	1596160	17.07	
1,4-Dichlorobenzene-D4	521989	21.47	613709	21.47	
Pentafluorobenzene	1168144	10.52	1145955	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW 236D

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-05	File ID:	M340936.D
Sampled:	08/09/10 16:55	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 16:51
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0013	
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0013	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW 236D

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-05	File ID:	M340936.D
Sampled:	08/09/10 16:55	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 16:51
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0629	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0522	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0020	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0216	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0230	92	70 - 130	
Toluene-d8	0.02500	0.0265	106	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW 236D

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-05	File ID:	M340936.D
Sampled:	08/09/10 16:55	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 16:51
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1641421	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	525660	21.47	623634	21.47	
Pentafluorobenzene	1199440	10.52	1145796	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW242

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-06	File ID:	M340965.D
Sampled:	08/10/10 09:00	Prepared:	08/13/10 08:00	Analyzed:	08/13/10 19:48
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01314	Sequence:	CTH0092	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW242

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-06	File ID:	M340965.D
Sampled:	08/10/10 09:00	Prepared:	08/13/10 08:00	Analyzed:	08/13/10 19:48
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01314	Sequence:	CTH0092	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0224	90	70 - 130	
4-Bromofluorobenzene	0.02500	0.0227	91	70 - 130	
Dibromofluoromethane	0.02500	0.0236	94	70 - 130	
Toluene-d8	0.02500	0.0260	104	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW242

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-06	File ID:	M340965.D
Sampled:	08/10/10 09:00	Prepared:	08/13/10 08:00	Analyzed:	08/13/10 19:48
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01314	Sequence:	CTH0092	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1576191	17.07	1620431	17.07	
1,4-Dichlorobenzene-D4	471920	21.45	625978	21.46	
Pentafluorobenzene	1109647	10.52	1124760	10.51	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW241

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-07	File ID:	M340938.D
Sampled:	08/10/10 11:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 17:55
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0023	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW241

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-07	File ID:	M340938.D
Sampled:	08/10/10 11:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 17:55
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0278	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0055	B
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.245	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0221	88	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0231	93	70 - 130	
Toluene-d8	0.02500	0.0264	106	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW241

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-07	File ID:	M340938.D
Sampled:	08/10/10 11:50	Prepared:	08/12/10 08:00	Analyzed:	08/12/10 17:55
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1711280	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	521708	21.47	623634	21.47	
Pentafluorobenzene	1213093	10.52	1145796	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW241

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-07RE1	File ID:	M340983.D
Sampled:	08/10/10 11:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 13:42
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	DU
71-55-6	1,1,1-Trichloroethane	10	0.0100	DU
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	DU
79-00-5	1,1,2-Trichloroethane	10	0.0100	DU
75-34-3	1,1-Dichloroethane	10	0.0100	DU
75-35-4	1,1-Dichloroethene	10	0.0100	DU
563-58-6	1,1-Dichloropropene	10	0.0200	DU
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	DU
96-18-4	1,2,3-Trichloropropane	10	0.0100	DU
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	DU
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	DU
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	DU
106-93-4	1,2-Dibromoethane	10	0.0100	DU
95-50-1	1,2-Dichlorobenzene	10	0.0100	DU
107-06-2	1,2-Dichloroethane	10	0.0100	DU
78-87-5	1,2-Dichloropropane	10	0.0100	DU
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	DU
541-73-1	1,3-Dichlorobenzene	10	0.0100	DU
142-28-9	1,3-Dichloropropane	10	0.0100	DU
106-46-7	1,4-Dichlorobenzene	10	0.0100	DU
123-91-1	1,4-Dioxane - Screen	10	5.00	DU
544-10-5	1-Chlorohexane	10	0.0100	DU
594-20-7	2,2-Dichloropropane	10	0.0100	DU
78-93-3	2-Butanone	10	0.250	DU
95-49-8	2-Chlorotoluene	10	0.0100	DU
591-78-6	2-Hexanone	10	0.100	DU
106-43-4	4-Chlorotoluene	10	0.0100	DU
99-87-6	4-Isopropyltoluene	10	0.0100	DU
108-10-1	4-Methyl-2-Pentanone	10	0.250	DU
67-64-1	Acetone	10	0.250	DU
71-43-2	Benzene	10	0.0100	DU
108-86-1	Bromobenzene	10	0.0200	DU
74-97-5	Bromochloromethane	10	0.0100	DU
75-27-4	Bromodichloromethane	10	0.0060	DU
75-25-2	Bromoform	10	0.0100	DU
74-83-9	Bromomethane	10	0.0200	DU
75-15-0	Carbon Disulfide	10	0.0100	DU
56-23-5	Carbon Tetrachloride	10	0.0100	DU
108-90-7	Chlorobenzene	10	0.0100	DU
75-00-3	Chloroethane	10	0.0200	DU

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW241

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-07RE1	File ID:	M340983.D
Sampled:	08/10/10 11:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 13:42
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	DU
74-87-3	Chloromethane	10	0.0200	DU
156-59-2	cis-1,2-Dichloroethene	10	0.0287	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	DU
124-48-1	Dibromochloromethane	10	0.0100	DU
74-95-3	Dibromomethane	10	0.0100	DU
75-71-8	Dichlorodifluoromethane	10	0.0200	DU
60-29-7	Diethyl Ether	10	0.0100	DU
108-20-3	Di-isopropyl ether	10	0.0100	DU
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	DU
100-41-4	Ethylbenzene	10	0.0100	DU
87-68-3	Hexachlorobutadiene	10	0.0060	DU
67-72-1	Hexachloroethane	10	0.0100	DU
98-82-8	Isopropylbenzene	10	0.0100	DU
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	DU
75-09-2	Methylene Chloride	10	0.0400	DU
91-20-3	Naphthalene	10	0.0100	DU
104-51-8	n-Butylbenzene	10	0.0100	DU
103-65-1	n-Propylbenzene	10	0.0100	DU
135-98-8	sec-Butylbenzene	10	0.0100	DU
100-42-5	Styrene	10	0.0100	DU
98-06-6	tert-Butylbenzene	10	0.0100	DU
994-05-8	Tertiary-amyl methyl ether	10	0.0100	DU
127-18-4	Tetrachloroethene	10	0.0100	DU
109-99-9	Tetrahydrofuran	10	0.0500	DU
108-88-3	Toluene	10	0.0100	DU
156-60-5	trans-1,2-Dichloroethene	10	0.0100	DU
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	DU
79-01-6	Trichloroethene	10	0.245	D
75-69-4	Trichlorofluoromethane	10	0.0100	DU
108-05-4	Vinyl Acetate	10	0.0500	DU
75-01-4	Vinyl Chloride	10	0.0100	DU
95-47-6	Xylene O	10	0.0100	DU
179601-23-1	Xylene P,M	10	0.0200	DU

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0218	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0236	94	70 - 130	
Dibromofluoromethane	0.02500	0.0233	93	70 - 130	
Toluene-d8	0.02500	0.0260	104	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW241

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-07RE1	File ID:	M340983.D
Sampled:	08/10/10 11:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 13:42
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1692585	17.08	1596160	17.07	
1,4-Dichlorobenzene-D4	530182	21.47	613709	21.47	
Pentafluorobenzene	1204473	10.52	1145955	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238D

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-08	File ID:	M340981.D
Sampled:	08/10/10 14:30	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 12:38
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238D

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-08	File ID:	M340981.D
Sampled:	08/10/10 14:30	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 12:38
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0012	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0212	85	70 - 130	
4-Bromofluorobenzene	0.02500	0.0236	94	70 - 130	
Dibromofluoromethane	0.02500	0.0231	92	70 - 130	
Toluene-d8	0.02500	0.0265	106	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238D

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-08	File ID:	M340981.D
Sampled:	08/10/10 14:30	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 12:38
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1649311	17.07	1596160	17.07	
1,4-Dichlorobenzene-D4	526126	21.47	613709	21.47	
Pentafluorobenzene	1186040	10.52	1145955	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238S

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-09	File ID:	M340982.D
Sampled:	08/10/10 14:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 13:10
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238S

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-09	File ID:	M340982.D
Sampled:	08/10/10 14:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 13:10
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0019	
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0161	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0107	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.262	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0212	85	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0228	91	70 - 130	
Toluene-d8	0.02500	0.0265	106	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238S

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-09	File ID:	M340982.D
Sampled:	08/10/10 14:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 13:10
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1630451	17.07	1596160	17.07	
1,4-Dichlorobenzene-D4	497464	21.46	613709	21.47	
Pentafluorobenzene	1177612	10.53	1145955	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238S

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-09RE1	File ID:	M340986.D
Sampled:	08/10/10 14:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 15:18
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	DU
71-55-6	1,1,1-Trichloroethane	10	0.0100	DU
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	DU
79-00-5	1,1,2-Trichloroethane	10	0.0100	DU
75-34-3	1,1-Dichloroethane	10	0.0100	DU
75-35-4	1,1-Dichloroethene	10	0.0100	DU
563-58-6	1,1-Dichloropropene	10	0.0200	DU
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	DU
96-18-4	1,2,3-Trichloropropane	10	0.0100	DU
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	DU
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	DU
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	DU
106-93-4	1,2-Dibromoethane	10	0.0100	DU
95-50-1	1,2-Dichlorobenzene	10	0.0100	DU
107-06-2	1,2-Dichloroethane	10	0.0100	DU
78-87-5	1,2-Dichloropropane	10	0.0100	DU
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	DU
541-73-1	1,3-Dichlorobenzene	10	0.0100	DU
142-28-9	1,3-Dichloropropane	10	0.0100	DU
106-46-7	1,4-Dichlorobenzene	10	0.0100	DU
123-91-1	1,4-Dioxane - Screen	10	5.00	DU
544-10-5	1-Chlorohexane	10	0.0100	DU
594-20-7	2,2-Dichloropropane	10	0.0100	DU
78-93-3	2-Butanone	10	0.250	DU
95-49-8	2-Chlorotoluene	10	0.0100	DU
591-78-6	2-Hexanone	10	0.100	DU
106-43-4	4-Chlorotoluene	10	0.0100	DU
99-87-6	4-Isopropyltoluene	10	0.0100	DU
108-10-1	4-Methyl-2-Pentanone	10	0.250	DU
67-64-1	Acetone	10	0.250	DU
71-43-2	Benzene	10	0.0100	DU
108-86-1	Bromobenzene	10	0.0200	DU
74-97-5	Bromochloromethane	10	0.0100	DU
75-27-4	Bromodichloromethane	10	0.0060	DU
75-25-2	Bromoform	10	0.0100	DU
74-83-9	Bromomethane	10	0.0200	DU
75-15-0	Carbon Disulfide	10	0.0100	DU
56-23-5	Carbon Tetrachloride	10	0.0100	DU
108-90-7	Chlorobenzene	10	0.0100	DU
75-00-3	Chloroethane	10	0.0200	DU

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238S

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1008142-09RE1	File ID:	M340986.D
Sampled:	08/10/10 14:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 15:18
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	DU
74-87-3	Chloromethane	10	0.0200	DU
156-59-2	cis-1,2-Dichloroethene	10	0.0152	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	DU
124-48-1	Dibromochloromethane	10	0.0100	DU
74-95-3	Dibromomethane	10	0.0100	DU
75-71-8	Dichlorodifluoromethane	10	0.0200	DU
60-29-7	Diethyl Ether	10	0.0100	DU
108-20-3	Di-isopropyl ether	10	0.0100	DU
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	DU
100-41-4	Ethylbenzene	10	0.0100	DU
87-68-3	Hexachlorobutadiene	10	0.0060	DU
67-72-1	Hexachloroethane	10	0.0100	DU
98-82-8	Isopropylbenzene	10	0.0100	DU
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	DU
75-09-2	Methylene Chloride	10	0.0400	DU
91-20-3	Naphthalene	10	0.0100	DU
104-51-8	n-Butylbenzene	10	0.0100	DU
103-65-1	n-Propylbenzene	10	0.0100	DU
135-98-8	sec-Butylbenzene	10	0.0100	DU
100-42-5	Styrene	10	0.0100	DU
98-06-6	tert-Butylbenzene	10	0.0100	DU
994-05-8	Tertiary-amyl methyl ether	10	0.0100	DU
127-18-4	Tetrachloroethene	10	0.0100	DU
109-99-9	Tetrahydrofuran	10	0.0500	DU
108-88-3	Toluene	10	0.0100	DU
156-60-5	trans-1,2-Dichloroethene	10	0.0100	DU
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	DU
79-01-6	Trichloroethene	10	0.262	D
75-69-4	Trichlorofluoromethane	10	0.0100	DU
108-05-4	Vinyl Acetate	10	0.0500	DU
75-01-4	Vinyl Chloride	10	0.0100	DU
95-47-6	Xylene O	10	0.0100	DU
179601-23-1	Xylene P,M	10	0.0200	DU

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0219	88	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0234	94	70 - 130	
Toluene-d8	0.02500	0.0262	105	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWMW238S

Laboratory:	ESS Laboratory		SDG:	1008142	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	1008142-09RE1	File ID:	M340986.D
Sampled:	08/10/10 14:50	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 15:18
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1694289	17.08	1596160	17.07	
1,4-Dichlorobenzene-D4	534169	21.47	613709	21.47	
Pentafluorobenzene	1182133	10.52	1145955	10.52	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

8260B

GWTB01

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	1008142-10	File ID:	M340980.D
Sampled:	08/10/10 00:00	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 12:06
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET

8260B

GWTB01

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	1008142-10	File ID:	M340980.D
Sampled:	08/10/10 00:00	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 12:06
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0005	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0217	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0231	93	70 - 130	
Dibromofluoromethane	0.02500	0.0230	92	70 - 130	
Toluene-d8	0.02500	0.0261	105	70 - 130	

ORGANIC ANALYSIS DATA SHEET

8260B

GWTB01

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	1008142-10	File ID:	M340980.D
Sampled:	08/10/10 00:00	Prepared:	08/16/10 08:00	Analyzed:	08/16/10 12:06
Solids:		Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010
Instrument:	VOA MS3				

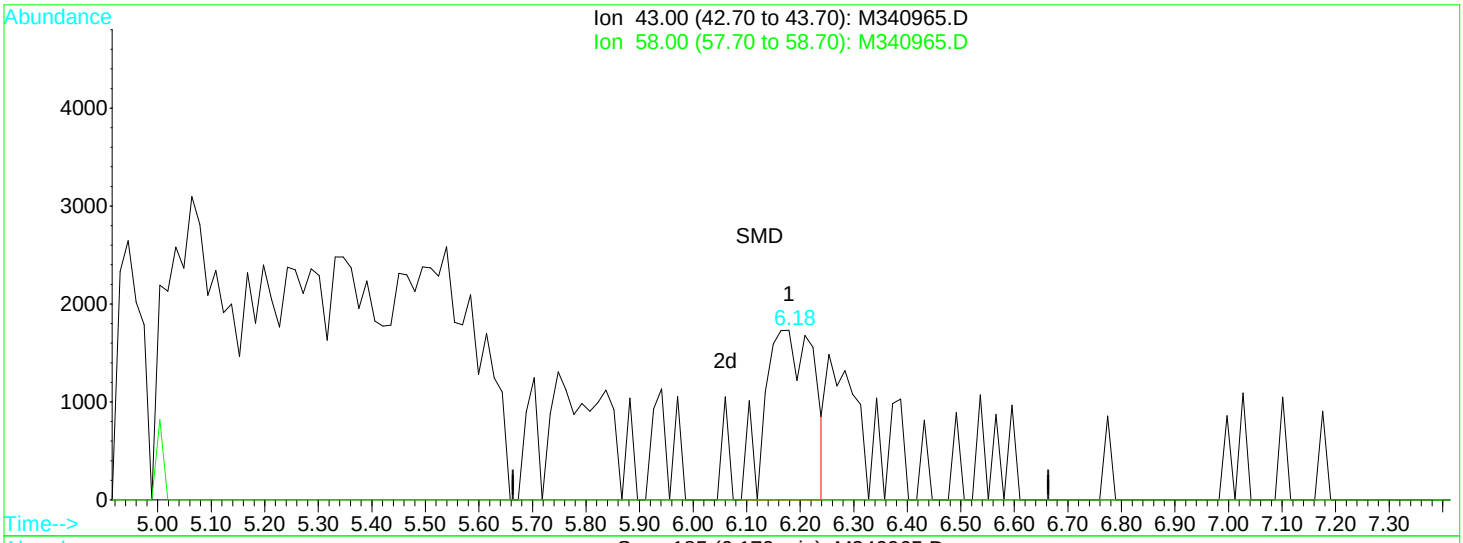
INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1765270	17.07	1596160	17.07	
1,4-Dichlorobenzene-D4	547382	21.46	613709	21.47	
Pentafluorobenzene	1247506	10.53	1145955	10.52	

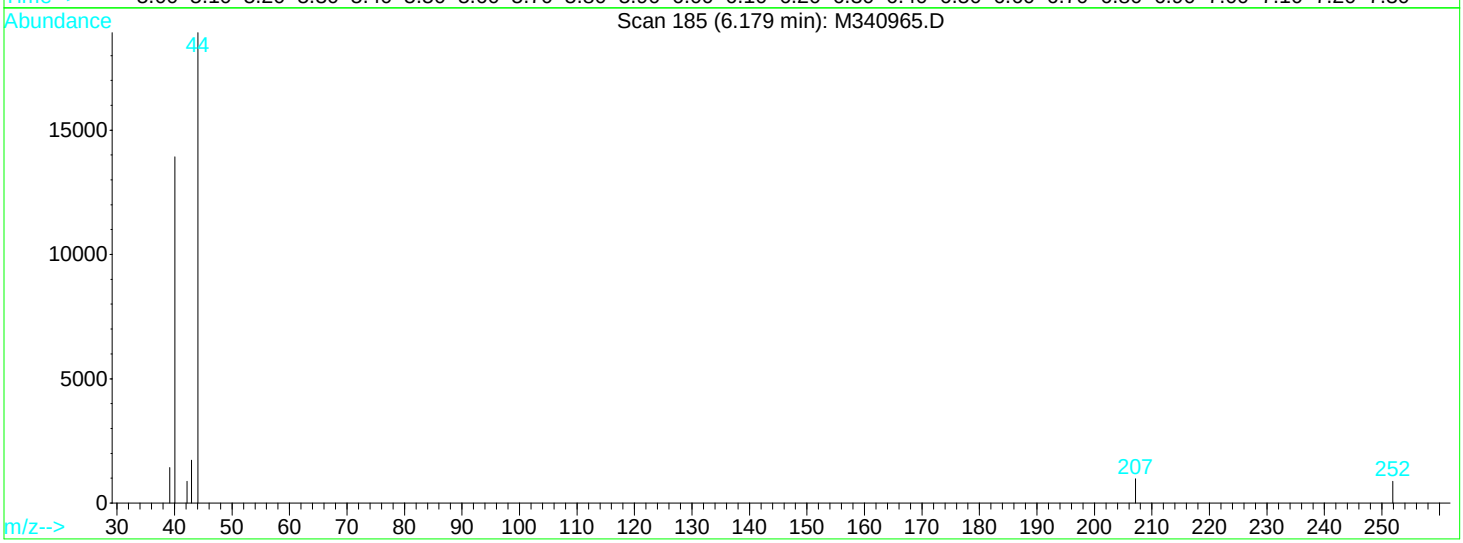
* Values outside of QC limits

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:05 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340965.D

(10) Acetone

6.18min 1.66ug/l

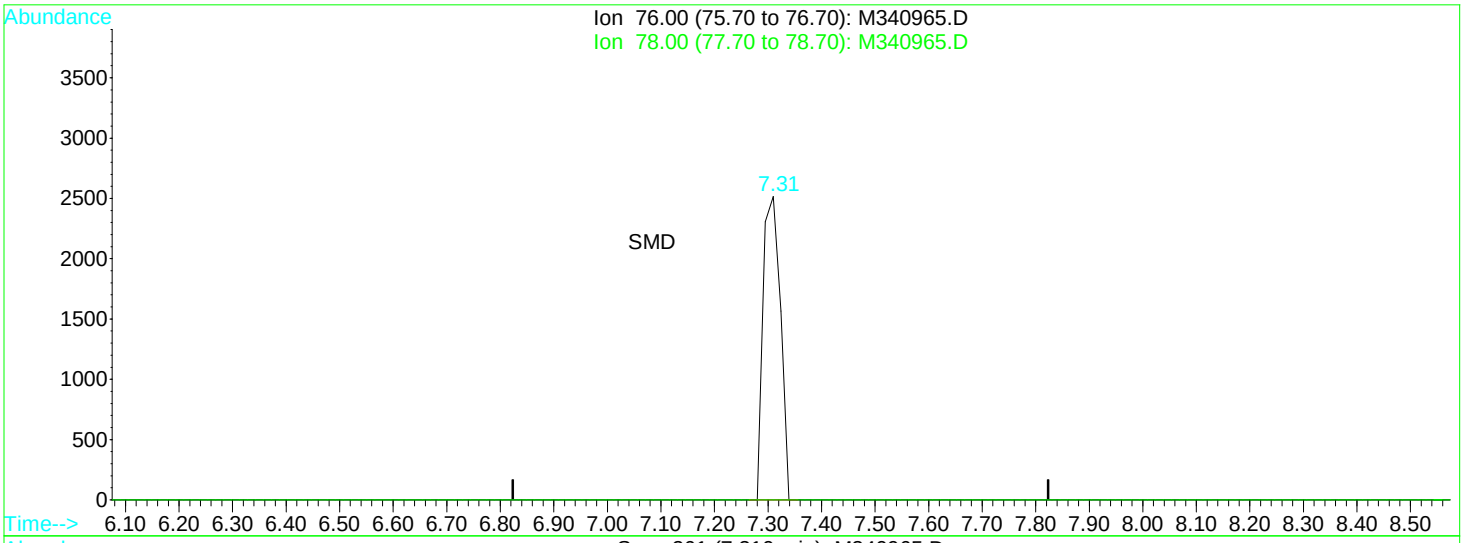
response 11126

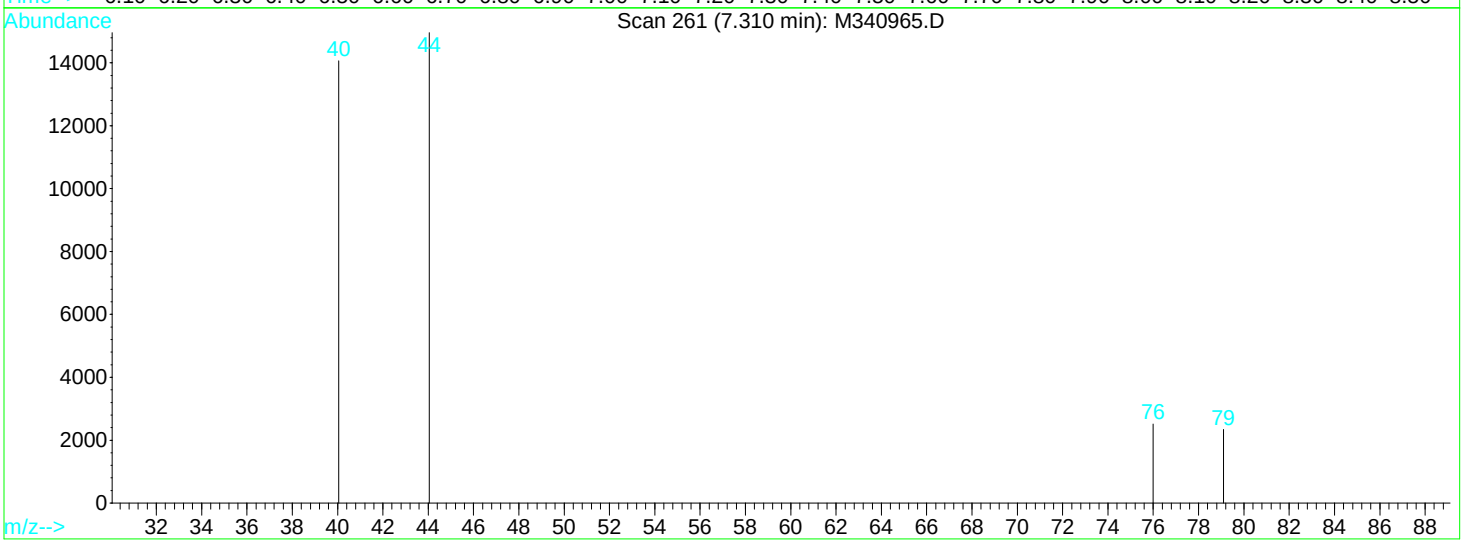
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:05 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340965.D

(15) Carbon Disulfide

7.31min 0.08ug/l

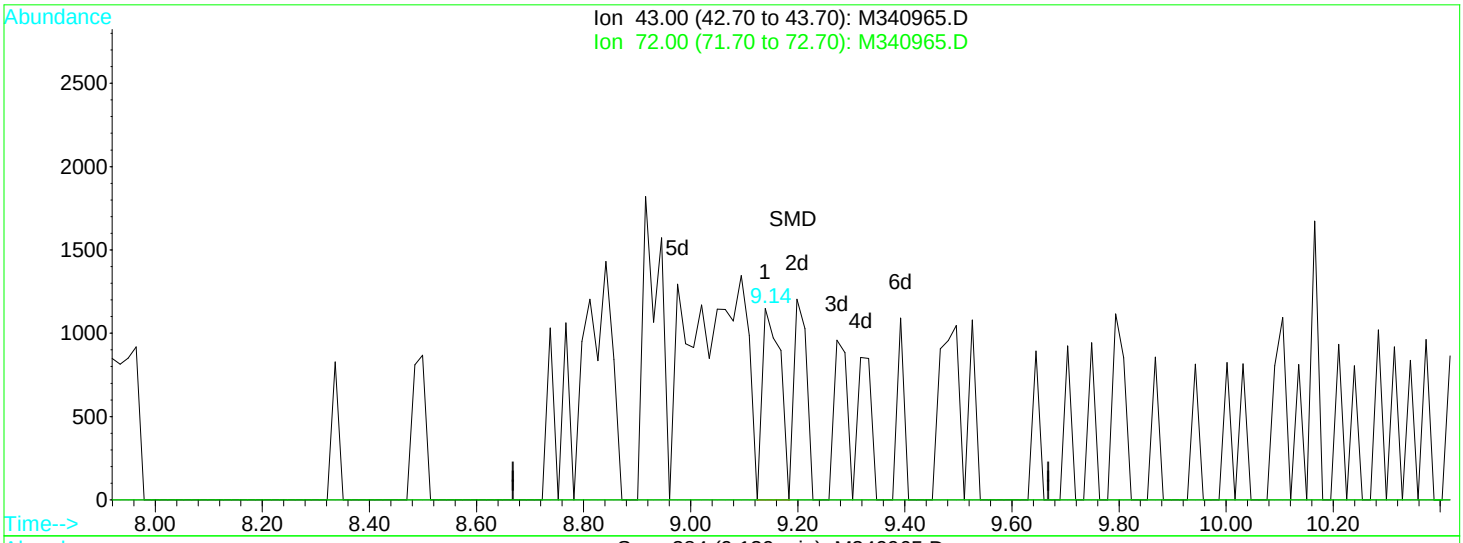
response 5701

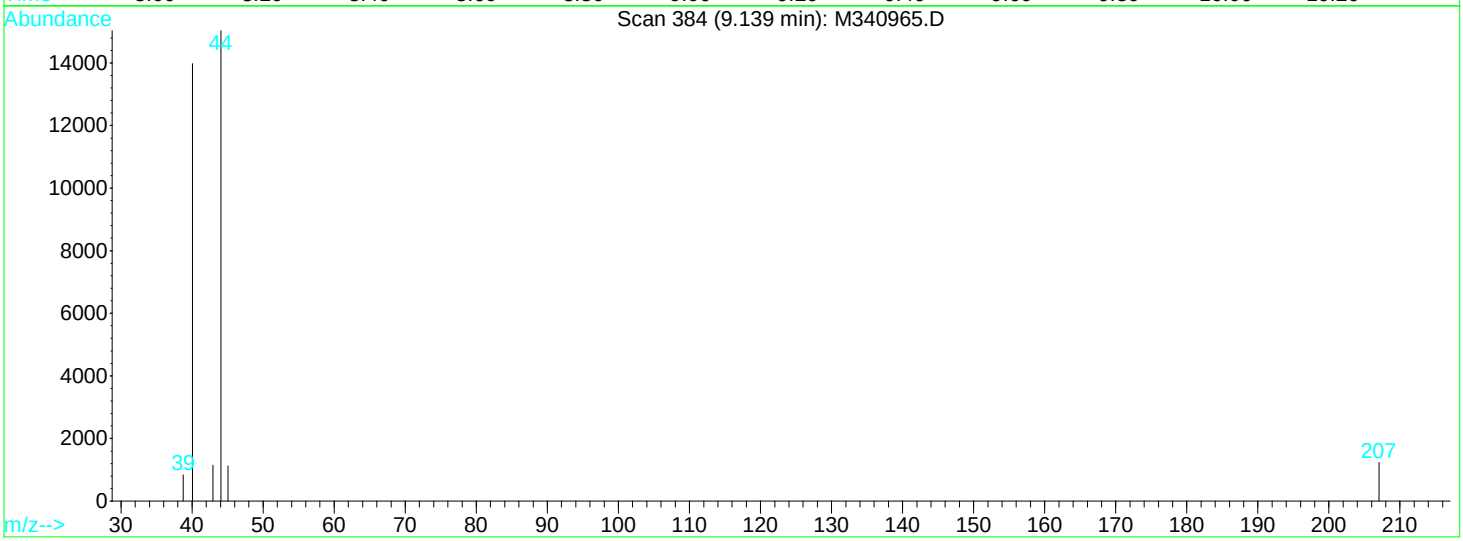
Ion	Exp%	Act%
76.00	100	100
78.00	9.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:05 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340965.D

(24) 2-Butanone

9.14min 0.14ug/l

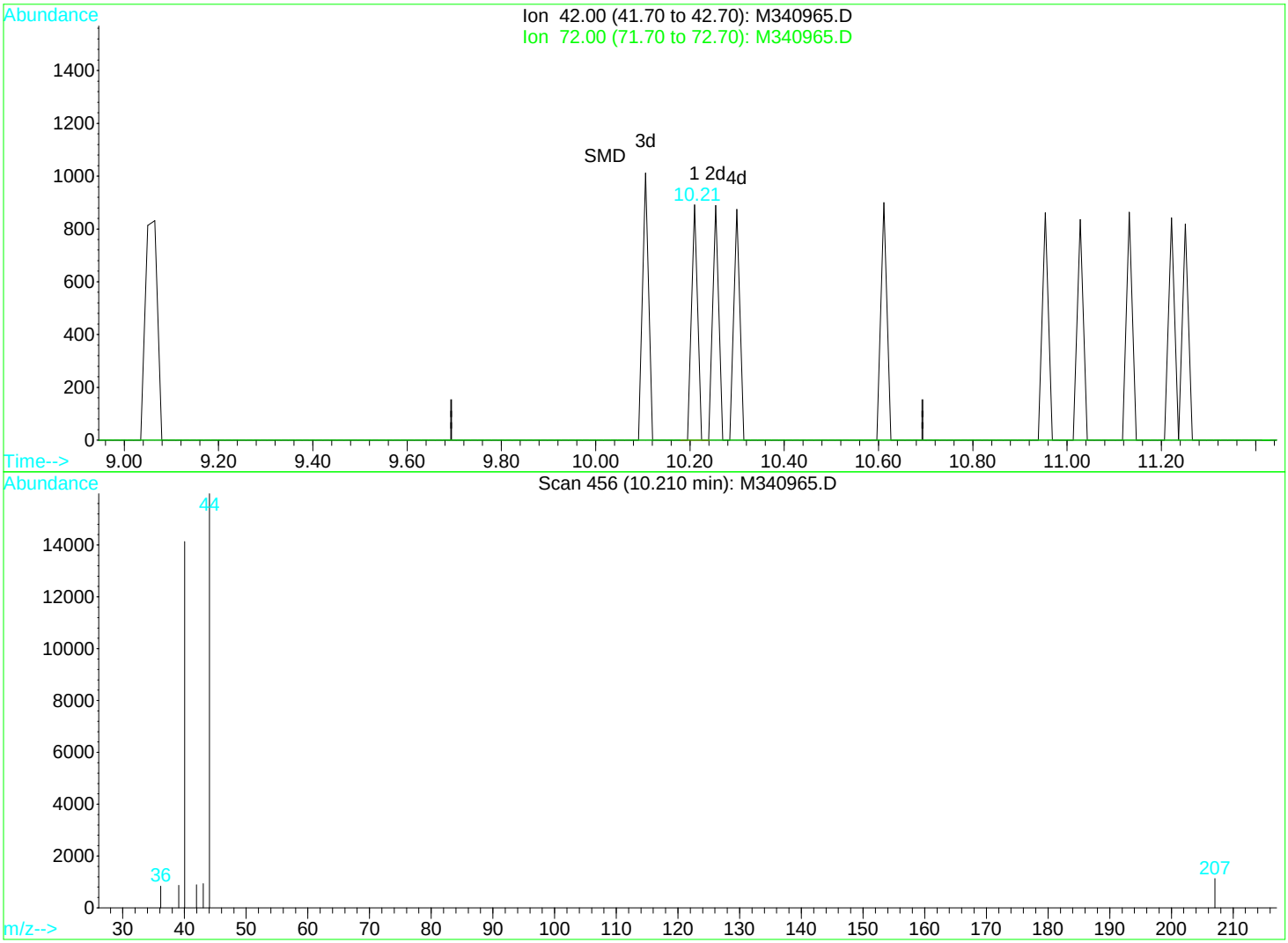
response 2694

Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:05 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340965.D

(32) Tetrahydrofuran

10.21min 0.11ug/l

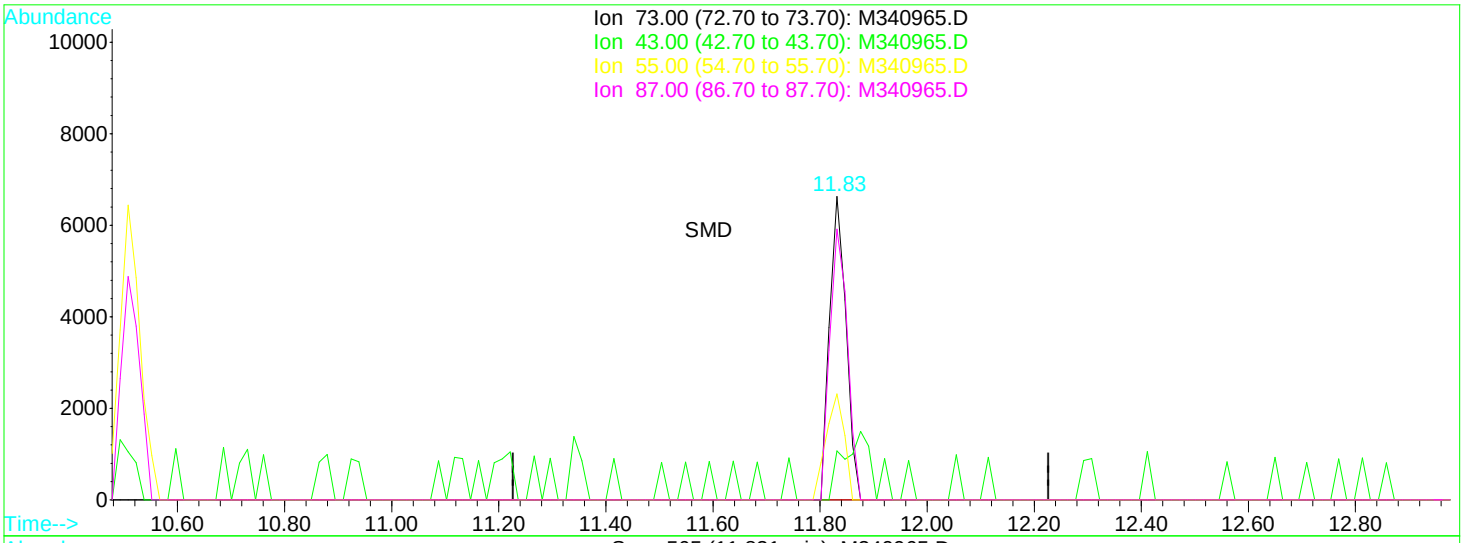
response 795

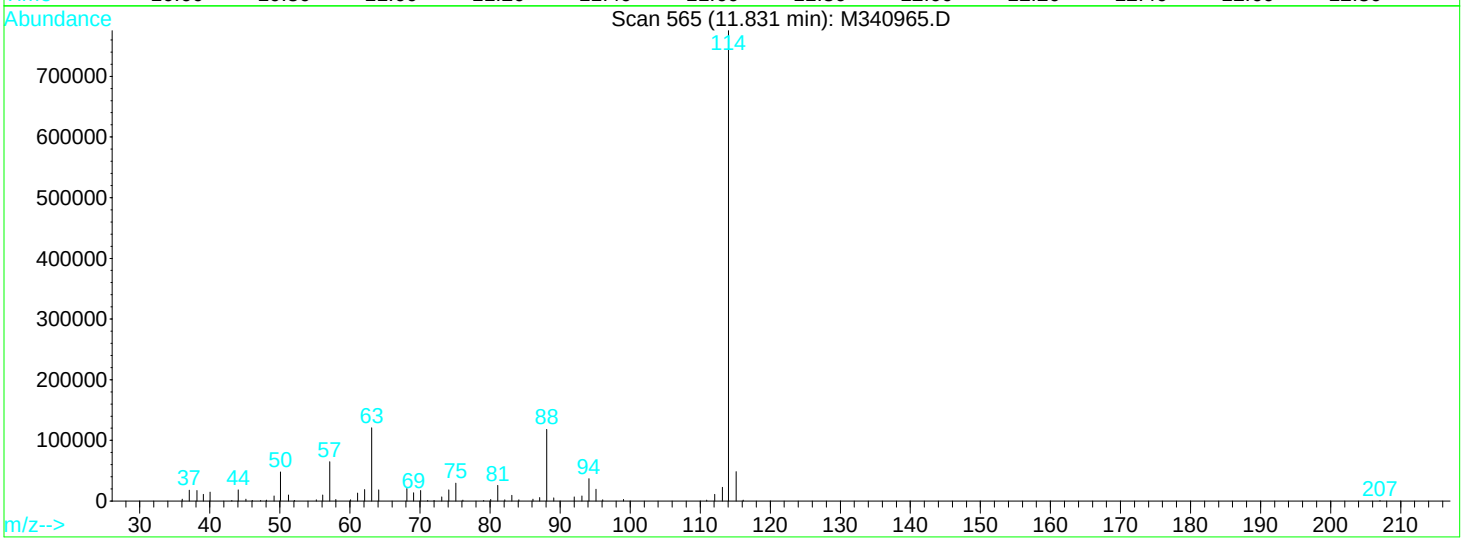
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:05 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340965.D

(43) Tertiary-amyl methyl ether

11.83min 0.25ug/l

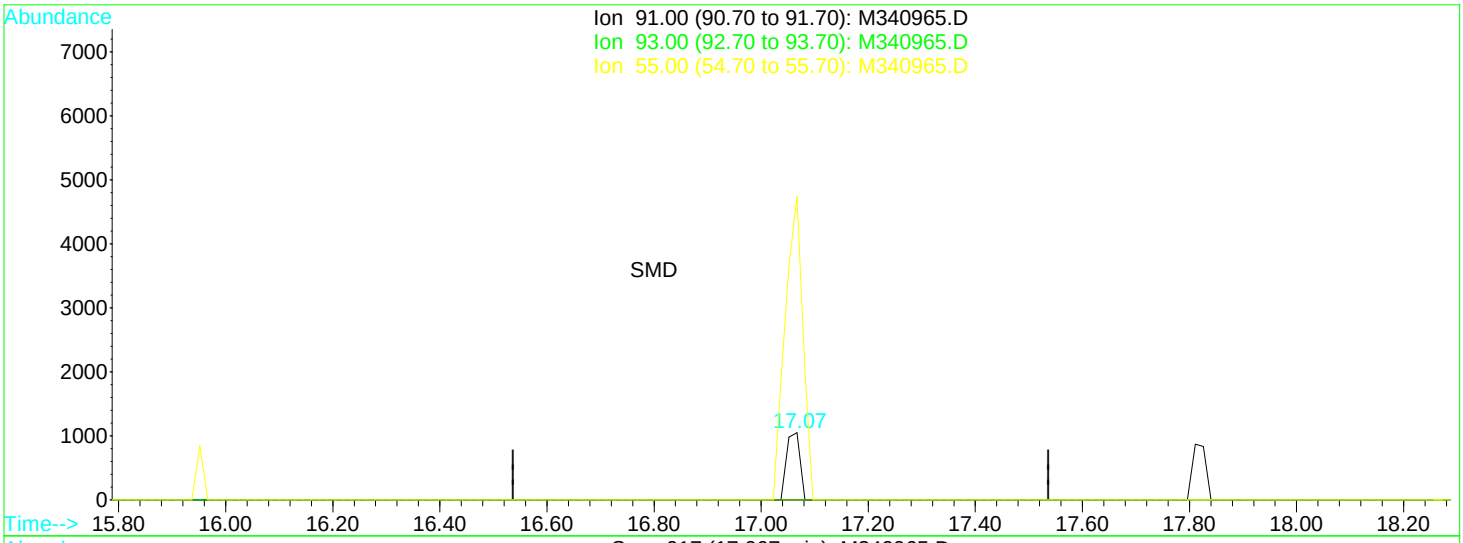
response 14247

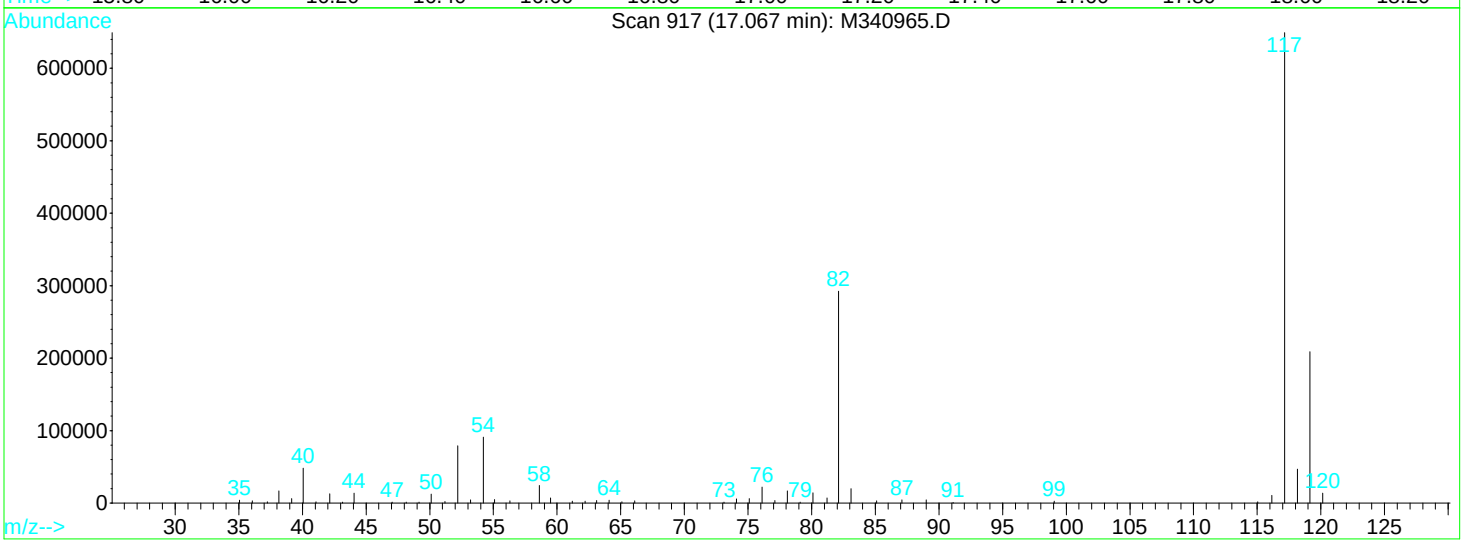
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	16.18
55.00	29.80	34.88
87.00	22.80	89.22#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:06 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340965.D

(66) 1-Chlorohexane

17.07min 0.09ug/l

response 1811

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	451.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:06 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

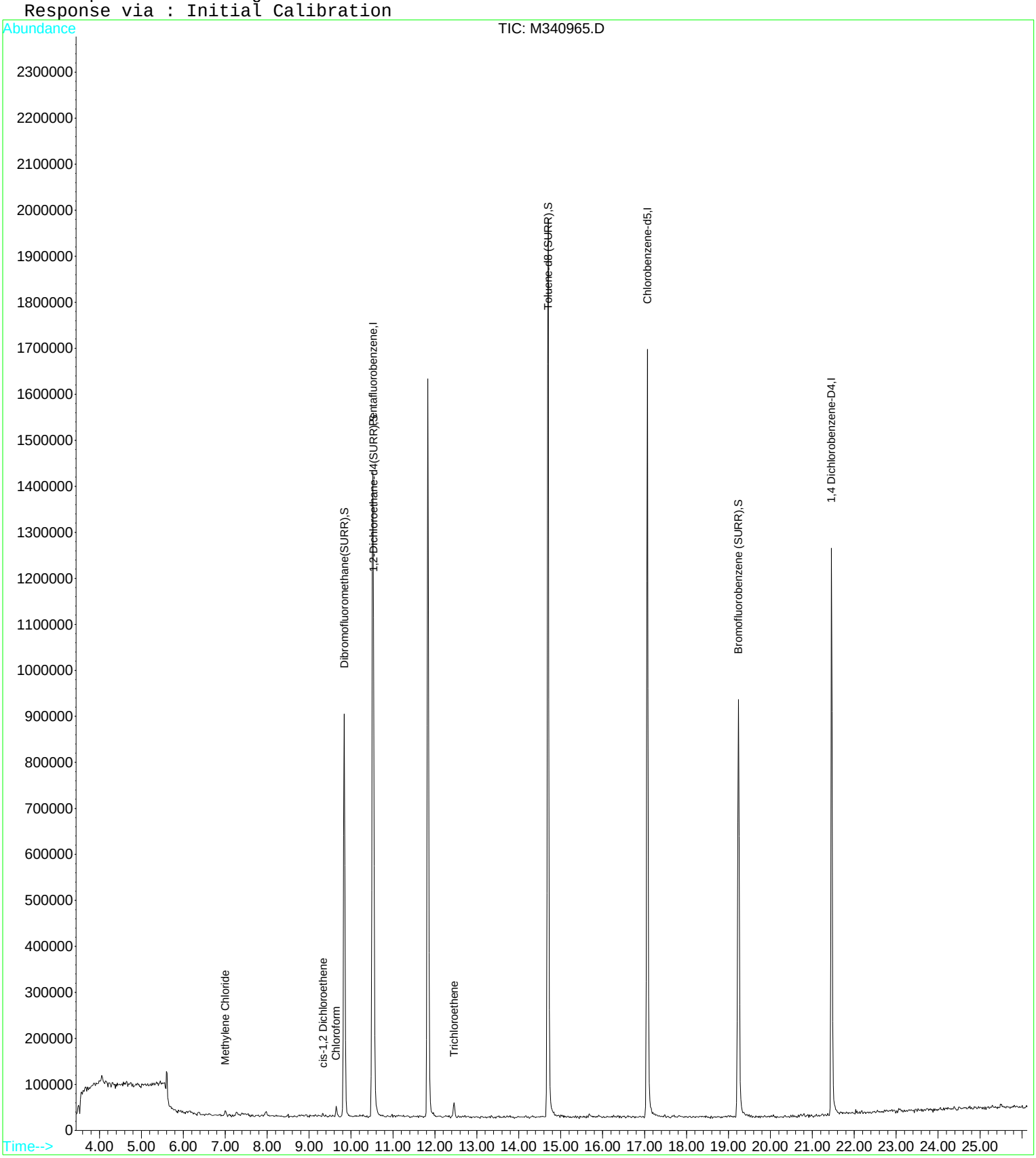
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1109647	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1576191	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.45	152	471920	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	735722	23.59	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.36%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	498447	22.38	ug/l	-0.01
Spiked Amount 25.000			Recovery = 89.52%			
59) Toluene-d8 (SURR)	14.70	98	1928989	25.95	ug/l	-0.01
Spiked Amount 25.000			Recovery = 103.80%			
75) Bromofluorobenzene (SURR)	19.24	95	570585	22.68	ug/l	-0.01
Spiked Amount 25.000			Recovery = 90.72%			
Target Compounds						Qvalue
17) Methylene Chloride	7.00	84	6513	0.21	ug/l	85
27) cis-1,2 Dichloroethene	9.33	96	2998	0.10	ug/l	86
33) Chloroform	9.64	83	21423	0.52	ug/l	99
44) Trichloroethene	12.46	95	16297	0.64	ug/l	90

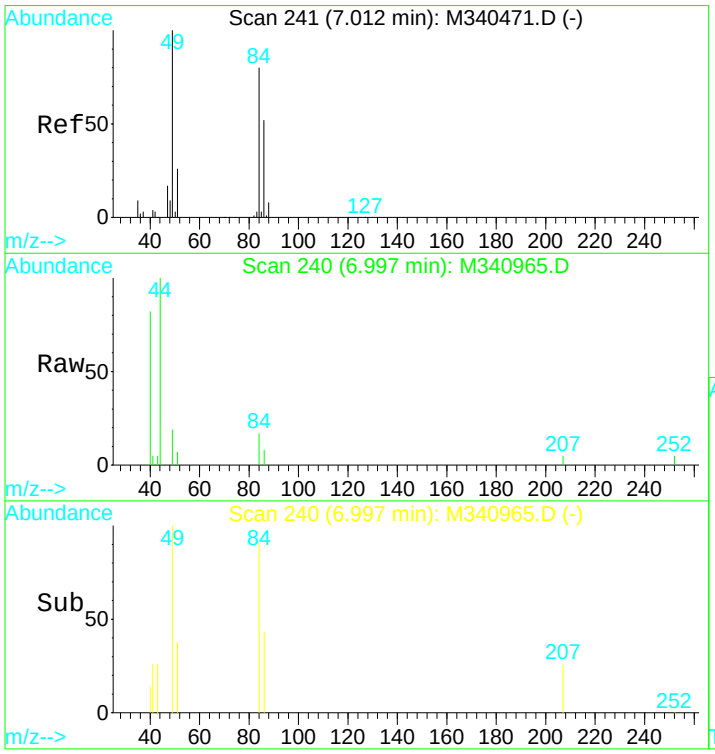
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340965.D Vial: 17
Acq On : 13 Aug 2010 7:48 pm Operator: MD
Sample : 1008142-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 11:06 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

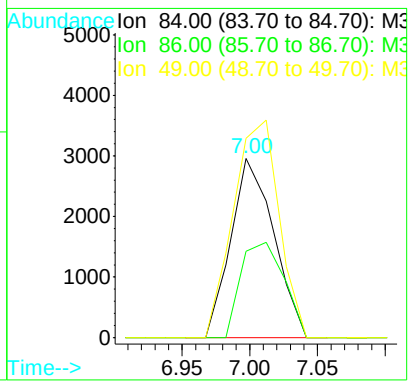


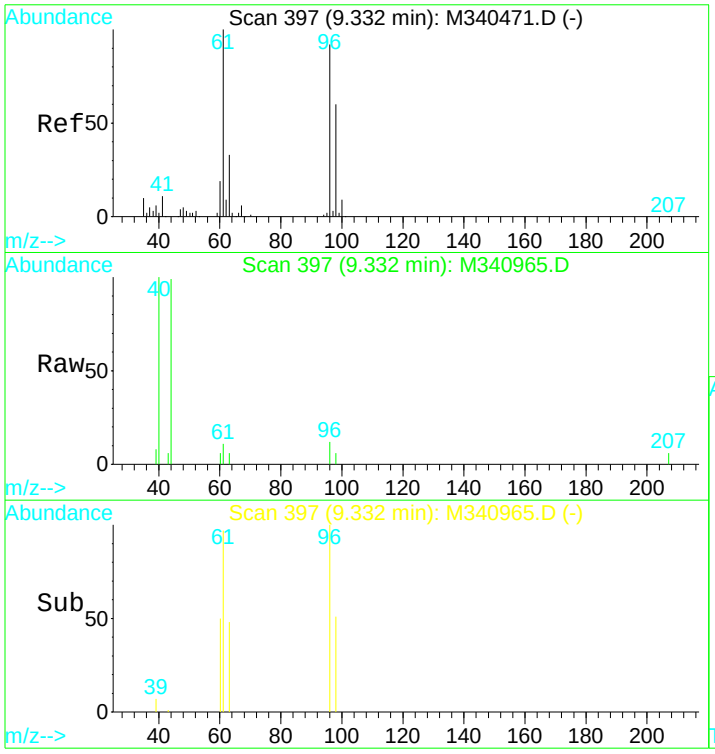


#17
Methylene Chloride
Concen: 0.21 ug/l
RT: 7.00 min Scan# 240
Delta R.T. -0.01 min
Lab File: M340965.D
Acq: 13 Aug 2010 7:48 pm

Tgt Ion: 84 Resp: 6513

Ion	Ratio	Lower	Upper
84	100		
86	48.2	34.9	94.9
49	111.2	95.2	155.2

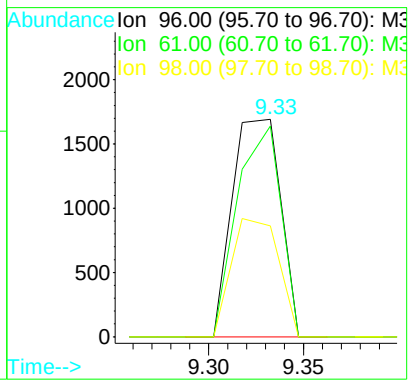


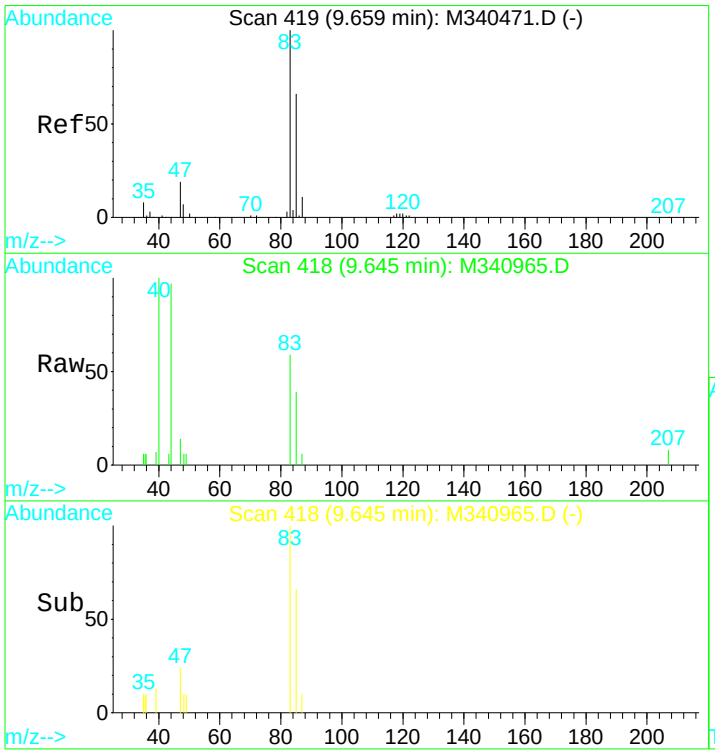


#27
cis-1,2 Dichloroethene
Concen: 0.10 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340965.D
Acq: 13 Aug 2010 7:48 pm

Tgt Ion: 96 Resp: 2998

Ion	Ratio	Lower	Upper
96	100		
61	96.9	79.2	139.2
98	50.9	35.1	95.1

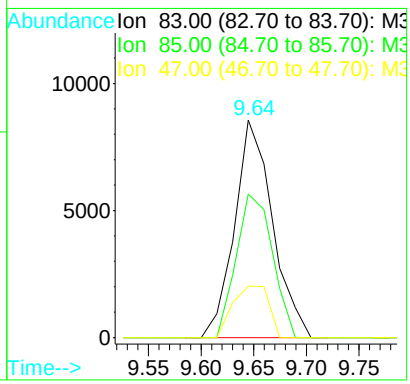


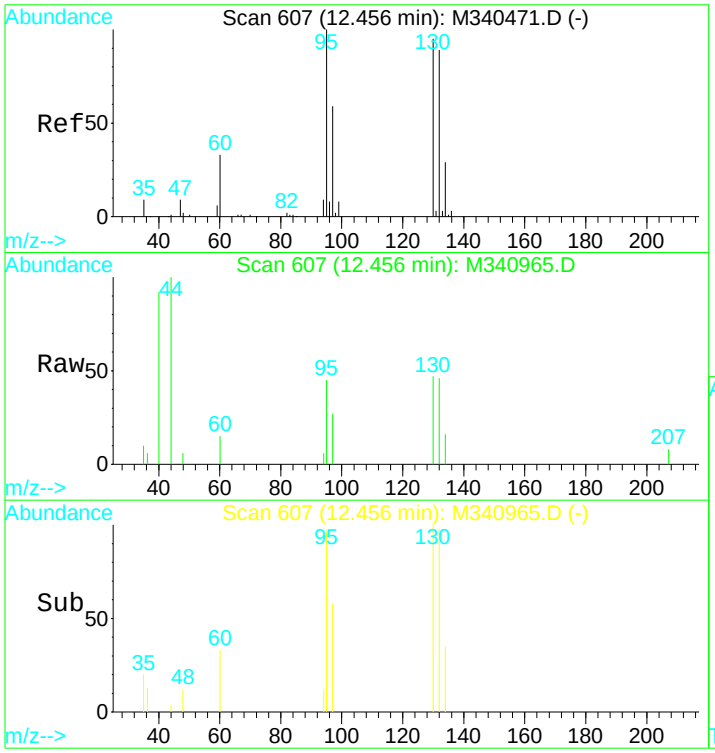


#33
Chloroform
Concen: 0.52 ug/l
RT: 9.64 min Scan# 418
Delta R.T. -0.01 min
Lab File: M340965.D
Acq: 13 Aug 2010 7:48 pm

Tgt Ion: 83 Resp: 21423

Ion	Ratio	Lower	Upper
83	100		
85	66.0	35.8	95.8
47	23.6	0.0	54.6

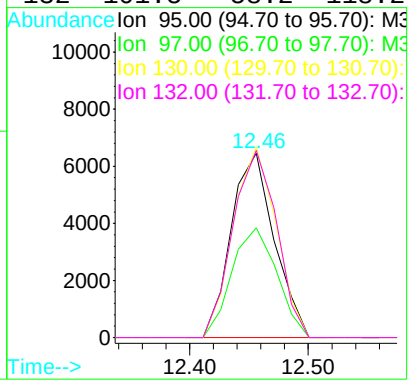




#44
Trichloroethene
Concen: 0.64 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340965.D
Acq: 13 Aug 2010 7:48 pm

Tgt Ion: 95 Resp: 16297

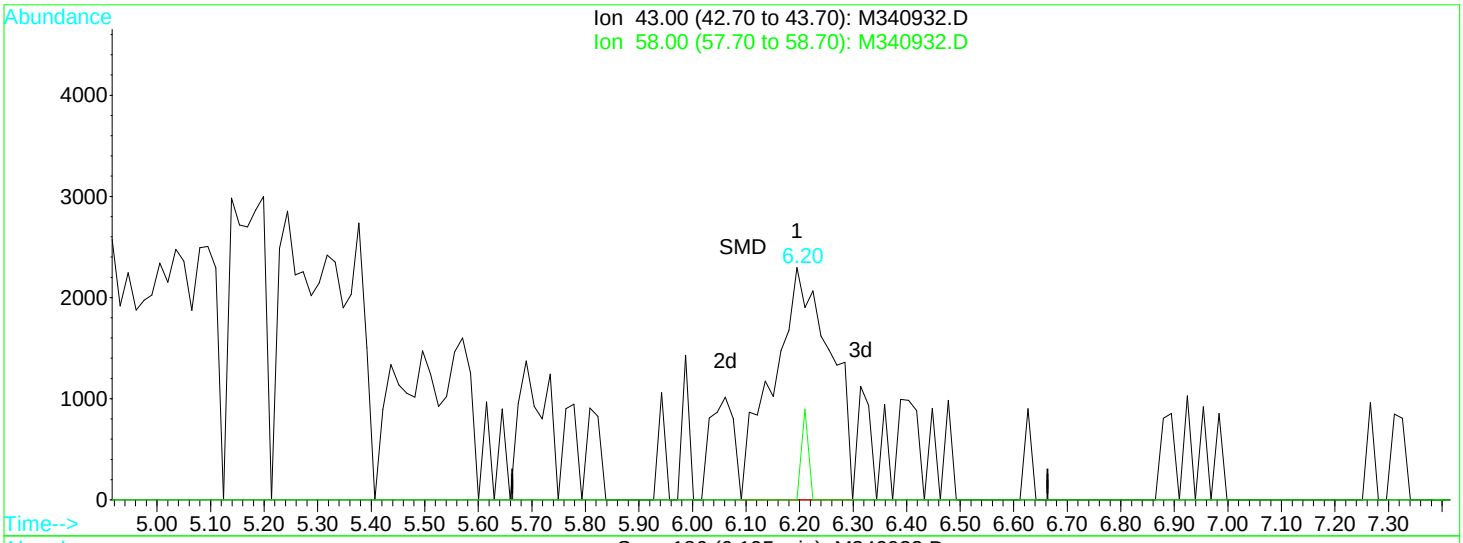
Ion	Ratio	Lower	Upper
95	100		
97	59.5	31.8	91.8
130	103.5	64.0	124.0
132	101.5	58.2	118.2

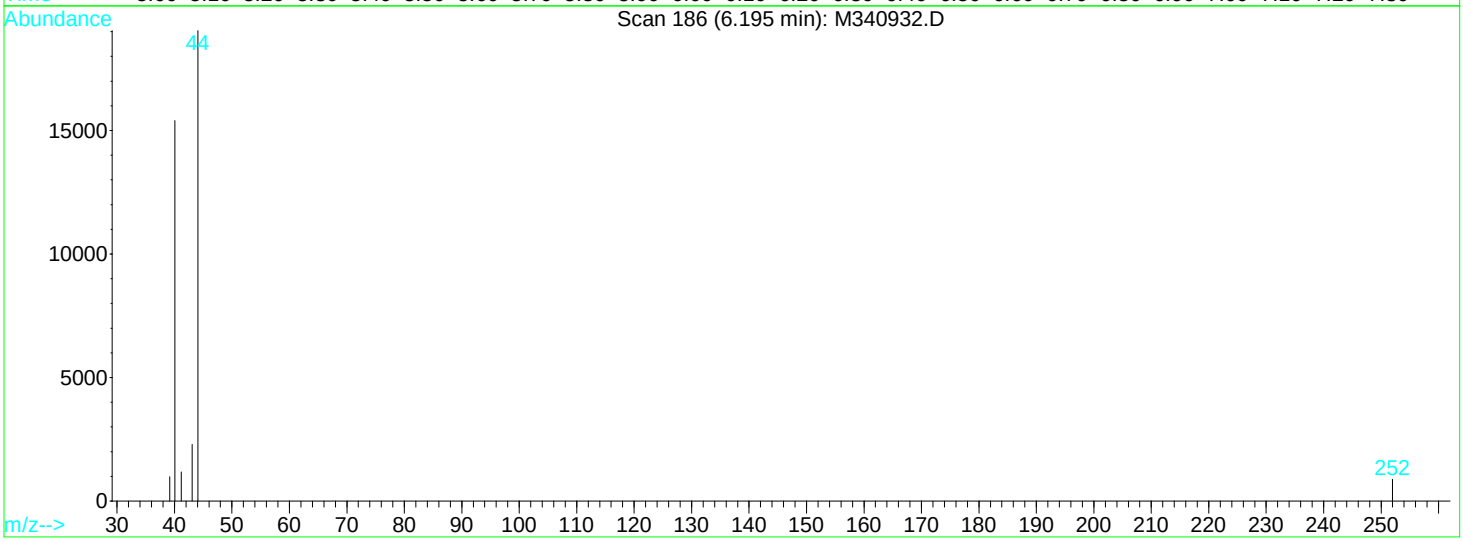


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:20 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340932.D

(10) Acetone

6.20min 2.31ug/l

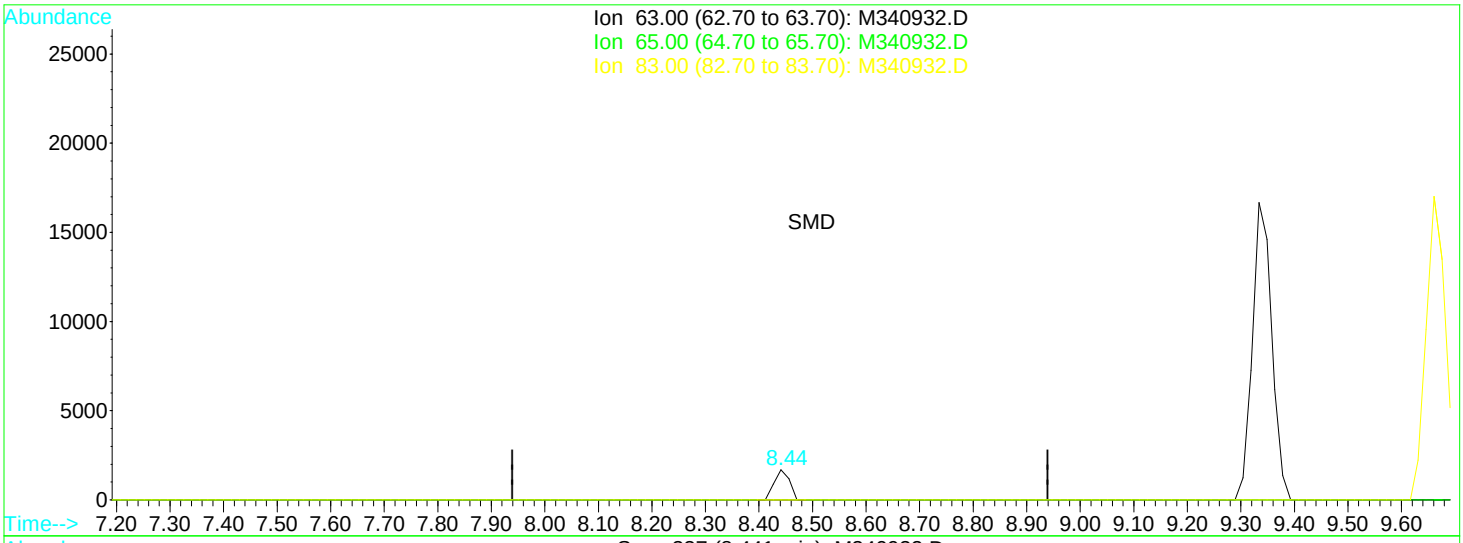
response 17051

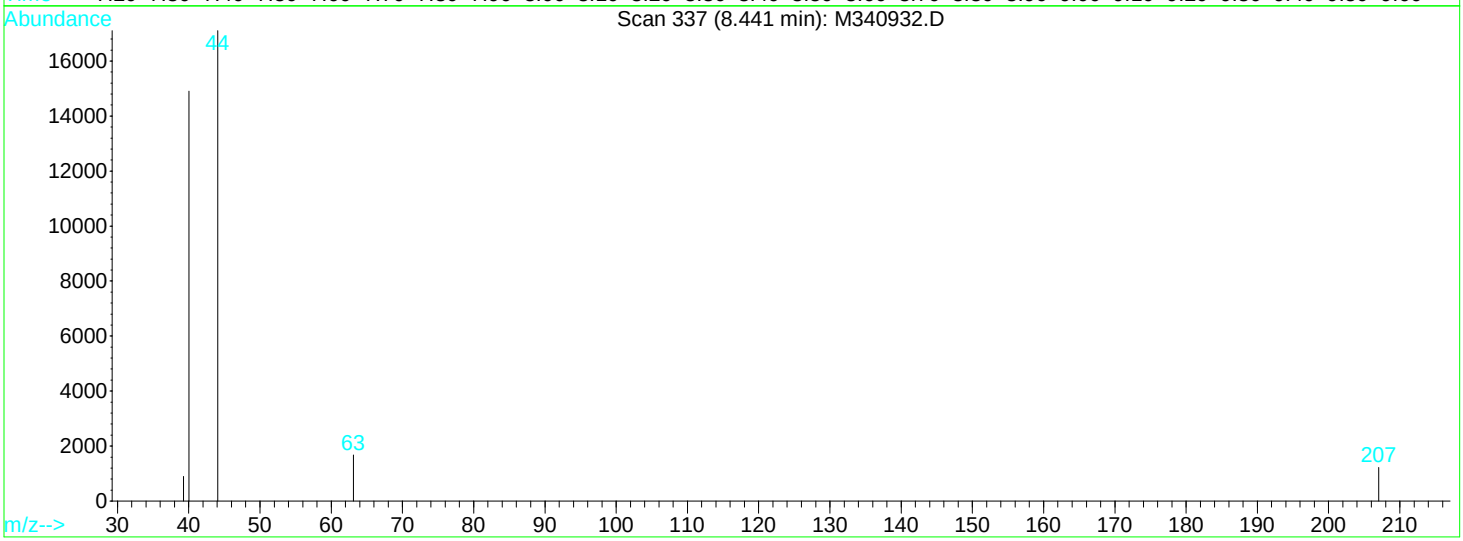
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:20 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340932.D

(21) 1,1-Dichloroethane

8.44min 0.07ug/l

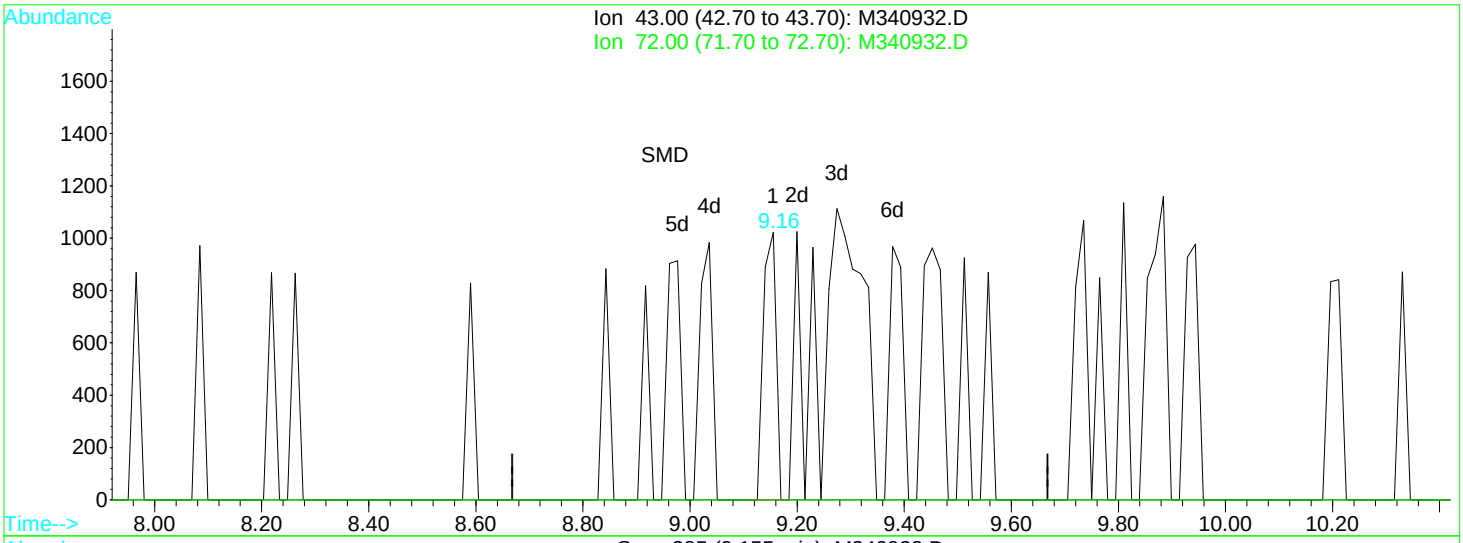
response 3335

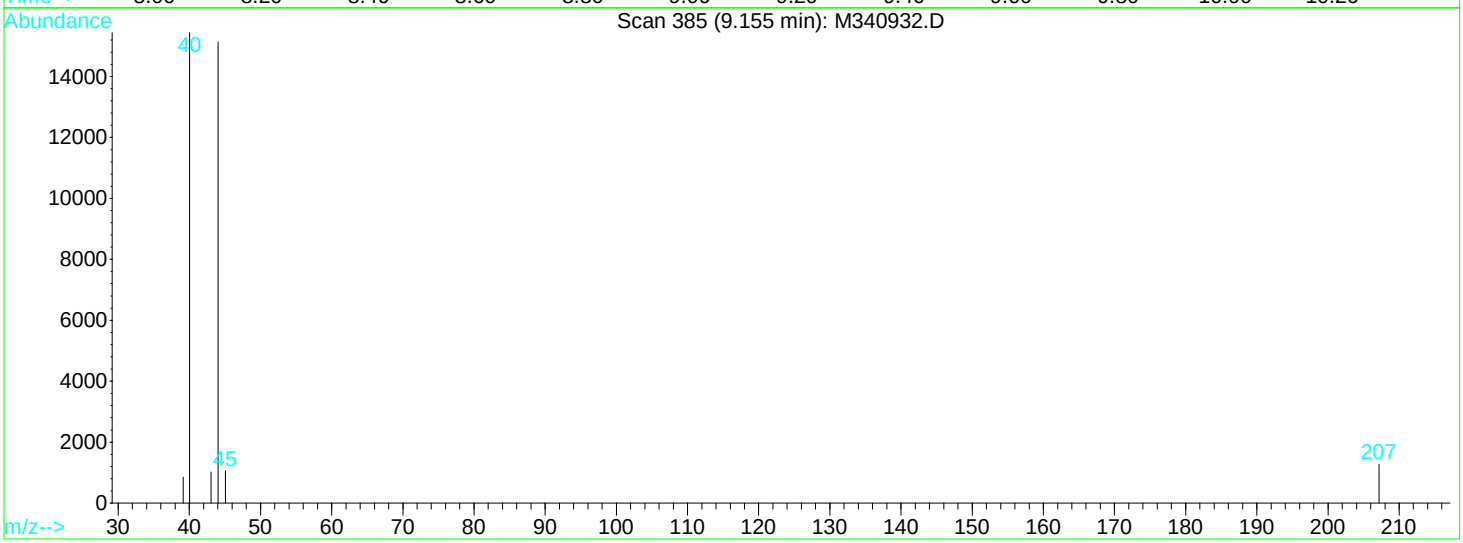
Ion	Exp%	Act%
63.00	100	100
65.00	31.50	0.00#
83.00	13.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:20 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340932.D

(24) 2-Butanone

9.16min 0.08ug/l

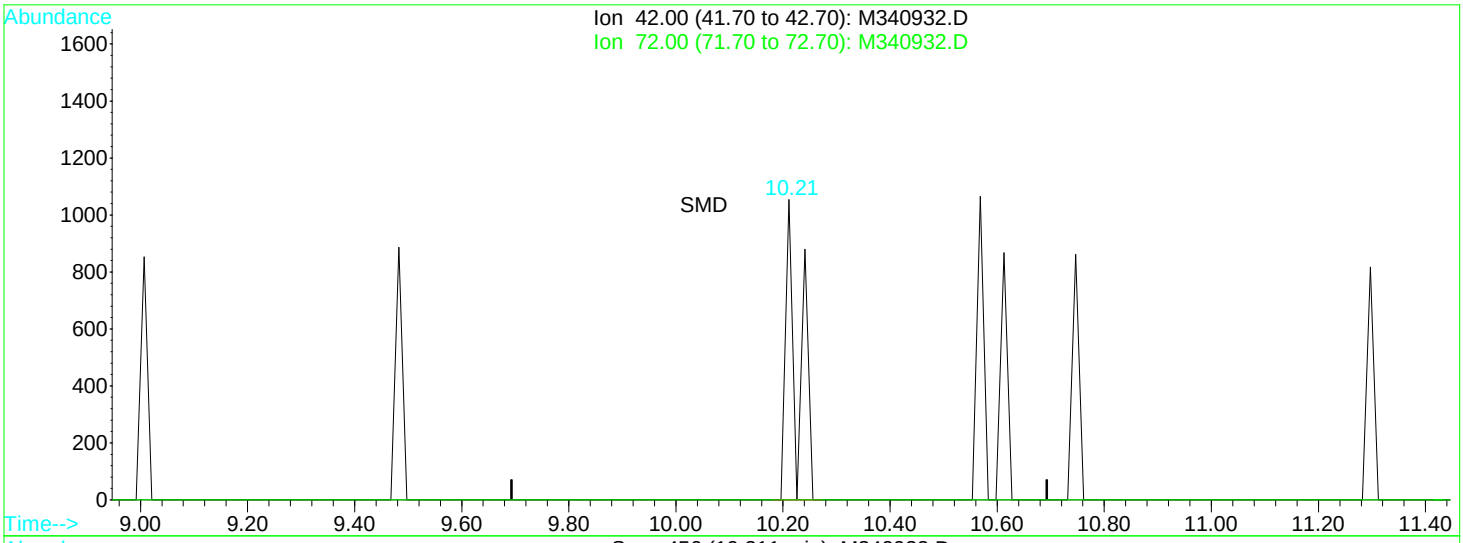
response 1707

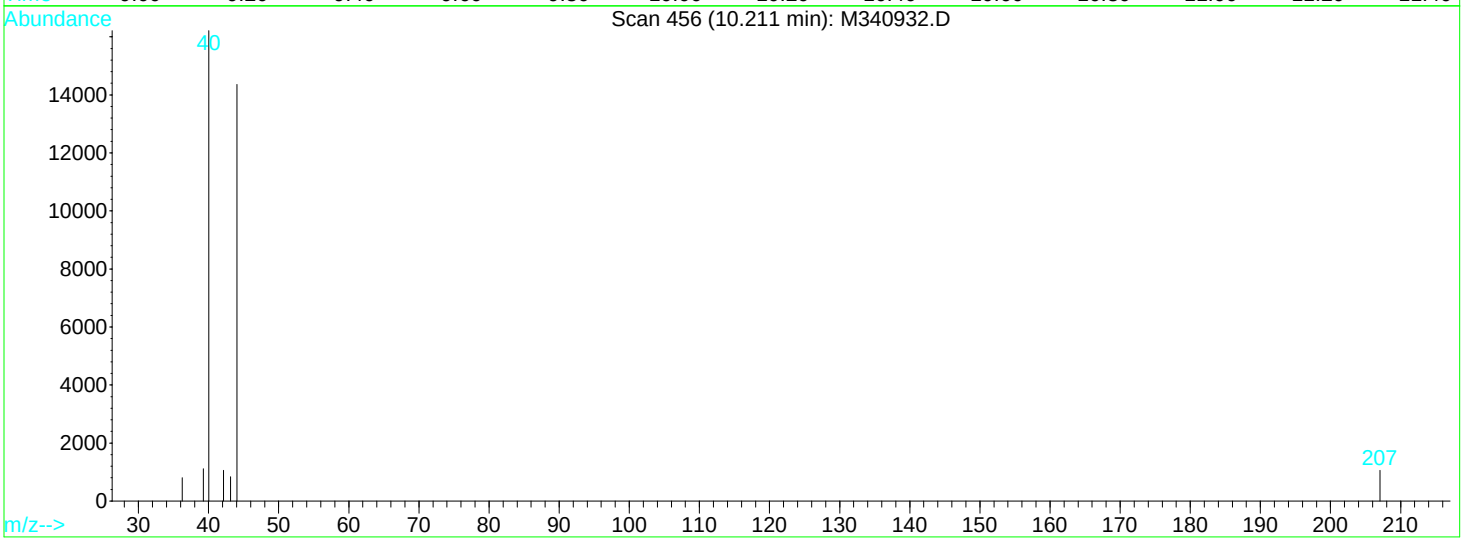
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:20 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340932.D

(32) Tetrahydrofuran

10.21min 0.22ug/l

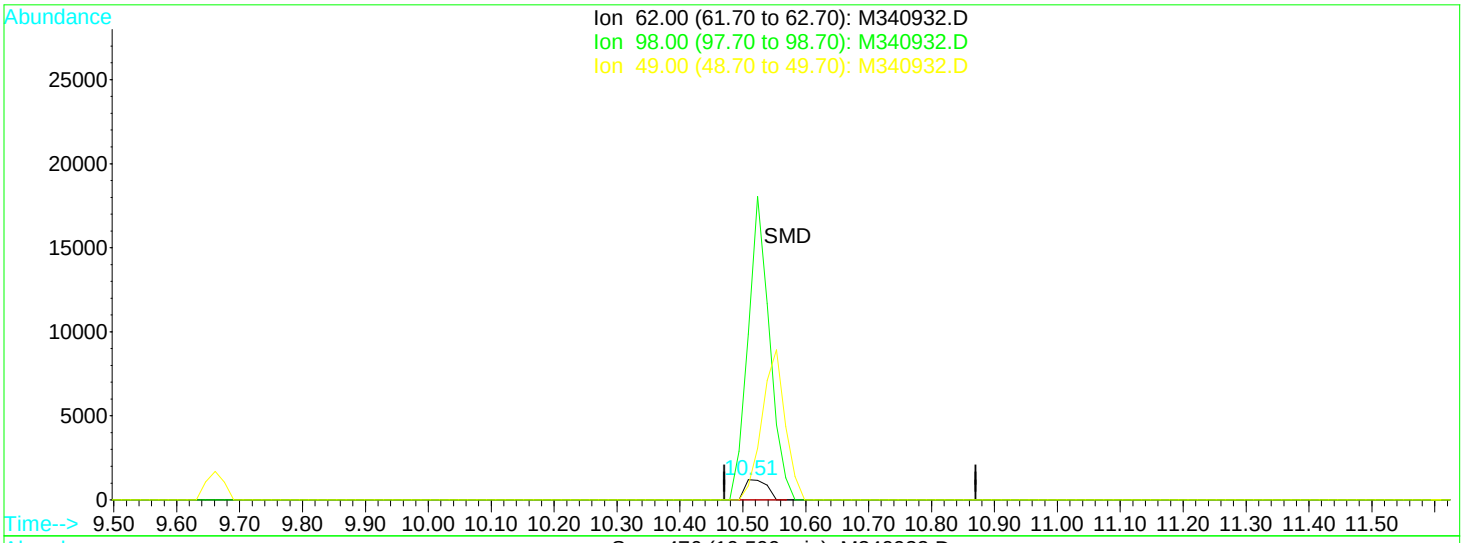
response 1725

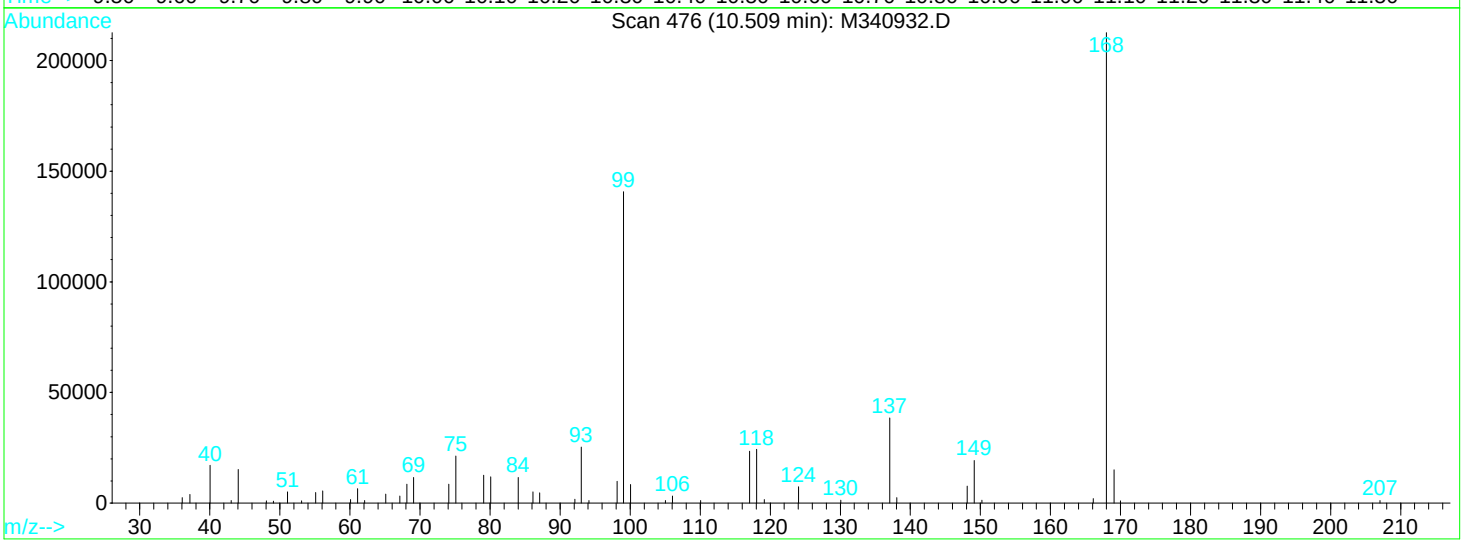
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:20 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340932.D

(42) 1,2-Dichloroethane

10.51min 0.10ug/l

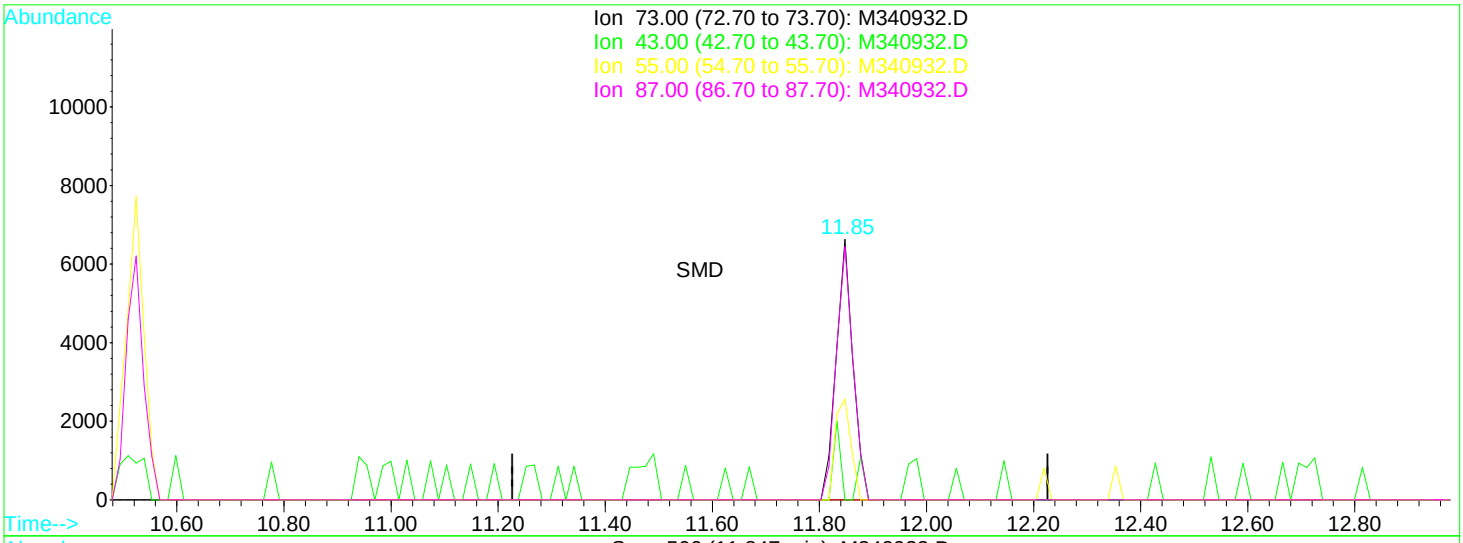
response 2901

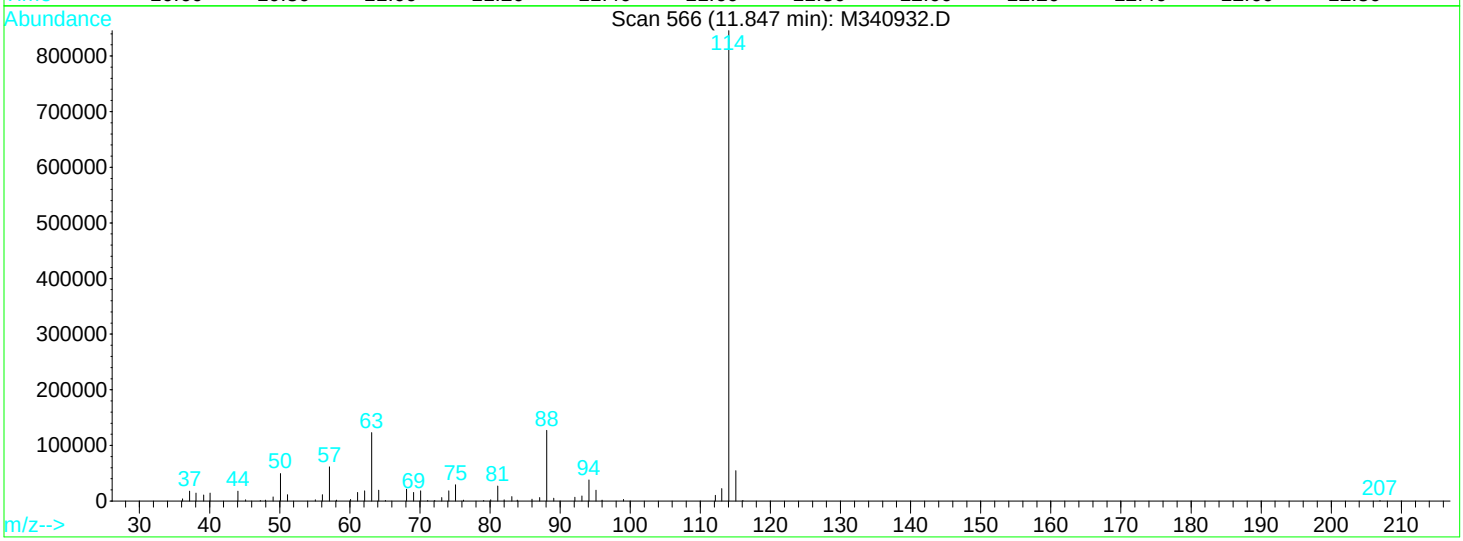
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	820.97#
49.00	39.80	69.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:21 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340932.D

(43) Tertiary-amyl methyl ether

11.85min 0.23ug/l

response 14617

Ion	Exp%	Act%
73.00	100	100
43.00	38.50	0.00#
55.00	29.80	38.66
87.00	22.80	97.21#

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:21 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

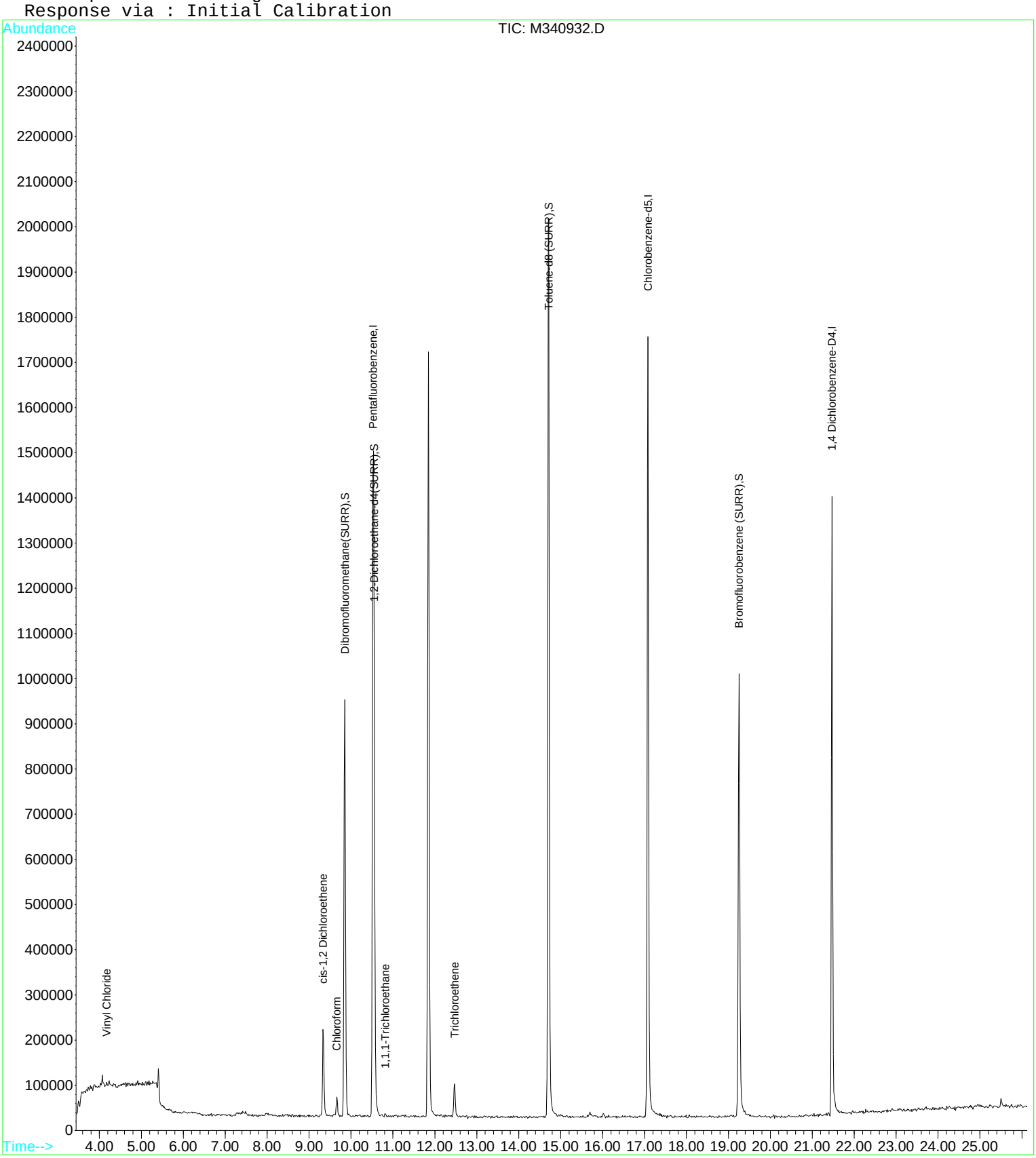
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1223625	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1678438	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	517708	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	797498	23.19	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.76%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	535983	21.82	ug/l	0.00
Spiked Amount 25.000			Recovery = 87.28%			
59) Toluene-d8 (SURR)	14.72	98	2083802	26.32	ug/l	0.00
Spiked Amount 25.000			Recovery = 105.28%			
75) Bromofluorobenzene (SURR)	19.25	95	628751	23.47	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.88%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	2756	0.11	ug/l #	1
27) cis-1,2 Dichloroethene	9.33	96	121418	3.58	ug/l	95
33) Chloroform	9.66	83	43799	0.96	ug/l	92
36) 1,1,1-Trichloroethane	10.82	97	2997	0.09	ug/l	84
44) Trichloroethene	12.47	95	33760	1.20	ug/l	78

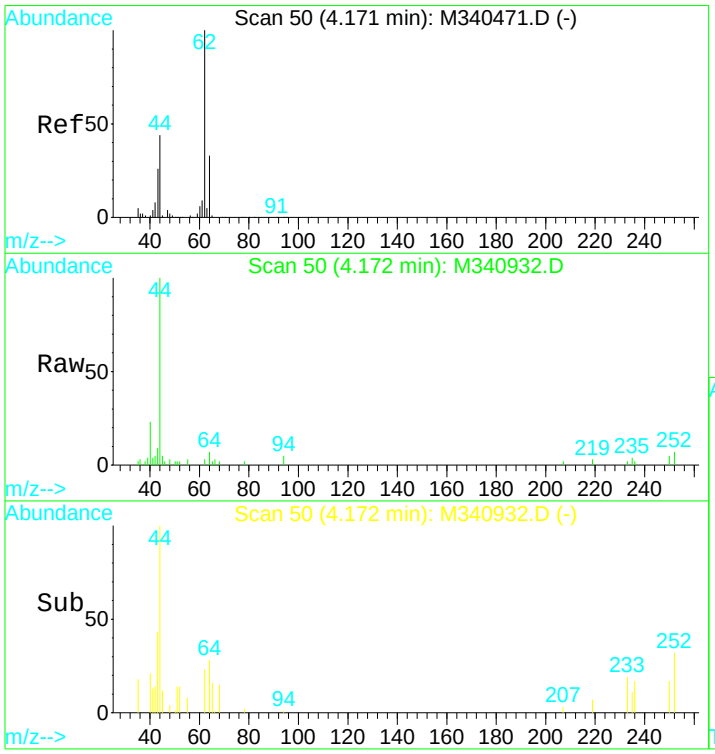
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340932.D Vial: 13
Acq On : 12 Aug 2010 2:42 pm Operator: MD
Sample : 1008142-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:21 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

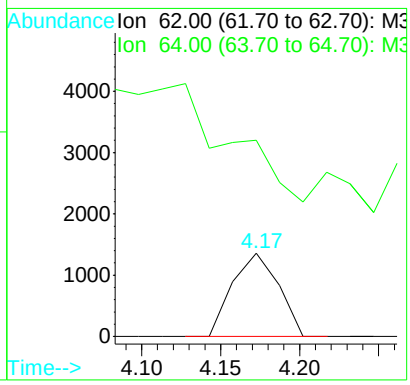


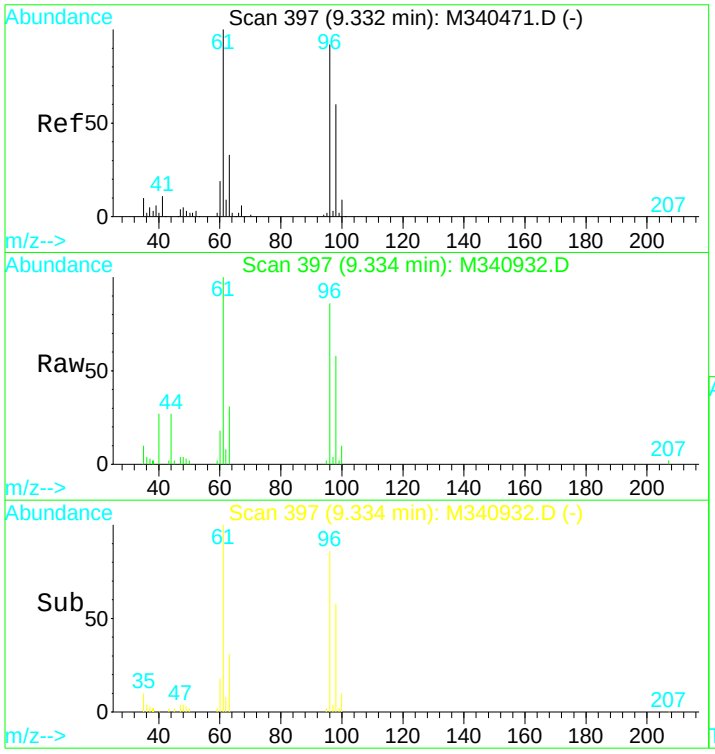


#4
Vinyl Chloride
Concen: 0.11 ug/l
RT: 4.17 min Scan# 50
Delta R.T. 0.00 min
Lab File: M340932.D
Acq: 12 Aug 2010 2:42 pm

Tgt Ion: 62 Resp: 2756

Ion	Ratio	Lower	Upper
62	100		
64	235.6	3.4	63.4#

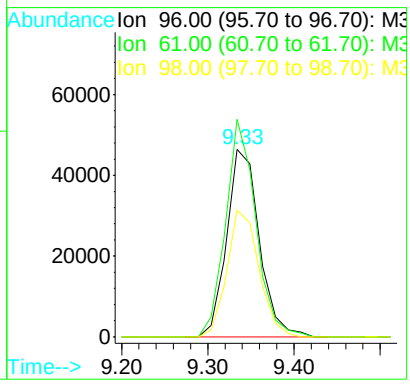


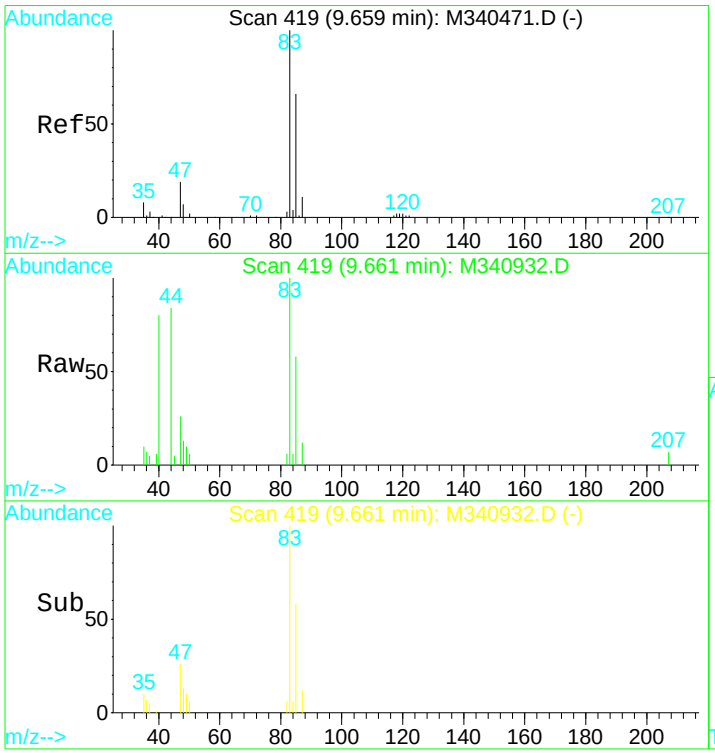


#27
cis-1,2 Dichloroethene
Concen: 3.58 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340932.D
Acq: 12 Aug 2010 2:42 pm

Tgt Ion: 96 Resp: 121418

Ion	Ratio	Lower	Upper
96	100		
61	116.1	79.2	139.2
98	67.5	35.1	95.1

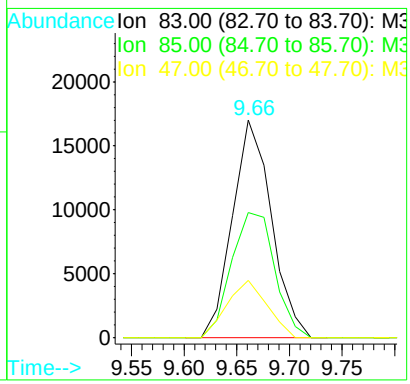


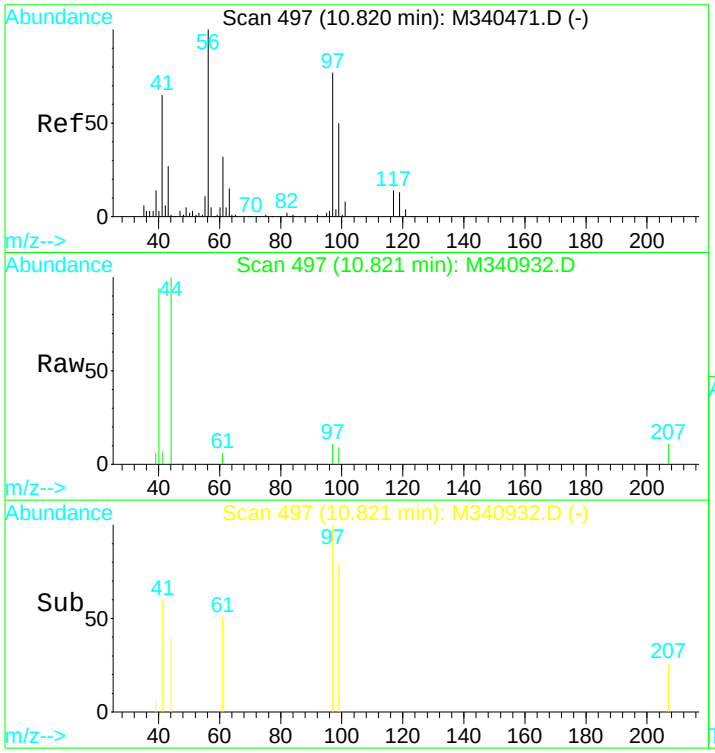


#33
Chloroform
Concen: 0.96 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340932.D
Acq: 12 Aug 2010 2:42 pm

Tgt Ion: 83 Resp: 43799

Ion	Ratio	Lower	Upper
83	100		
85	57.5	35.8	95.8
47	26.2	0.0	54.6

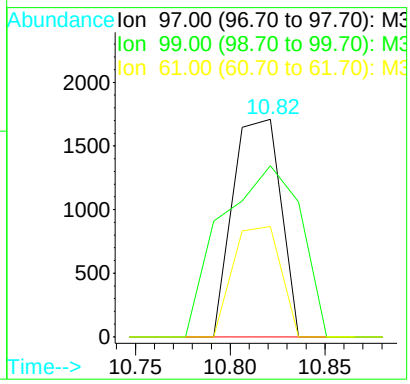


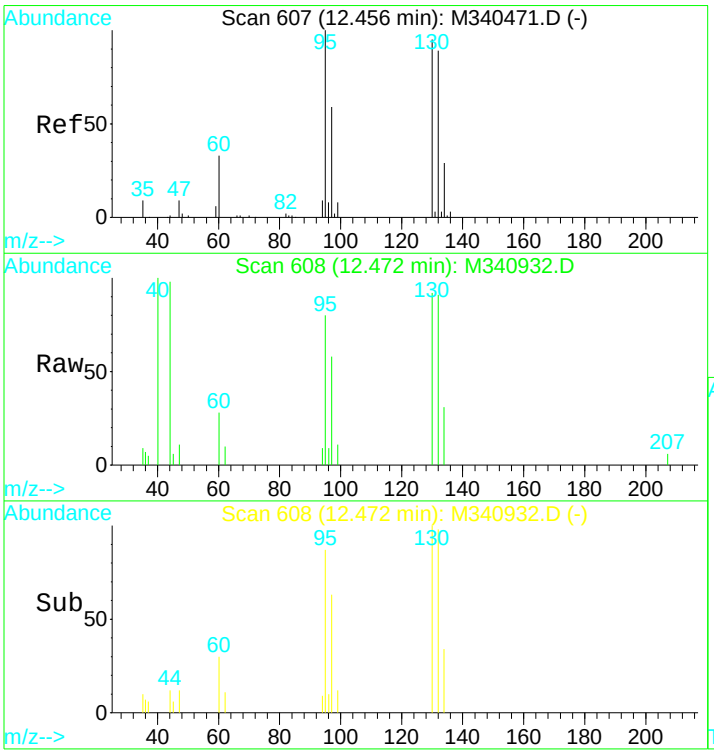


#36
1,1,1-Trichloroethane
Concen: 0.09 ug/l
RT: 10.82 min Scan# 497
Delta R.T. 0.00 min
Lab File: M340932.D
Acq: 12 Aug 2010 2:42 pm

Tgt Ion: 97 Resp: 2997

Ion	Ratio	Lower	Upper
97	100		
99	78.7	34.9	94.9
61	50.7	11.4	71.4

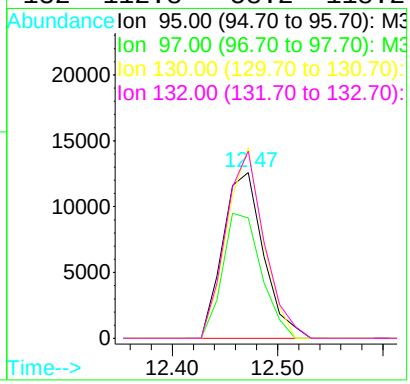




#44
Trichloroethene
Concen: 1.20 ug/l
RT: 12.47 min Scan# 608
Delta R.T. 0.02 min
Lab File: M340932.D
Acq: 12 Aug 2010 2:42 pm

Tgt Ion: 95 Resp: 33760

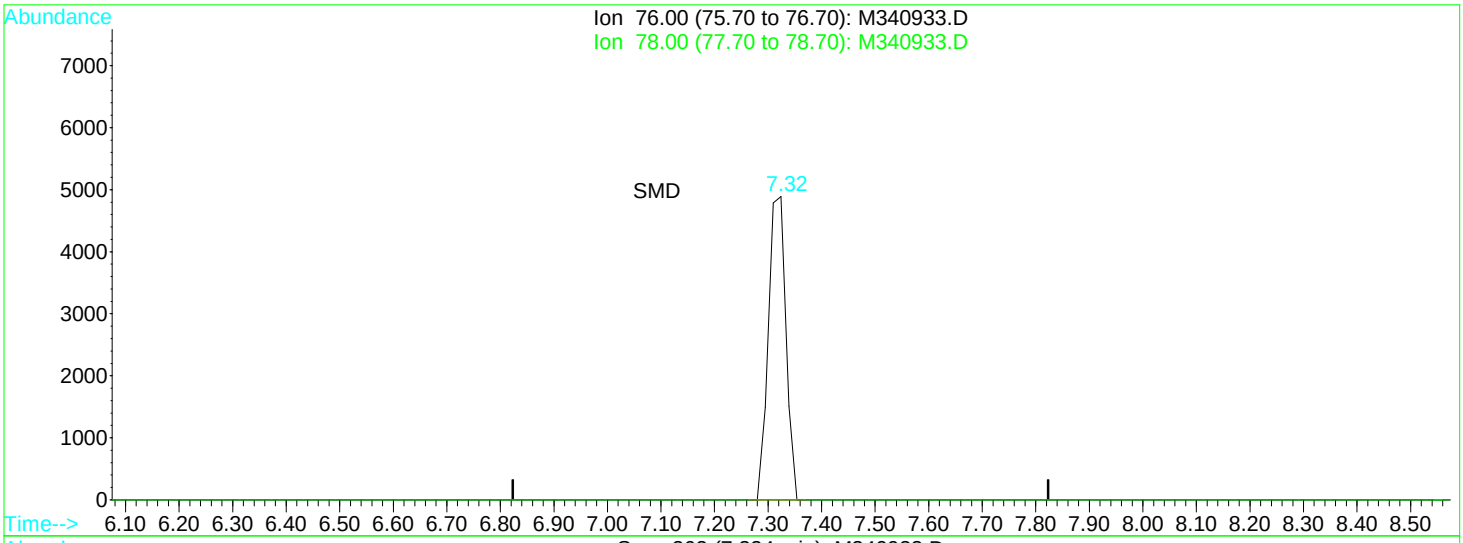
Ion	Ratio	Lower	Upper
95	100		
97	72.7	31.8	91.8
130	115.1	64.0	124.0
132	112.8	58.2	118.2

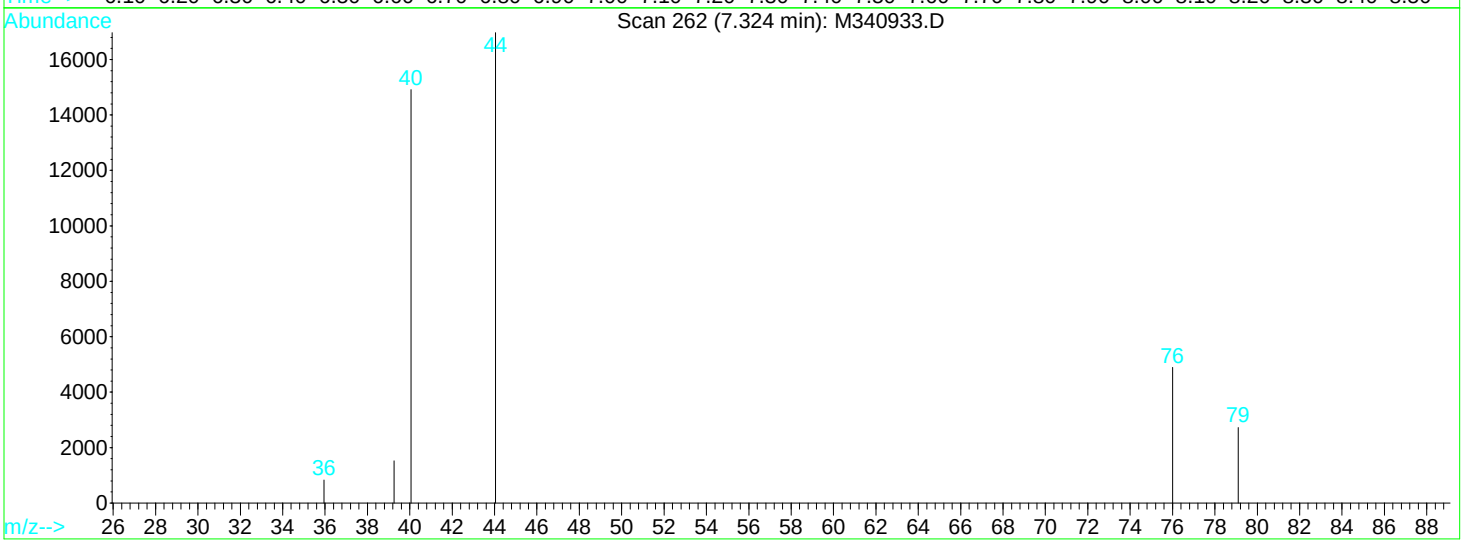


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:21 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(15) Carbon Disulfide

7.32min 0.15ug/l

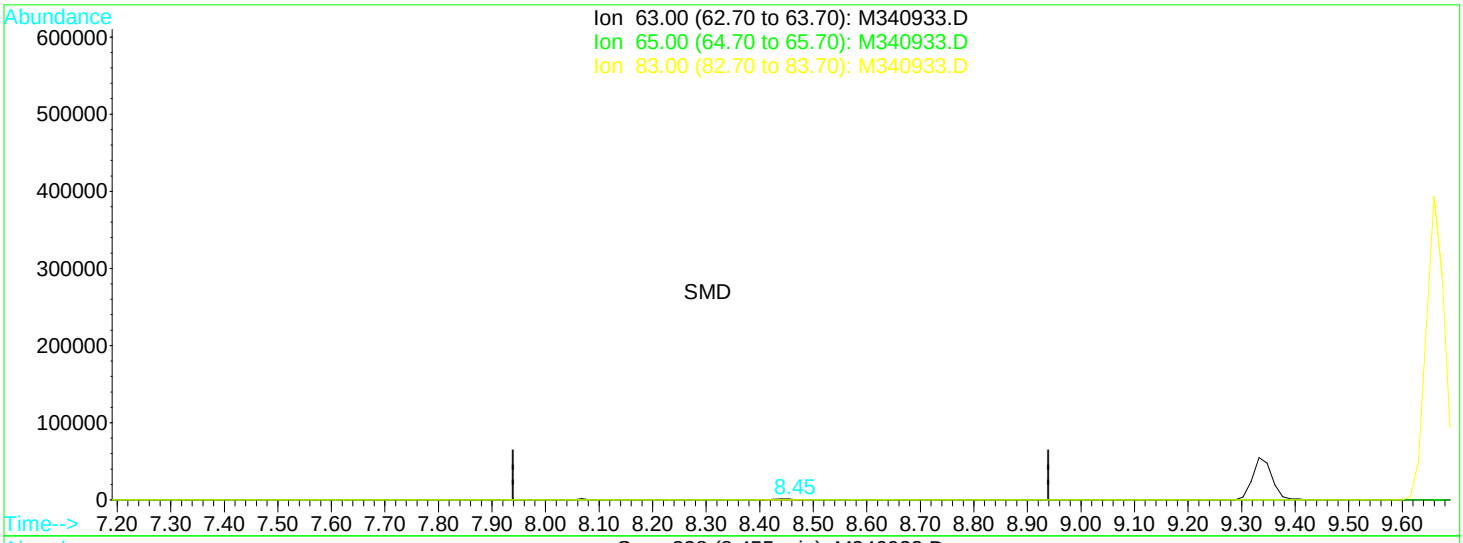
response 11314

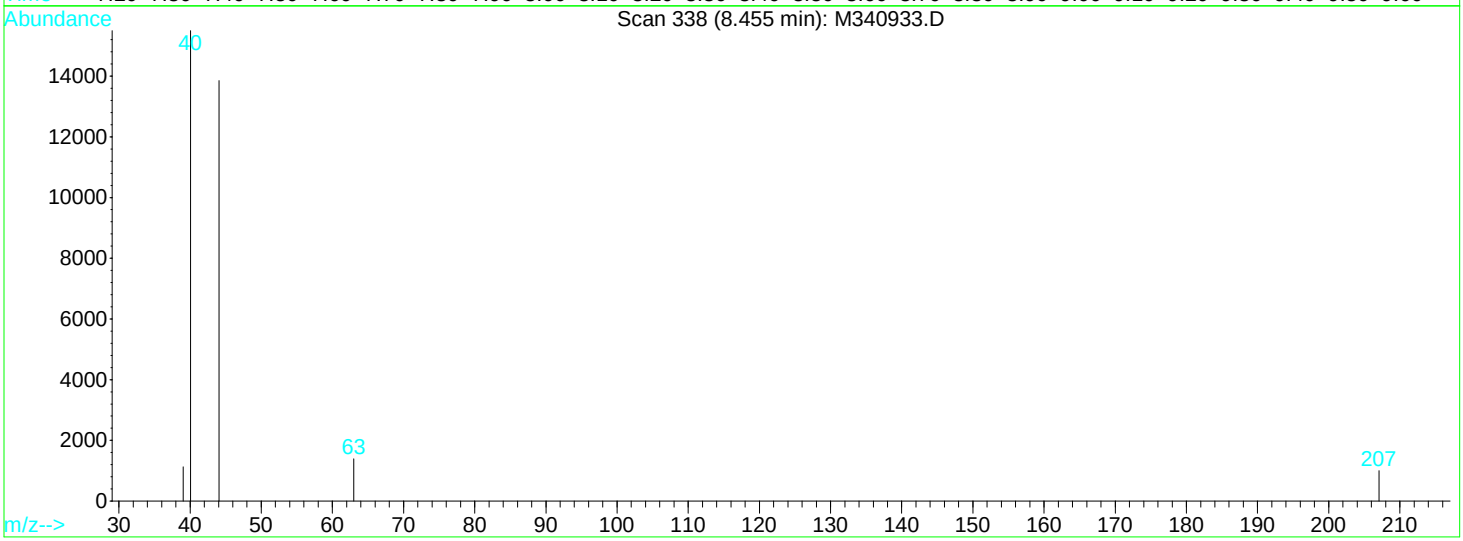
Ion	Exp%	Act%
76.00	100	100
78.00	9.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:21 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(21) 1,1-Dichloroethane

8.45min 0.07ug/l

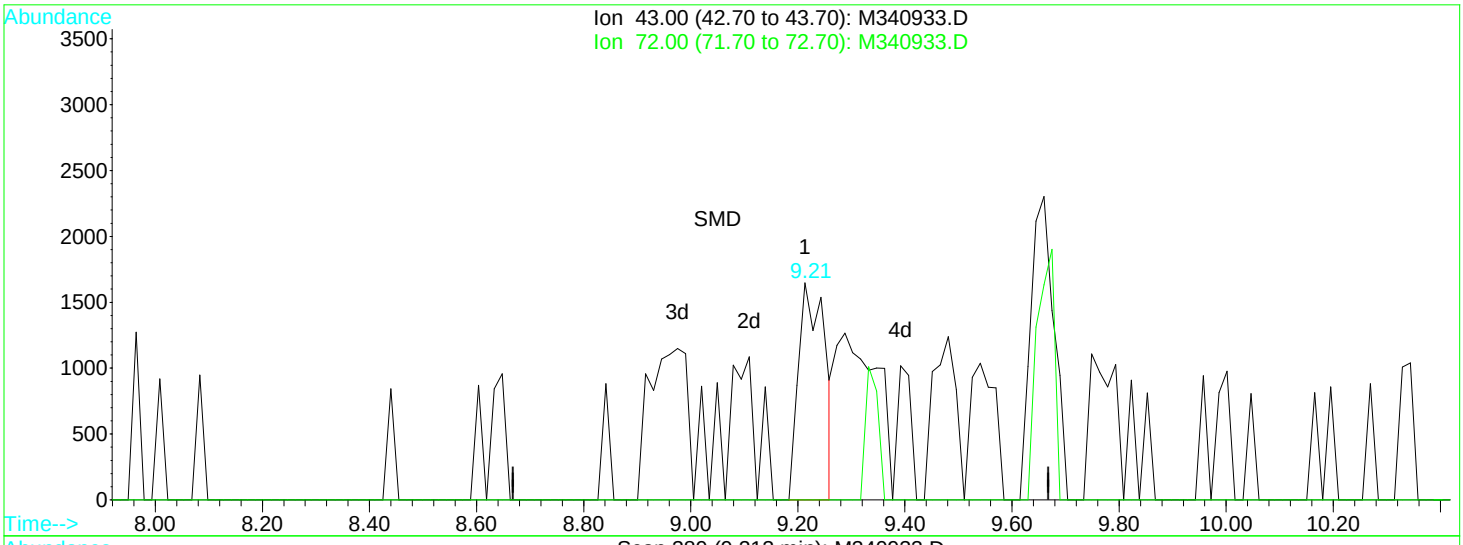
response 3117

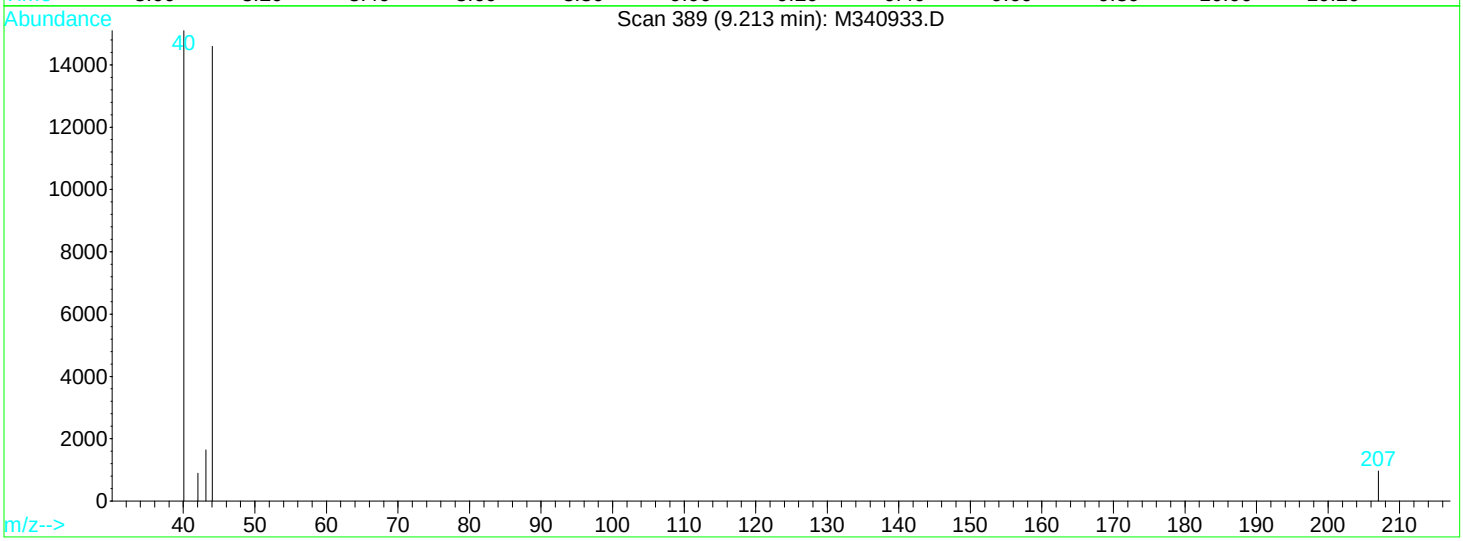
Ion	Exp%	Act%
63.00	100	100
65.00	31.50	0.00#
83.00	13.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(24) 2-Butanone

9.21min 0.27ug/l

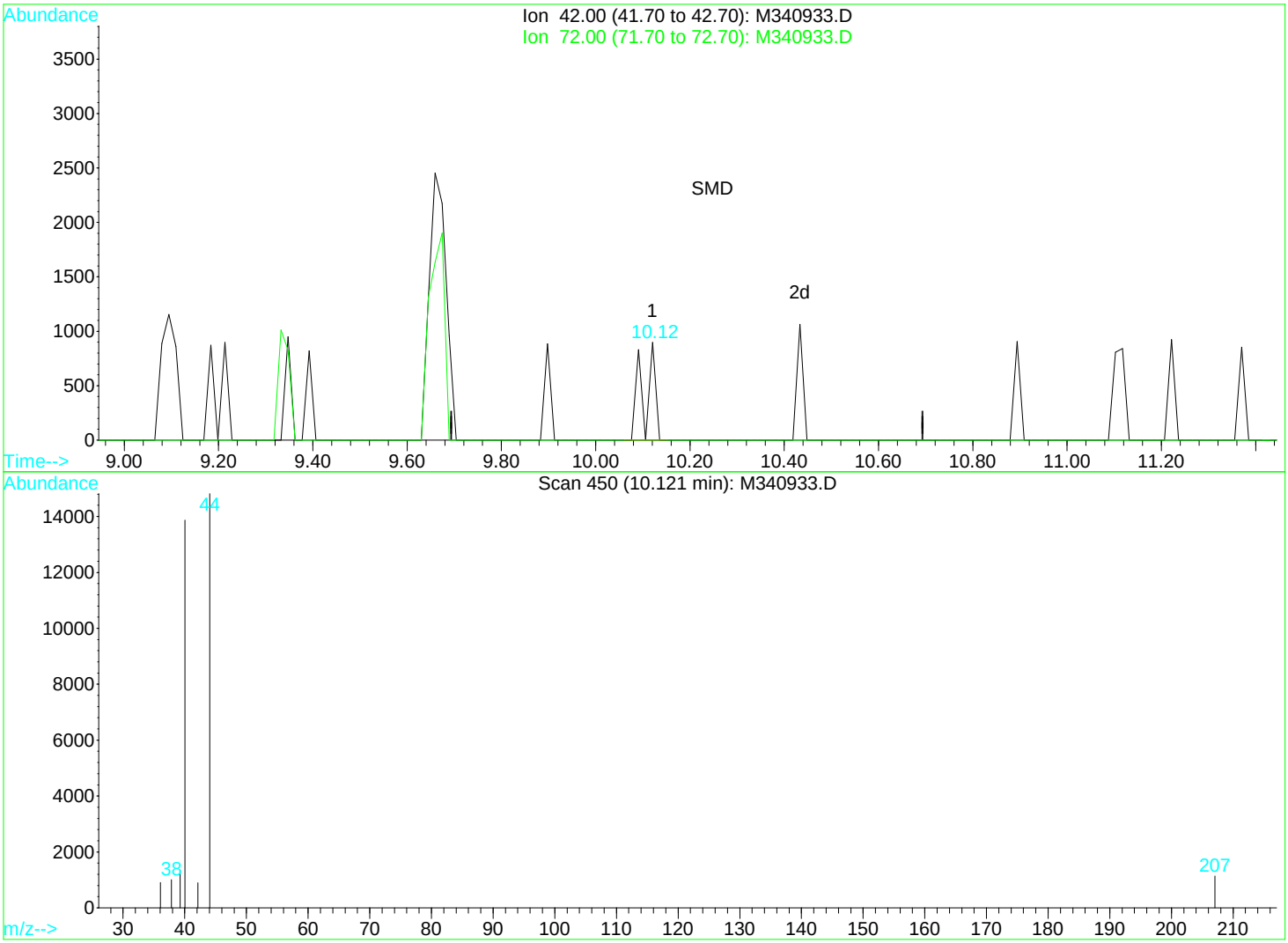
response 5575

Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340933.D

(32) Tetrahydrofuran

10.12min 0.20ug/l

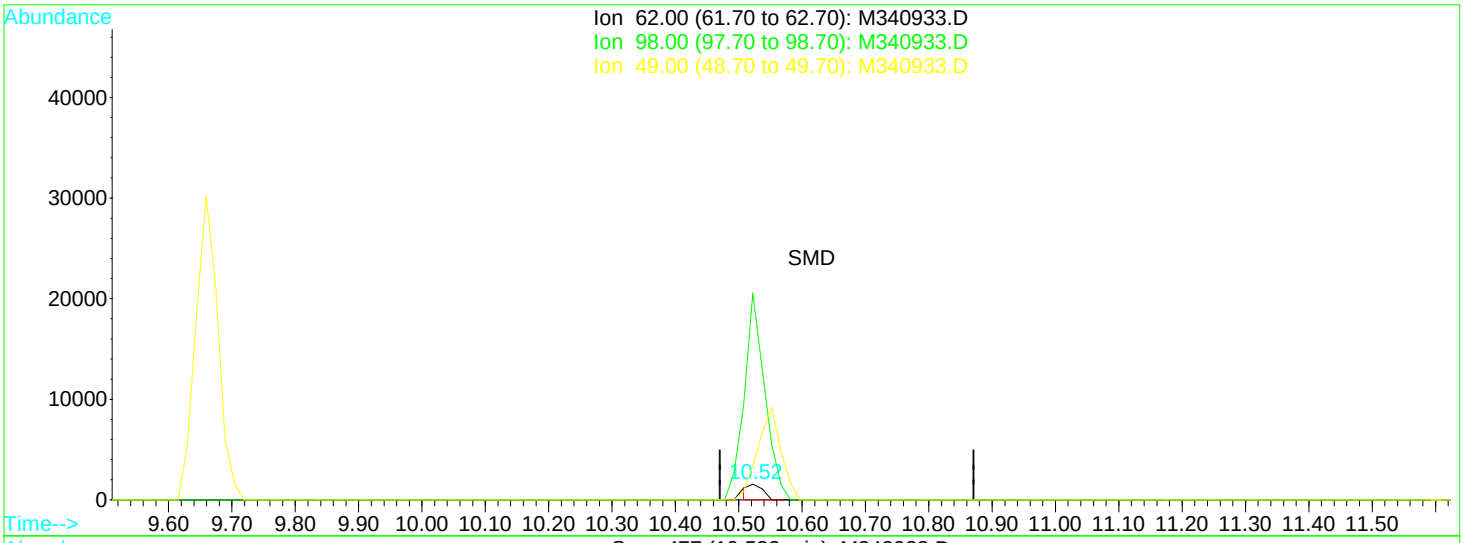
response 1542

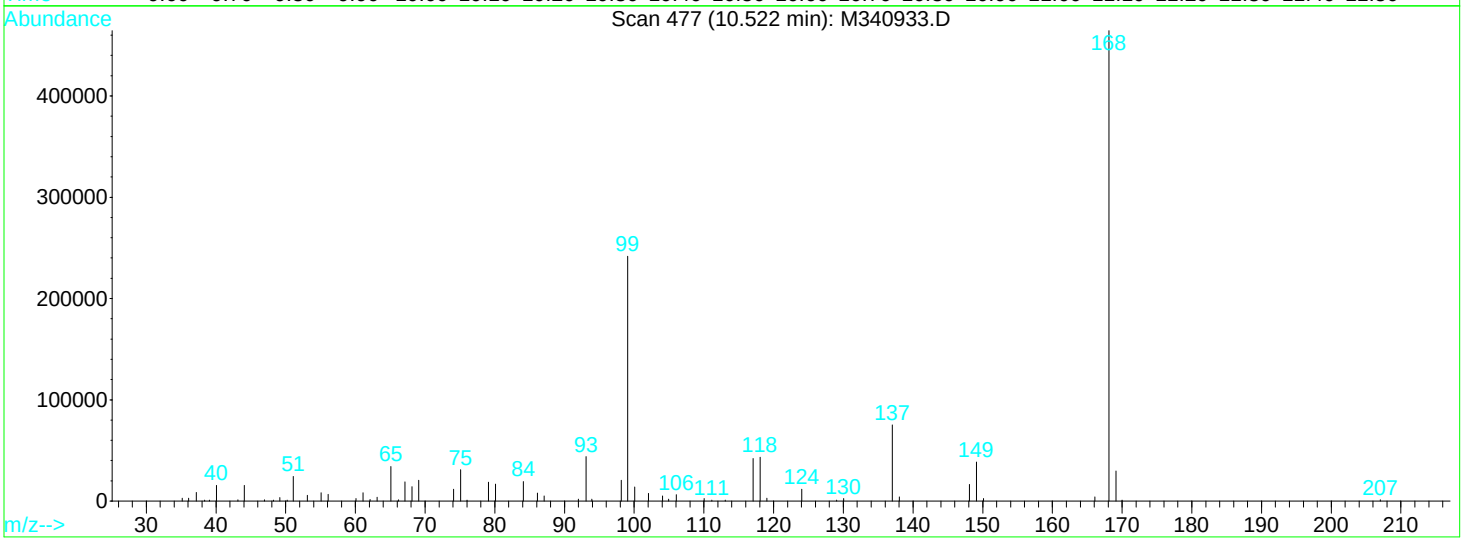
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(42) 1,2-Dichloroethane

10.52min 0.08ug/l

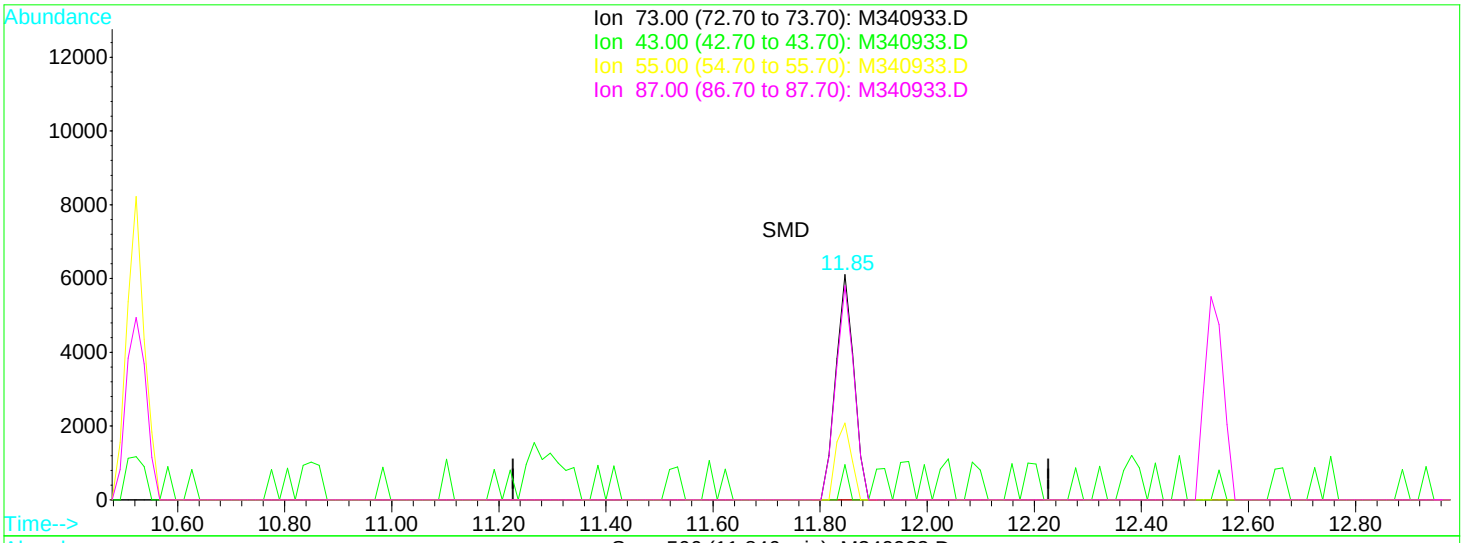
response 2367

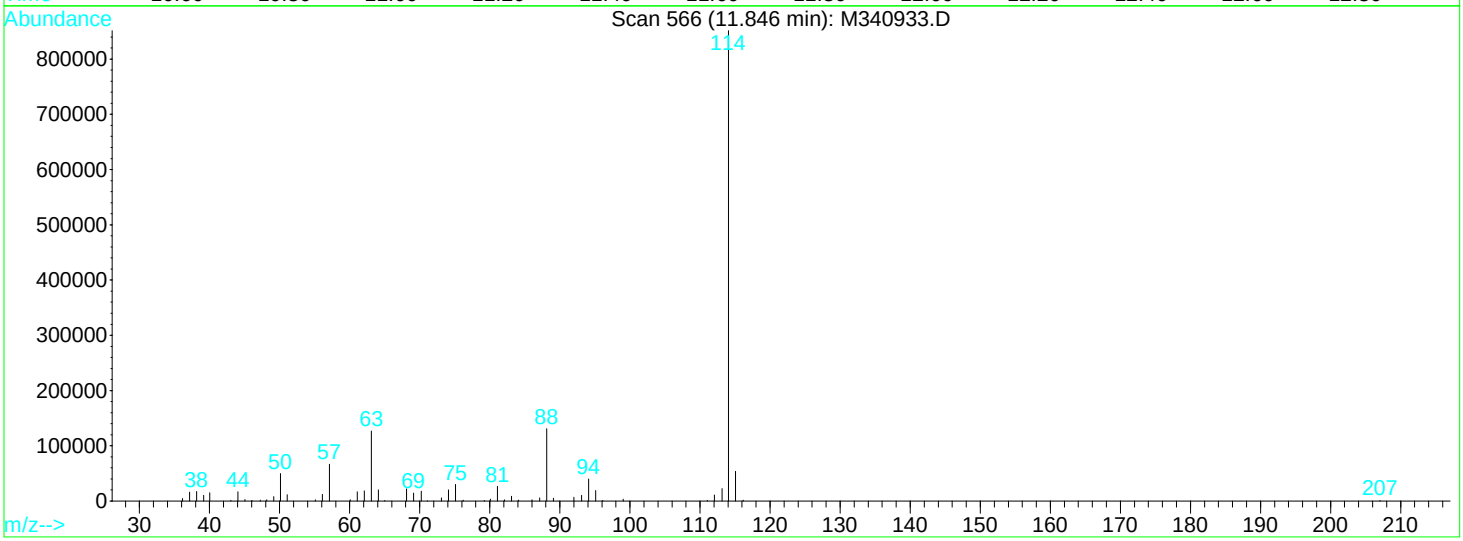
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	1308.21#
49.00	39.80	218.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(43) Tertiary-amyl methyl ether

11.85min 0.23ug/l

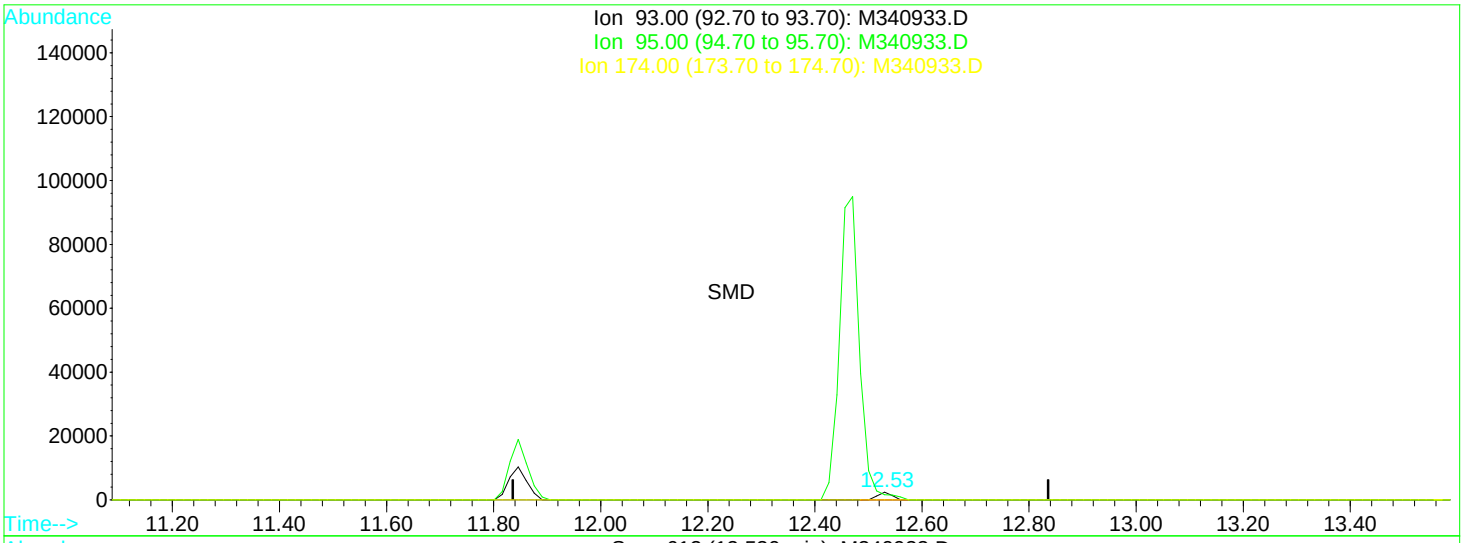
response 14542

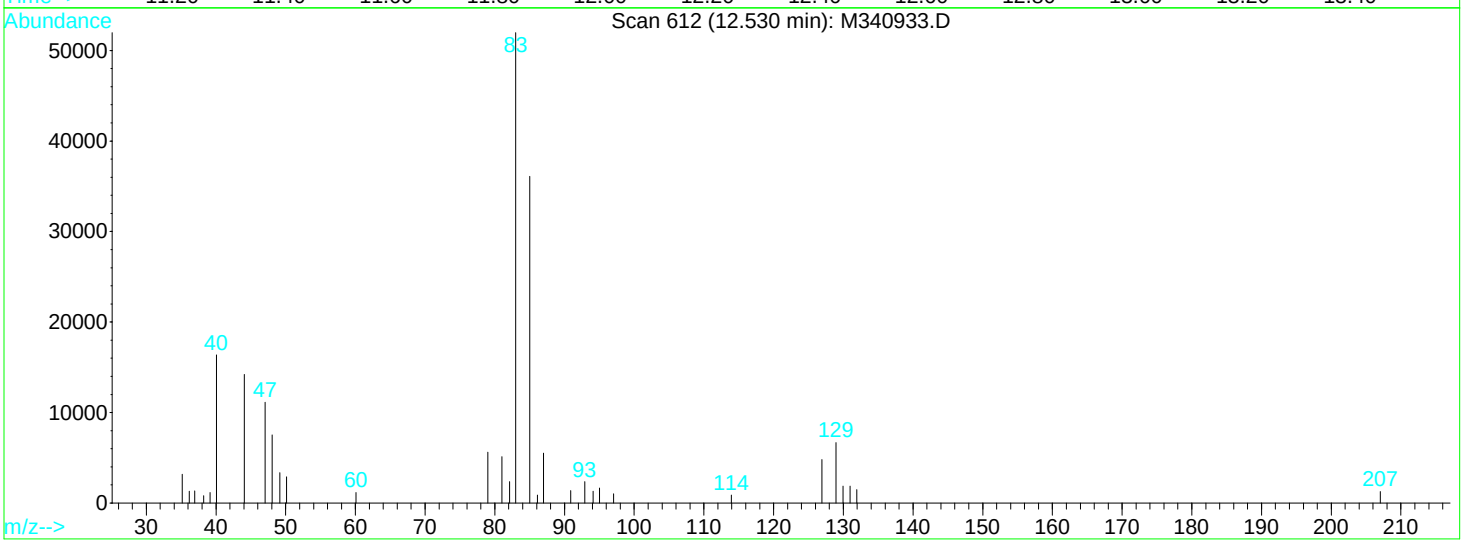
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	15.63
55.00	29.80	34.07
87.00	22.80	95.02#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(46) Dibromomethane

12.53min 0.18ug/l

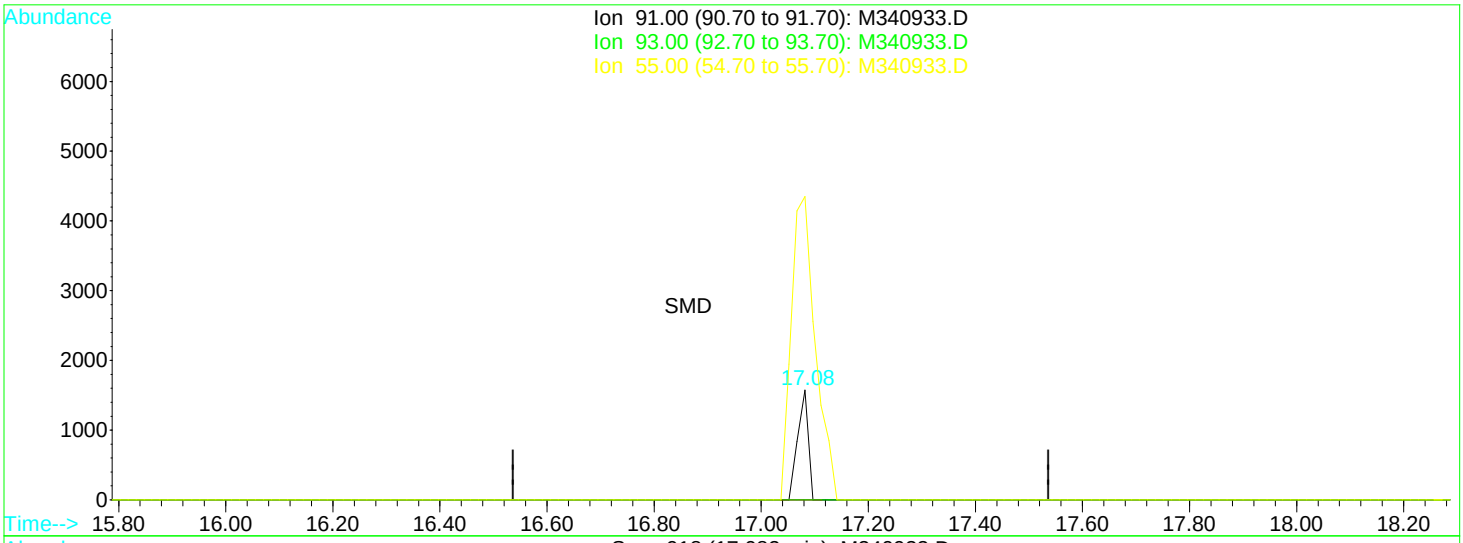
response 4351

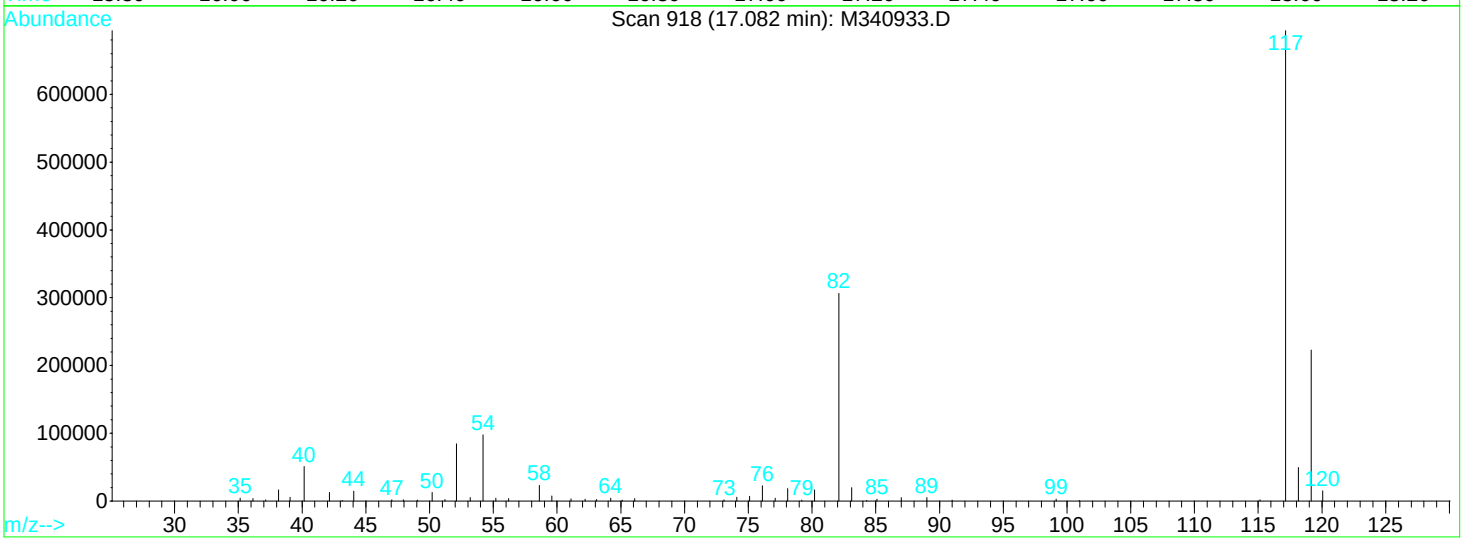
Ion	Exp%	Act%
93.00	100	100
95.00	82.20	69.83
174.00	110.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340933.D

(66) 1-Chlorohexane

17.08min 0.10ug/l

response 2152

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	276.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

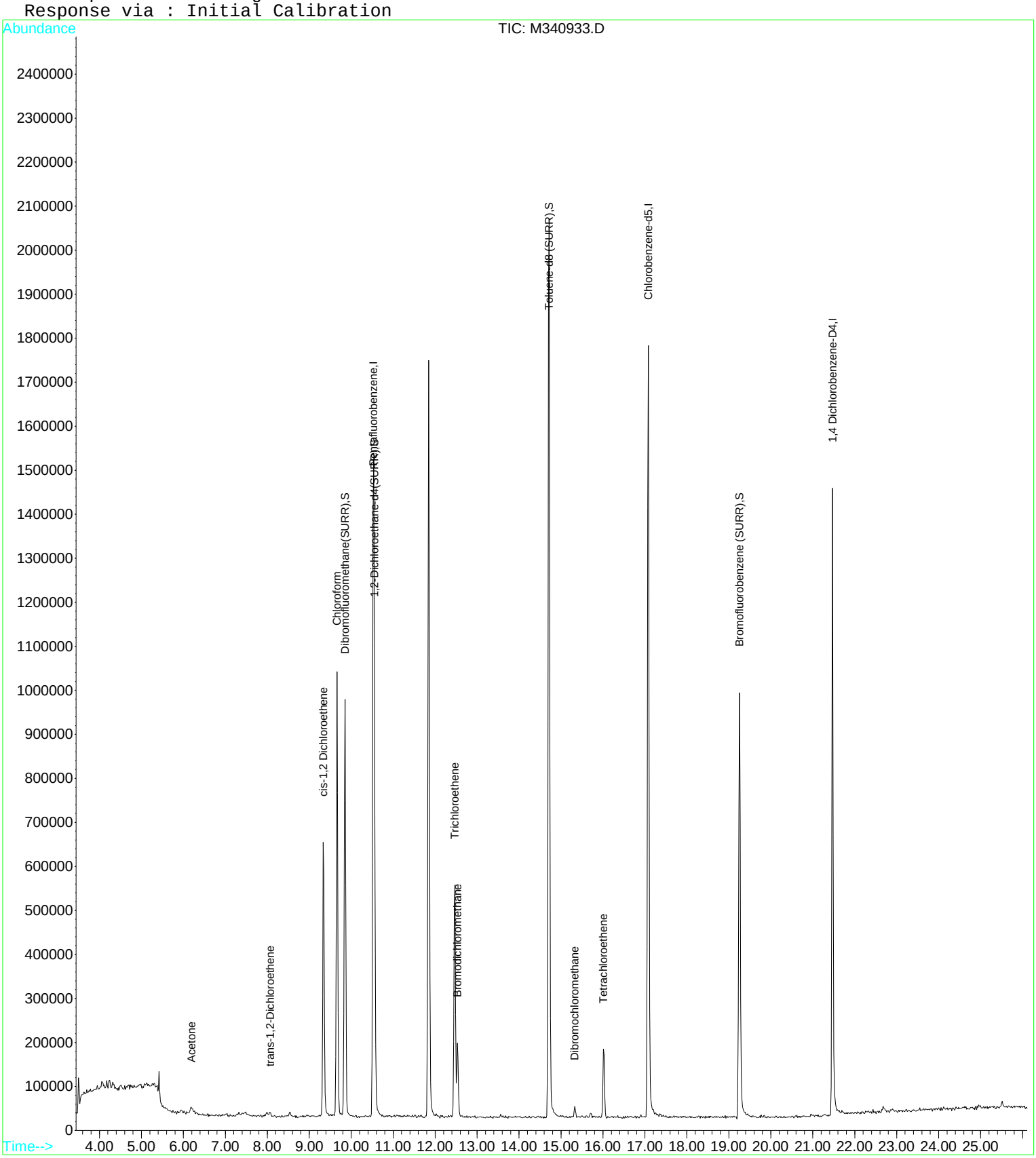
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1213536	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1706207	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	517328	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	793516	23.26	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.04%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	524665	21.54	ug/l	0.00
Spiked Amount 25.000			Recovery = 86.16%			
59) Toluene-d8 (SURR)	14.72	98	2111077	26.23	ug/l	0.00
Spiked Amount 25.000			Recovery = 104.92%			
75) Bromofluorobenzene (SURR)	19.25	95	627150	23.03	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.12%			
Target Compounds						Qvalue
10) Acetone	6.19	43	50397	6.87	ug/l	89
20) trans-1,2-Dichloroethene	8.07	96	6269	0.21	ug/l	90
27) cis-1,2 Dichloroethene	9.33	96	410678	12.22	ug/l	100
33) Chloroform	9.66	83	969270	21.46	ug/l	99
44) Trichloroethene	12.47	95	250193	8.94	ug/l	85
48) Bromodichloromethane	12.53	83	134325	4.09	ug/l	93
63) Tetrachloroethene	16.01	164	58186	3.51	ug/l	95
64) Dibromochloromethane	15.33	129	24440	0.86	ug/l	100

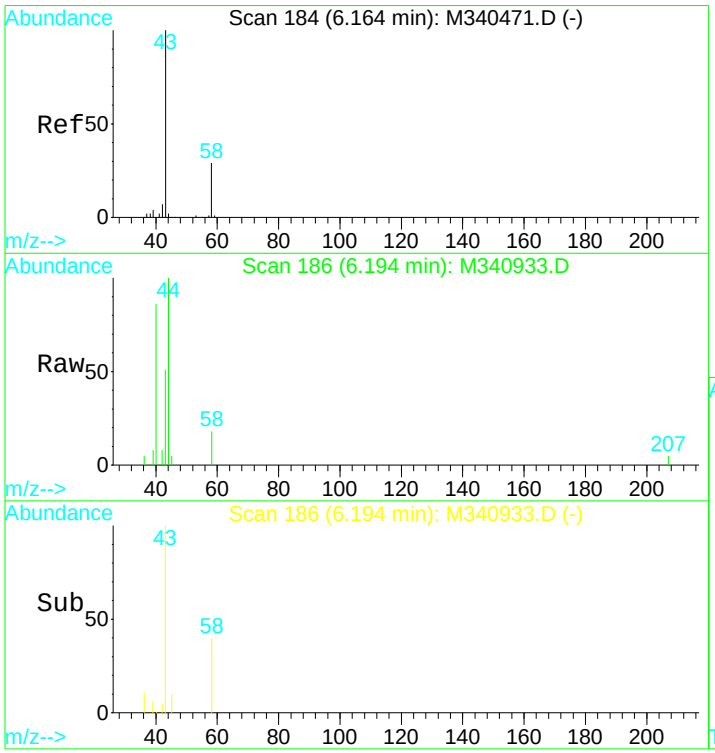
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340933.D Vial: 14
Acq On : 12 Aug 2010 3:14 pm Operator: MD
Sample : 1008142-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:22 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

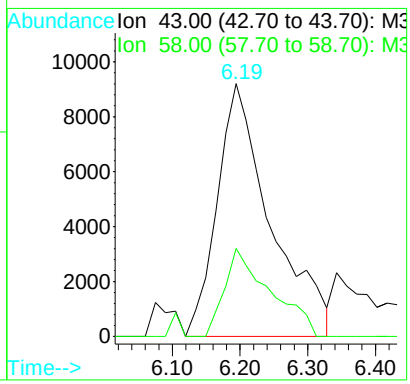


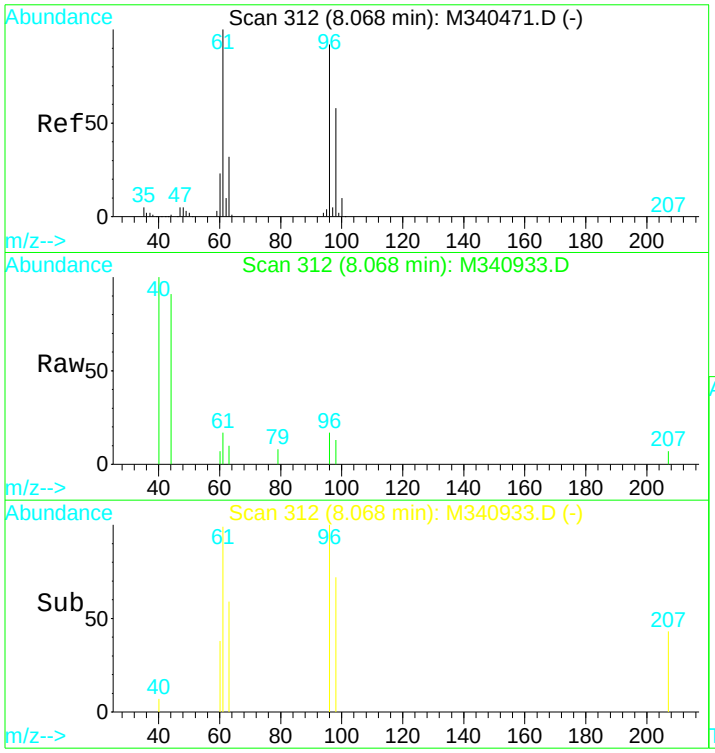


#10
Acetone
Concen: 6.87 ug/l
RT: 6.19 min Scan# 186
Delta R.T. 0.03 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion: 43 Resp: 50397

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	59.1

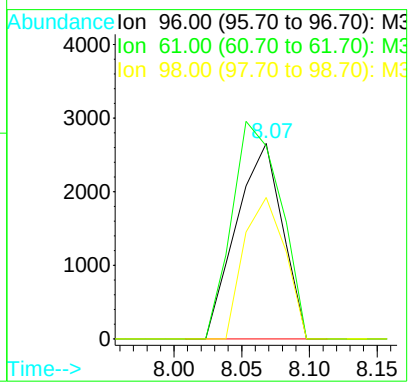


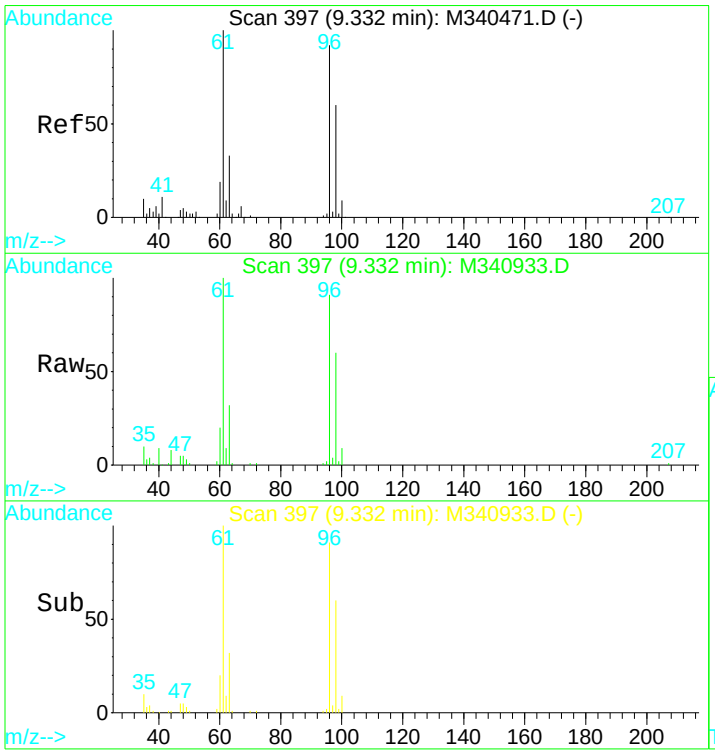


#20
trans-1,2-Dichloroethene
Concen: 0.21 ug/l
RT: 8.07 min Scan# 312
Delta R.T. 0.00 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion: 96 Resp: 6269

Ion	Ratio	Lower	Upper
96	100		
61	98.7	78.7	138.7
98	72.3	33.5	93.5

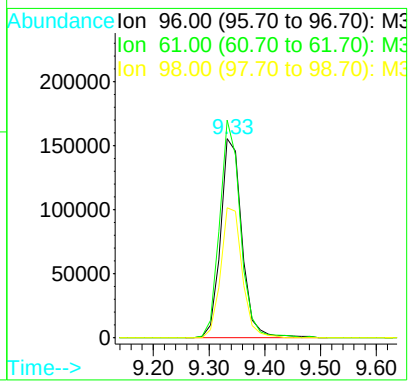


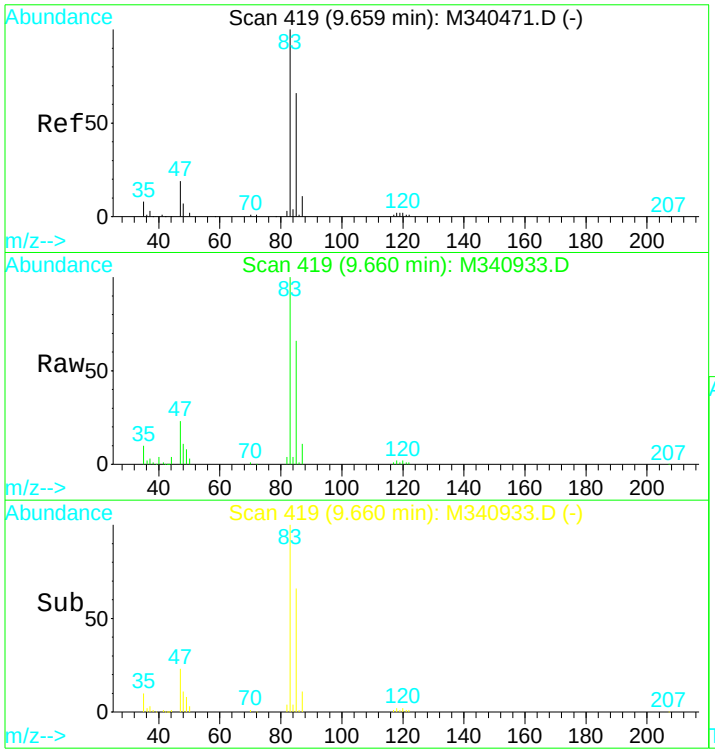


#27
cis-1,2 Dichloroethene
Concen: 12.22 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion: 96 Resp: 410678

Ion	Ratio	Lower	Upper
96	100		
61	109.3	79.2	139.2
98	65.3	35.1	95.1

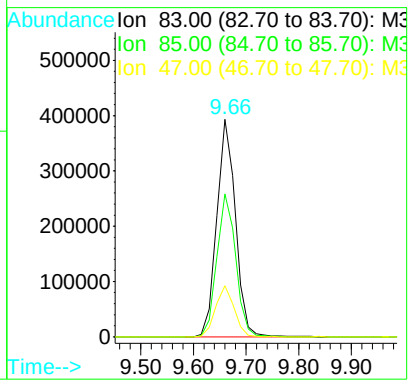


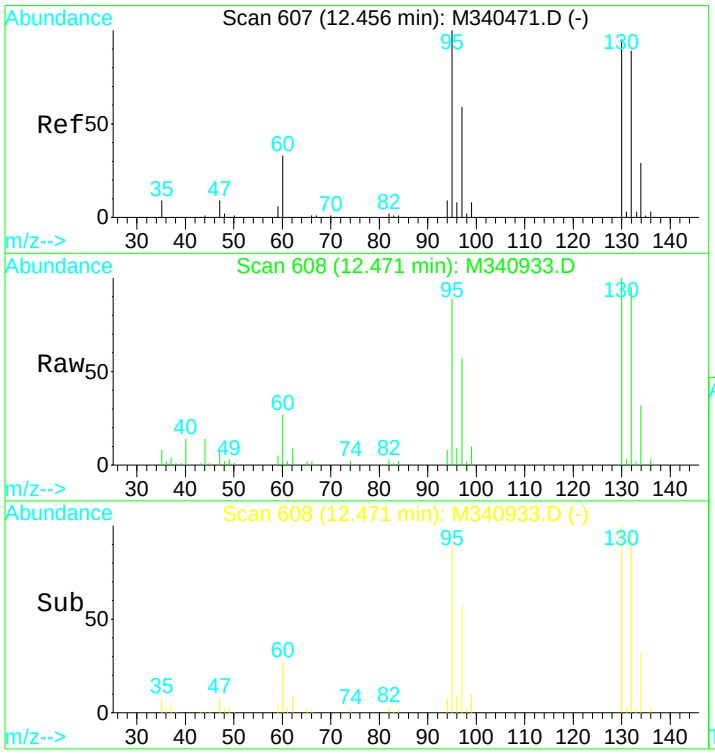


#33
Chloroform
Concen: 21.46 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion: 83 Resp: 969270

Ion	Ratio	Lower	Upper
83	100		
85	65.8	35.8	95.8
47	23.4	0.0	54.6

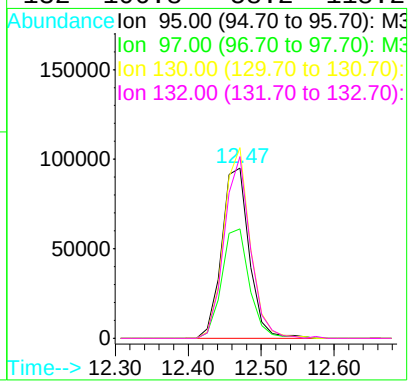


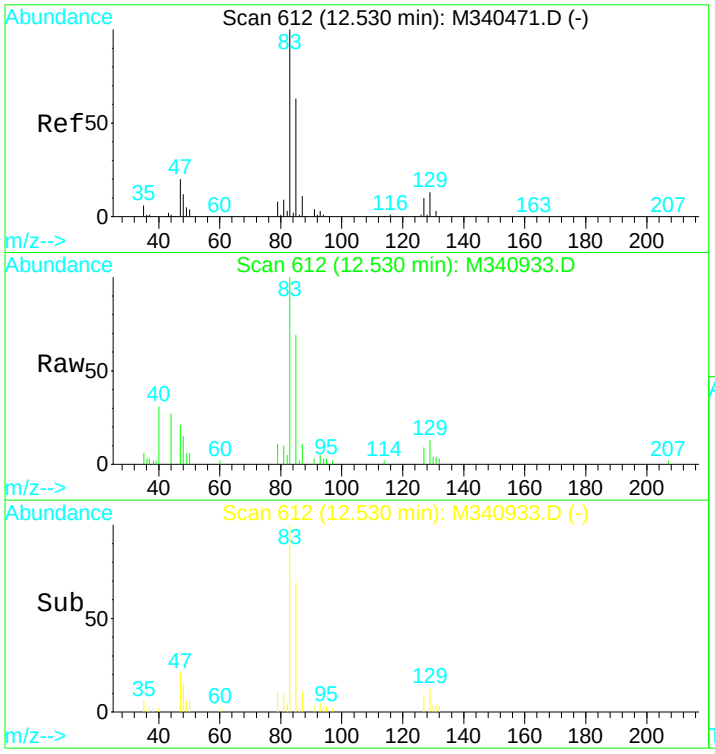


#44
Trichloroethene
Concen: 8.94 ug/l
RT: 12.47 min Scan# 608
Delta R.T. 0.02 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion: 95 Resp: 250193

Ion	Ratio	Lower	Upper
95	100		
97	64.4	31.8	91.8
130	112.1	64.0	124.0
132	106.8	58.2	118.2

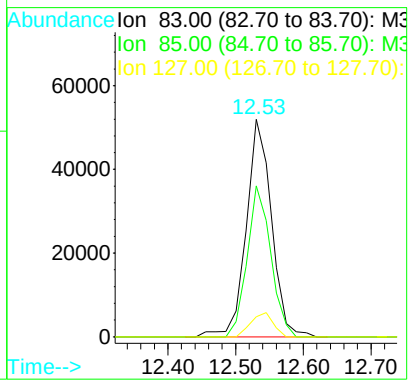


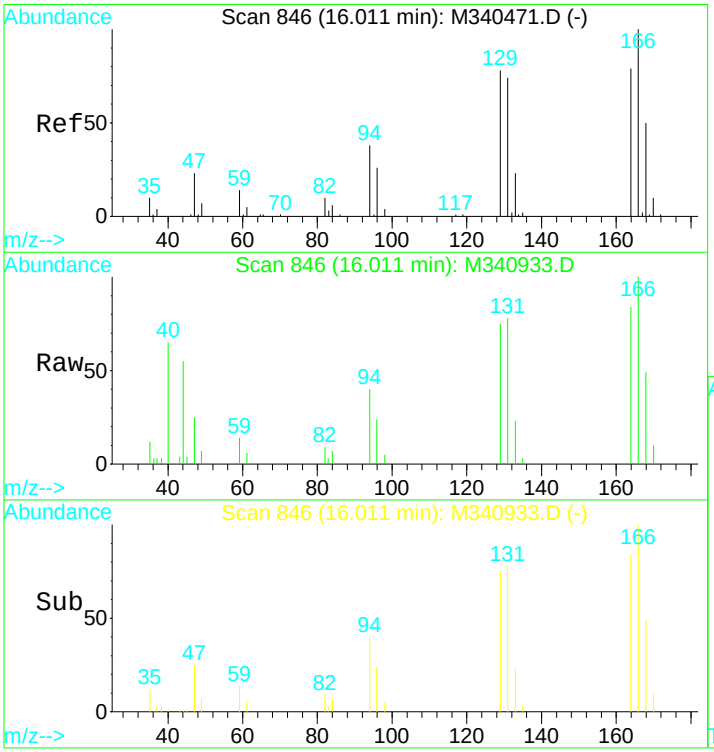


#48
Bromodichloromethane
Concen: 4.09 ug/l
RT: 12.53 min Scan# 612
Delta R.T. 0.00 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion: 83 Resp: 134325

Ion	Ratio	Lower	Upper
83	100		
85	69.4	33.3	93.3
127	9.2	0.0	39.7

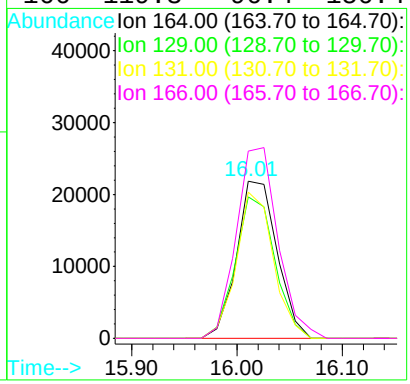


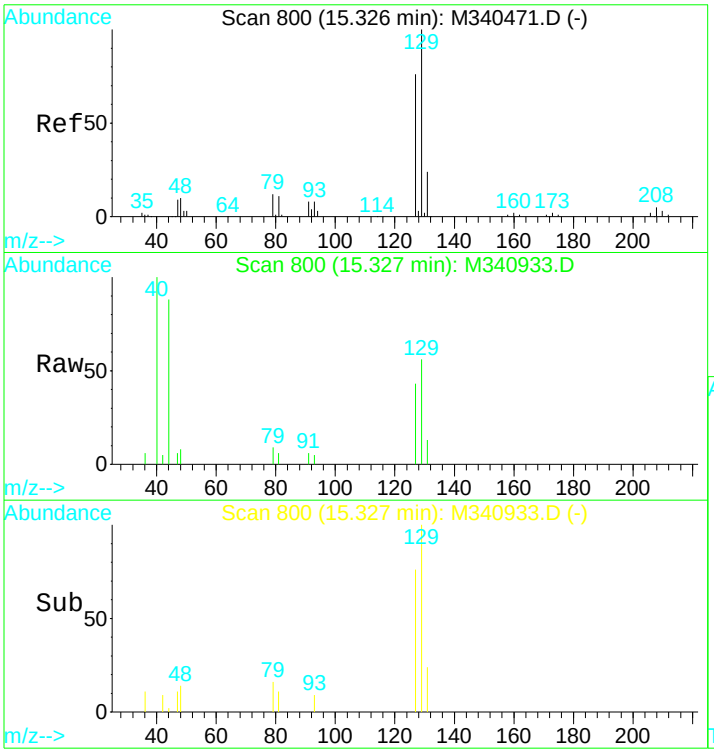


#63
Tetrachloroethene
Concen: 3.51 ug/l
RT: 16.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion:164 Resp: 58186

Ion	Ratio	Lower	Upper
164	100		
129	90.0	68.3	128.3
131	93.1	63.6	123.6
166	119.3	96.4	156.4

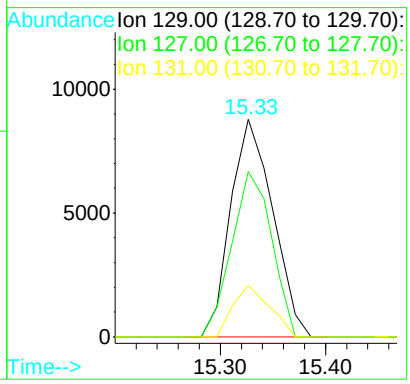




#64
Dibromochloromethane
Concen: 0.86 ug/l
RT: 15.33 min Scan# 800
Delta R.T. 0.00 min
Lab File: M340933.D
Acq: 12 Aug 2010 3:14 pm

Tgt Ion:129 Resp: 24440

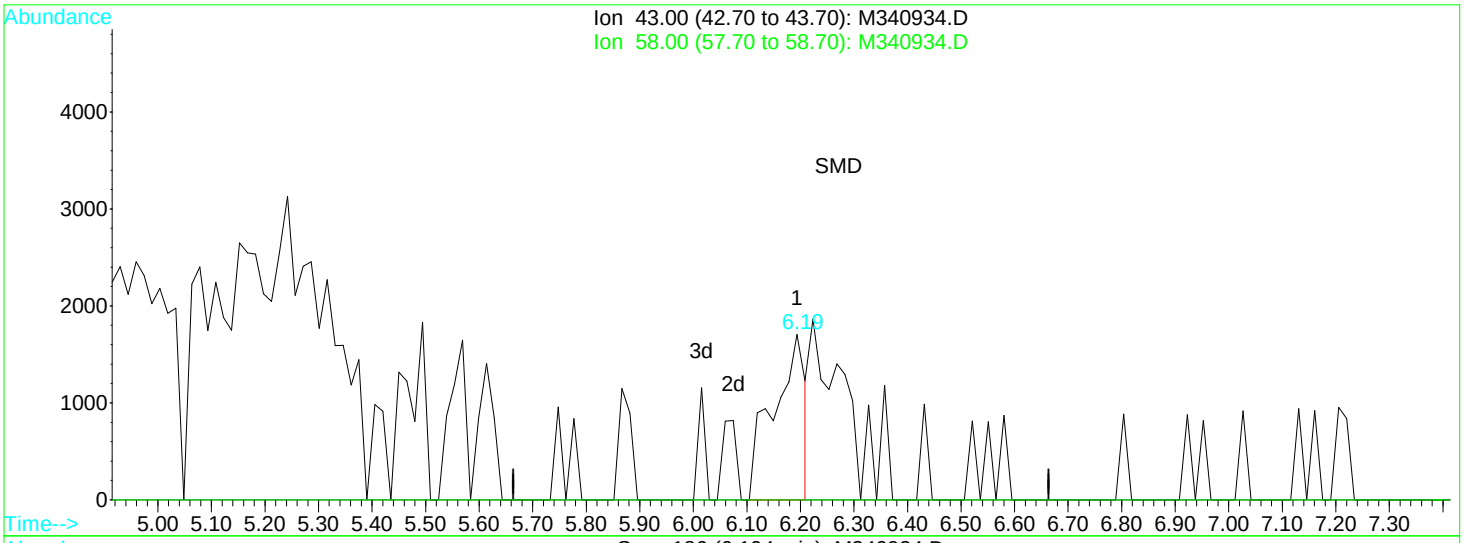
Ion	Ratio	Lower	Upper
129	100		
127	76.0	46.1	106.1
131	23.6	0.0	54.0

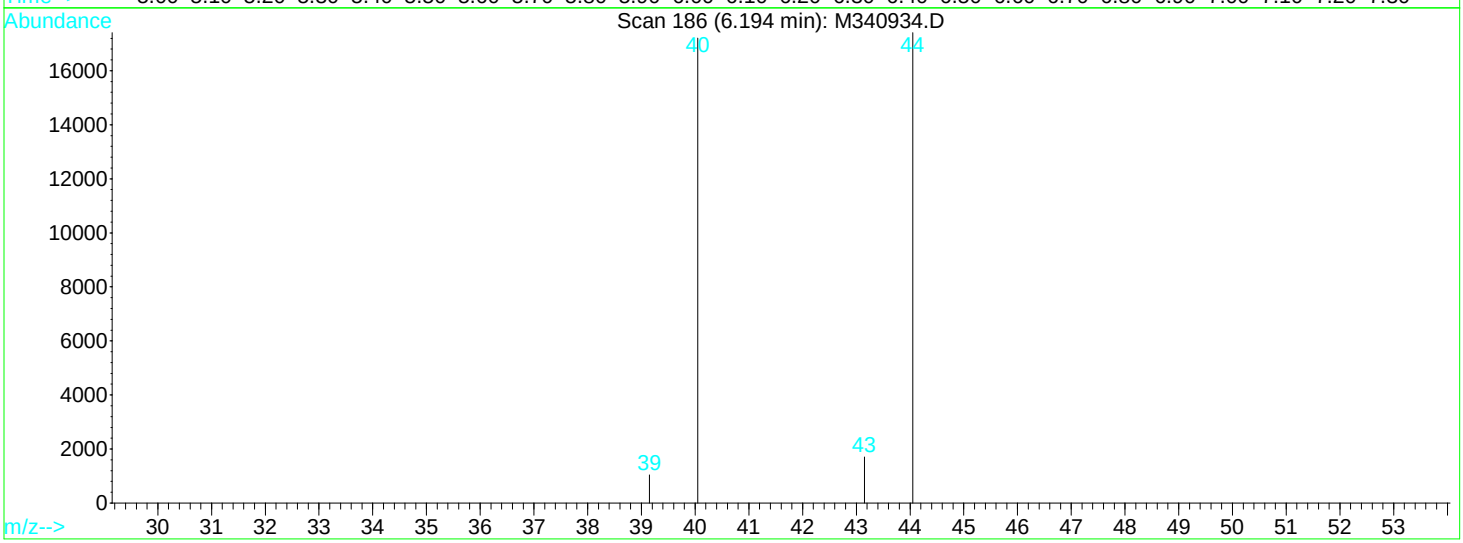


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(10) Acetone

6.19min 0.94ug/l

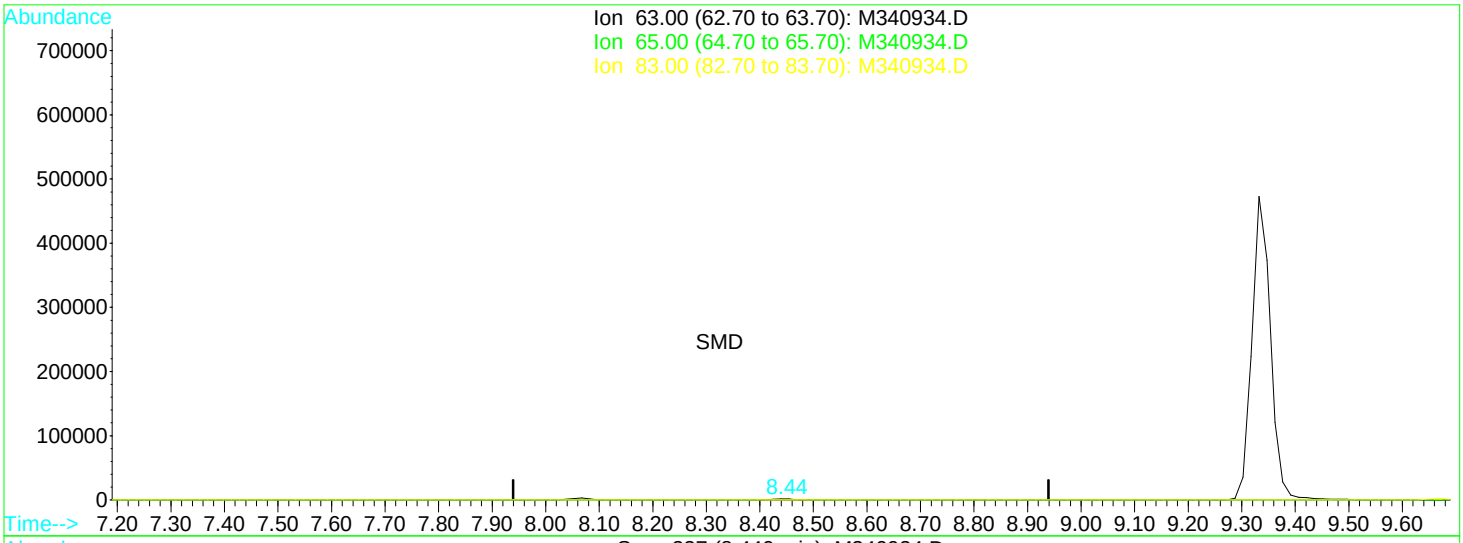
response 7021

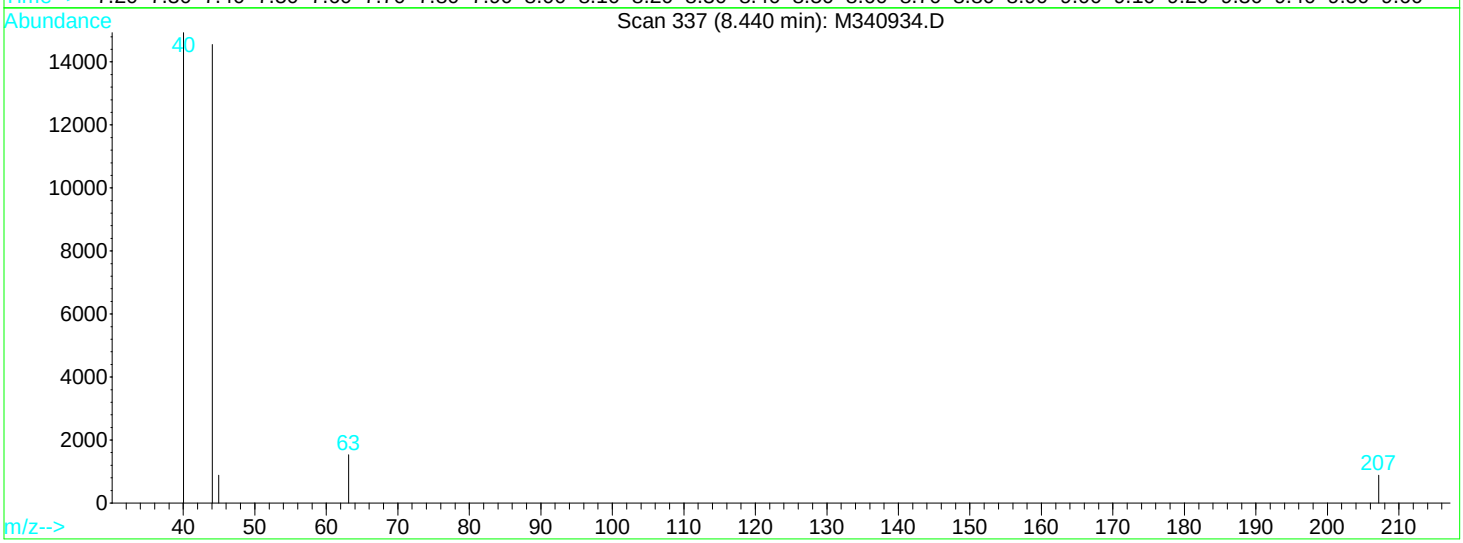
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(21) 1,1-Dichloroethane

8.44min 0.07ug/l

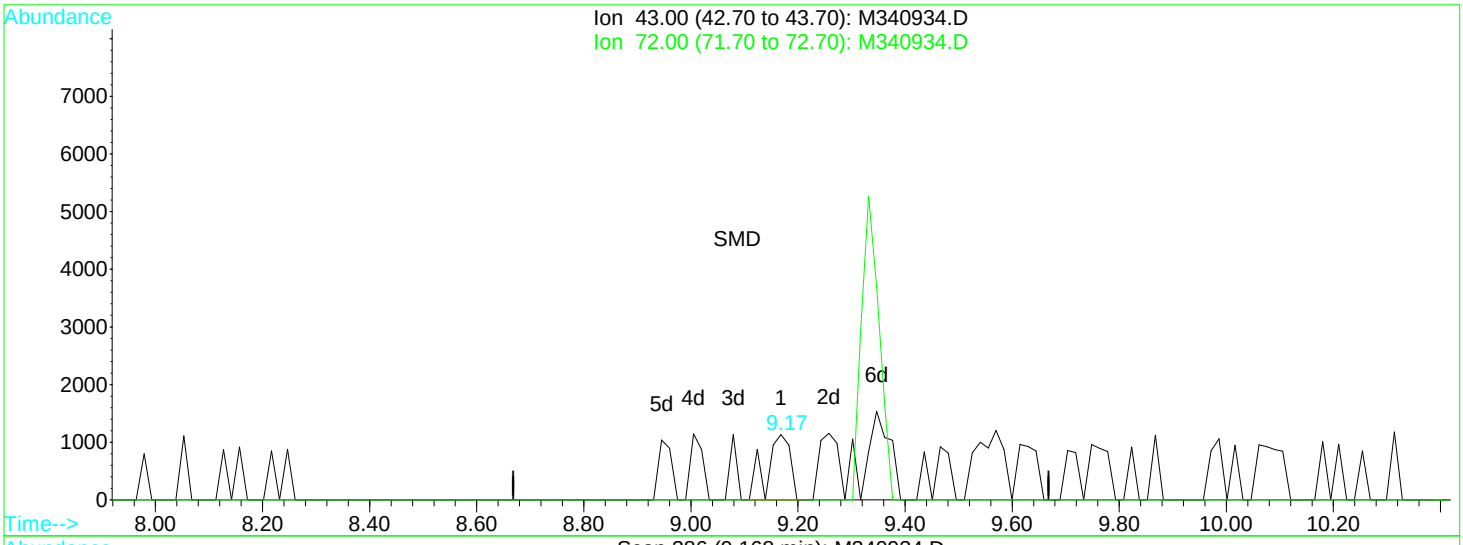
response 3381

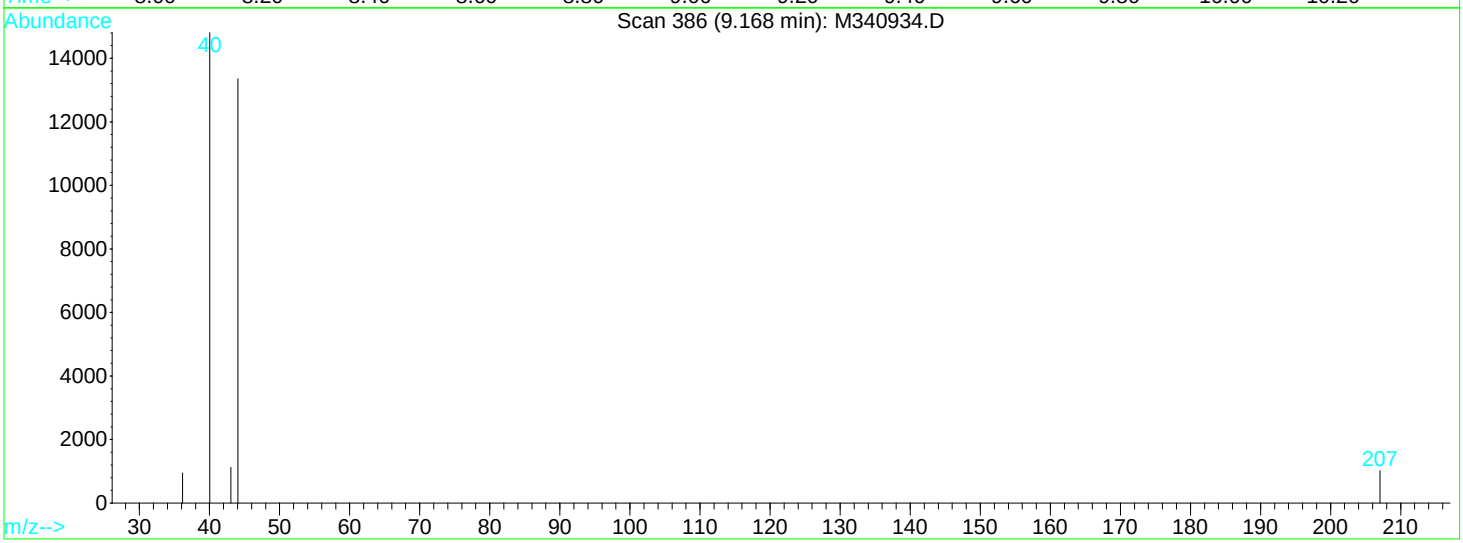
Ion	Exp%	Act%
63.00	100	100
65.00	31.50	0.00#
83.00	13.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(24) 2-Butanone

9.17min 0.17ug/l

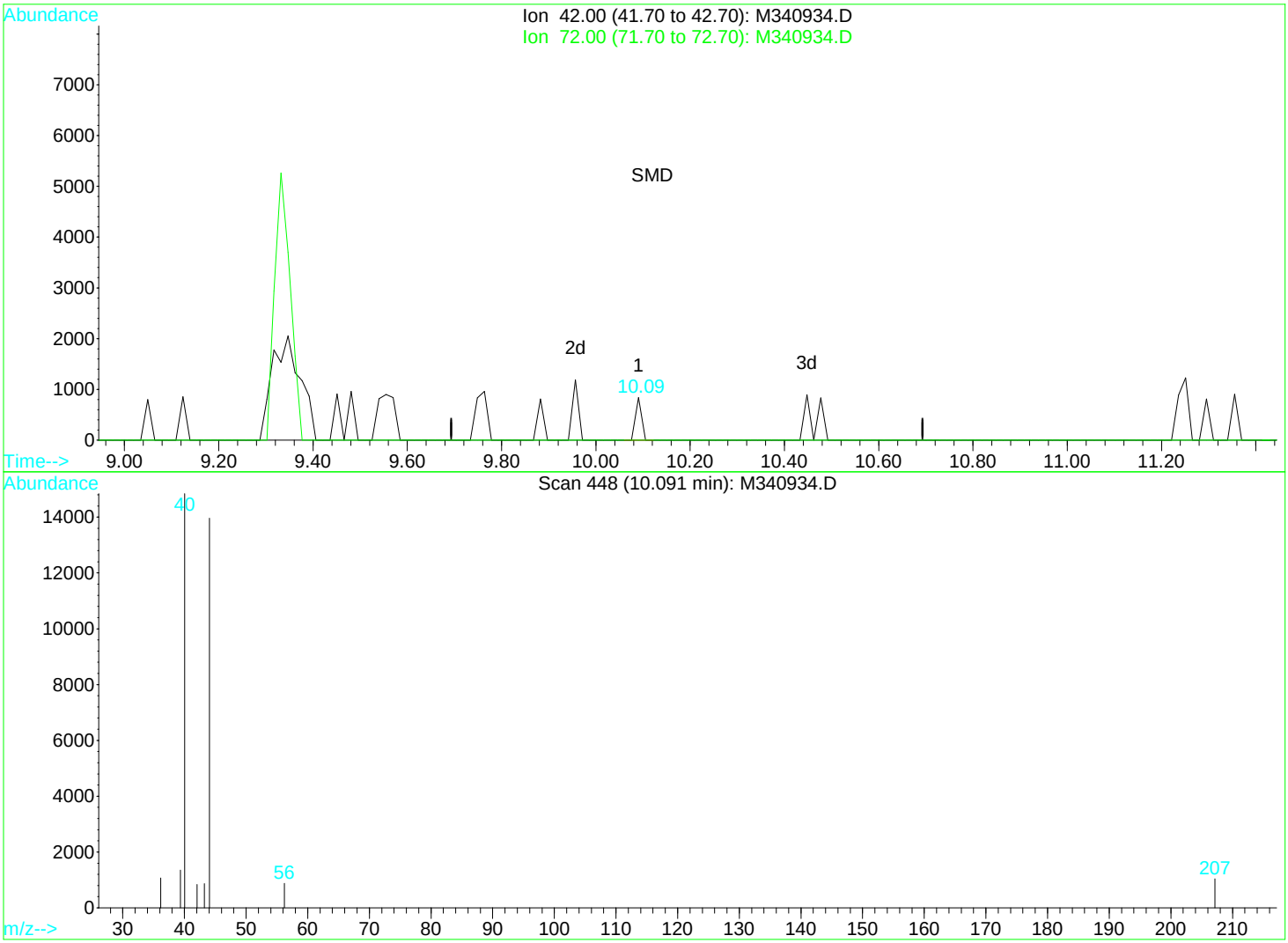
response 3496

Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340934.D

(32) Tetrahydrofuran

10.09min 0.10ug/l

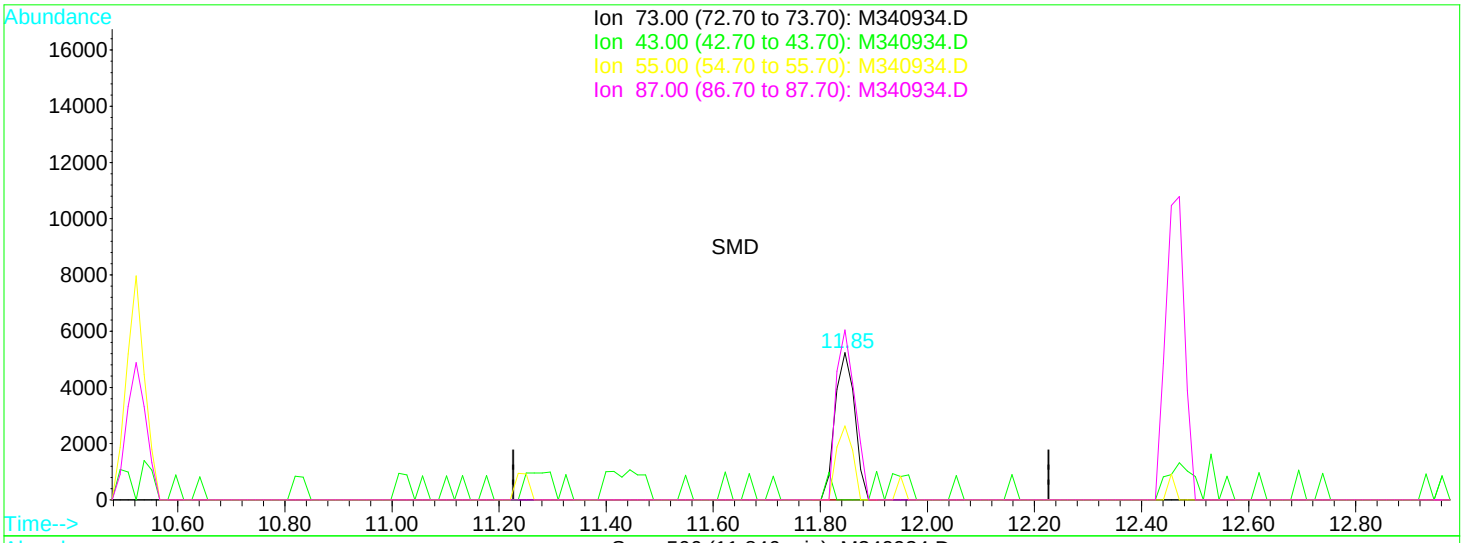
response 751

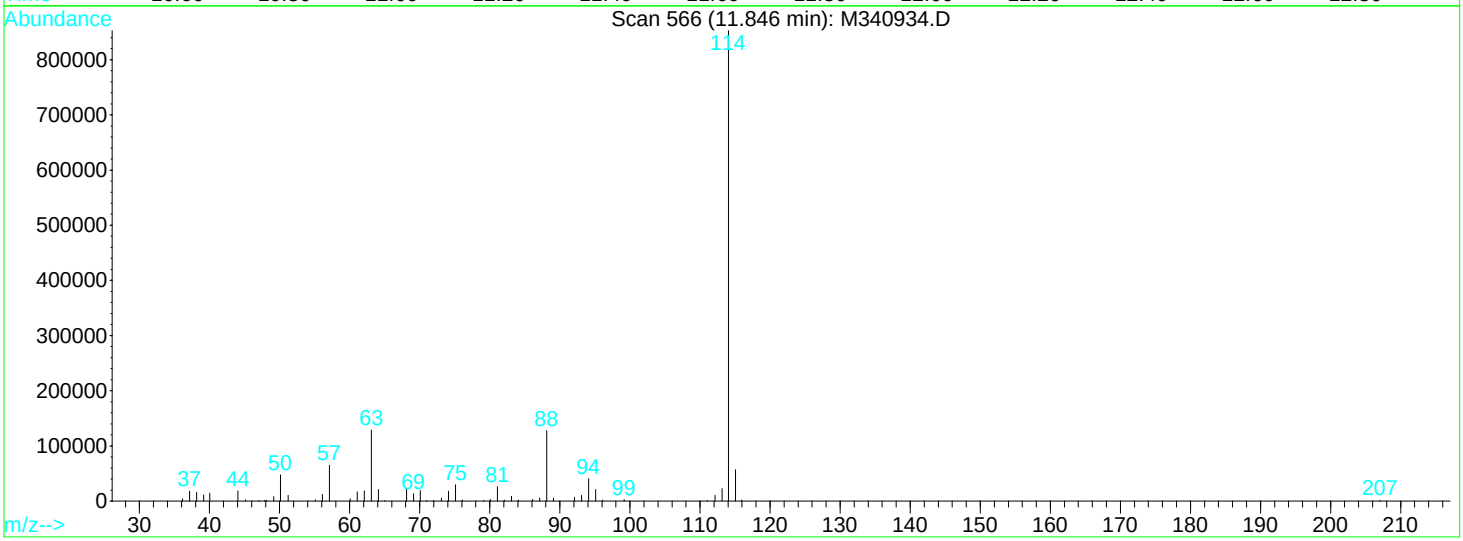
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(43) Tertiary-amyl methyl ether

11.85min 0.21ug/l

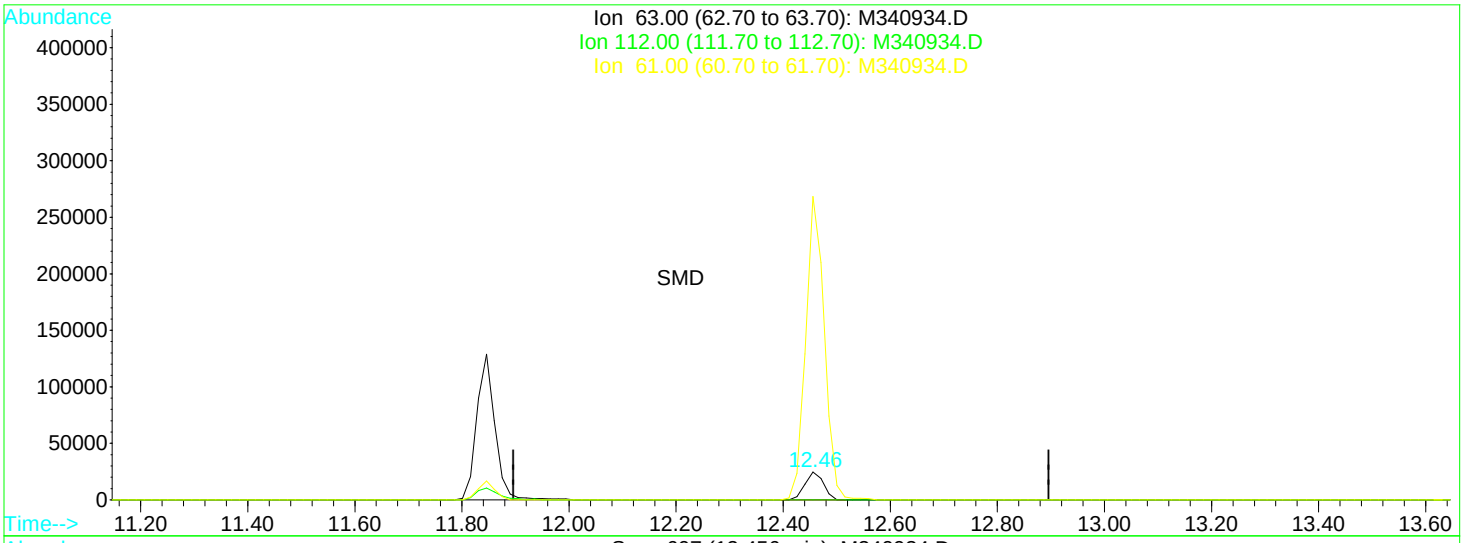
response 13437

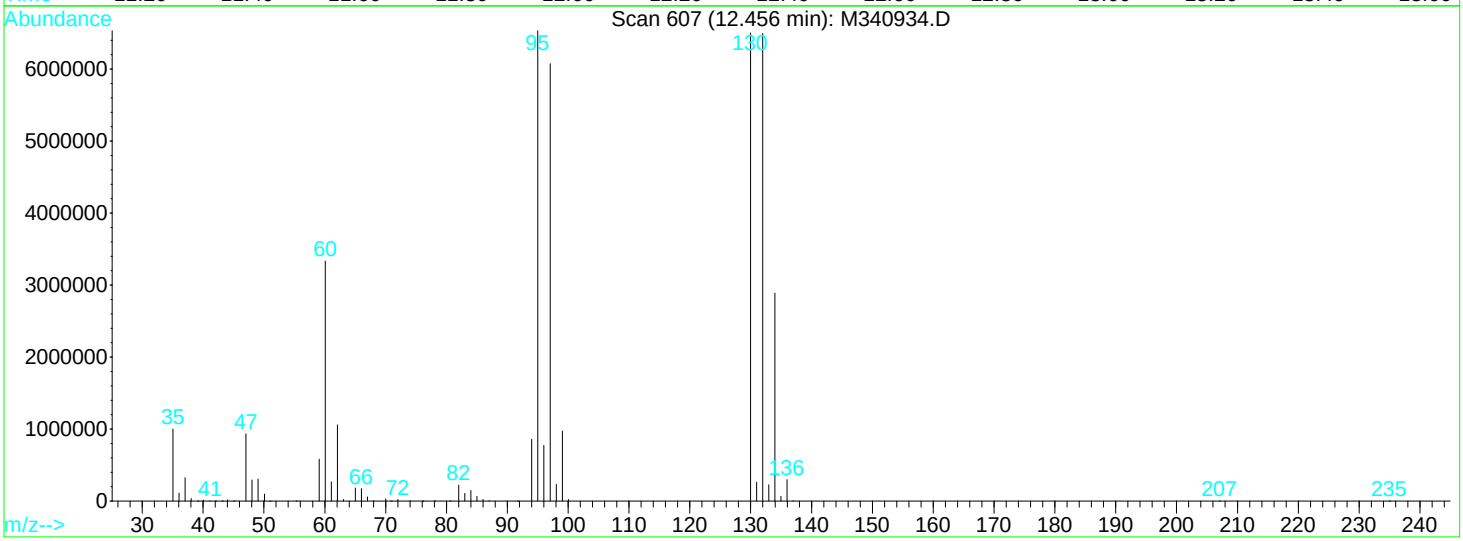
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	0.00#
55.00	29.80	50.18
87.00	22.80	115.42#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:24 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(45) 1,2-Dichloropropane

12.46min 2.13ug/l

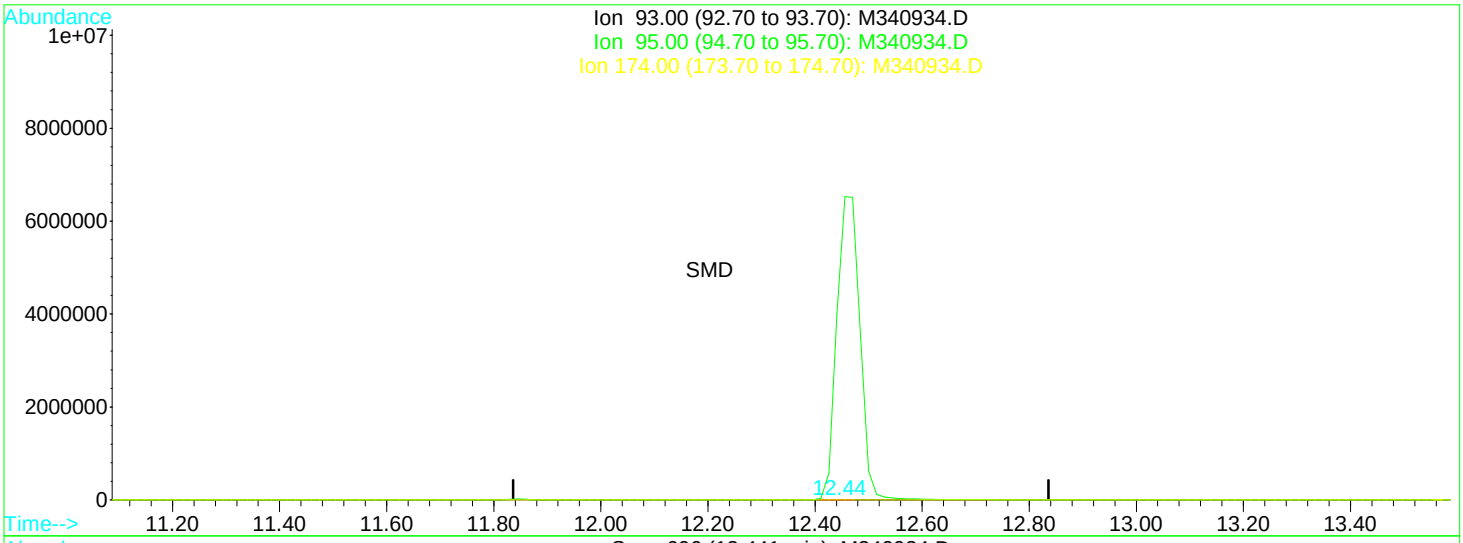
response 58451

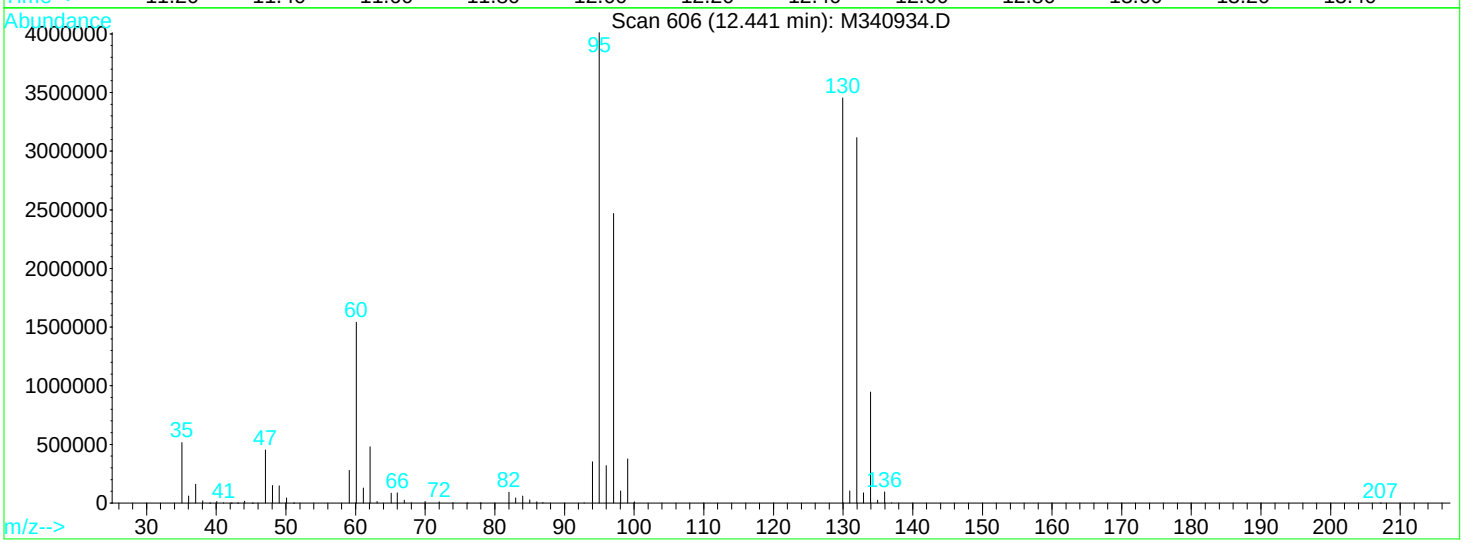
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	1092.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:24 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(46) Dibromomethane

12.44min 0.07ug/l

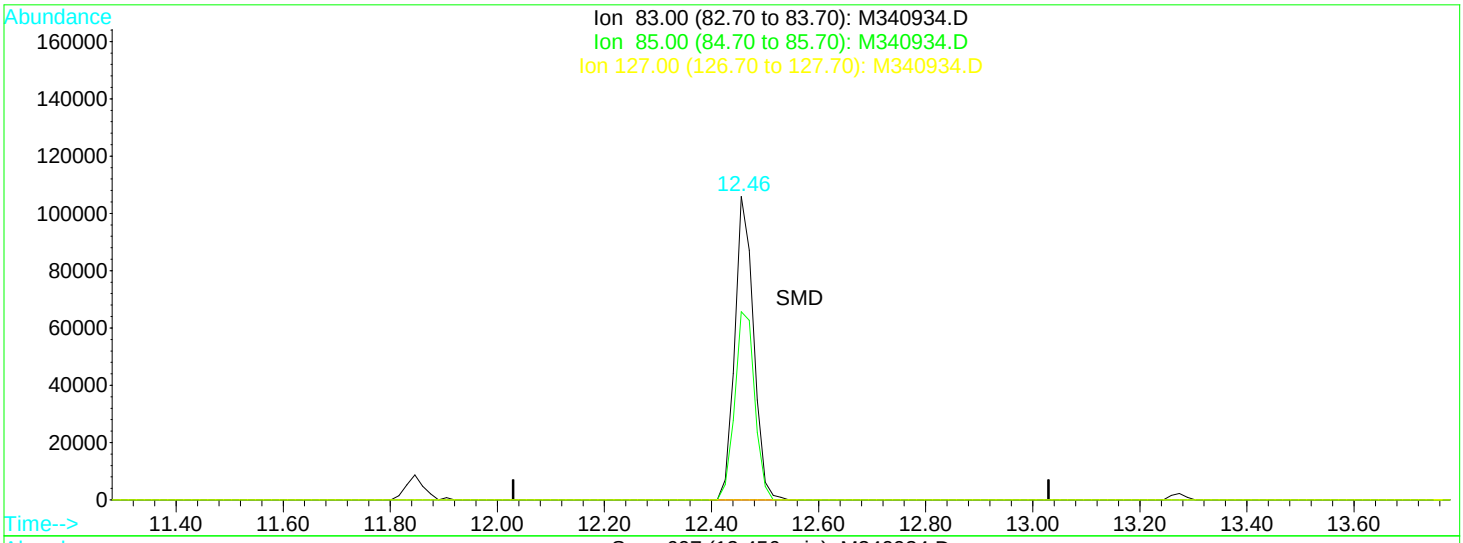
response 1702

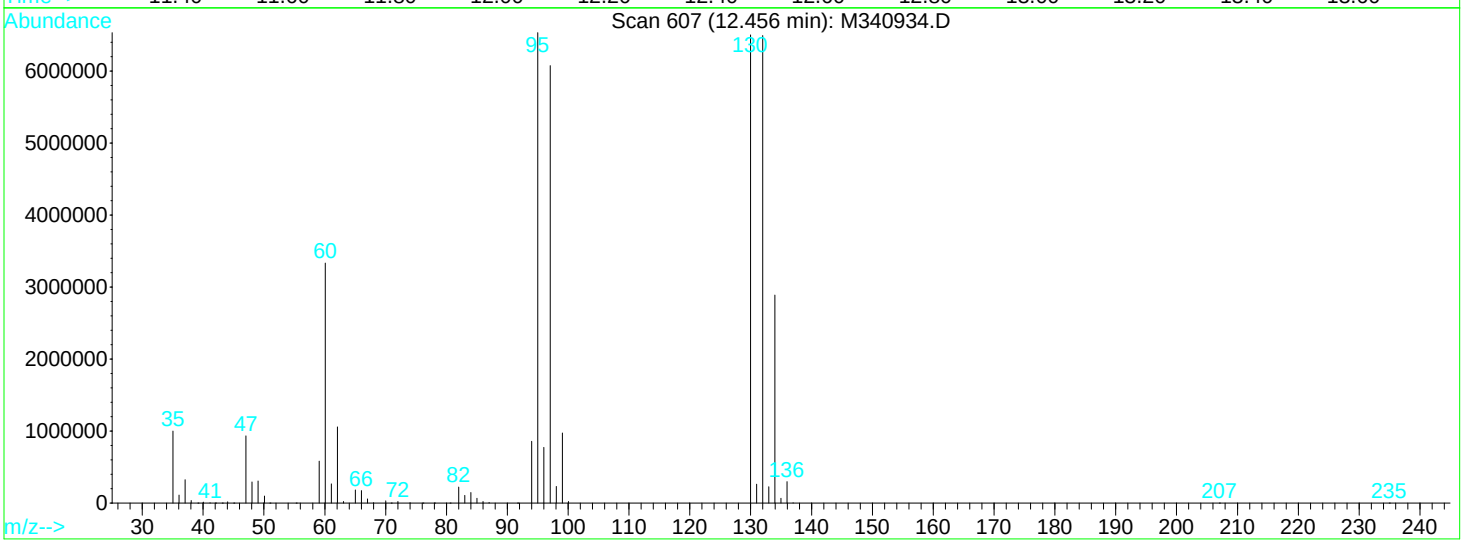
Ion	Exp%	Act%
93.00	100	100
95.00	82.20	210277.08#
174.00	110.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:24 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(48) Bromodichloromethane

12.46min 7.70ug/l

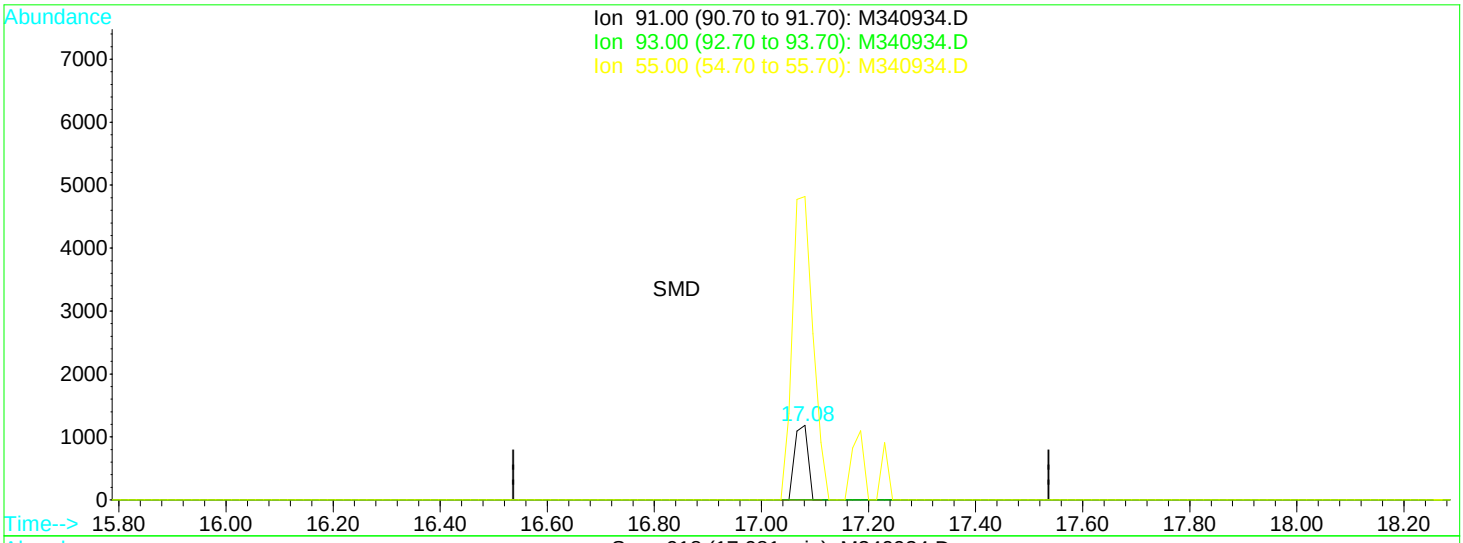
response 256755

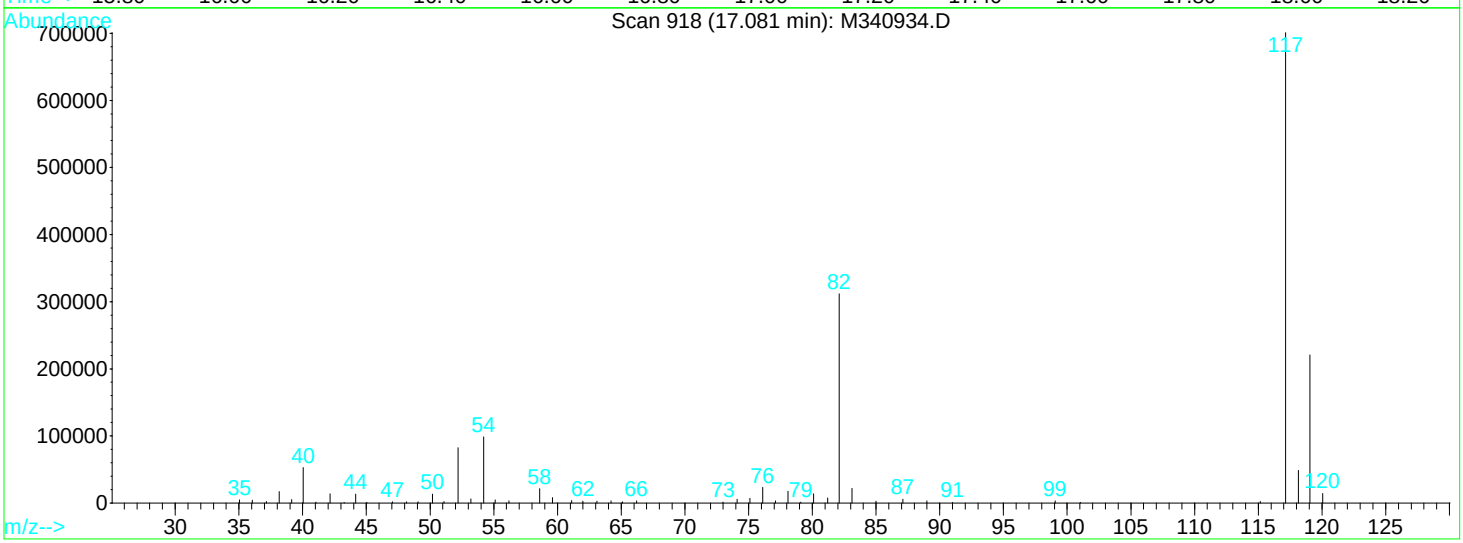
Ion	Exp%	Act%
83.00	100	100
85.00	63.30	61.98
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:24 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340934.D

(66) 1-Chlorohexane

17.08min 0.09ug/l

response 2031

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	407.18#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:24 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

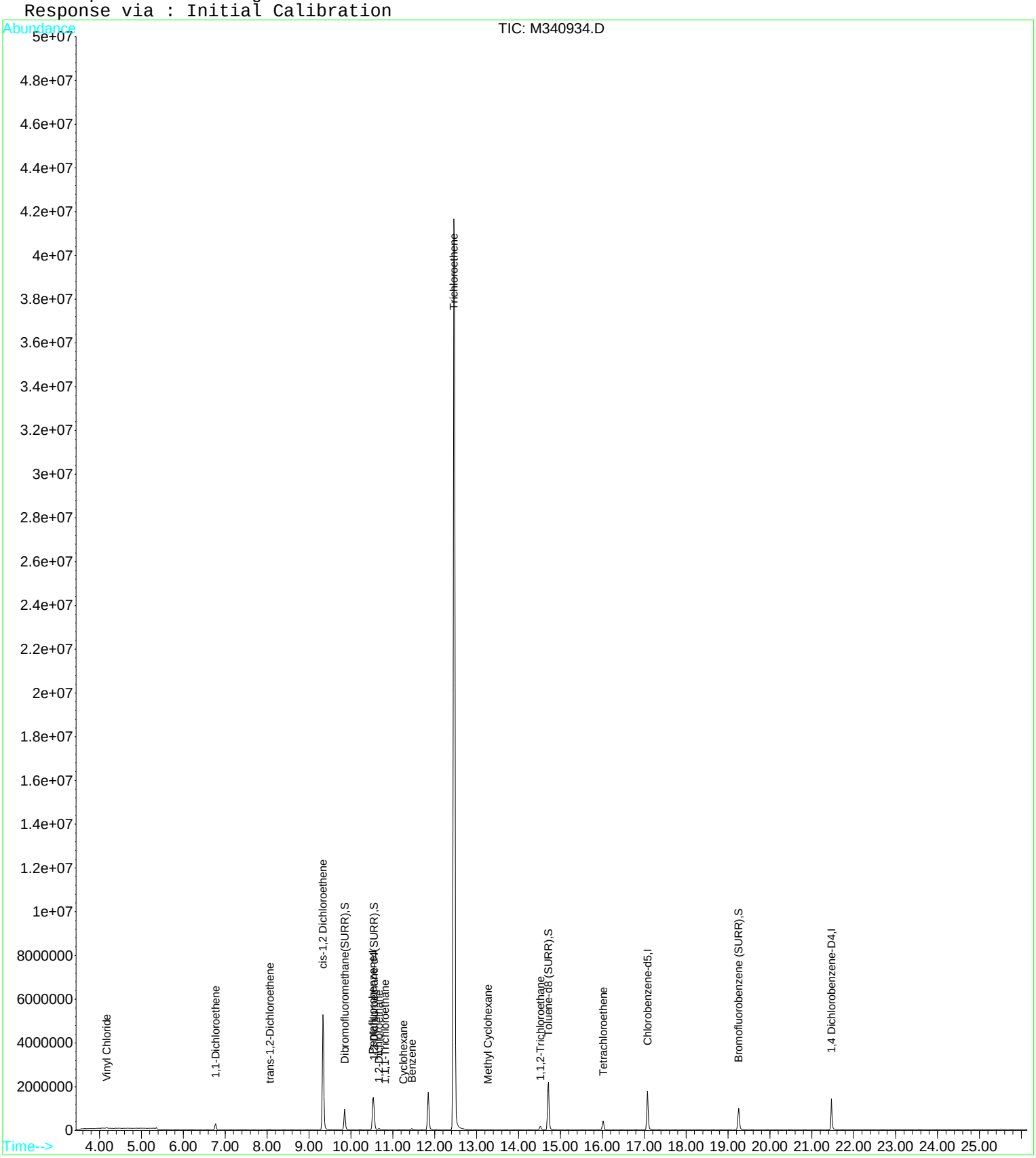
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1231200	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1719503	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	522441	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	796106	23.01	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.04%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	530317	21.46	ug/l	0.00
Spiked Amount 25.000			Recovery = 85.84%			
59) Toluene-d8 (SURR)	14.72	98	2170834	26.77	ug/l	0.00
Spiked Amount 25.000			Recovery = 107.08%			
75) Bromofluorobenzene (SURR)	19.25	95	619485	22.57	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.28%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	36847	1.42	ug/l	62
16) 1,1-Dichloroethene	6.77	96	156327	6.07	ug/l	93
20) trans-1,2-Dichloroethene	8.07	96	18439	0.60	ug/l	90
27) cis-1,2 Dichloroethene	9.33	96	3341889	98.01	ug/l	99
36) 1,1,1-Trichloroethane	10.82	97	3333	0.10	ug/l #	40
38) Cyclohexane	11.25	56	3553	0.13	ug/l	75
40) Benzene	11.46	78	67023	0.65	ug/l	100
42) 1,2-Dichloroethane	10.67	62	58762	1.99	ug/l	96
44) Trichloroethene	12.46	95	19791378	697.43	ug/l #	83
52) Methyl Cyclohexane	13.27	83	4180	0.17	ug/l	91
56) 1,1,2-Trichloroethane	14.52	83	68522	2.89	ug/l	98
63) Tetrachloroethene	16.03	164	158013	9.47	ug/l	92

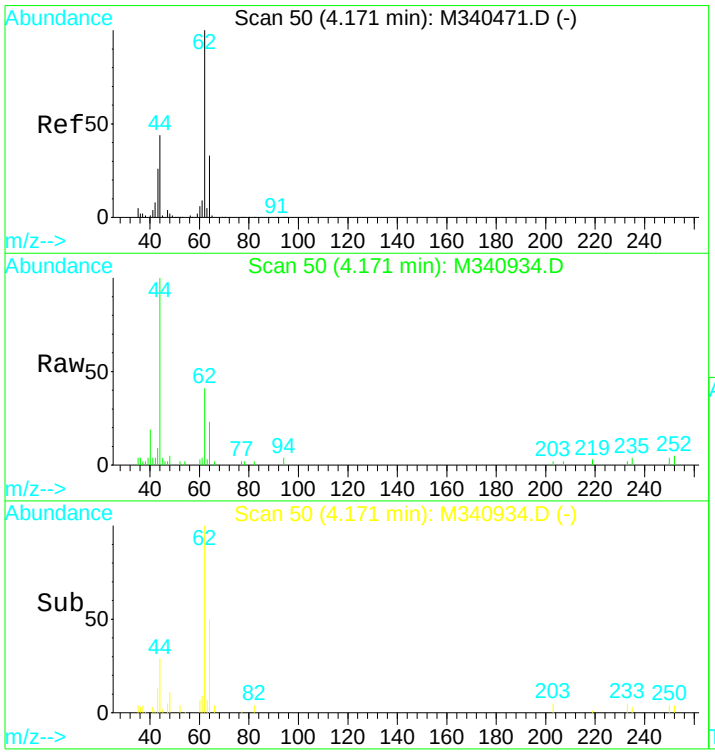
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340934.D Vial: 15
Acq On : 12 Aug 2010 3:46 pm Operator: MD
Sample : 1008142-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:24 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

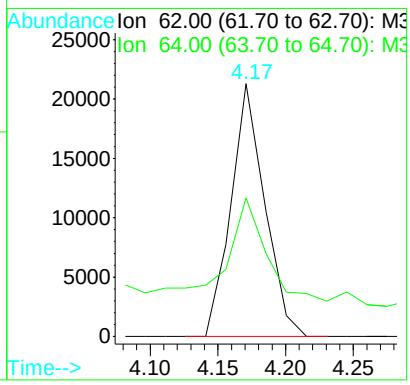


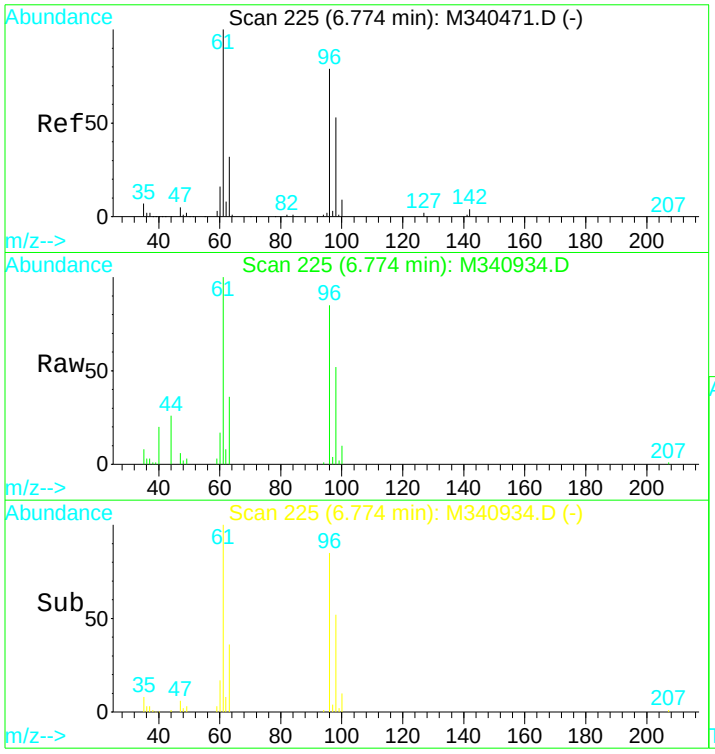


#4
Vinyl Chloride
Concen: 1.42 ug/l
RT: 4.17 min Scan# 50
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 62 Resp: 36847

Ion	Ratio	Lower	Upper
62	100		
64	54.8	3.4	63.4

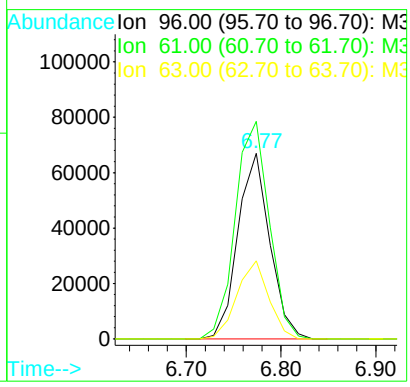


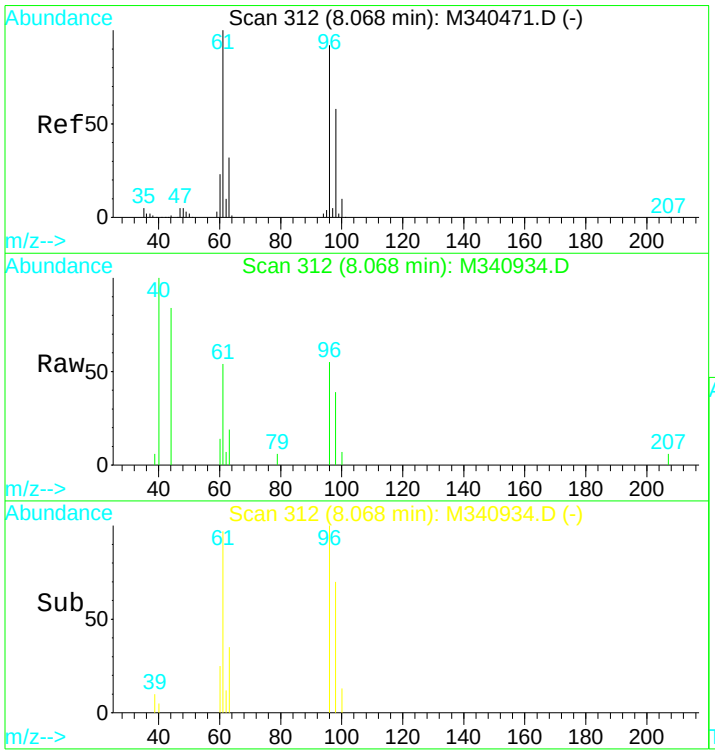


#16
1,1-Dichloroethene
Concen: 6.07 ug/l
RT: 6.77 min Scan# 225
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 96 Resp: 156327

Ion	Ratio	Lower	Upper
96	100		
61	117.3	96.7	156.7
63	42.0	10.1	70.1

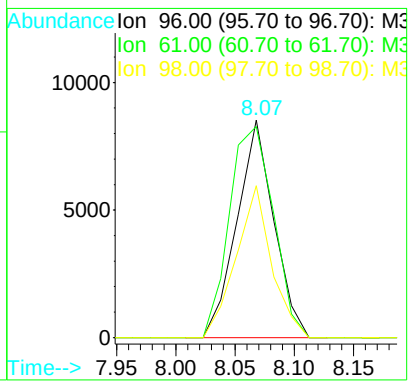


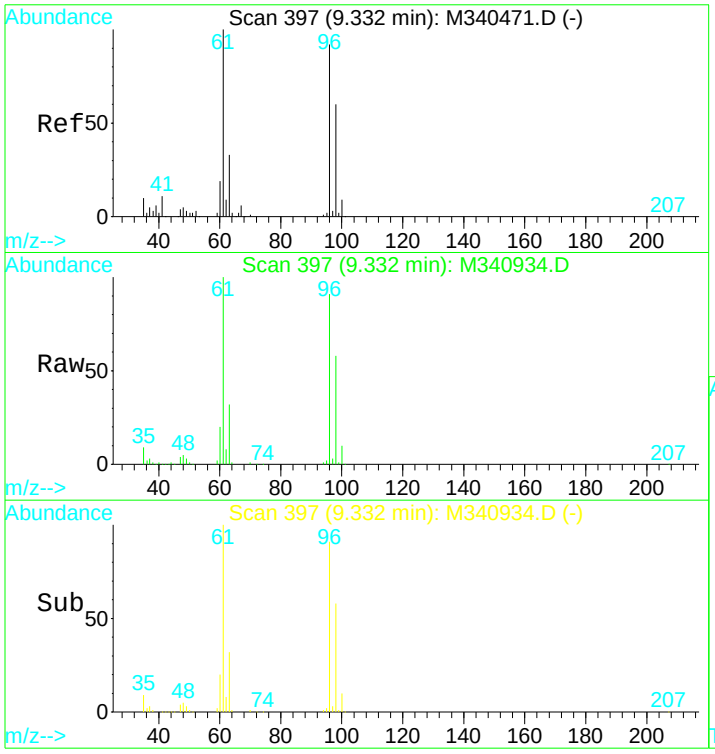


#20
trans-1,2-Dichloroethene
Concen: 0.60 ug/l
RT: 8.07 min Scan# 312
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 96 Resp: 18439

Ion	Ratio	Lower	Upper
96	100		
61	97.0	78.7	138.7
98	69.8	33.5	93.5

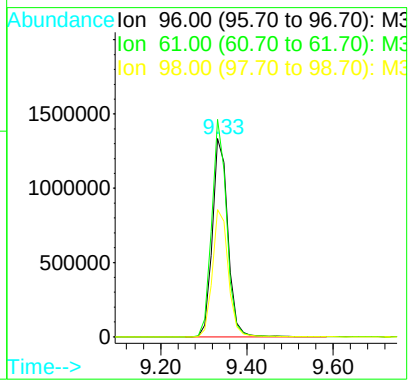


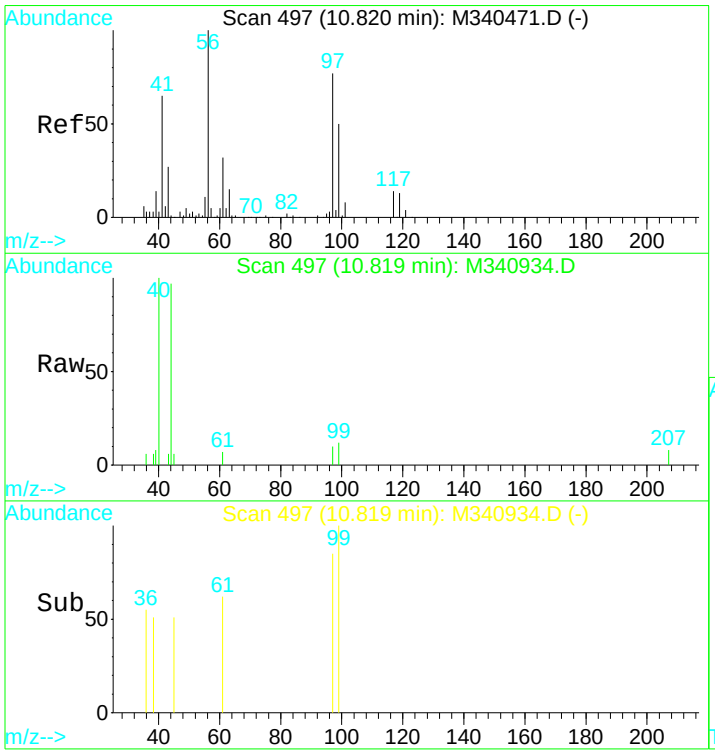


#27
cis-1,2 Dichloroethene
Concen: 98.01 ug/l
RT: 9.33 min Scan# 397
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 96 Resp: 3341889

Ion	Ratio	Lower	Upper
96	100		
61	109.7	79.2	139.2
98	64.2	35.1	95.1

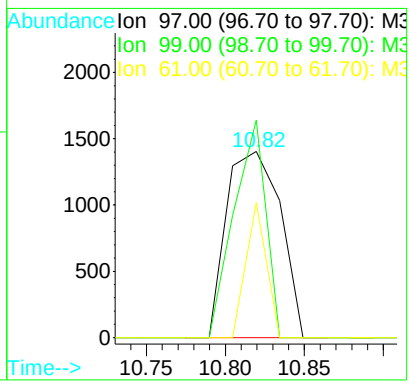


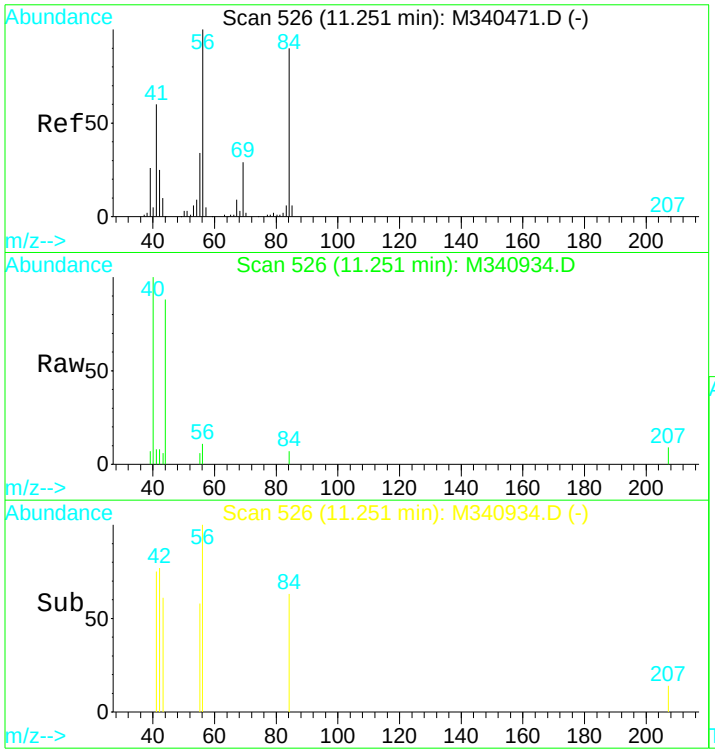


#36
1,1,1-Trichloroethane
Concen: 0.10 ug/l
RT: 10.82 min Scan# 497
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 97 Resp: 3333

Ion	Ratio	Lower	Upper
97	100		
99	117.0	34.9	94.9#
61	72.6	11.4	71.4#

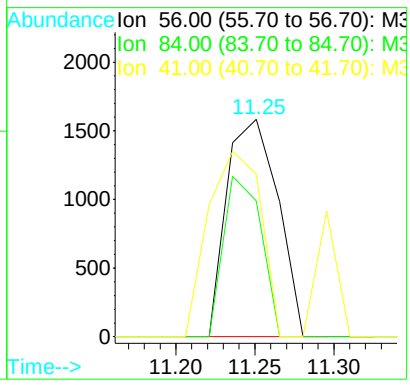


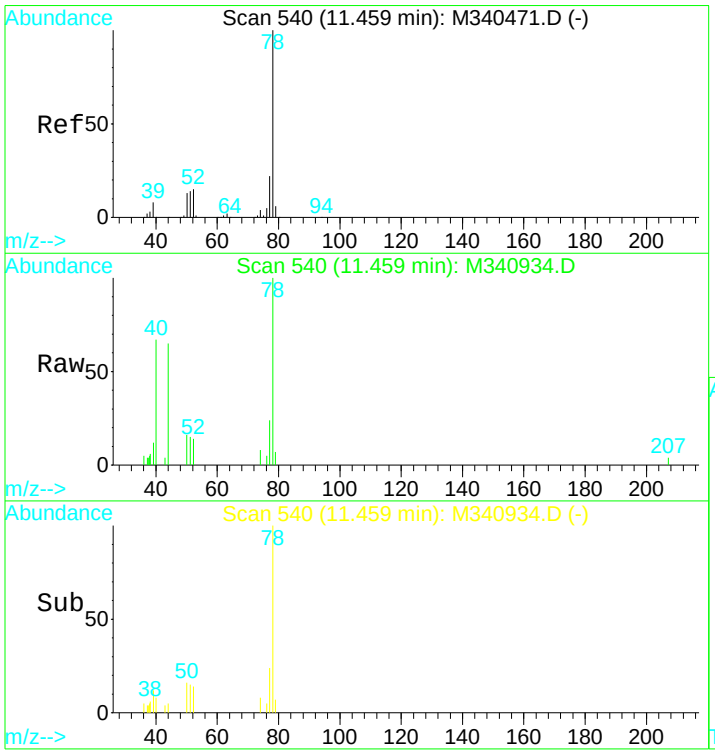


#38
Cyclohexane
Concen: 0.13 ug/l
RT: 11.25 min Scan# 526
Delta R.T. 0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 56 Resp: 3553

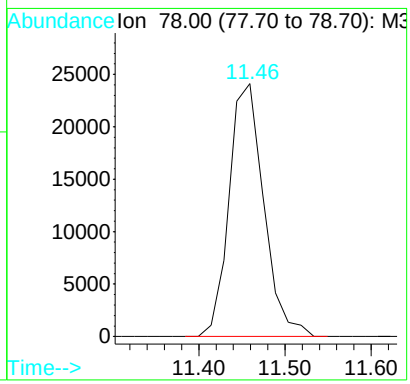
Ion	Ratio	Lower	Upper
56	100		
84	62.5	60.0	120.0
41	74.6	30.7	90.7

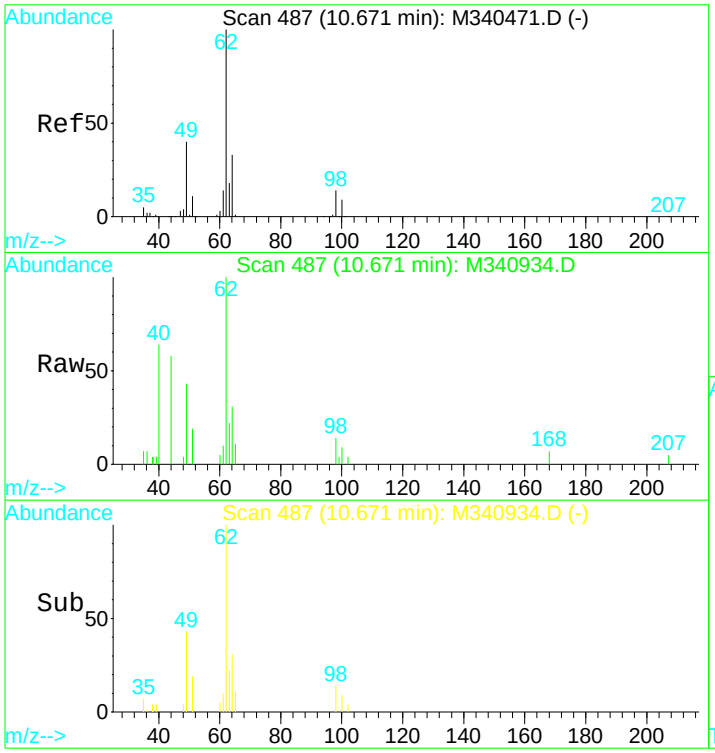




#40
Benzene
Concen: 0.65 ug/l
RT: 11.46 min Scan# 540
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 78 Resp: 67023

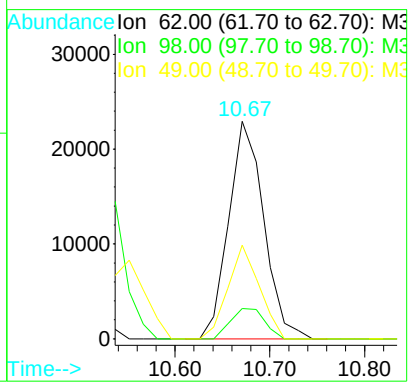


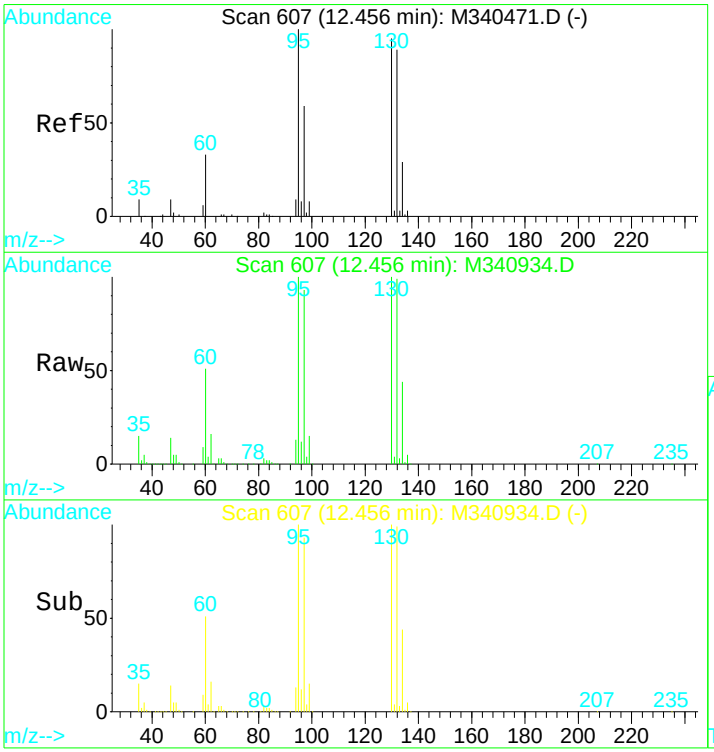


#42
1,2-Dichloroethane
Concen: 1.99 ug/l
RT: 10.67 min Scan# 487
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 62 Resp: 58762

Ion	Ratio	Lower	Upper
62	100		
98	13.9	0.0	44.1
49	43.0	9.8	69.8

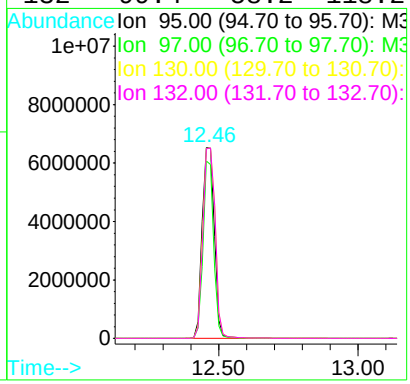


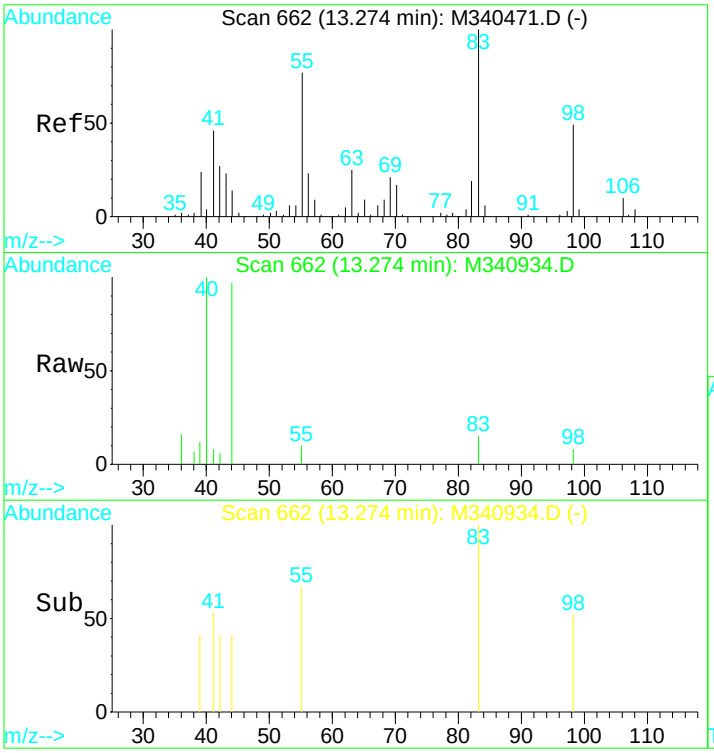


#44
Trichloroethene
Concen: 697.43 ug/l
RT: 12.46 min Scan# 607
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 95 Resp:19791378

Ion	Ratio	Lower	Upper
95	100		
97	93.0	31.8	91.8#
130	99.5	64.0	124.0
132	99.4	58.2	118.2

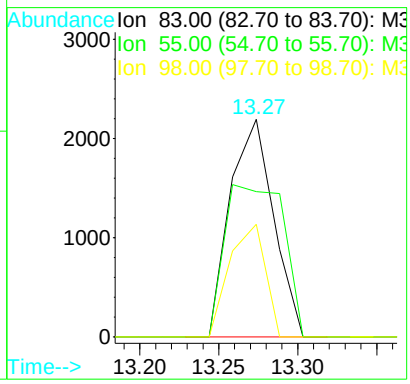


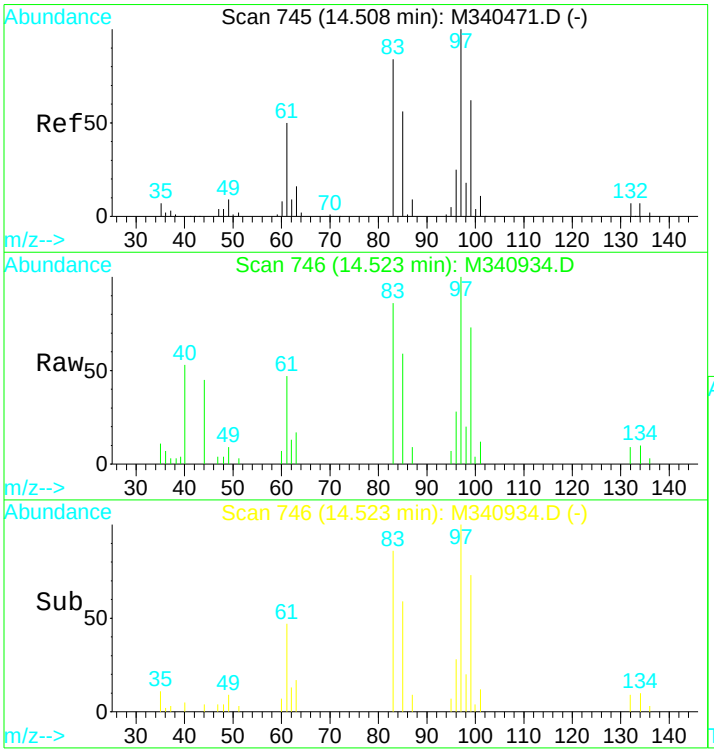


#52
Methyl Cyclohexane
Concen: 0.17 ug/l
RT: 13.27 min Scan# 662
Delta R.T. -0.00 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 83 Resp: 4180

Ion	Ratio	Lower	Upper
83	100		
55	66.7	47.2	107.2
98	51.7	18.8	78.8

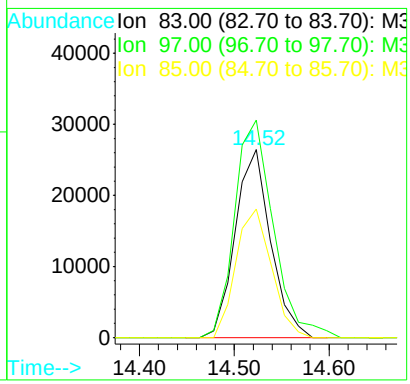


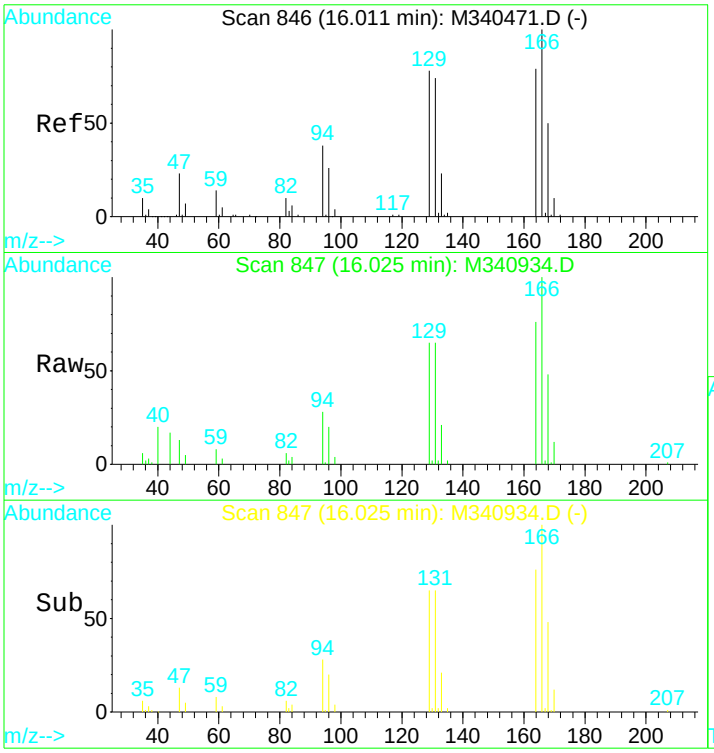


#56
1,1,2-Trichloroethane
Concen: 2.89 ug/l
RT: 14.52 min Scan# 746
Delta R.T. 0.01 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion: 83 Resp: 68522

Ion	Ratio	Lower	Upper
83	100		
97	115.7	88.5	148.5
85	68.3	36.8	96.8

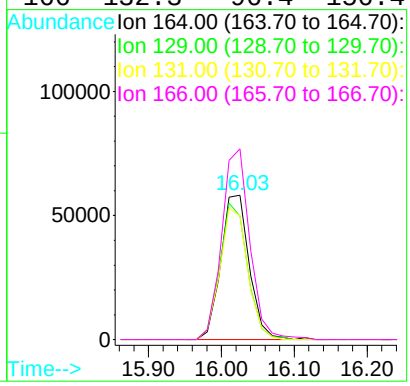




#63
Tetrachloroethene
Concen: 9.47 ug/l
RT: 16.03 min Scan# 847
Delta R.T. 0.01 min
Lab File: M340934.D
Acq: 12 Aug 2010 3:46 pm

Tgt Ion:164 Resp: 158013

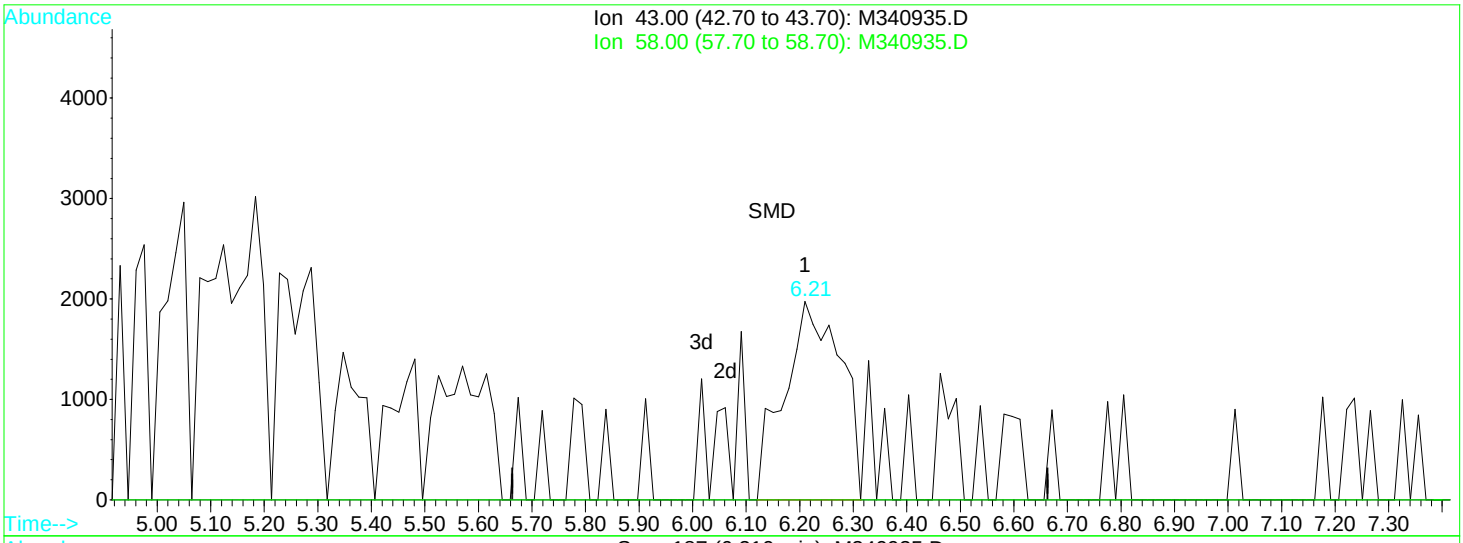
Ion	Ratio	Lower	Upper
164	100		
129	85.8	68.3	128.3
131	86.0	63.6	123.6
166	132.3	96.4	156.4

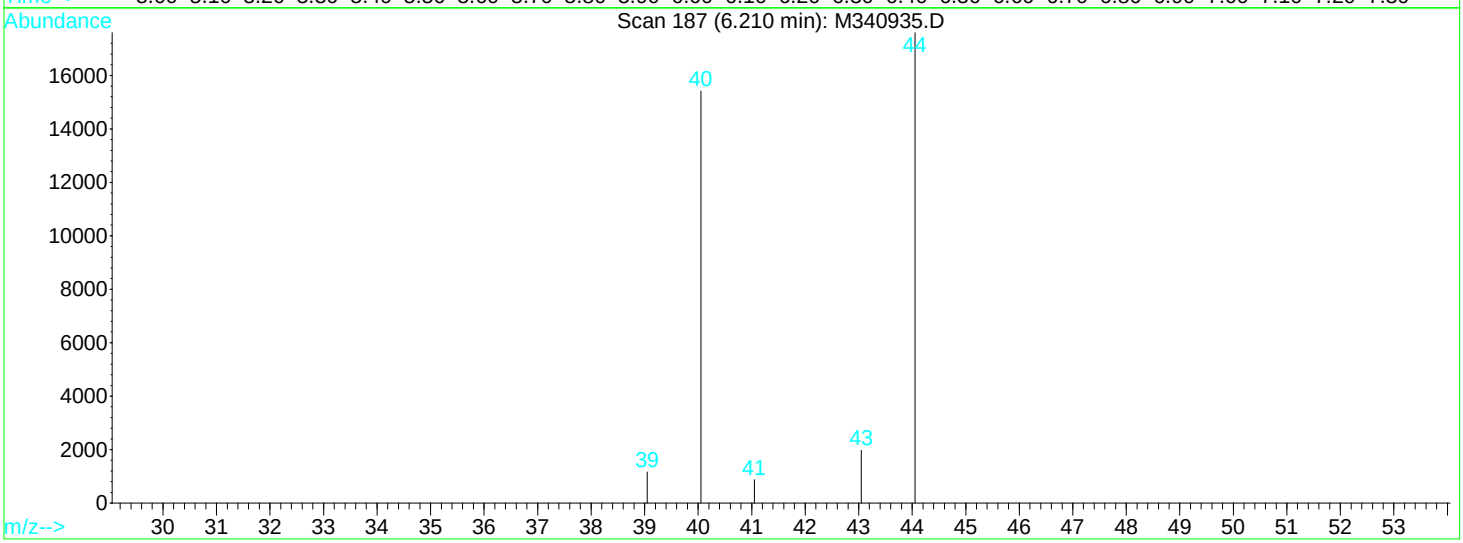


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:25 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340935.D

(10) Acetone

6.21min 2.04ug/l

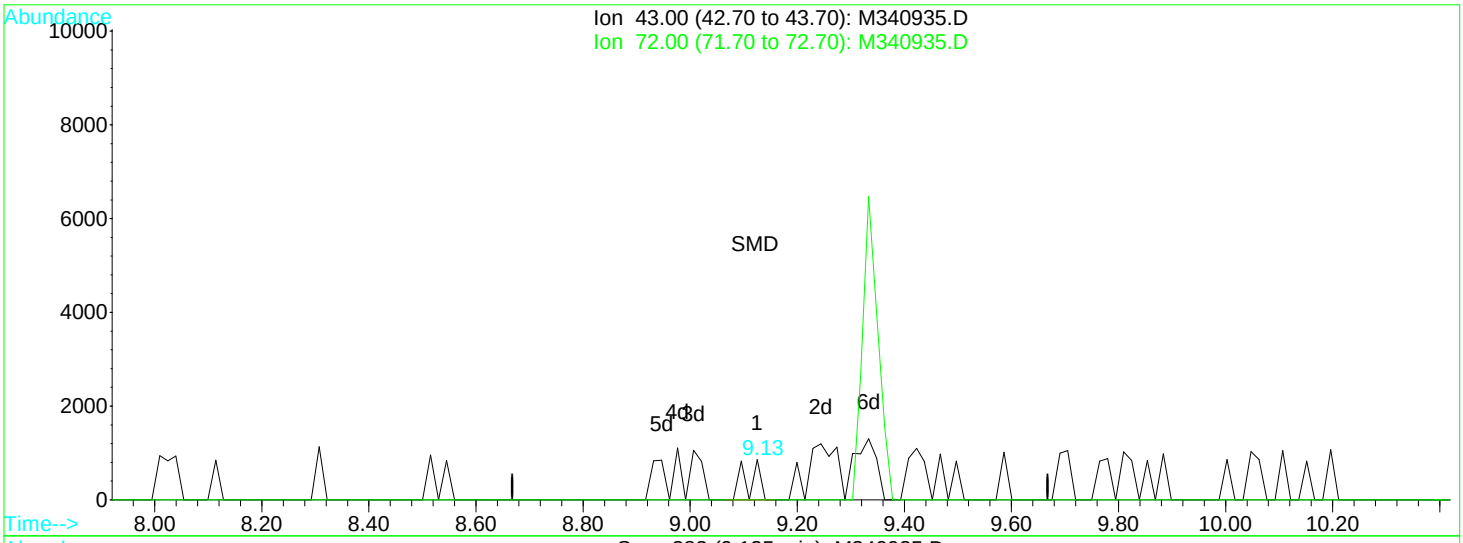
response 14585

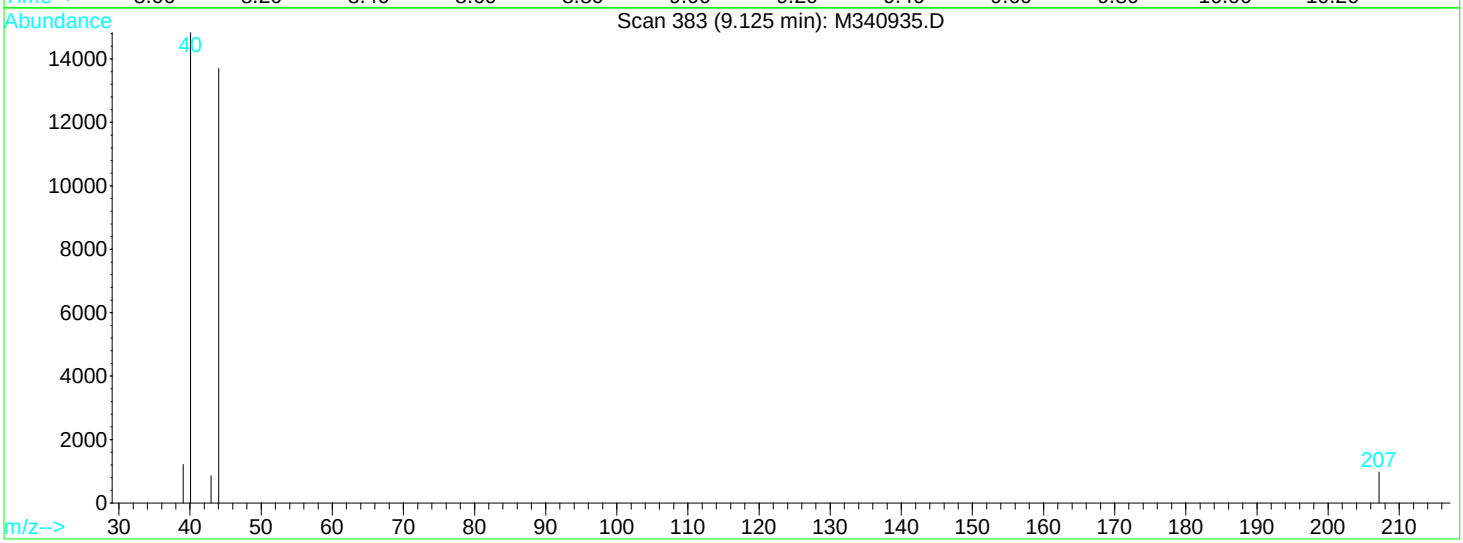
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:25 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340935.D

(24) 2-Butanone

9.13min 0.08ug/l

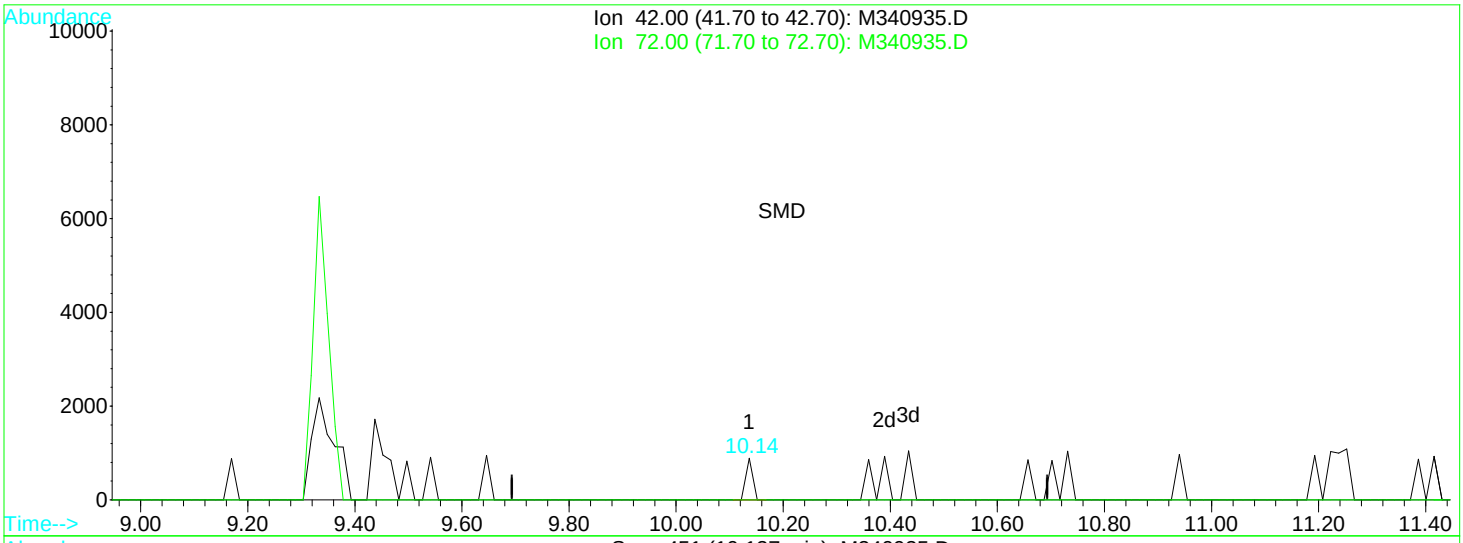
response 1505

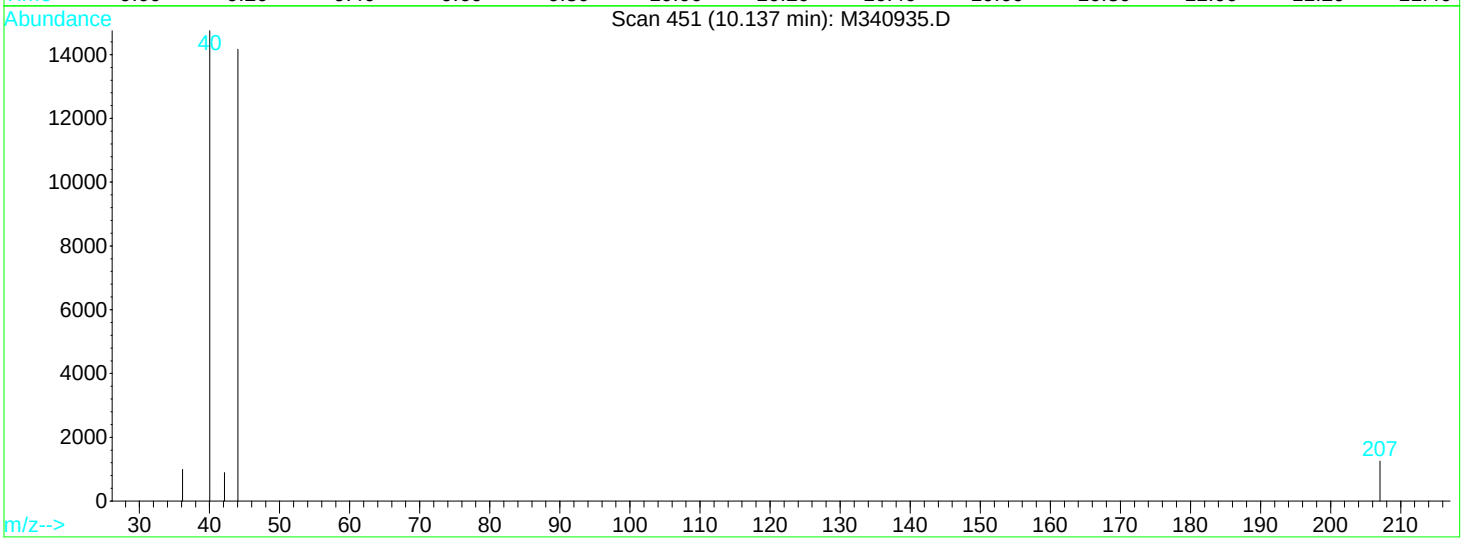
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340935.D

(32) Tetrahydrofuran

10.14min 0.10ug/l

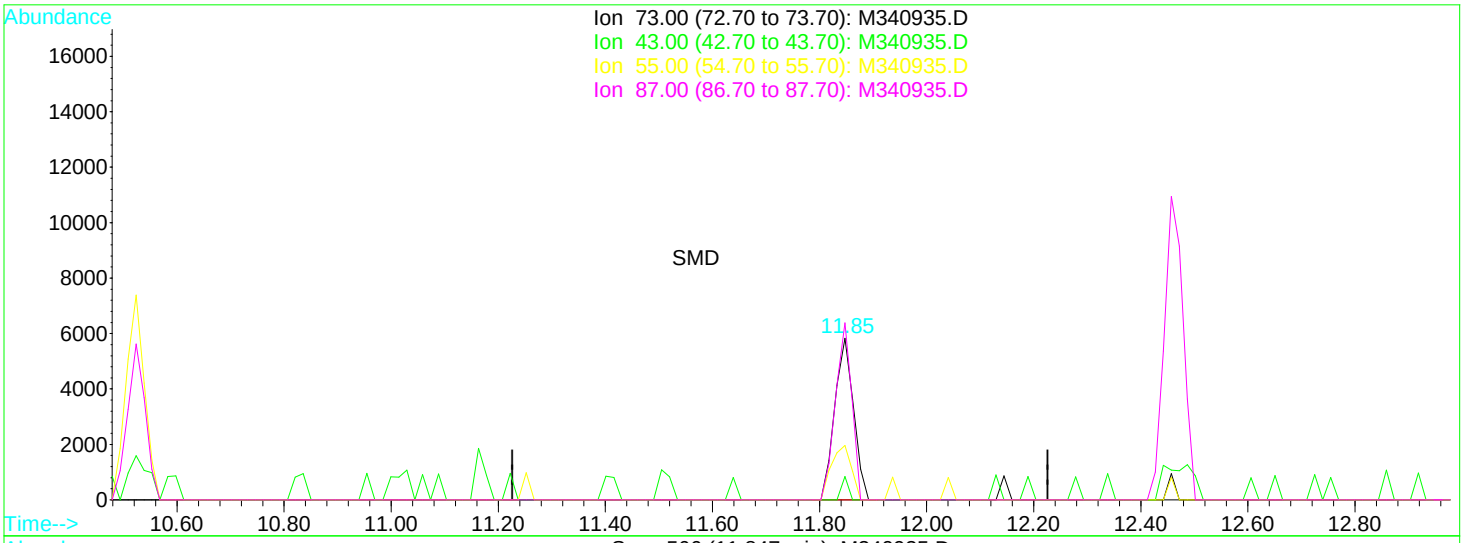
response 795

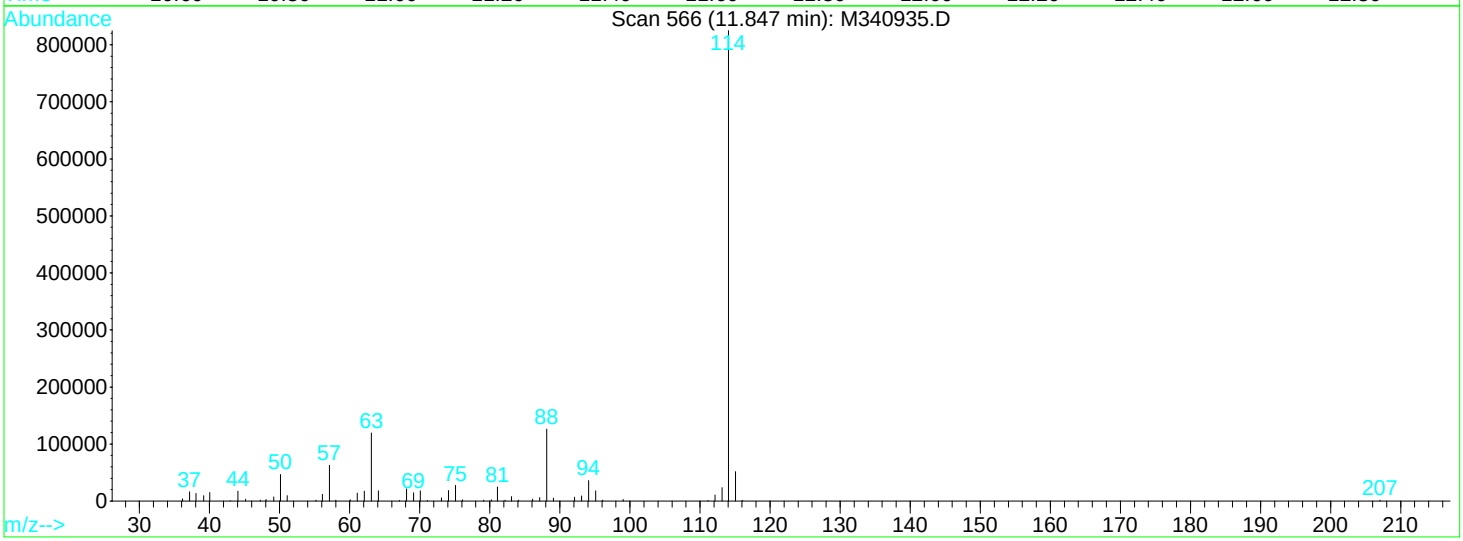
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340935.D

(43) Tertiary-amyl methyl ether

11.85min 0.24ug/l

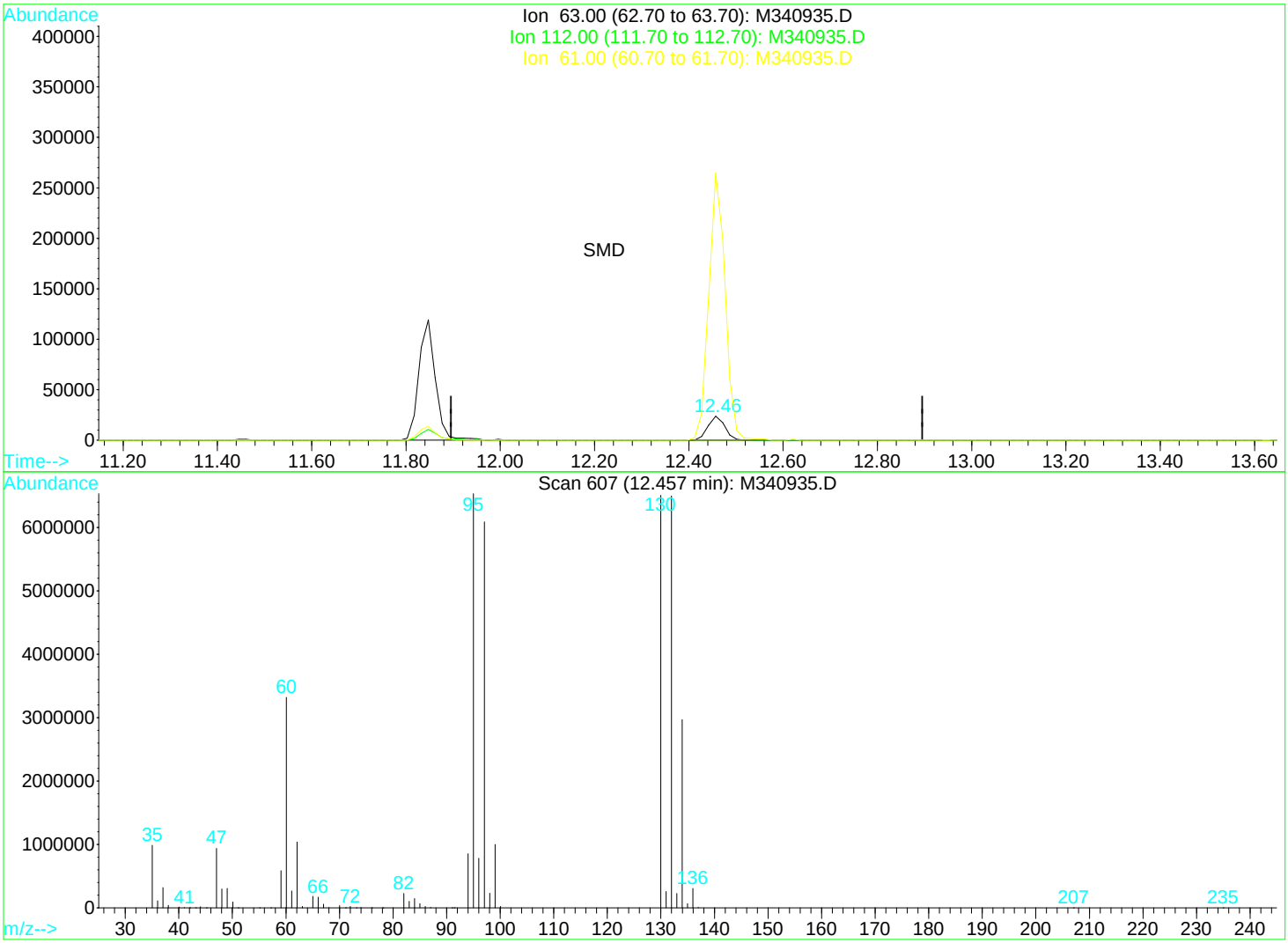
response 14365

Ion	Exp%	Act%
73.00	100	100
43.00	38.50	14.42
55.00	29.80	33.78
87.00	22.80	109.66#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340935.D

(45) 1,2-Dichloropropane

12.46min 2.22ug/l

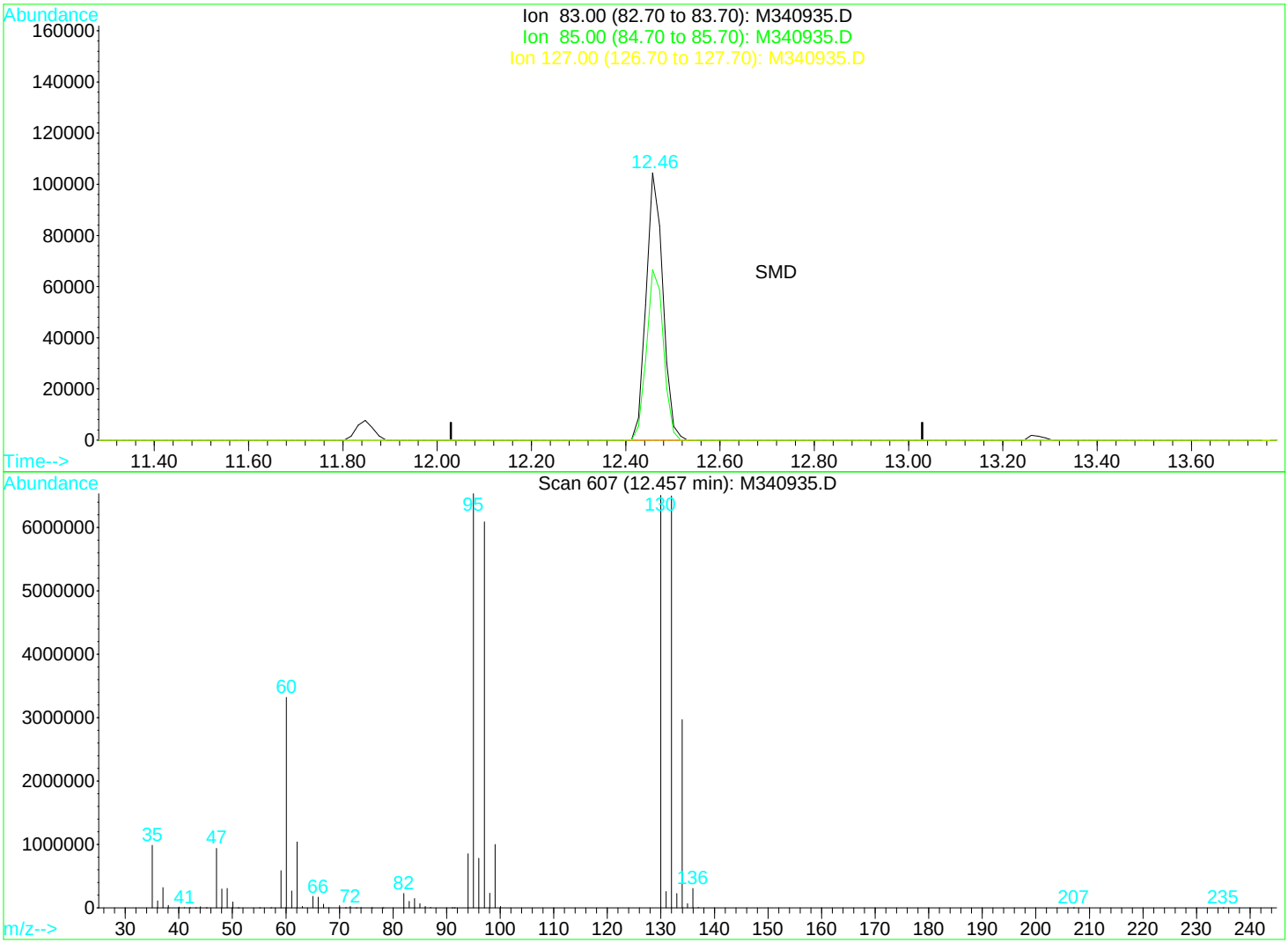
response 58643

Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	1118.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340935.D

(48) Bromodichloromethane

12.46min 7.98ug/l

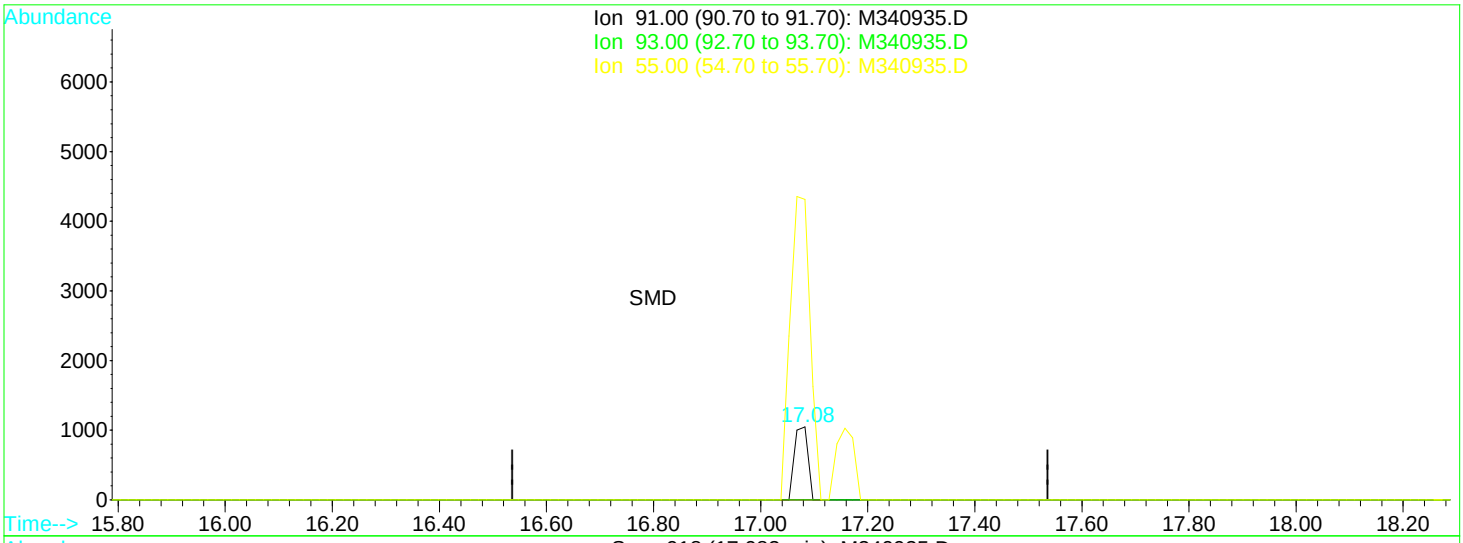
response 255995

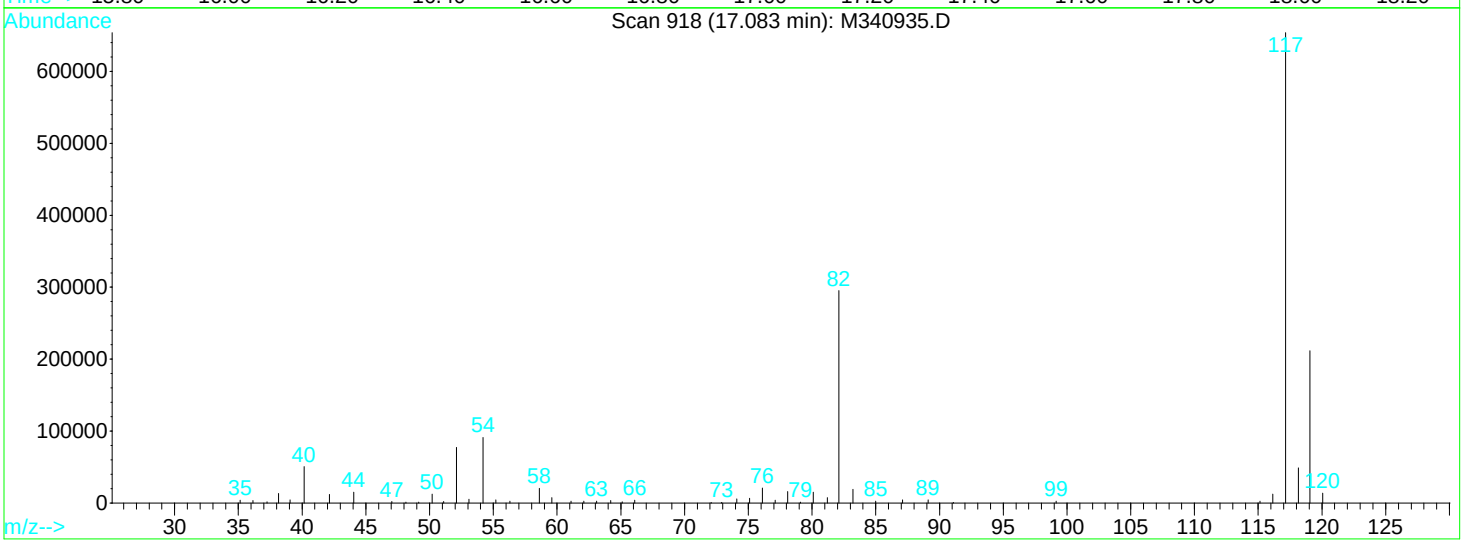
Ion	Exp%	Act%
83.00	100	100
85.00	63.30	63.81
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340935.D

(66) 1-Chlorohexane

17.08min 0.09ug/l

response 1831

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	411.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

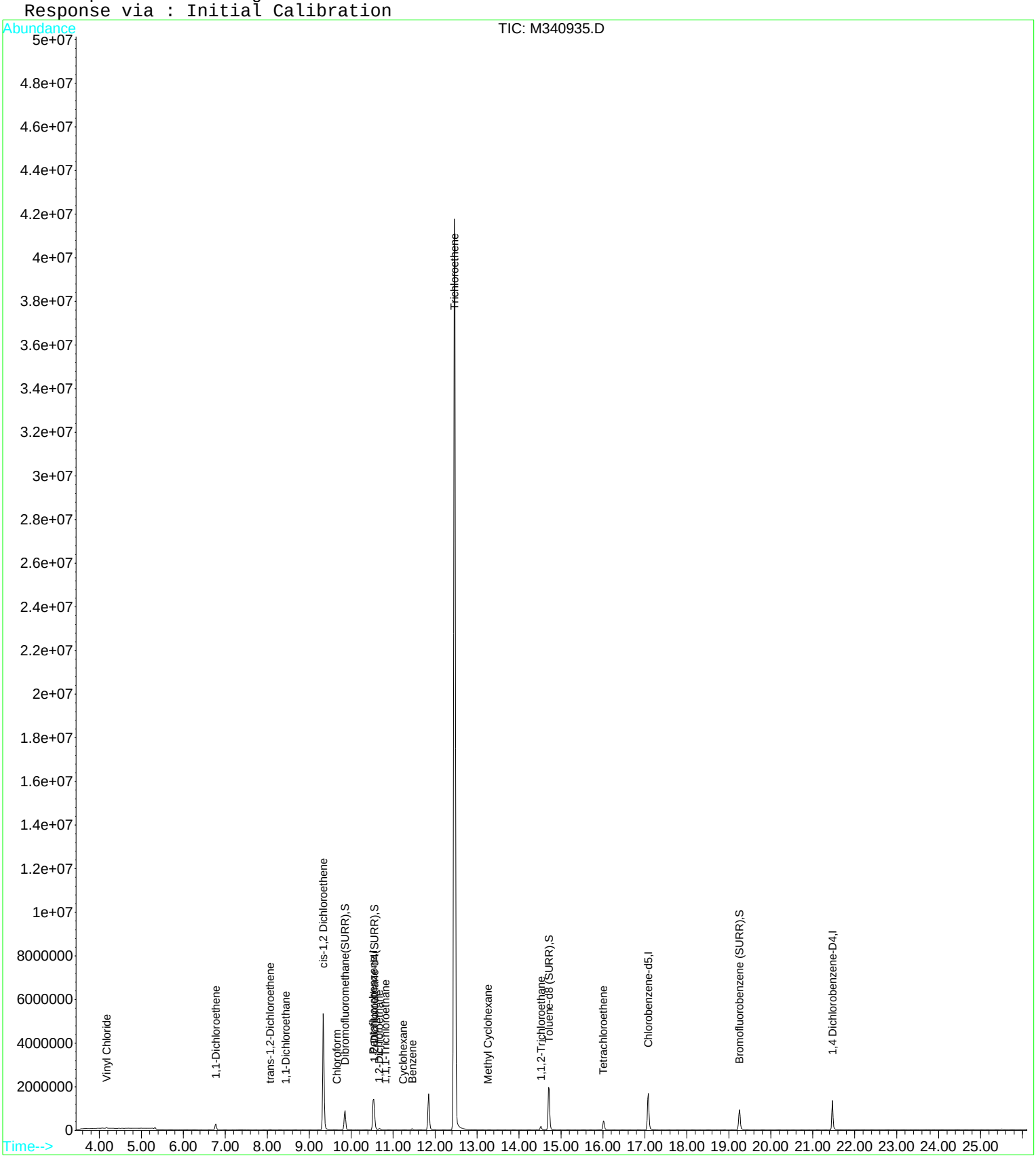
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1183870	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1633275	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	508834	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	765273	23.00	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.00%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	519543	21.87	ug/l	0.00
Spiked Amount 25.000			Recovery = 87.48%			
59) Toluene-d8 (SURR)	14.72	98	2024773	26.28	ug/l	0.00
Spiked Amount 25.000			Recovery = 105.12%			
75) Bromofluorobenzene (SURR)	19.25	95	614266	23.56	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.24%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	33651	1.35	ug/l	73
16) 1,1-Dichloroethene	6.78	96	151983	6.14	ug/l	99
20) trans-1,2-Dichloroethene	8.07	96	20075	0.68	ug/l	90
21) 1,1-Dichloroethane	8.44	63	4343	0.10	ug/l	61
27) cis-1,2 Dichloroethene	9.33	96	3303576	100.76	ug/l	99
33) Chloroform	9.66	83	4065	0.09	ug/l	75
36) 1,1,1-Trichloroethane	10.82	97	2050	0.07	ug/l #	54
38) Cyclohexane	11.24	56	3339	0.13	ug/l #	73
40) Benzene	11.46	78	65415	0.66	ug/l	100
42) 1,2-Dichloroethane	10.67	62	52406	1.85	ug/l	99
44) Trichloroethene	12.46	95	19750869	723.83	ug/l #	83
52) Methyl Cyclohexane	13.26	83	3847	0.16	ug/l #	68
56) 1,1,2-Trichloroethane	14.52	83	69943	3.07	ug/l	96
63) Tetrachloroethene	16.01	164	152505	9.62	ug/l	98

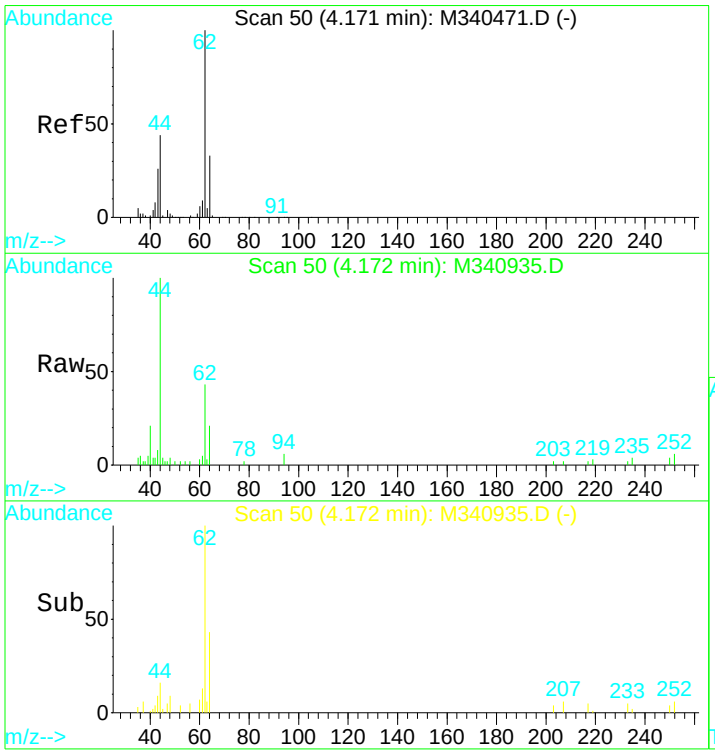
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340935.D Vial: 16
Acq On : 12 Aug 2010 4:19 pm Operator: MD
Sample : 1008142-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:26 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

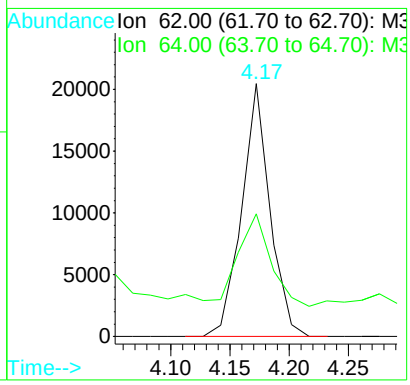


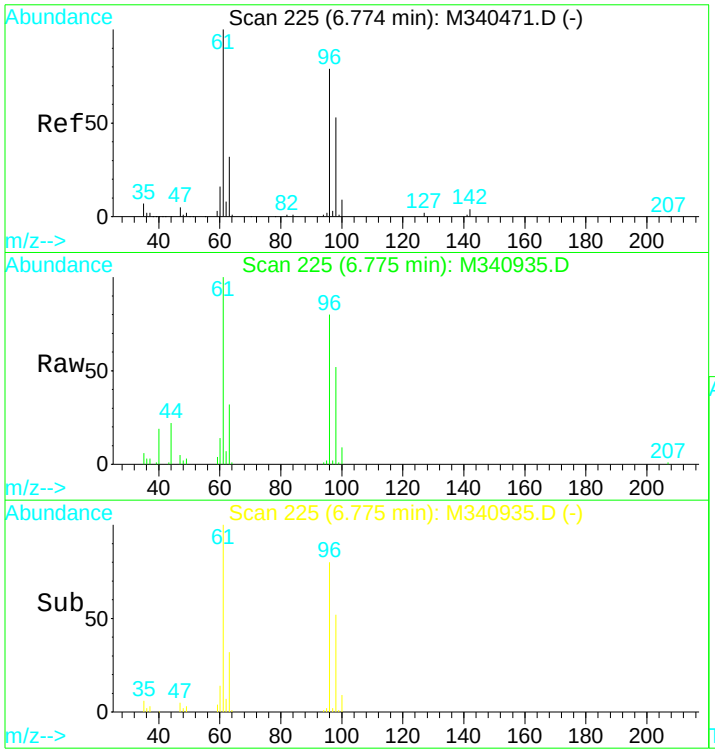


#4
Vinyl Chloride
Concen: 1.35 ug/l
RT: 4.17 min Scan# 50
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 62 Resp: 33651

Ion	Ratio	Lower	Upper
62	100		
64	48.5	3.4	63.4

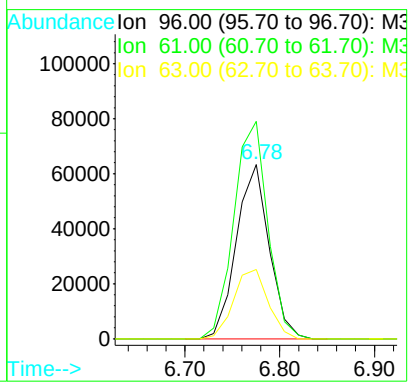


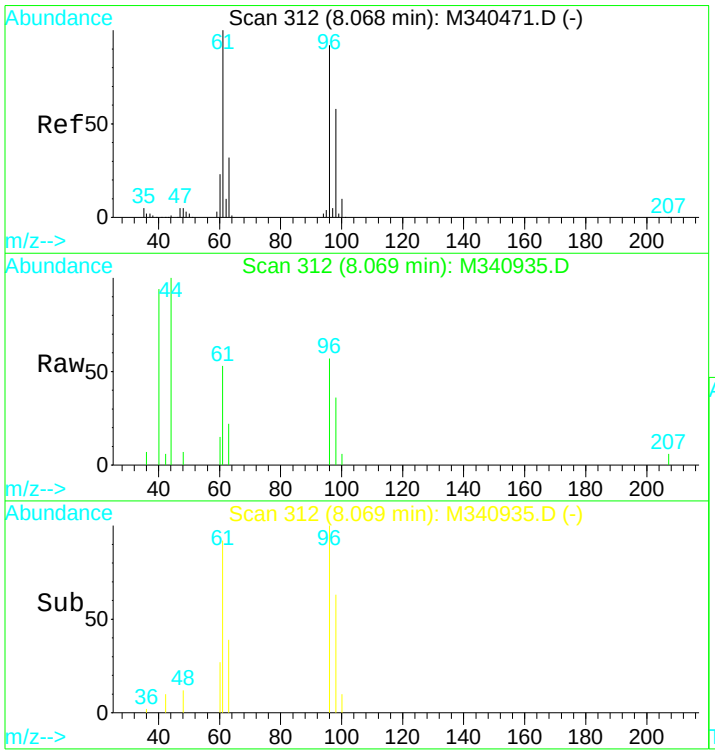


#16
1,1-Dichloroethene
Concen: 6.14 ug/l
RT: 6.78 min Scan# 225
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 96 Resp: 151983

Ion	Ratio	Lower	Upper
96	100		
61	124.8	96.7	156.7
63	39.8	10.1	70.1

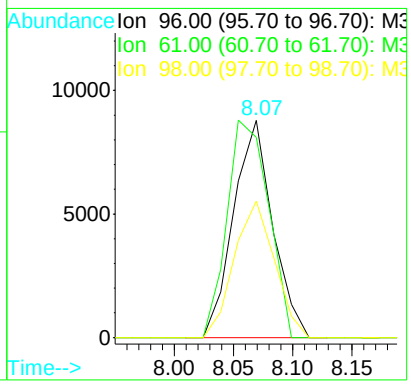


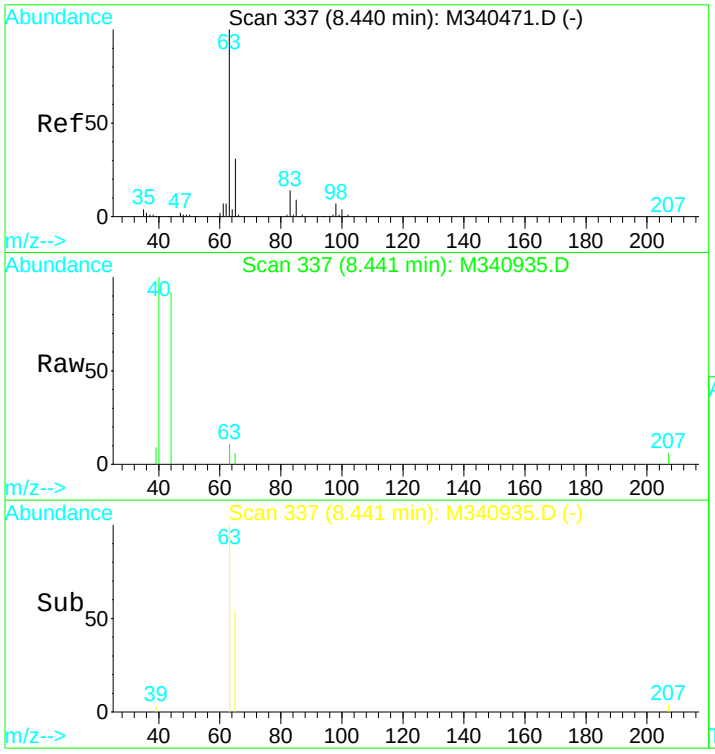


#20
trans-1,2-Dichloroethene
Concen: 0.68 ug/l
RT: 8.07 min Scan# 312
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 96 Resp: 20075

Ion	Ratio	Lower	Upper
96	100		
61	92.2	78.7	138.7
98	62.8	33.5	93.5

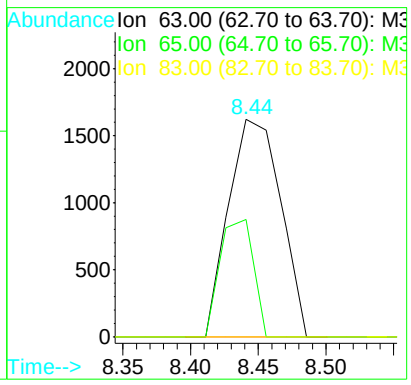


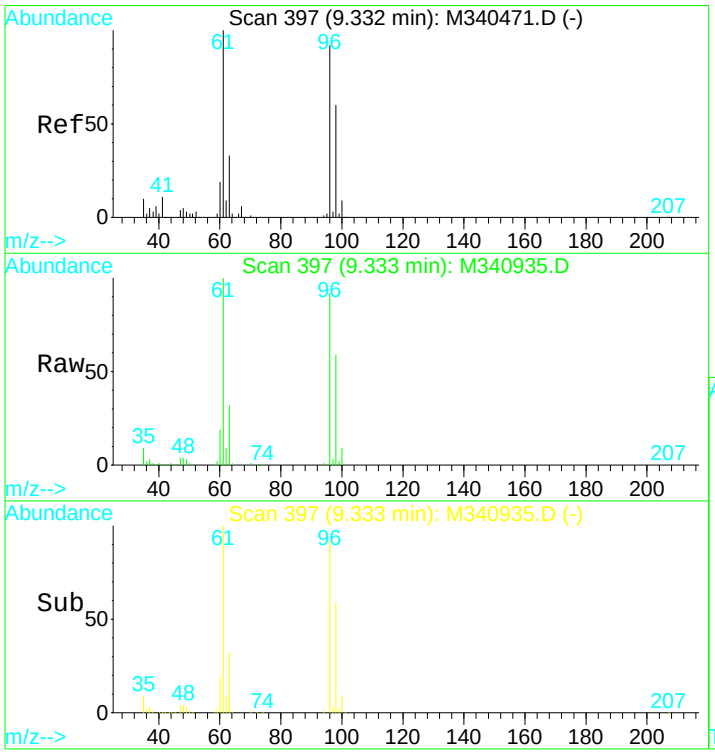


#21
1,1-Dichloroethane
Concen: 0.10 ug/l
RT: 8.44 min Scan# 337
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 63 Resp: 4343

Ion	Ratio	Lower	Upper
63	100		
65	54.0	1.5	61.5
83	0.0	0.0	43.9

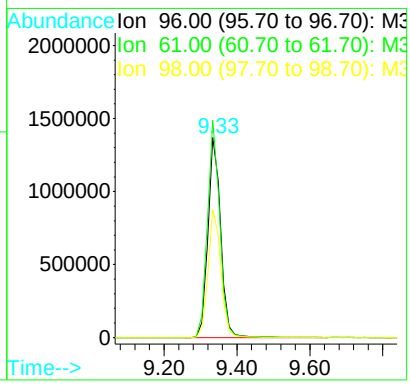


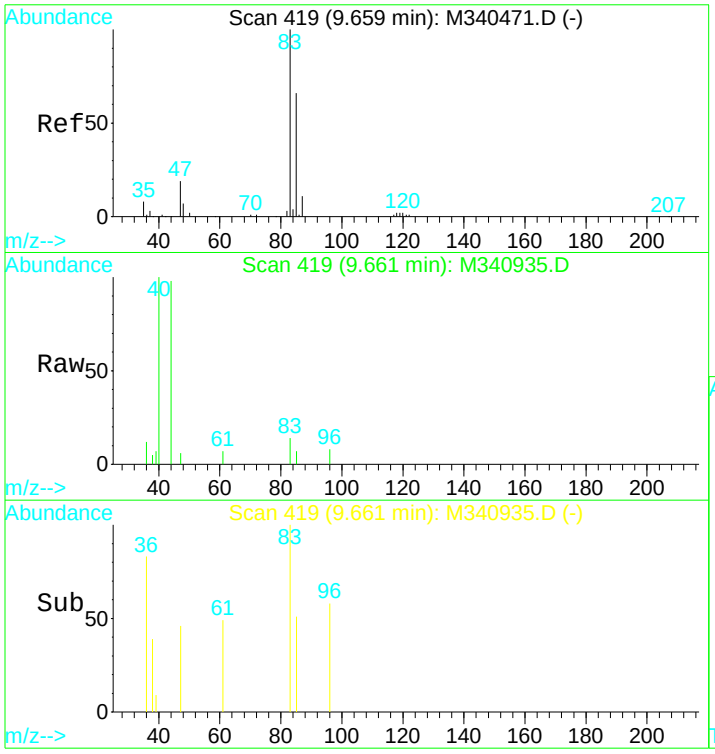


#27
cis-1,2 Dichloroethene
Concen: 100.76 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 96 Resp: 3303576

Ion	Ratio	Lower	Upper
96	100		
61	108.7	79.2	139.2
98	64.1	35.1	95.1

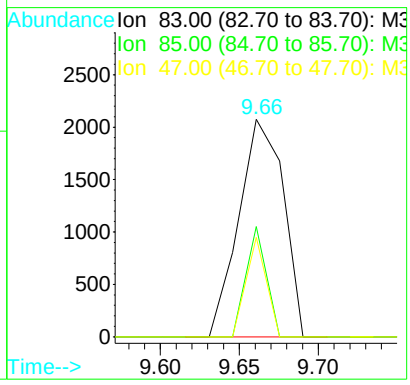


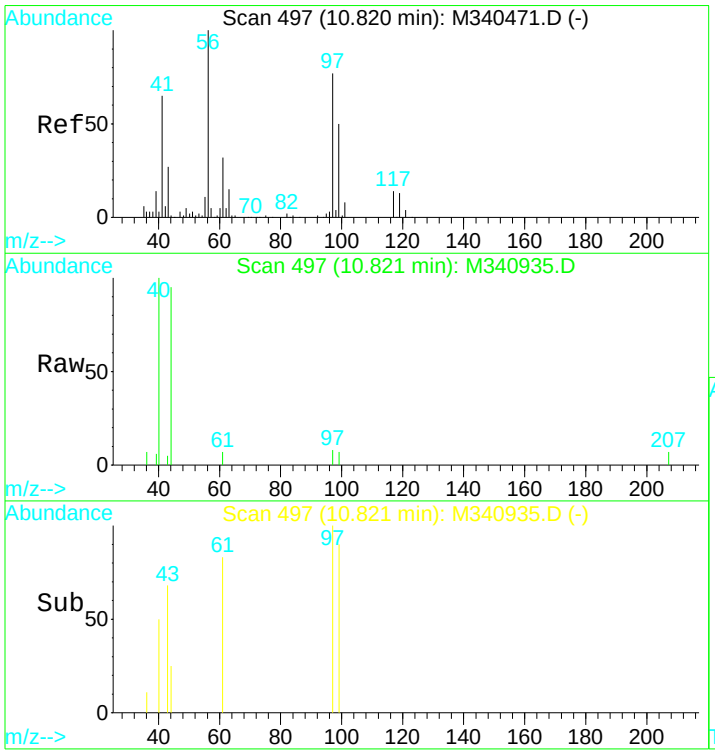


#33
Chloroform
Concen: 0.09 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 83 Resp: 4065

Ion	Ratio	Lower	Upper
83	100		
85	50.7	35.8	95.8
47	45.7	0.0	54.6

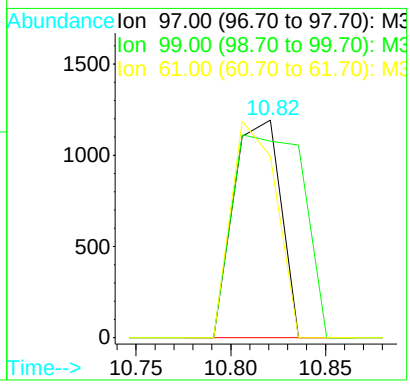


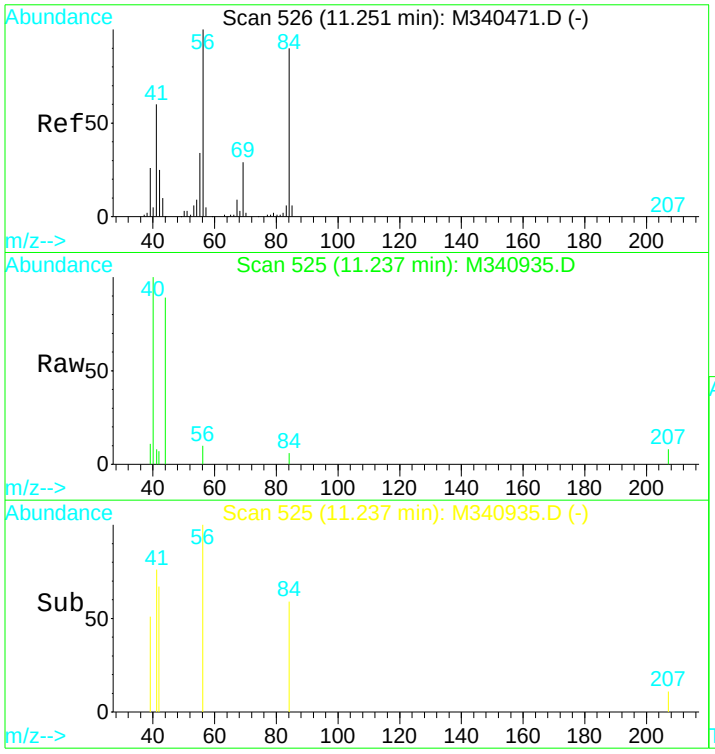


#36
1,1,1-Trichloroethane
Concen: 0.07 ug/l
RT: 10.82 min Scan# 497
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 97 Resp: 2050

Ion	Ratio	Lower	Upper
97	100		
99	90.2	34.9	94.9
61	83.3	11.4	71.4#

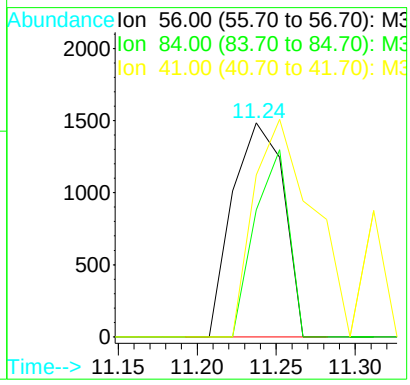


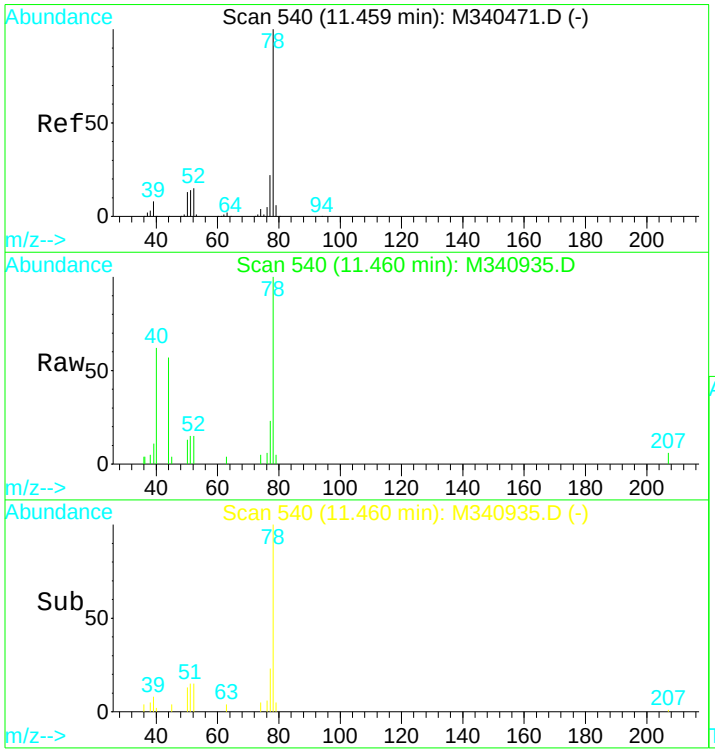


#38
Cyclohexane
Concen: 0.13 ug/l
RT: 11.24 min Scan# 525
Delta R.T. -0.01 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 56 Resp: 3339

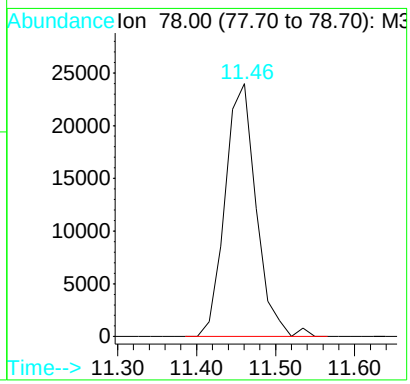
Ion	Ratio	Lower	Upper
56	100		
84	59.3	60.0	120.0#
41	75.6	30.7	90.7

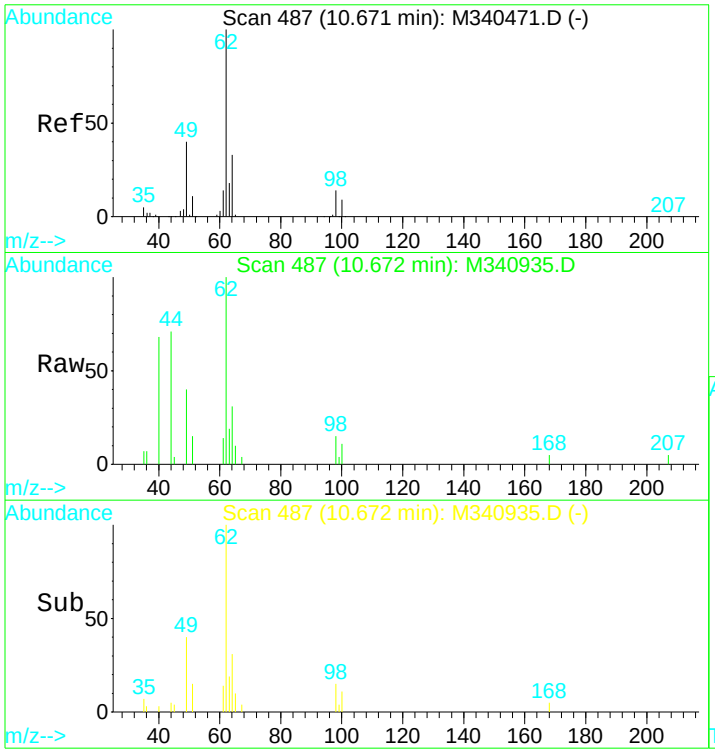




#40
Benzene
Concen: 0.66 ug/l
RT: 11.46 min Scan# 540
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 78 Resp: 65415

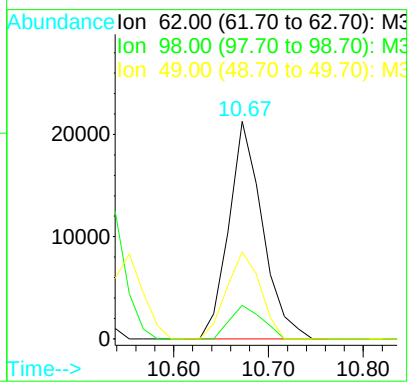


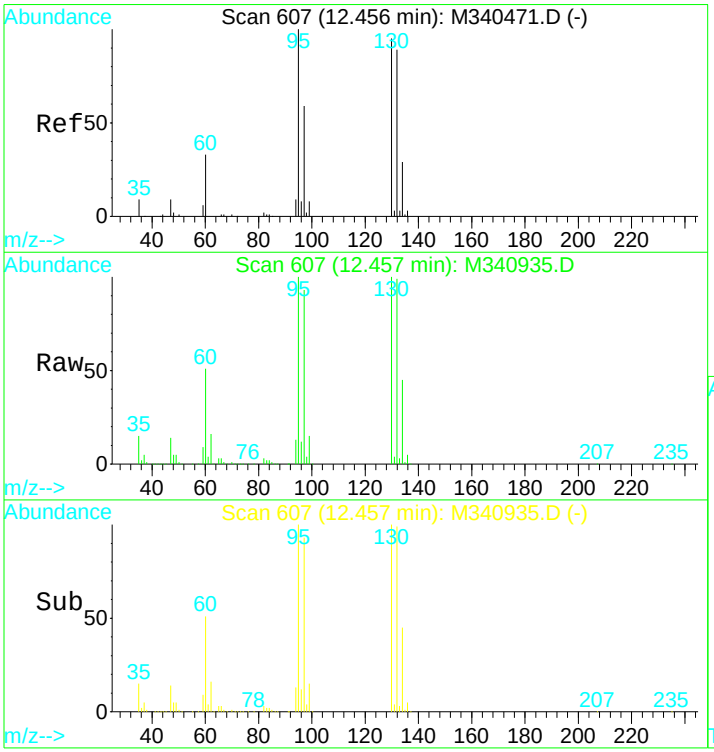


#42
1,2-Dichloroethane
Concen: 1.85 ug/l
RT: 10.67 min Scan# 487
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 62 Resp: 52406

Ion	Ratio	Lower	Upper
62	100		
98	15.5	0.0	44.1
49	39.9	9.8	69.8

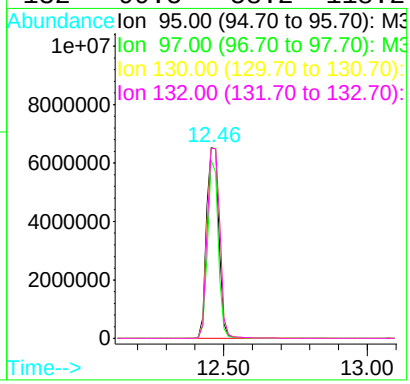


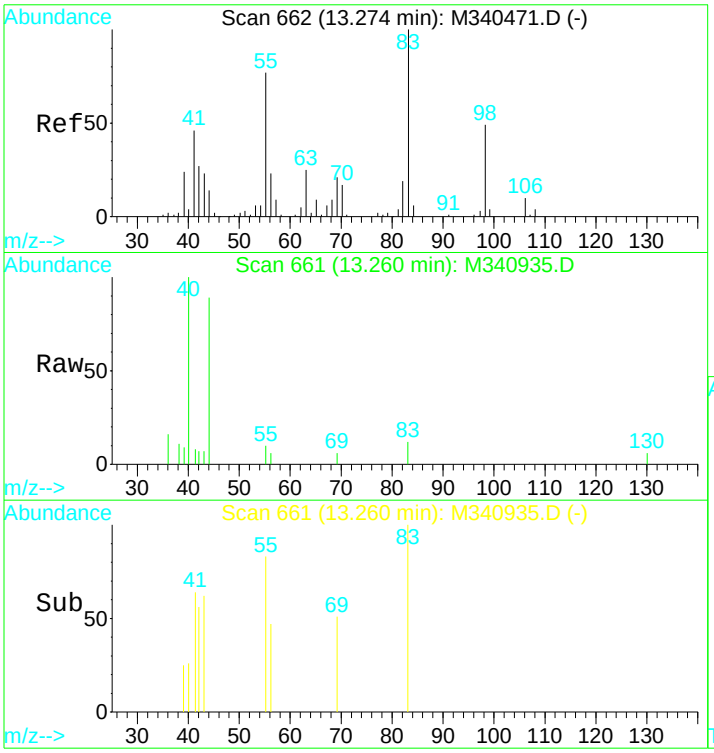


#44
Trichloroethene
Concen: 723.83 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 95 Resp:19750869

Ion	Ratio	Lower	Upper
95	100		
97	93.2	31.8	91.8#
130	99.6	64.0	124.0
132	99.5	58.2	118.2

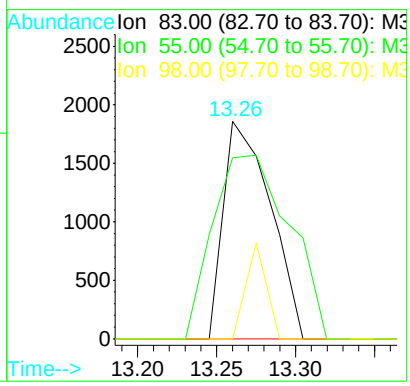


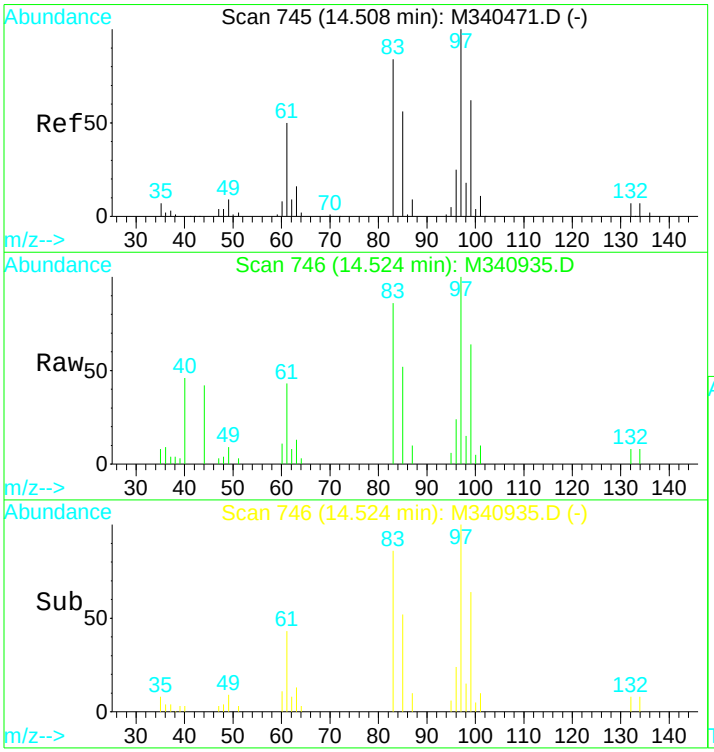


#52
Methyl Cyclohexane
Concen: 0.16 ug/l
RT: 13.26 min Scan# 661
Delta R.T. -0.01 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 83 Resp: 3847

Ion	Ratio	Lower	Upper
83	100		
55	83.2	47.2	107.2
98	0.0	18.8	78.8#

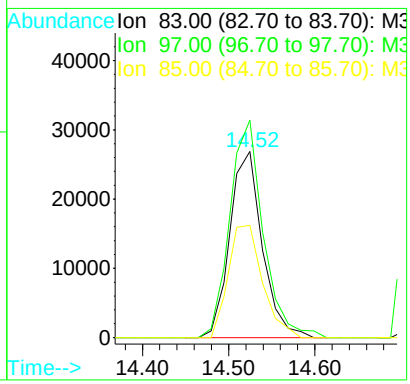


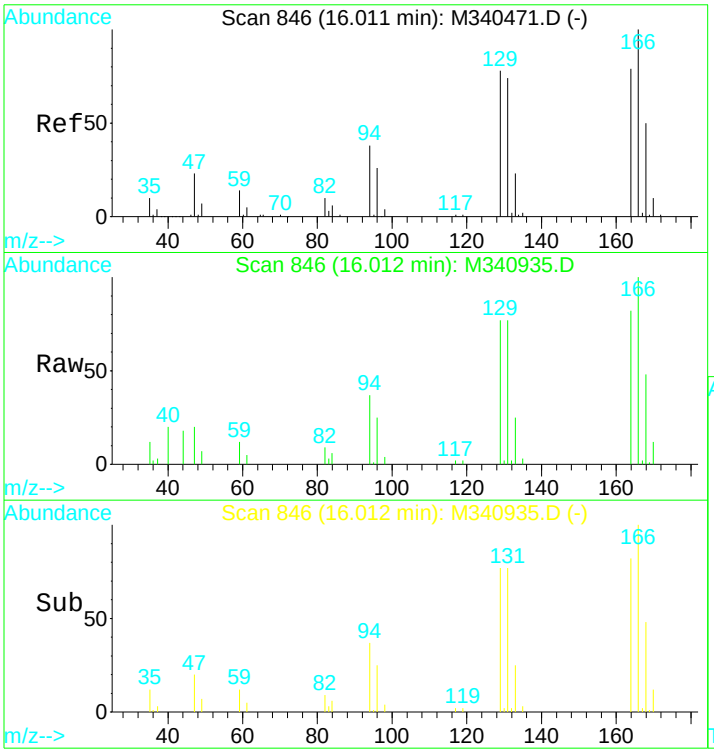


#56
1,1,2-Trichloroethane
Concen: 3.07 ug/l
RT: 14.52 min Scan# 746
Delta R.T. 0.02 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion: 83 Resp: 69943

Ion	Ratio	Lower	Upper
83	100		
97	116.9	88.5	148.5
85	60.3	36.8	96.8

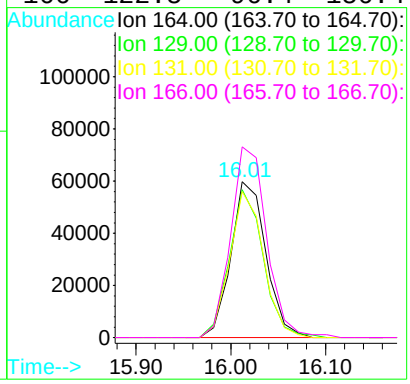




#63
Tetrachloroethene
Concen: 9.62 ug/l
RT: 16.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: M340935.D
Acq: 12 Aug 2010 4:19 pm

Tgt Ion:164 Resp: 152505

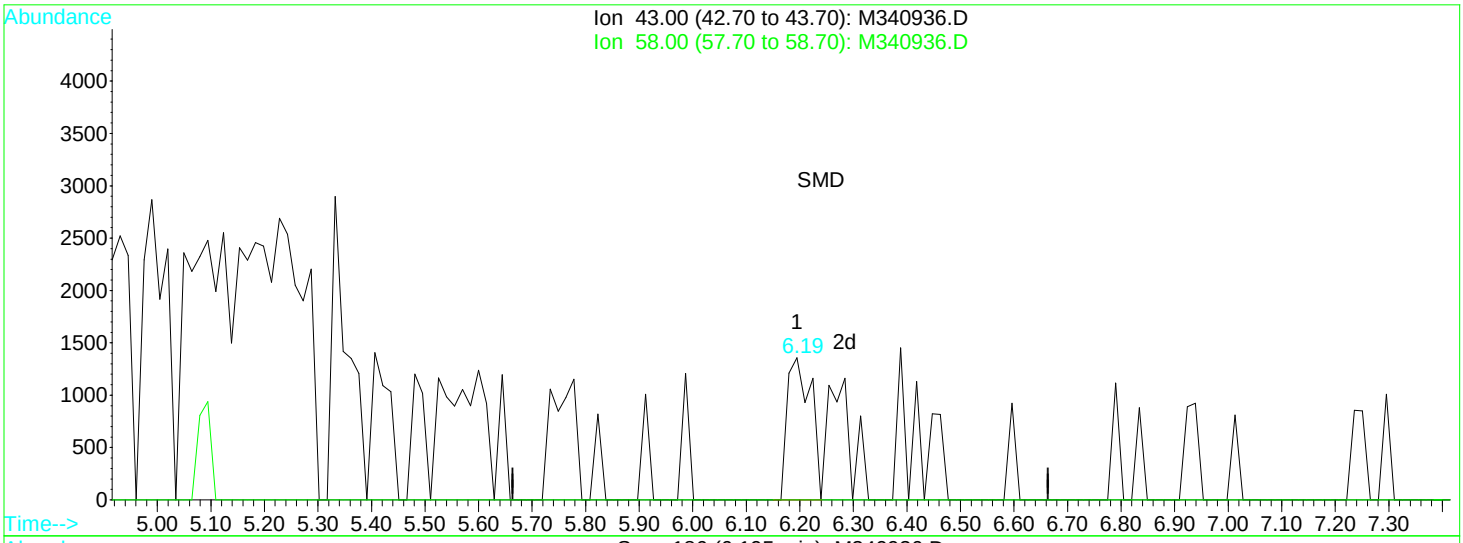
Ion	Ratio	Lower	Upper
164	100		
129	94.9	68.3	128.3
131	93.8	63.6	123.6
166	122.5	96.4	156.4

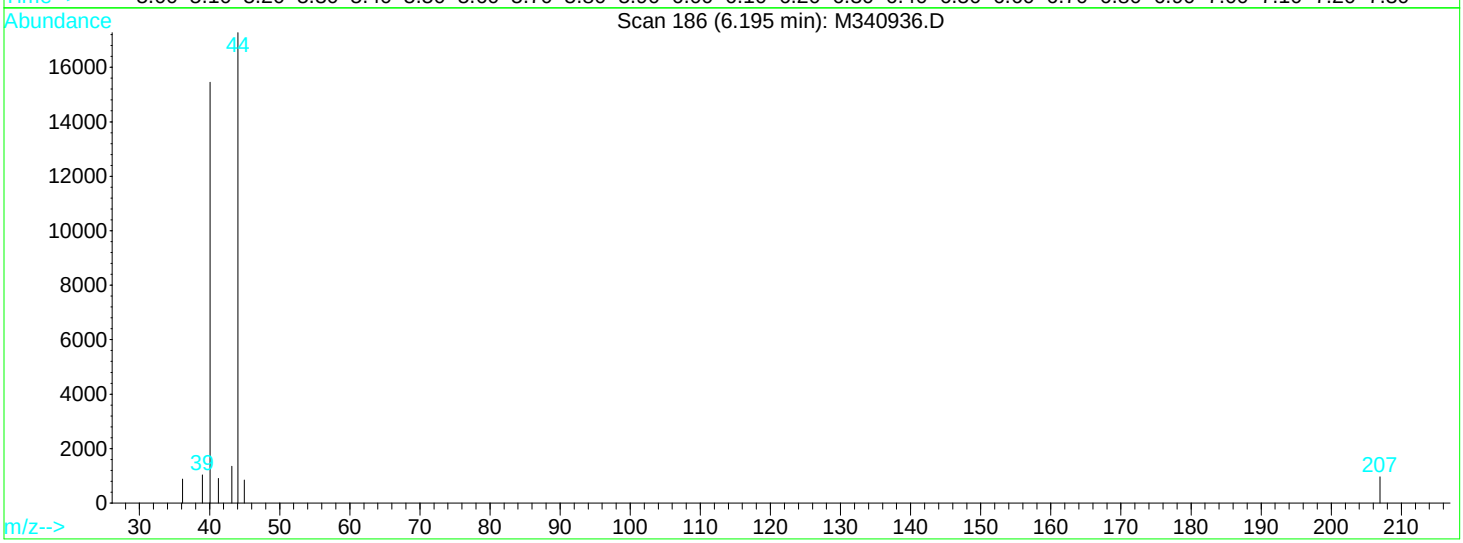


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:28 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(10) Acetone

6.19min 0.57ug/l

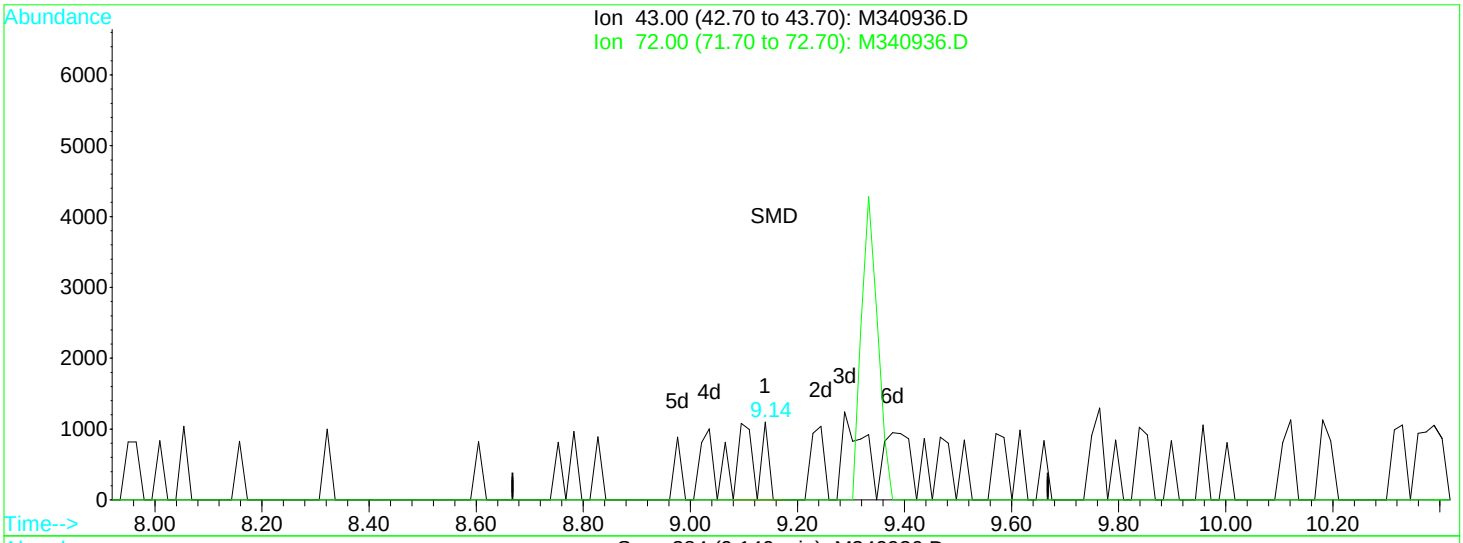
response 4157

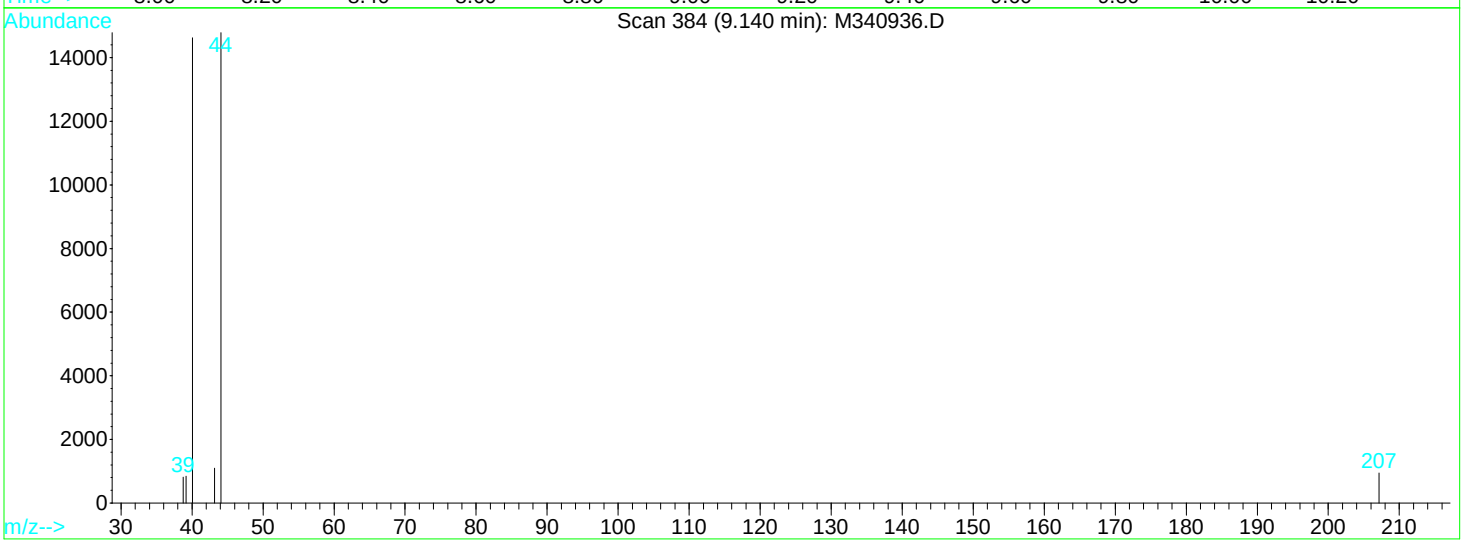
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:28 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(24) 2-Butanone

9.14min 0.14ug/l

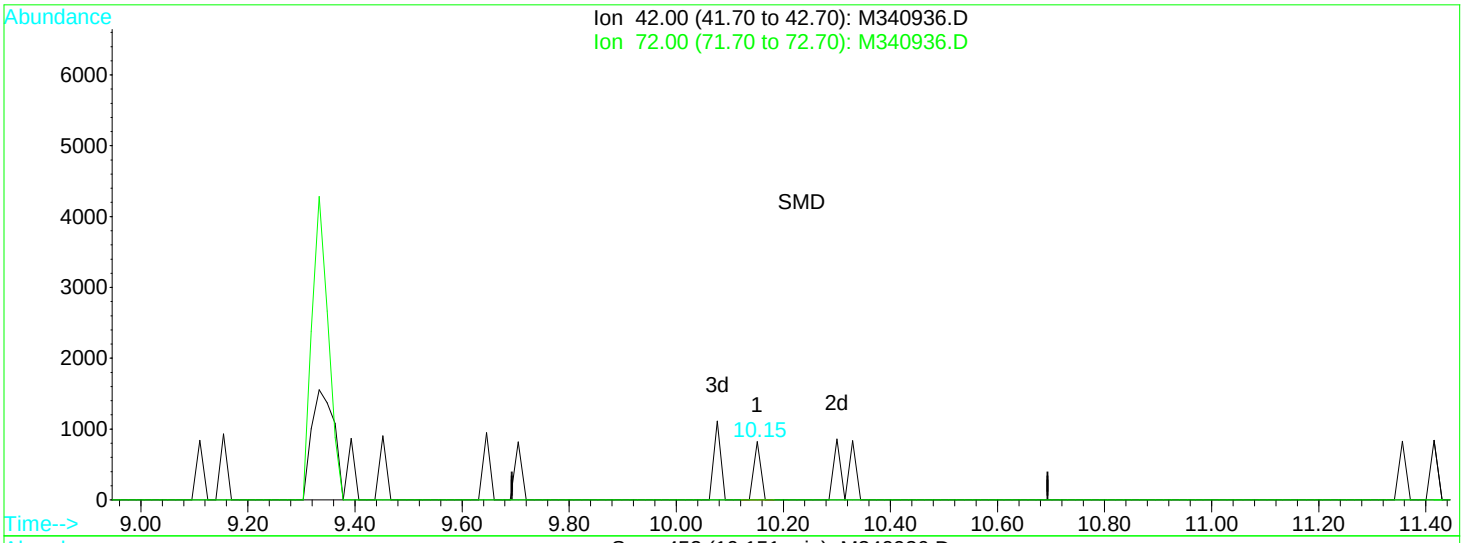
response 2828

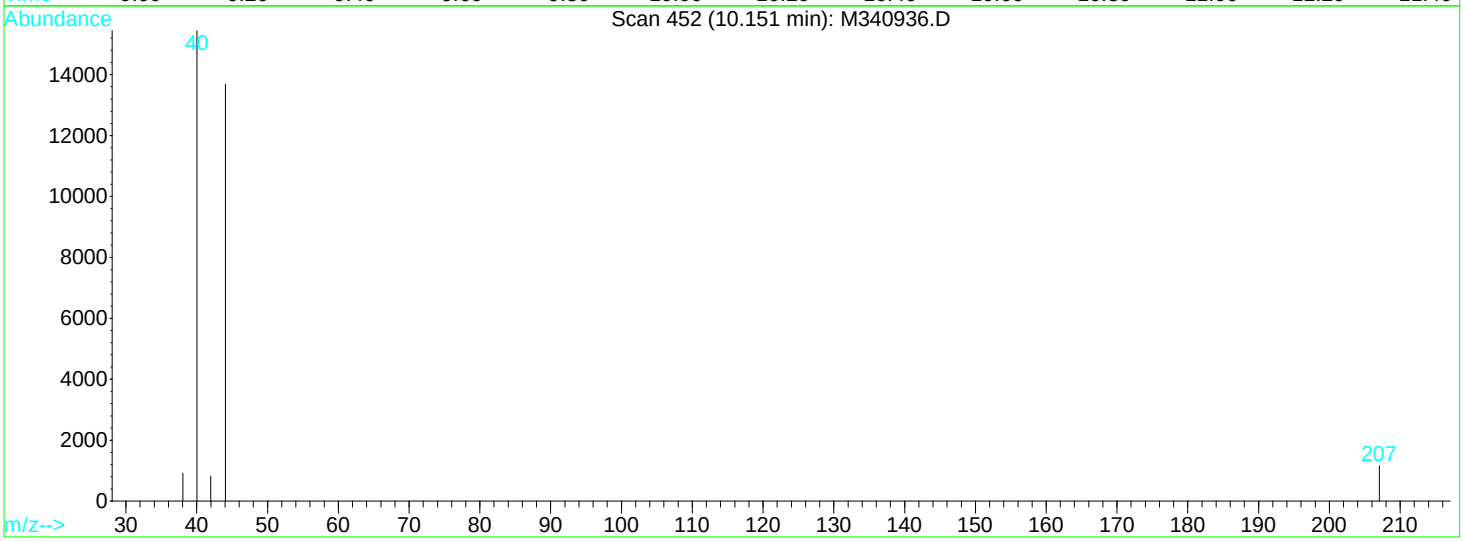
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:28 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(32) Tetrahydrofuran

10.15min 0.10ug/l

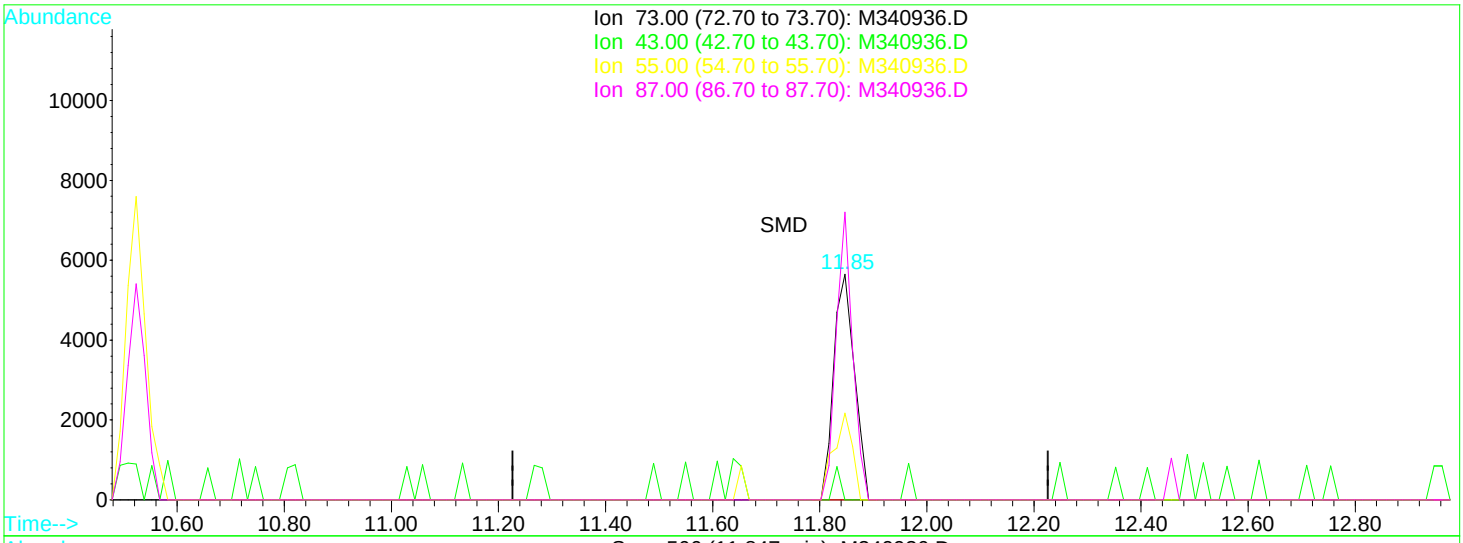
response 735

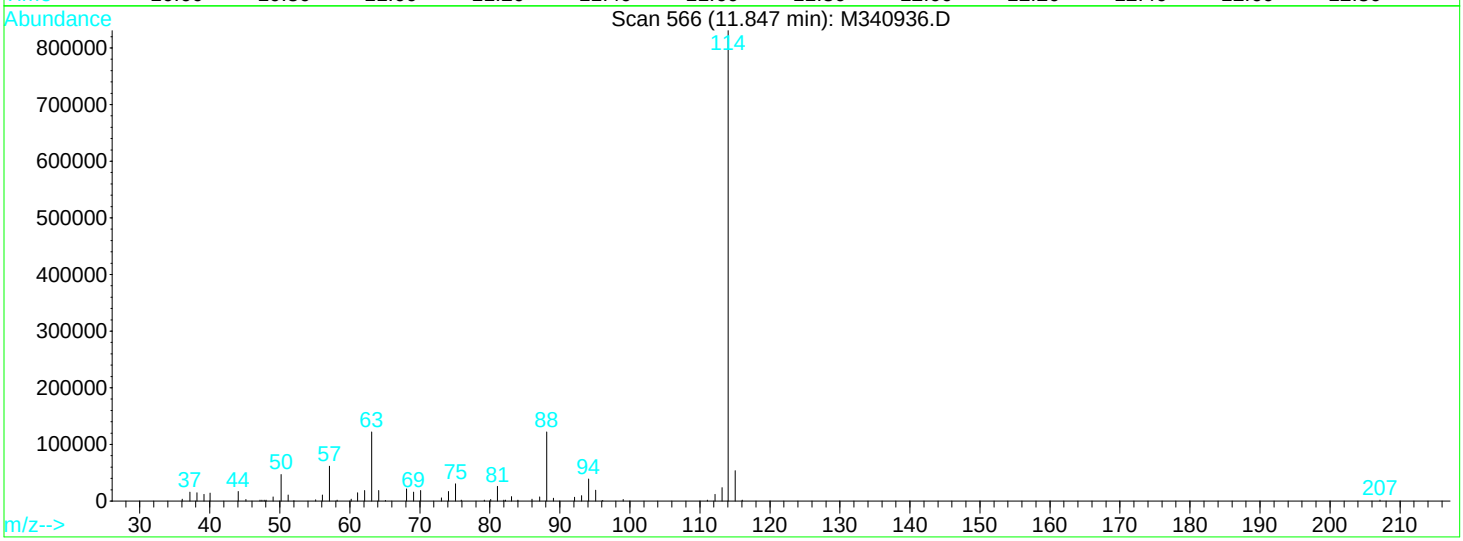
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:28 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(43) Tertiary-amyl methyl ether

11.85min 0.25ug/l

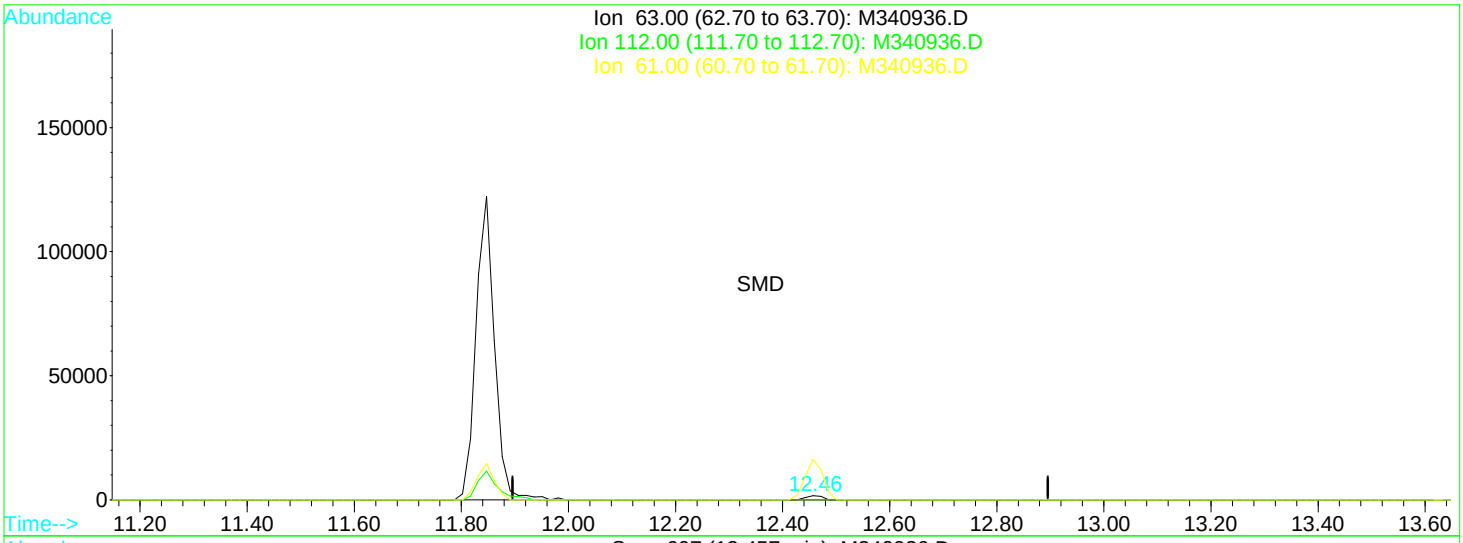
response 15312

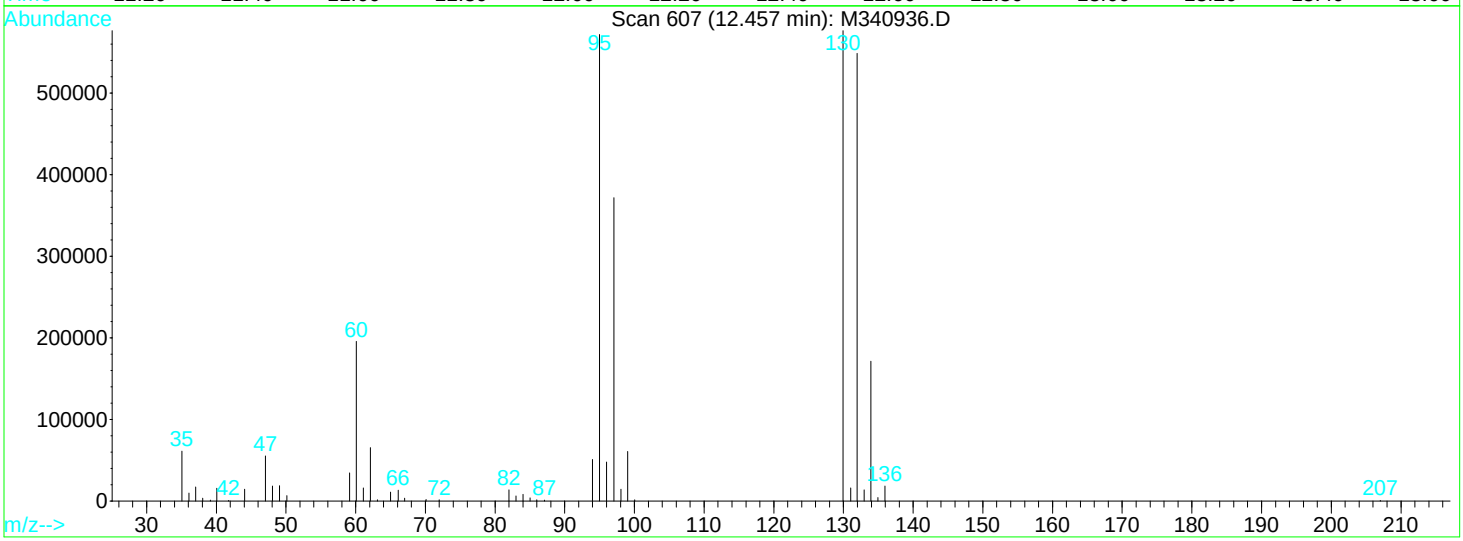
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	0.00#
55.00	29.80	38.50
87.00	22.80	127.59#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(45) 1,2-Dichloropropane

12.46min 0.14ug/l

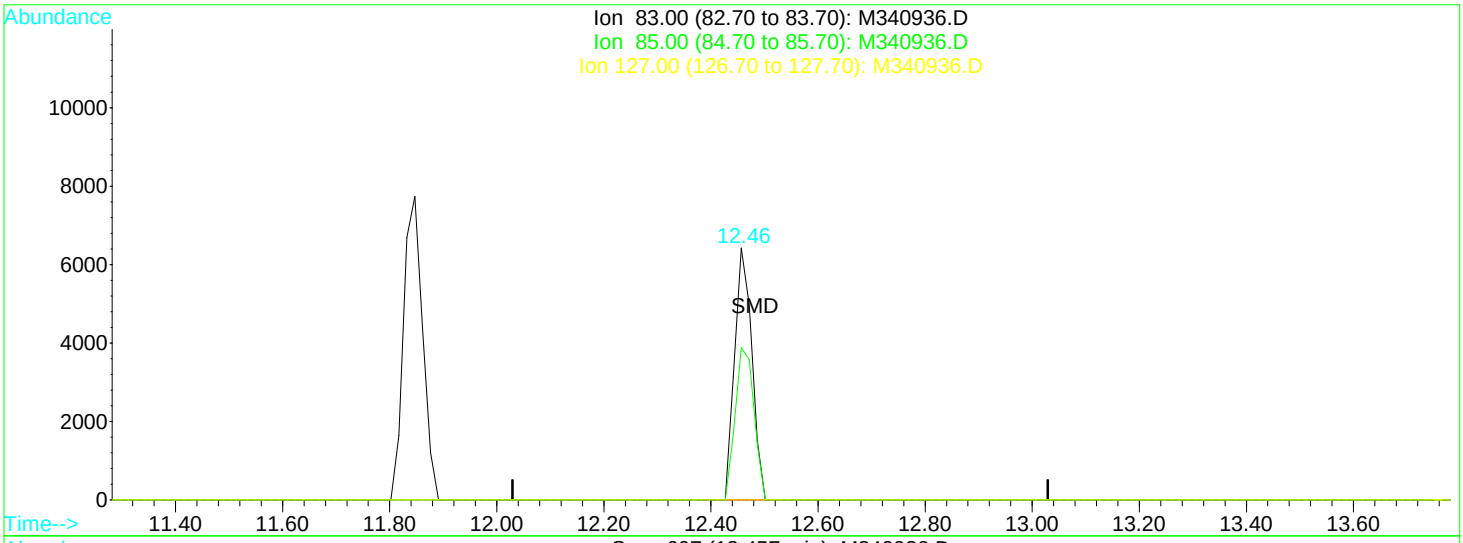
response 3657

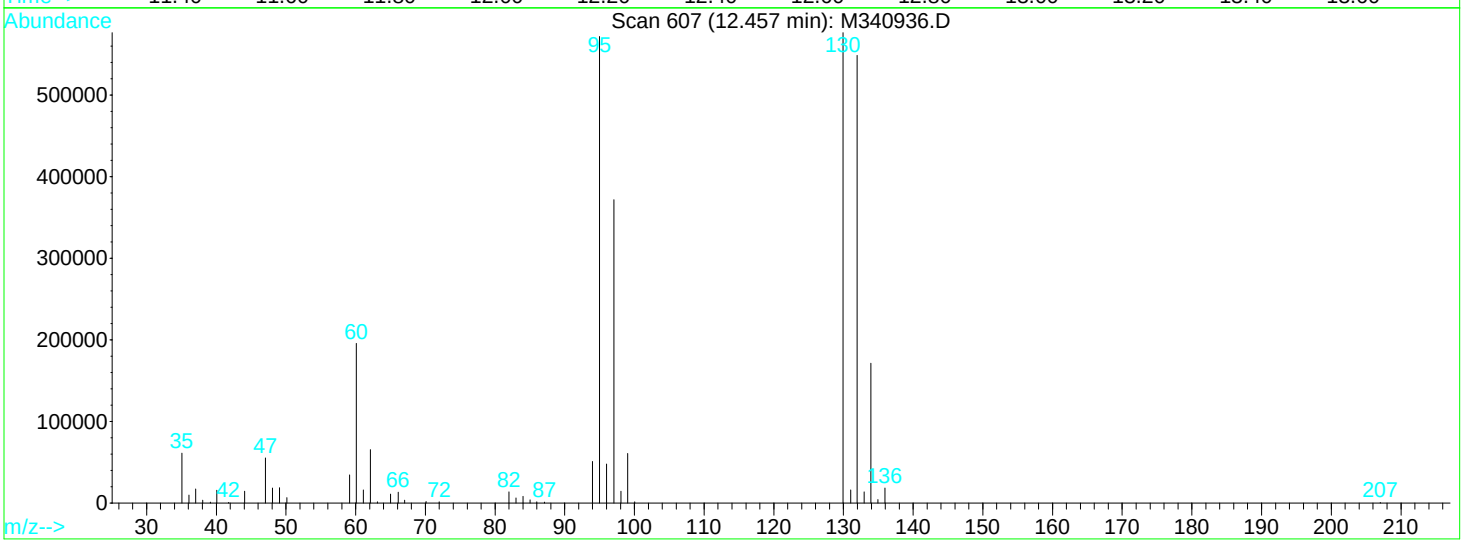
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	946.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(48) Bromodichloromethane

12.46min 0.44ug/l

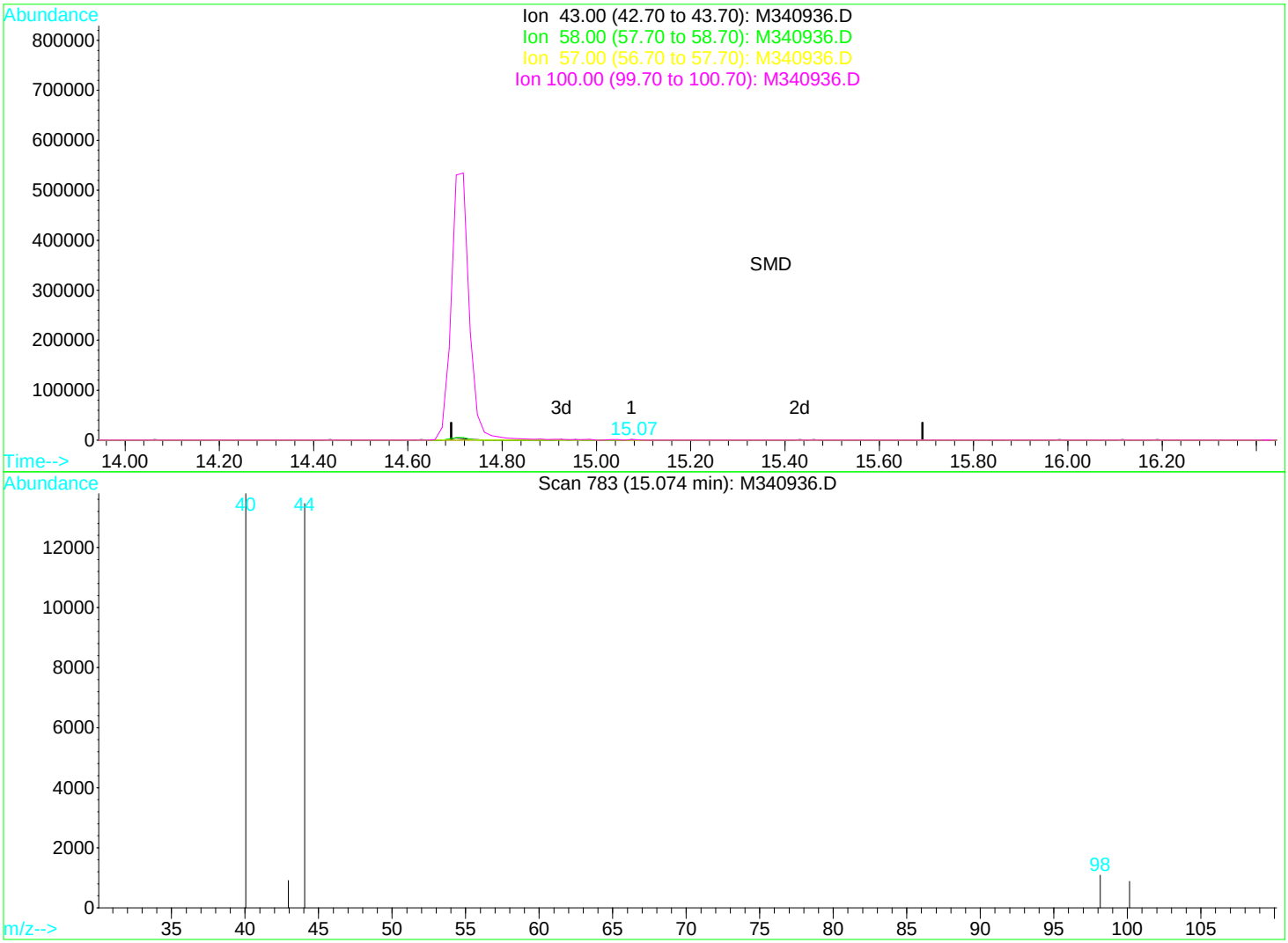
response 14311

Ion	Exp%	Act%
83.00	100	100
85.00	63.30	60.45
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340936.D

(61) 2-Hexanone

15.07min 0.09ug/l

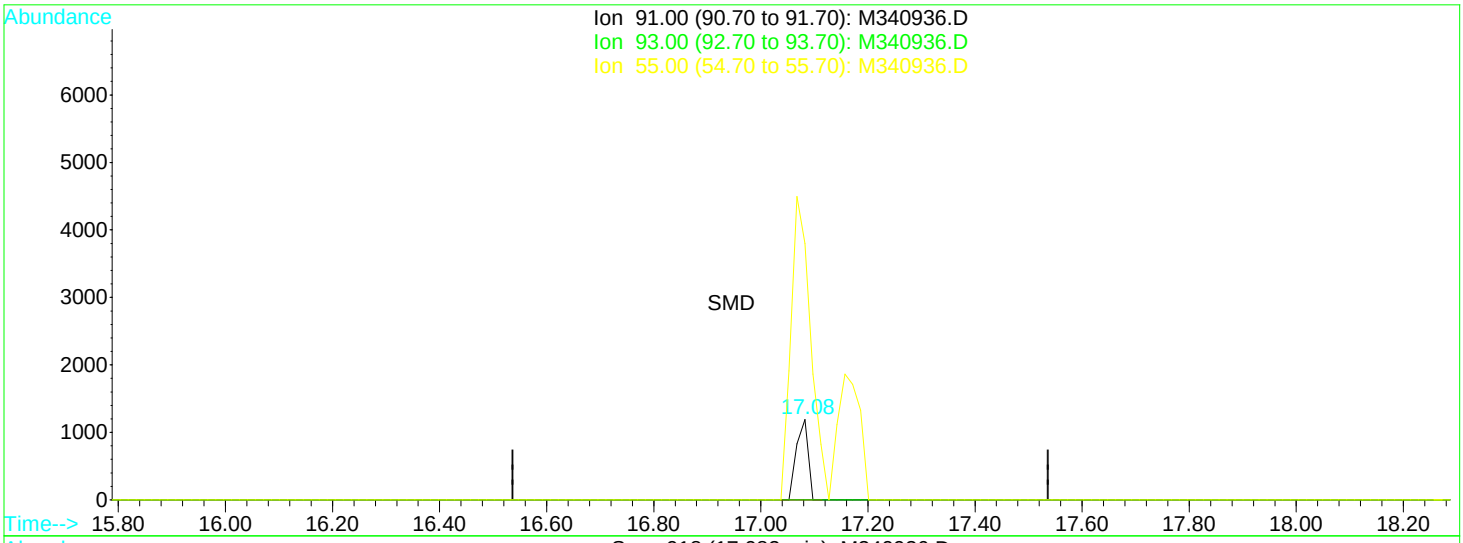
response 1579

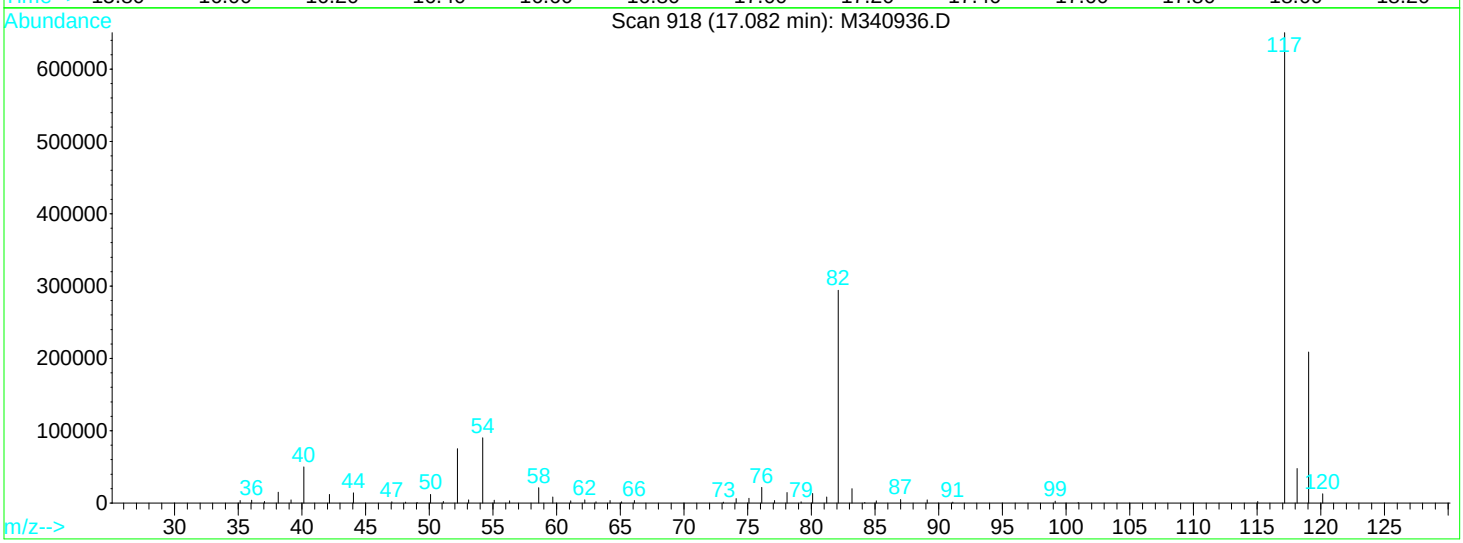
Ion	Exp%	Act%
43.00	100	100
58.00	50.60	0.00#
57.00	15.20	0.00
100.00	11.20	96.39#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340936.D

(66) 1-Chlorohexane

17.08min 0.09ug/l

response 1804

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	318.72#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:29 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

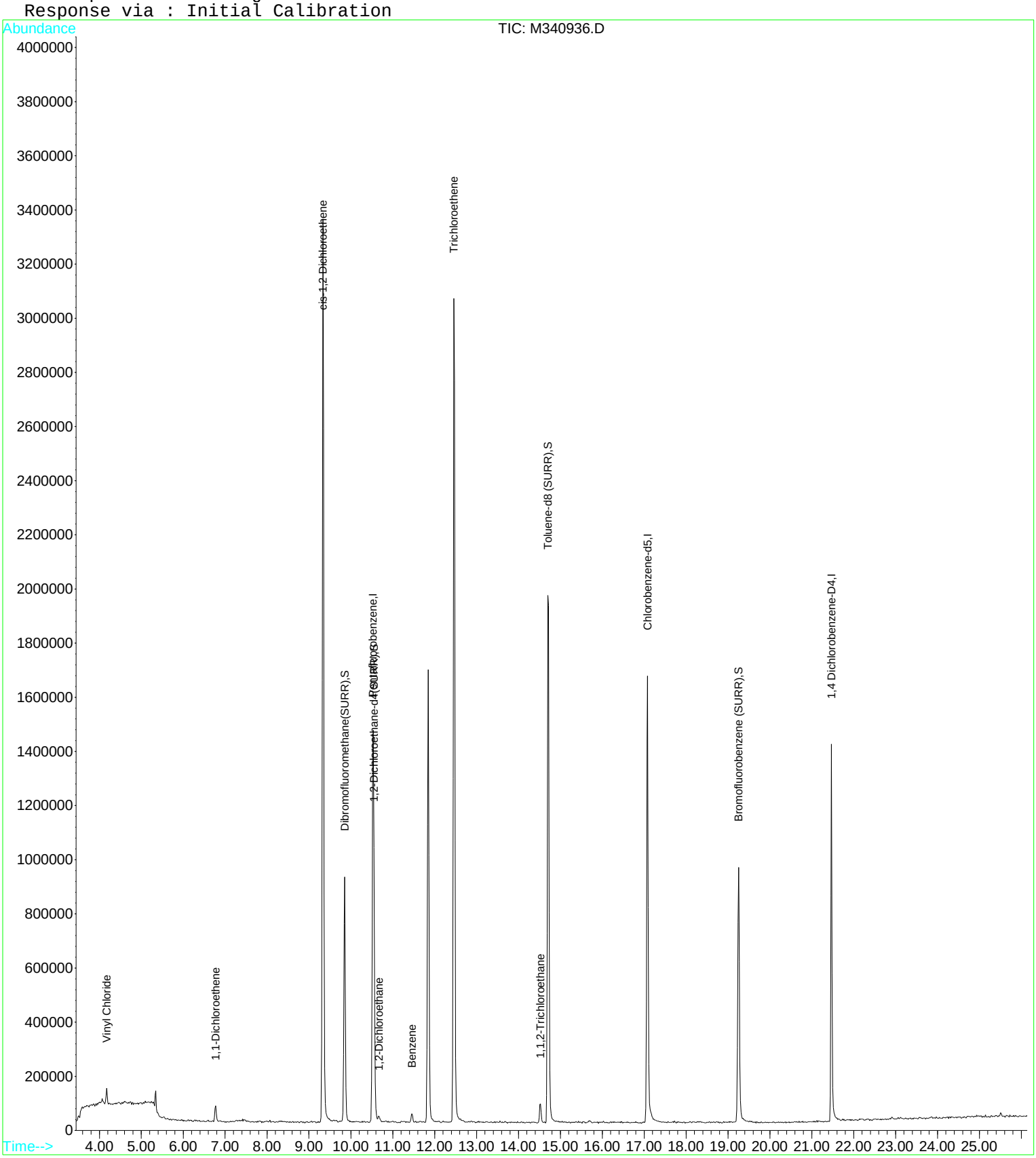
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1199440	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1641421	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	525660	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	776052	23.02	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.08%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	520990	21.64	ug/l	0.00
Spiked Amount 25.000			Recovery = 86.56%			
59) Toluene-d8 (SURR)	14.70	98	2052124	26.50	ug/l	-0.01
Spiked Amount 25.000			Recovery = 106.00%			
75) Bromofluorobenzene (SURR)	19.25	95	615501	23.49	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.96%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	50022	1.98	ug/l	82
16) 1,1-Dichloroethene	6.77	96	32311	1.29	ug/l	94
27) cis-1,2 Dichloroethene	9.33	96	2090064	62.92	ug/l	100
40) Benzene	11.46	78	37946	0.38	ug/l	100
42) 1,2-Dichloroethane	10.67	62	18780	0.65	ug/l	90
44) Trichloroethene	12.46	95	1441864	52.16	ug/l	93
56) 1,1,2-Trichloroethane	14.52	83	30404	1.32	ug/l	95

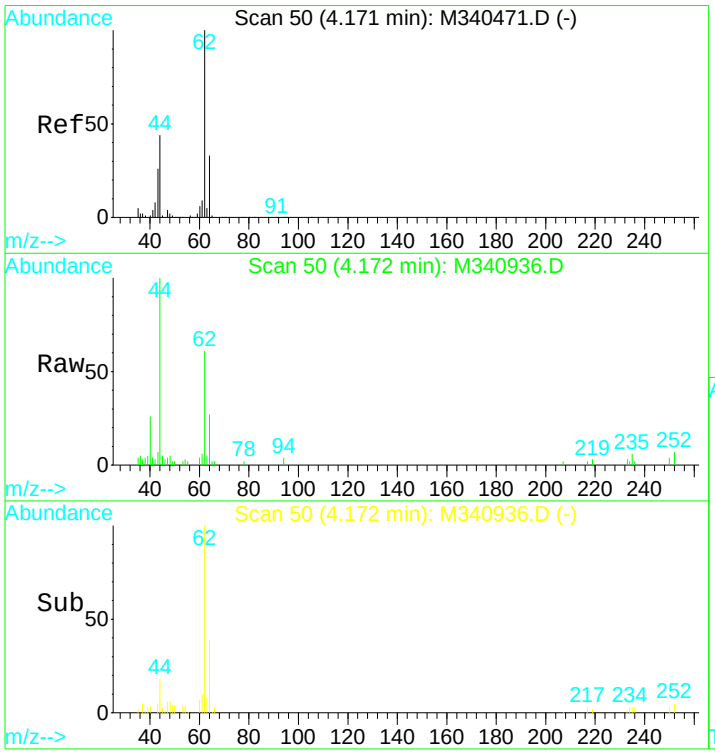
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340936.D Vial: 17
Acq On : 12 Aug 2010 4:51 pm Operator: MD
Sample : 1008142-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:29 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

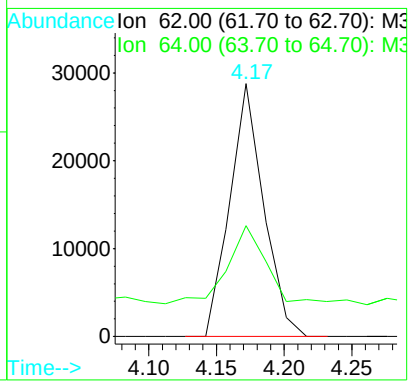


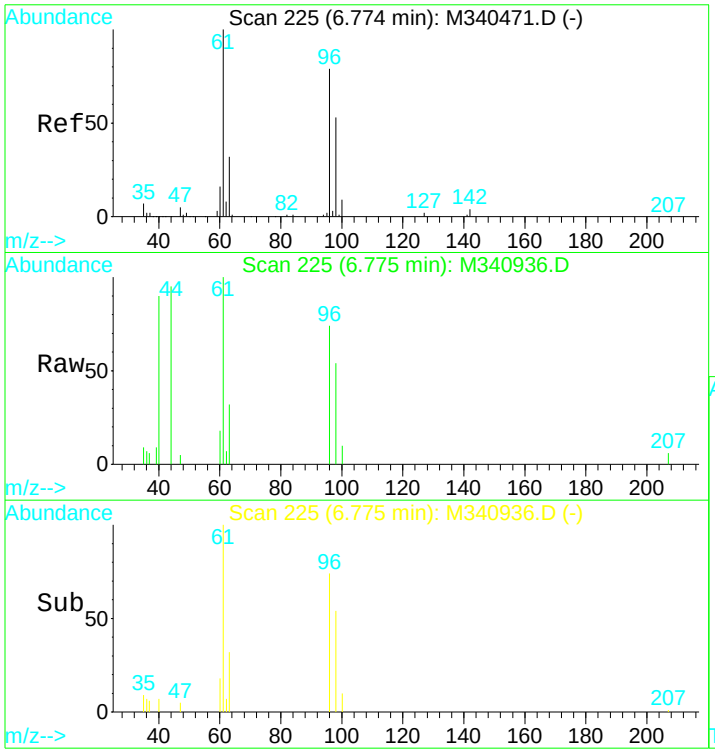


#4
Vinyl Chloride
Concen: 1.98 ug/l
RT: 4.17 min Scan# 50
Delta R.T. 0.00 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 62 Resp: 50022

Ion	Ratio	Lower	Upper
62	100		
64	43.8	3.4	63.4

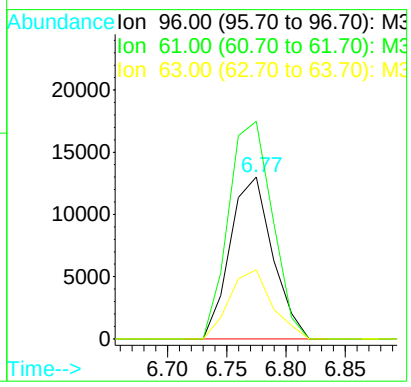


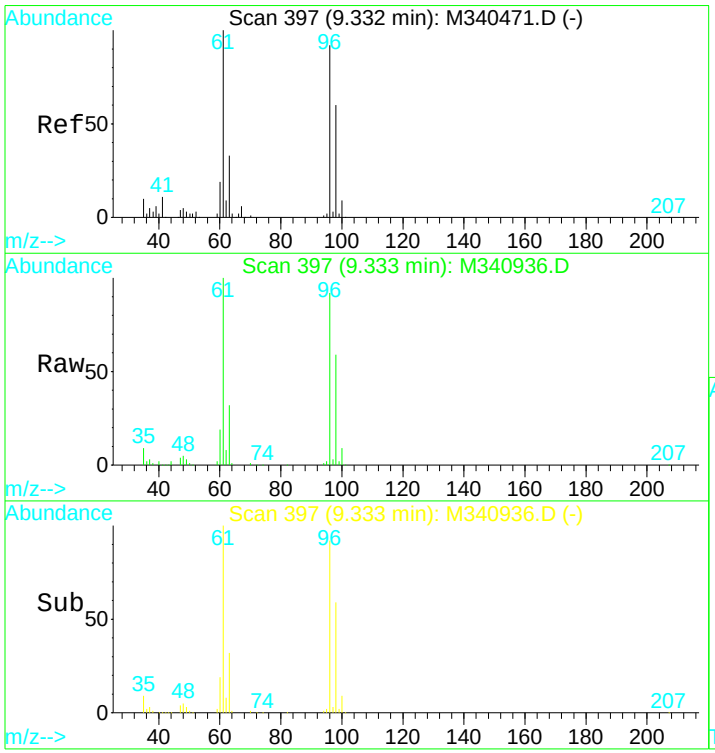


#16
1,1-Dichloroethene
Concen: 1.29 ug/l
RT: 6.77 min Scan# 225
Delta R.T. 0.00 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 96 Resp: 32311

Ion	Ratio	Lower	Upper
96	100		
61	134.3	96.7	156.7
63	42.6	10.1	70.1

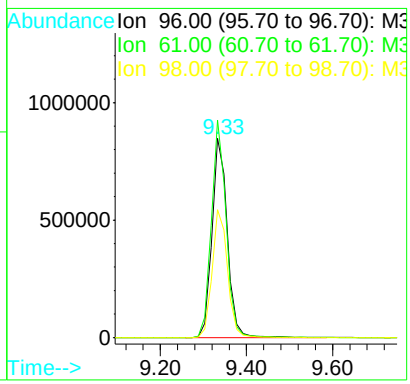


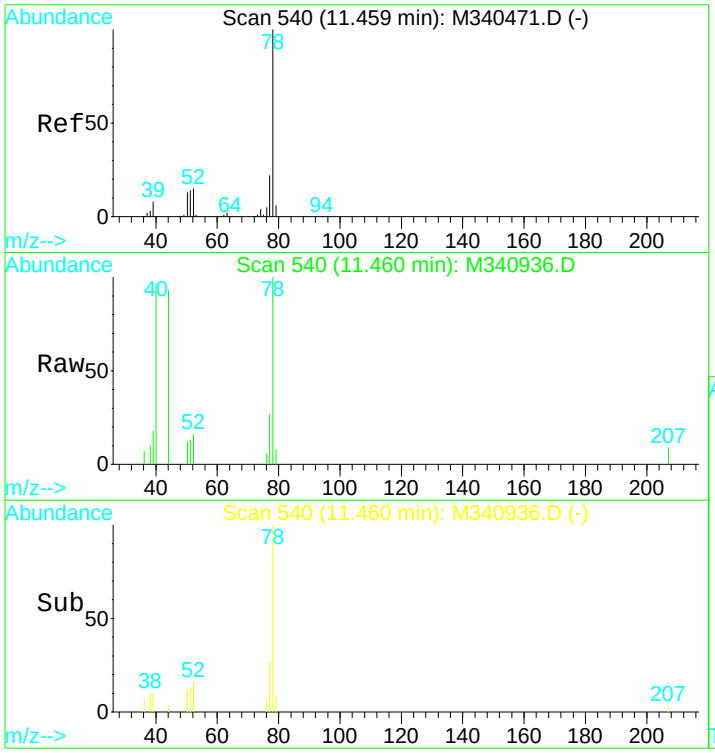


#27
cis-1,2 Dichloroethene
Concen: 62.92 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 96 Resp: 2090064

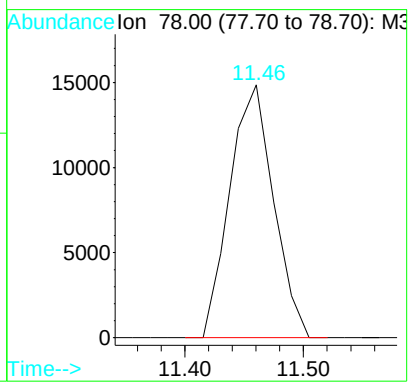
Ion	Ratio	Lower	Upper
96	100		
61	109.2	79.2	139.2
98	64.3	35.1	95.1

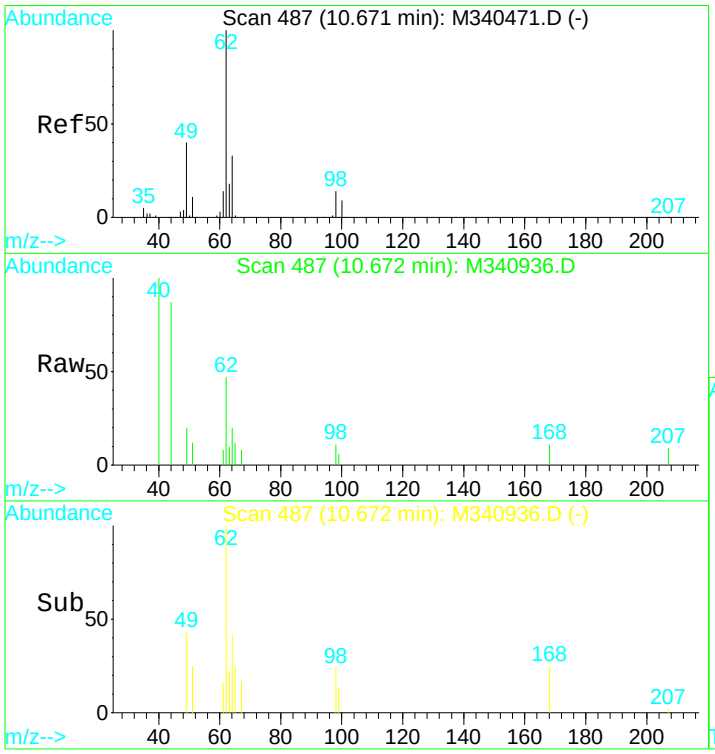




#40
Benzene
Concen: 0.38 ug/l
RT: 11.46 min Scan# 540
Delta R.T. 0.00 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 78 Resp: 37946

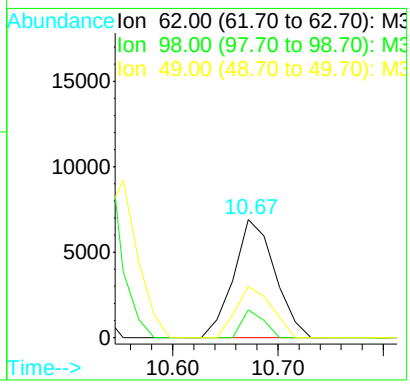


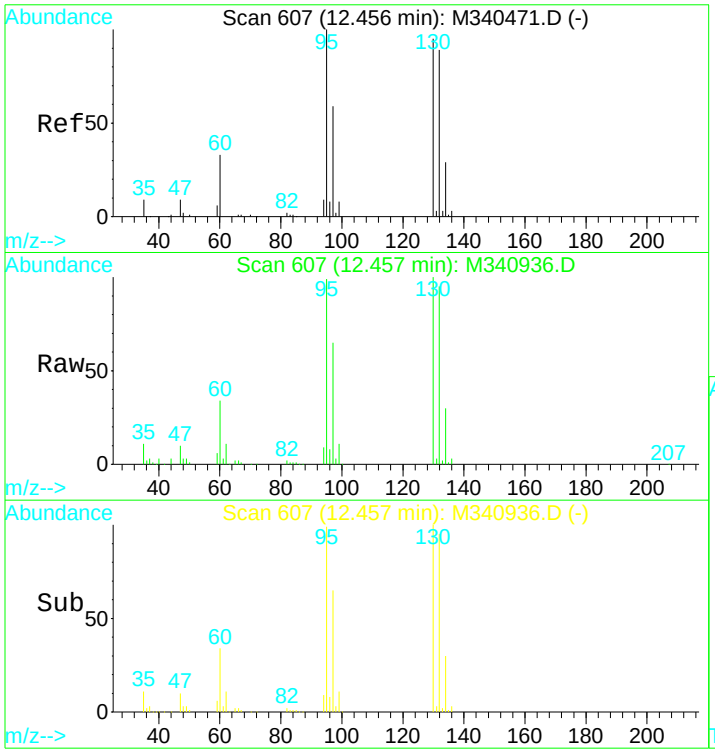


#42
1,2-Dichloroethane
Concen: 0.65 ug/l
RT: 10.67 min Scan# 487
Delta R.T. 0.00 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 62 Resp: 18780

Ion	Ratio	Lower	Upper
62	100		
98	23.5	0.0	44.1
49	43.2	9.8	69.8

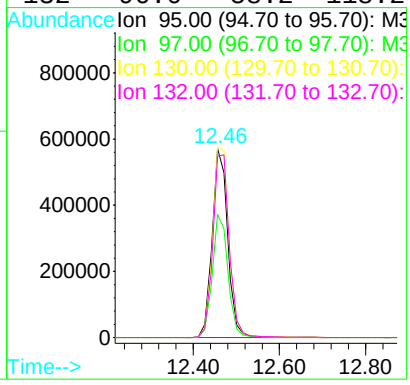


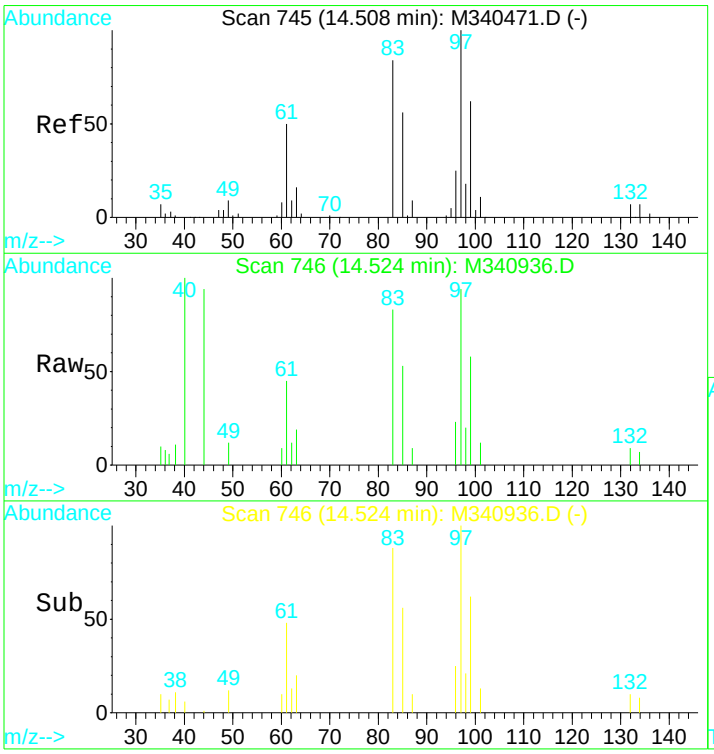


#44
Trichloroethene
Concen: 52.16 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 95 Resp: 1441864

Ion	Ratio	Lower	Upper
95	100		
97	65.0	31.8	91.8
130	100.8	64.0	124.0
132	96.0	58.2	118.2

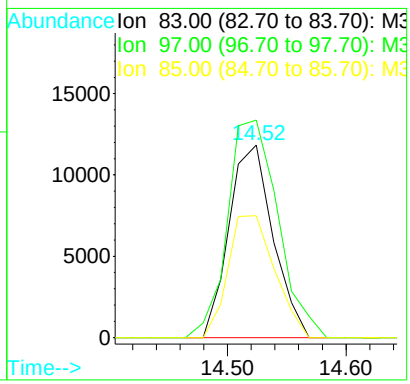




#56
1,1,2-Trichloroethane
Concen: 1.32 ug/l
RT: 14.52 min Scan# 746
Delta R.T. 0.02 min
Lab File: M340936.D
Acq: 12 Aug 2010 4:51 pm

Tgt Ion: 83 Resp: 30404

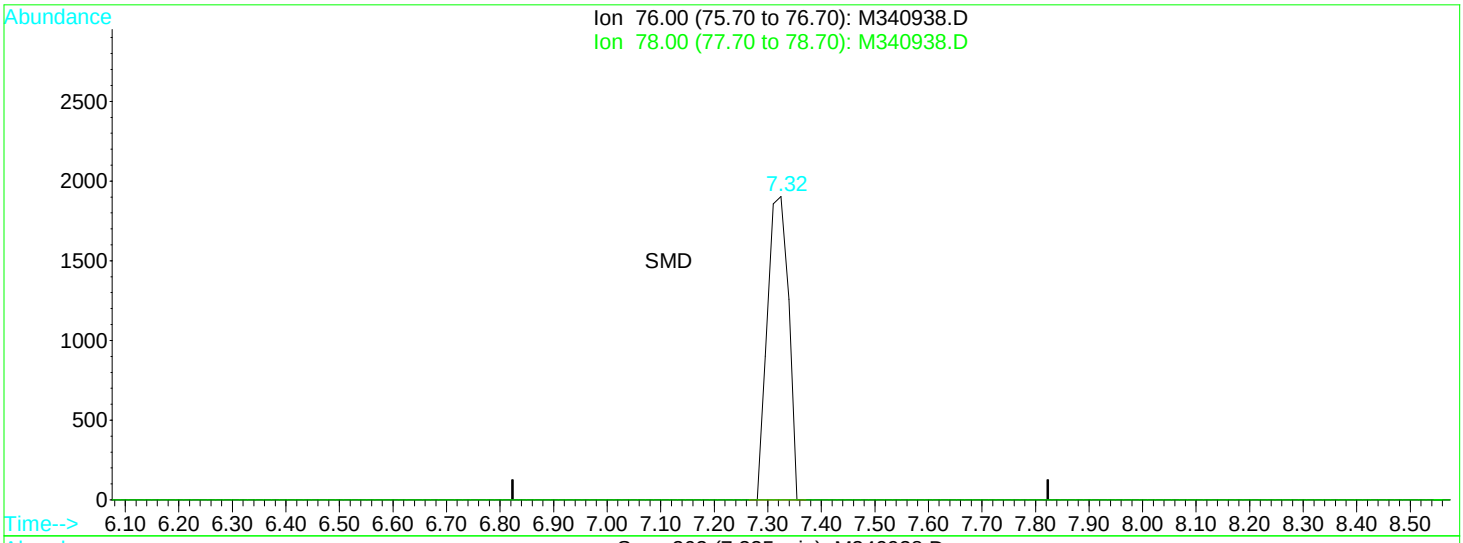
Ion	Ratio	Lower	Upper
83	100		
97	113.1	88.5	148.5
85	63.3	36.8	96.8

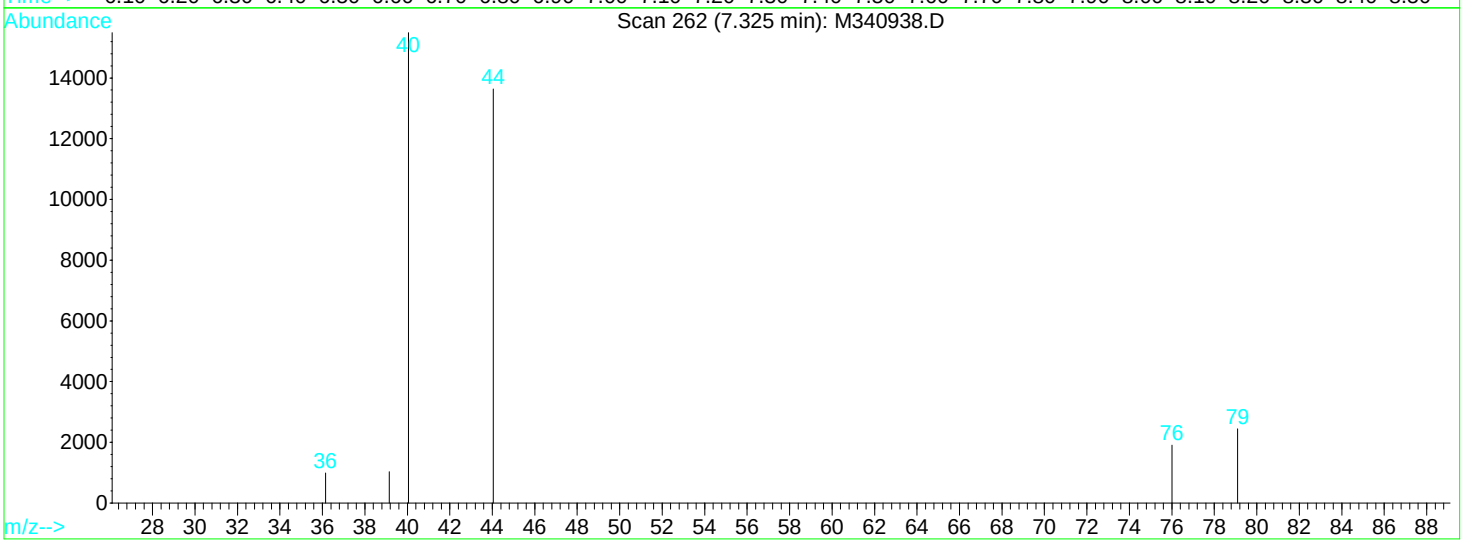


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(15) Carbon Disulfide

7.32min 0.07ug/l

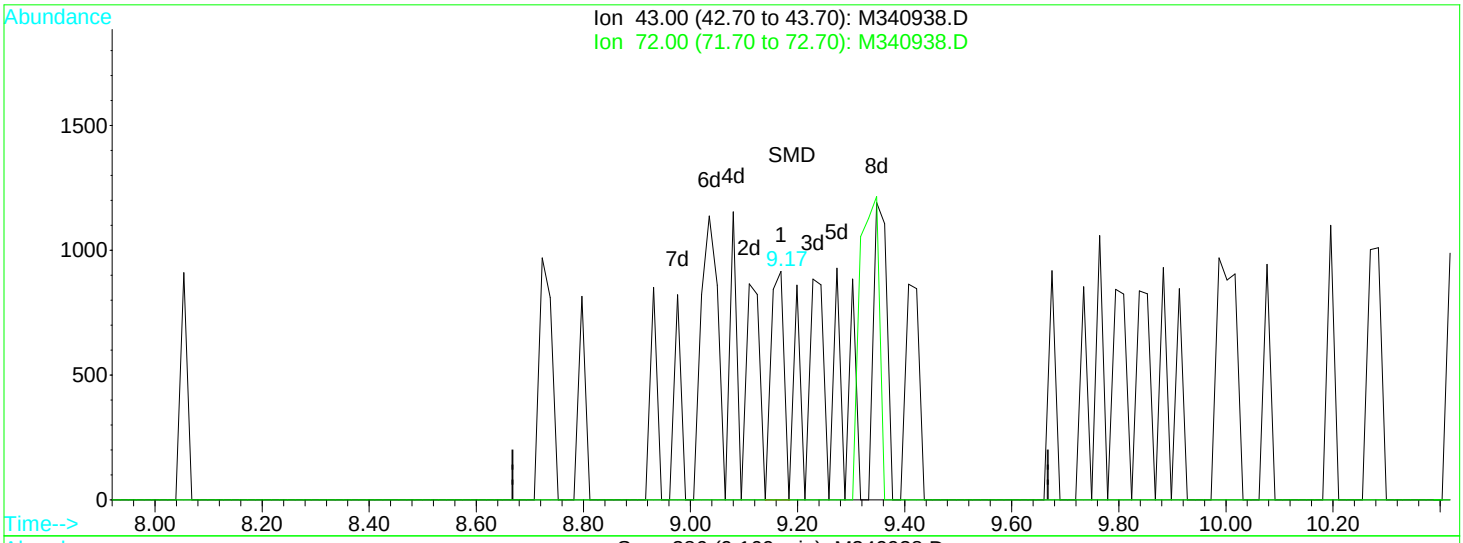
response 5283

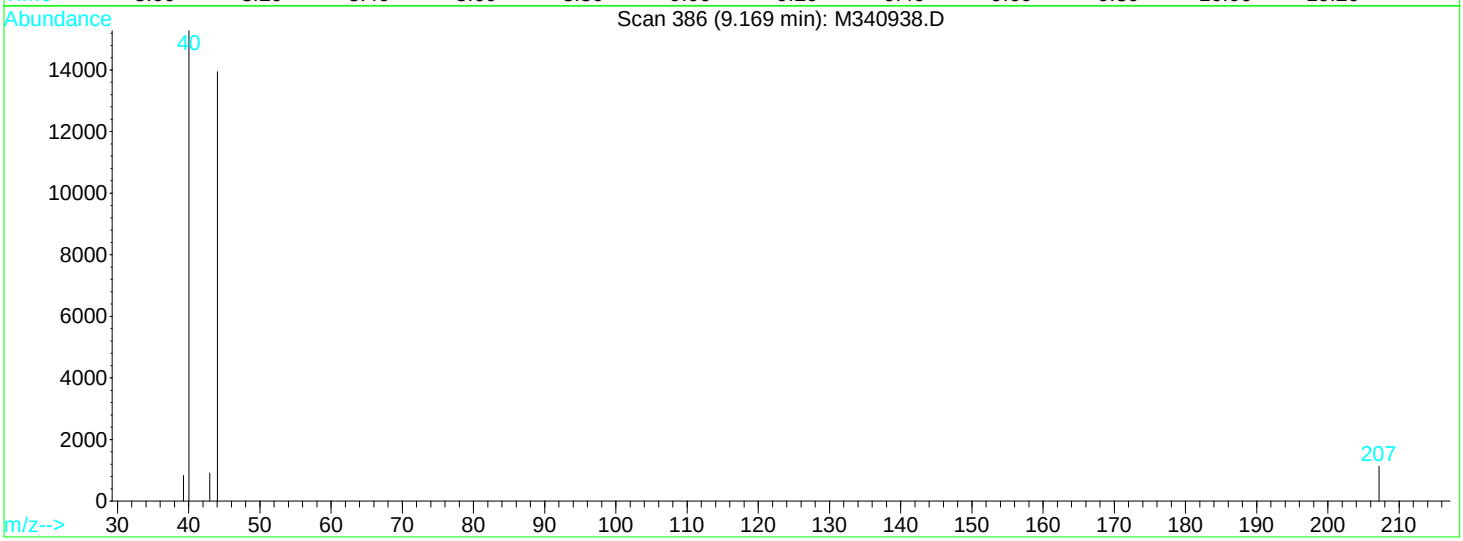
Ion	Exp%	Act%
76.00	100	100
78.00	9.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(24) 2-Butanone

9.17min 0.08ug/l

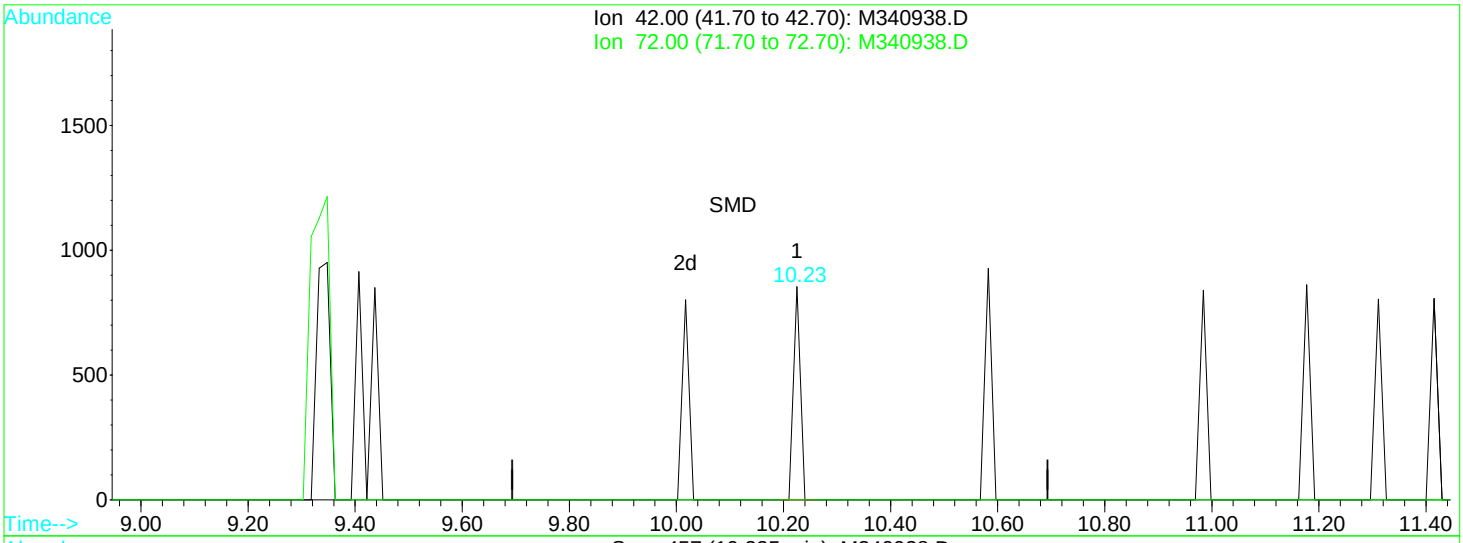
response 1571

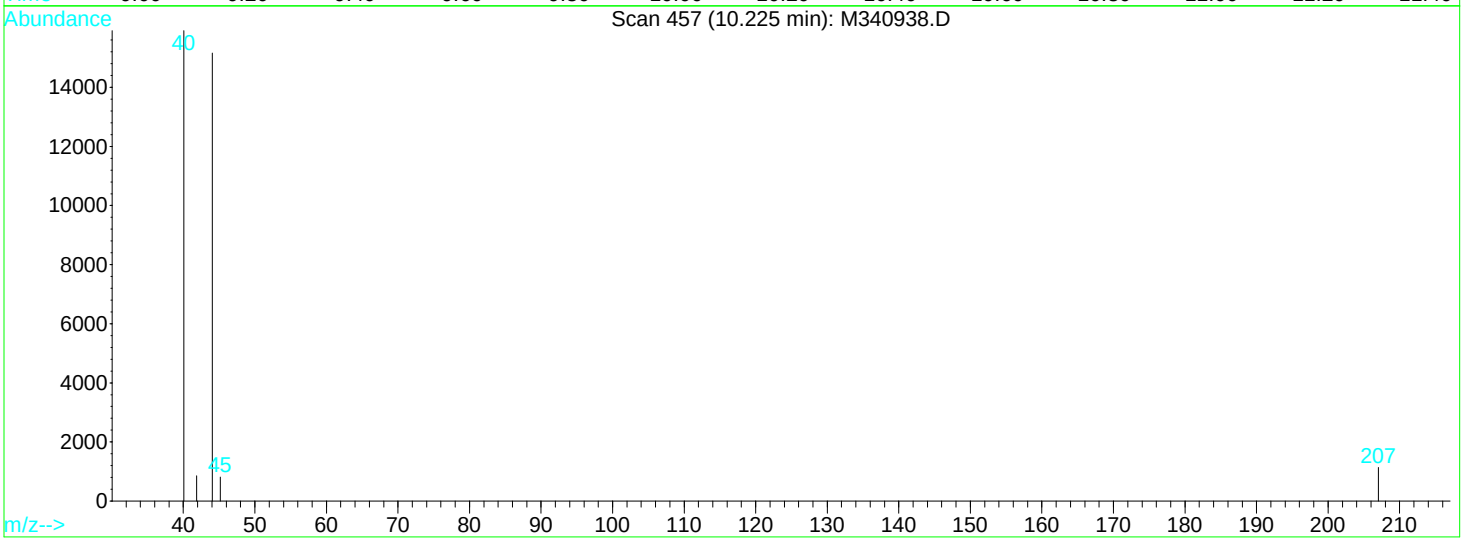
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(32) Tetrahydrofuran

10.23min 0.10ug/l

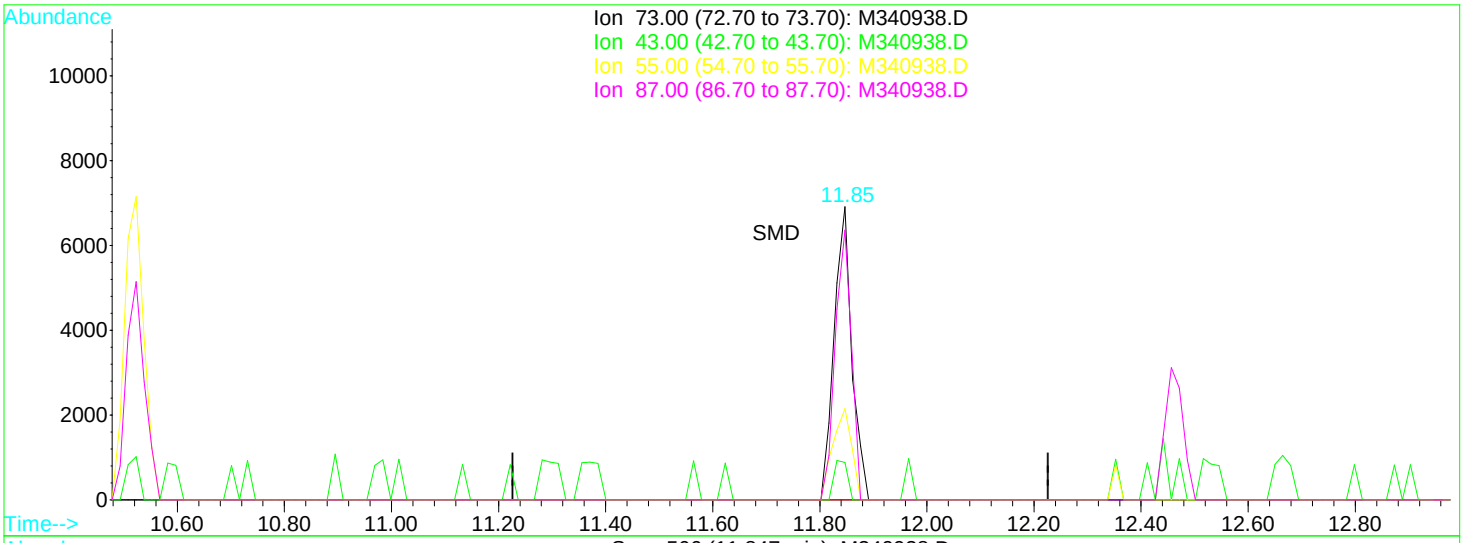
response 762

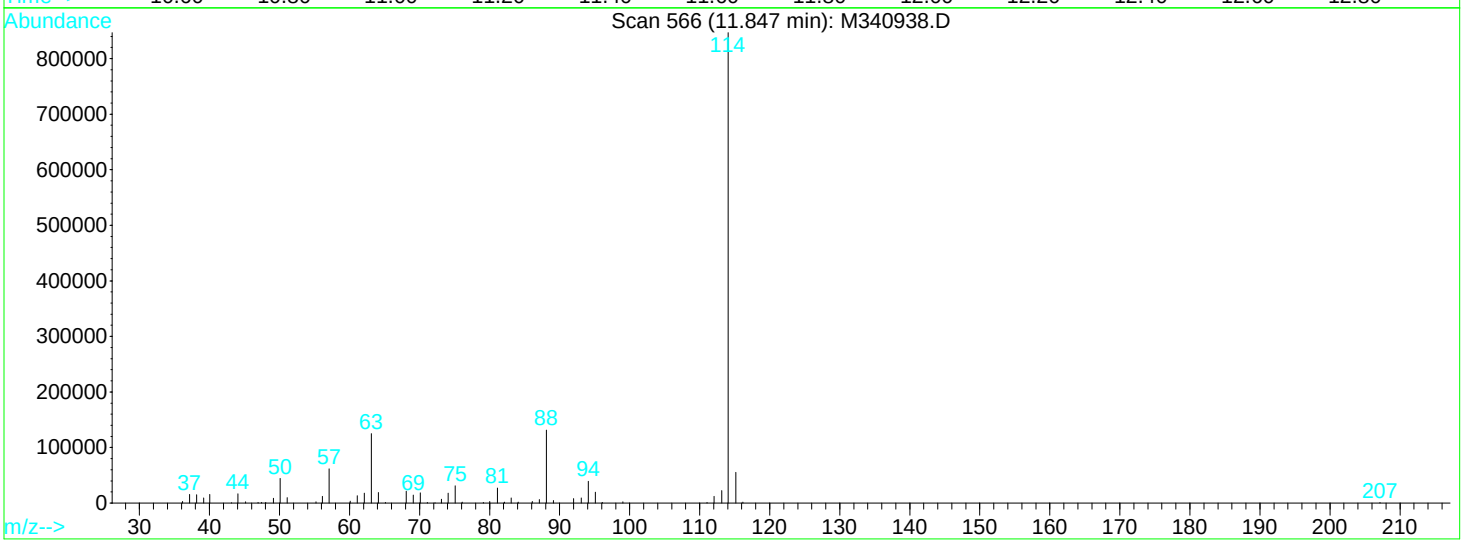
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(43) Tertiary-amyl methyl ether

11.85min 0.26ug/l

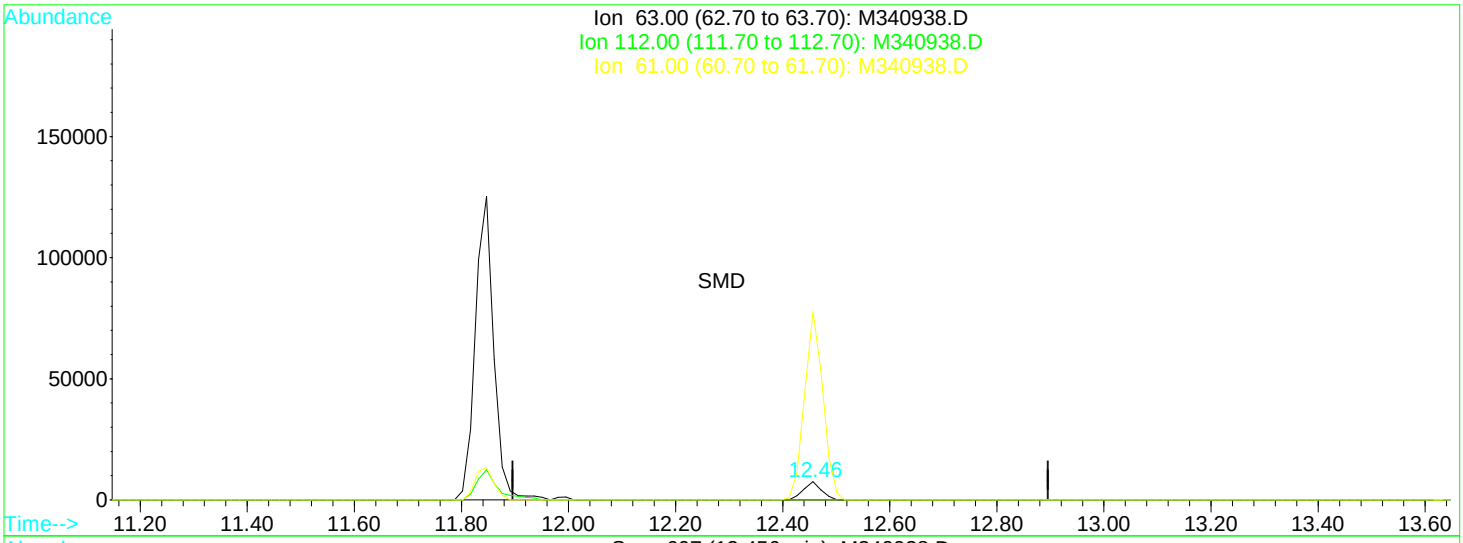
response 16006

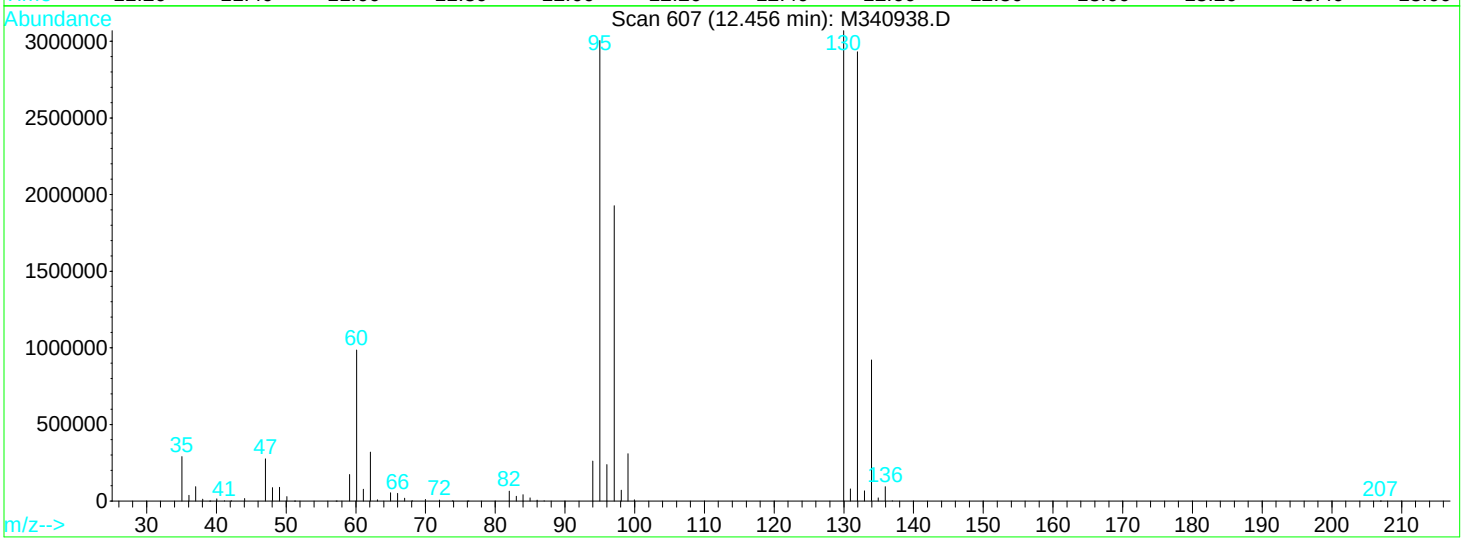
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	12.81
55.00	29.80	31.11
87.00	22.80	92.03#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(45) 1,2-Dichloropropane

12.46min 0.65ug/l

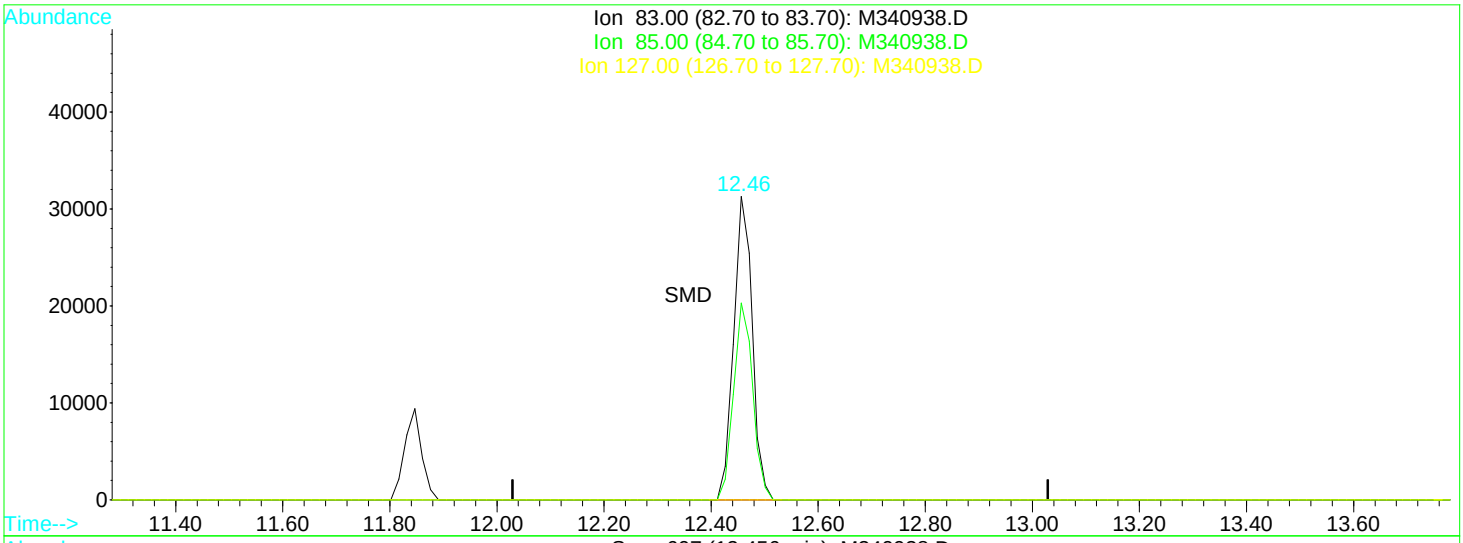
response 17608

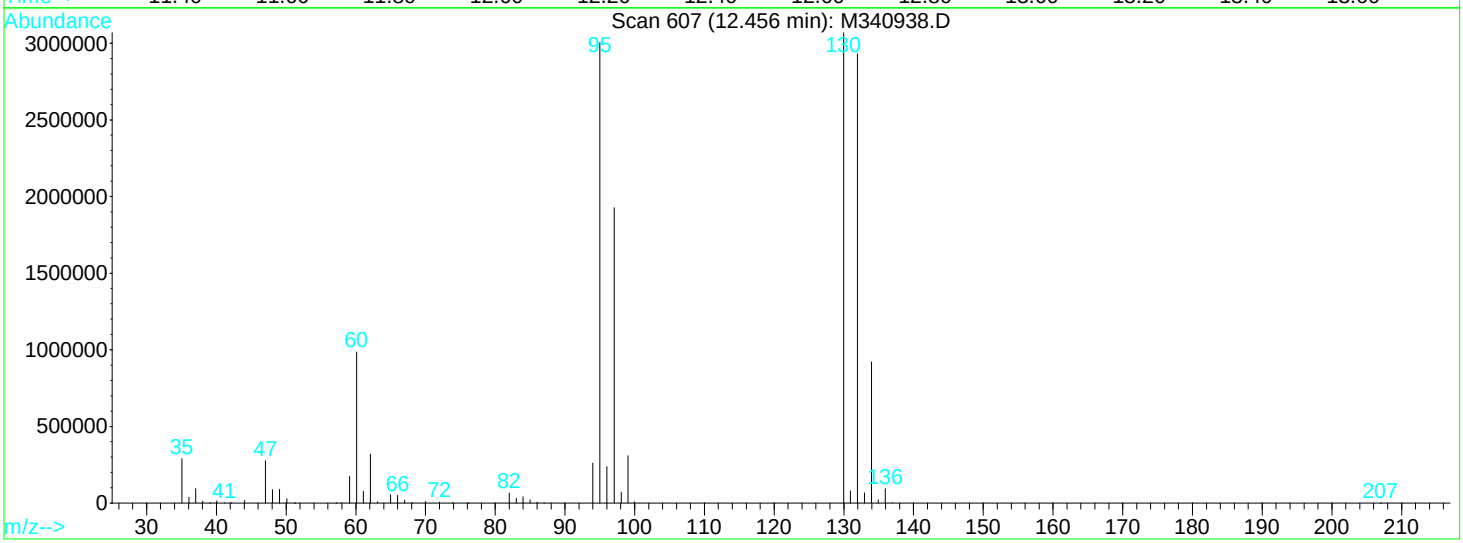
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	1023.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(48) Bromodichloromethane

12.46min 2.28ug/l

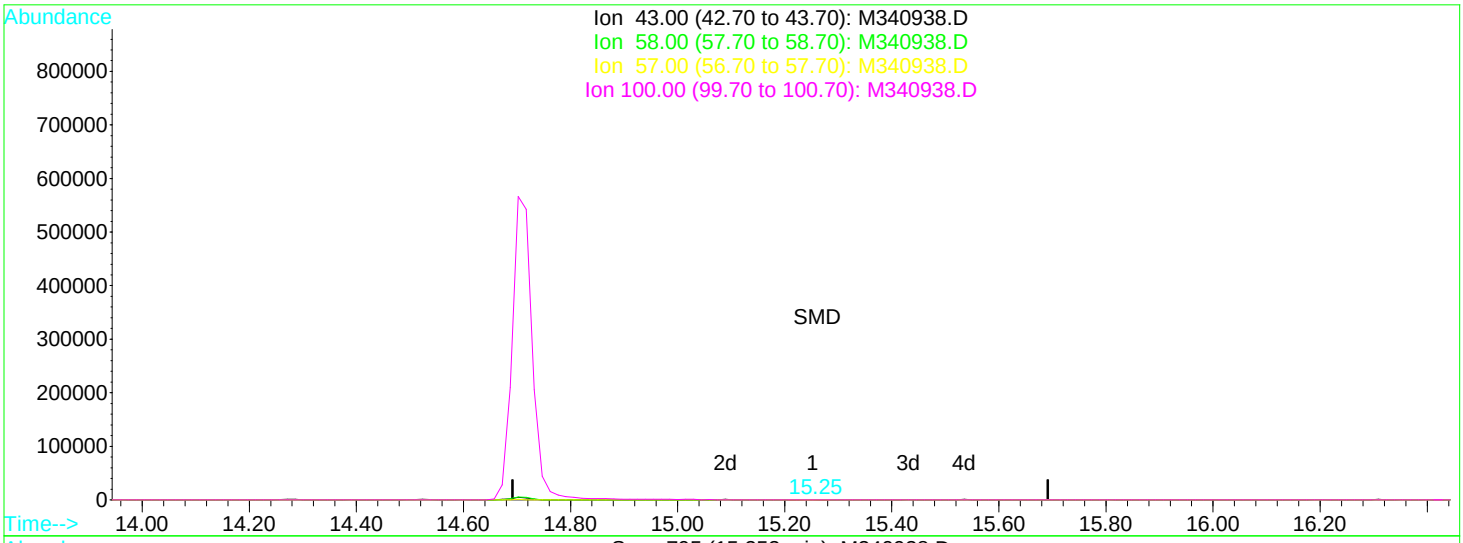
response 75044

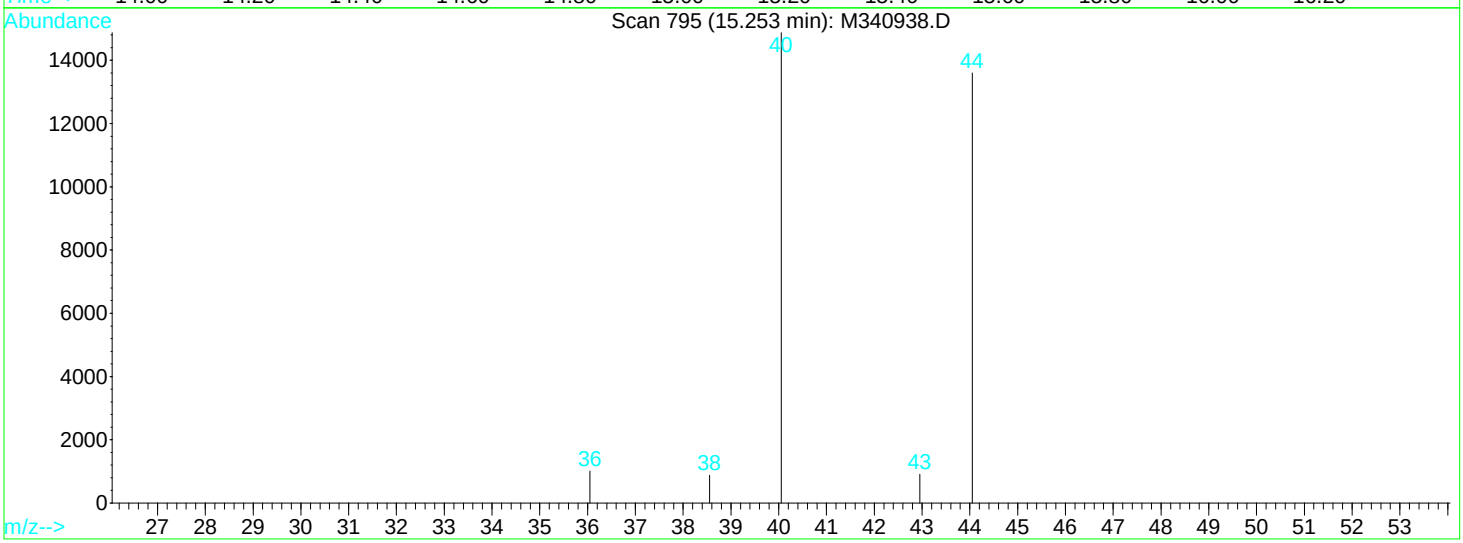
Ion	Exp%	Act%
83.00	100	100
85.00	63.30	64.83
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:31 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(61) 2-Hexanone

15.25min 0.09ug/l

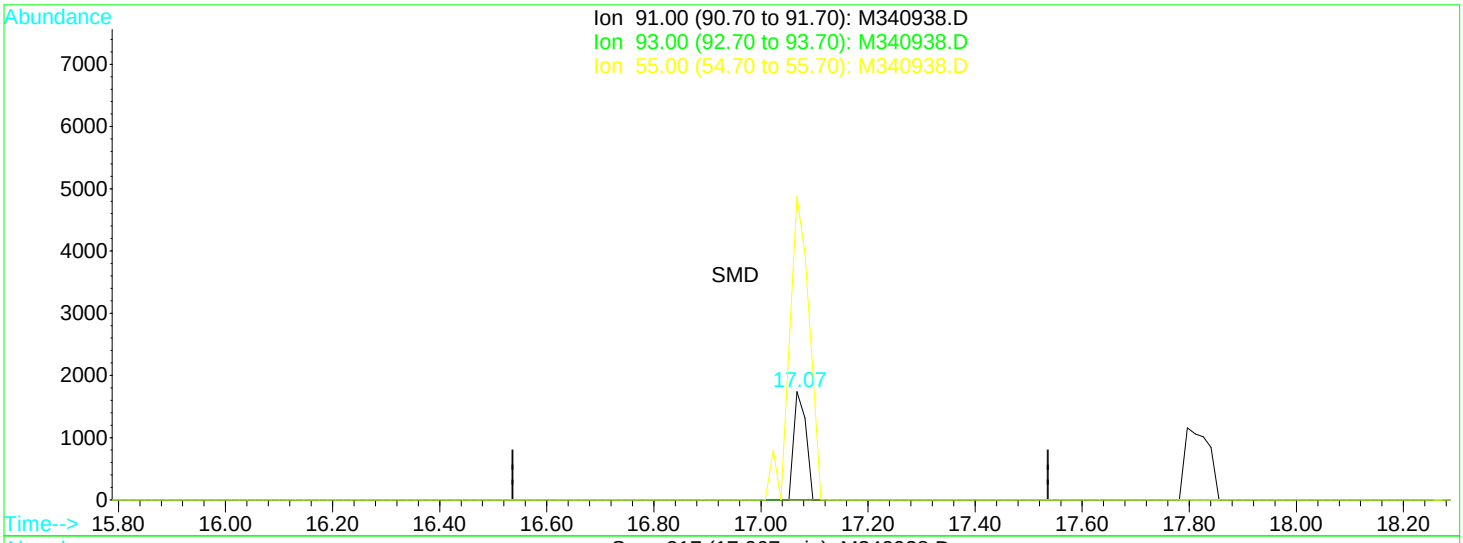
response 1623

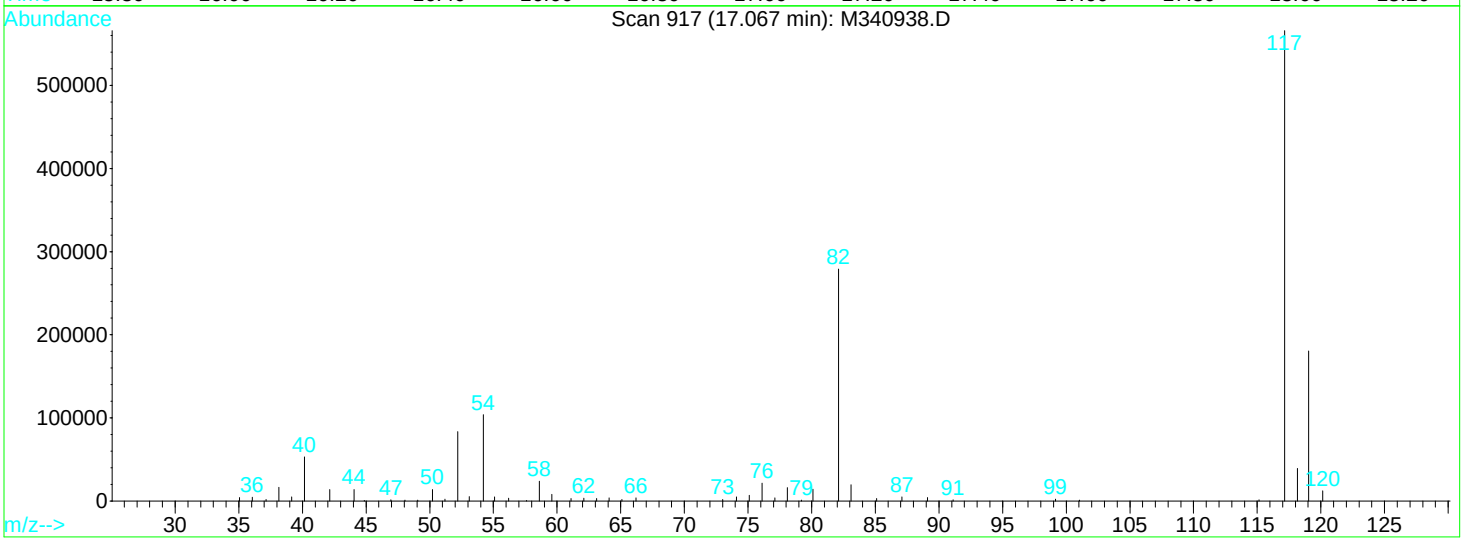
Ion	Exp%	Act%
43.00	100	100
58.00	50.60	0.00#
57.00	15.20	0.00
100.00	11.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:31 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340938.D

(66) 1-Chlorohexane

17.07min 0.13ug/l

response 2723

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	280.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:31 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

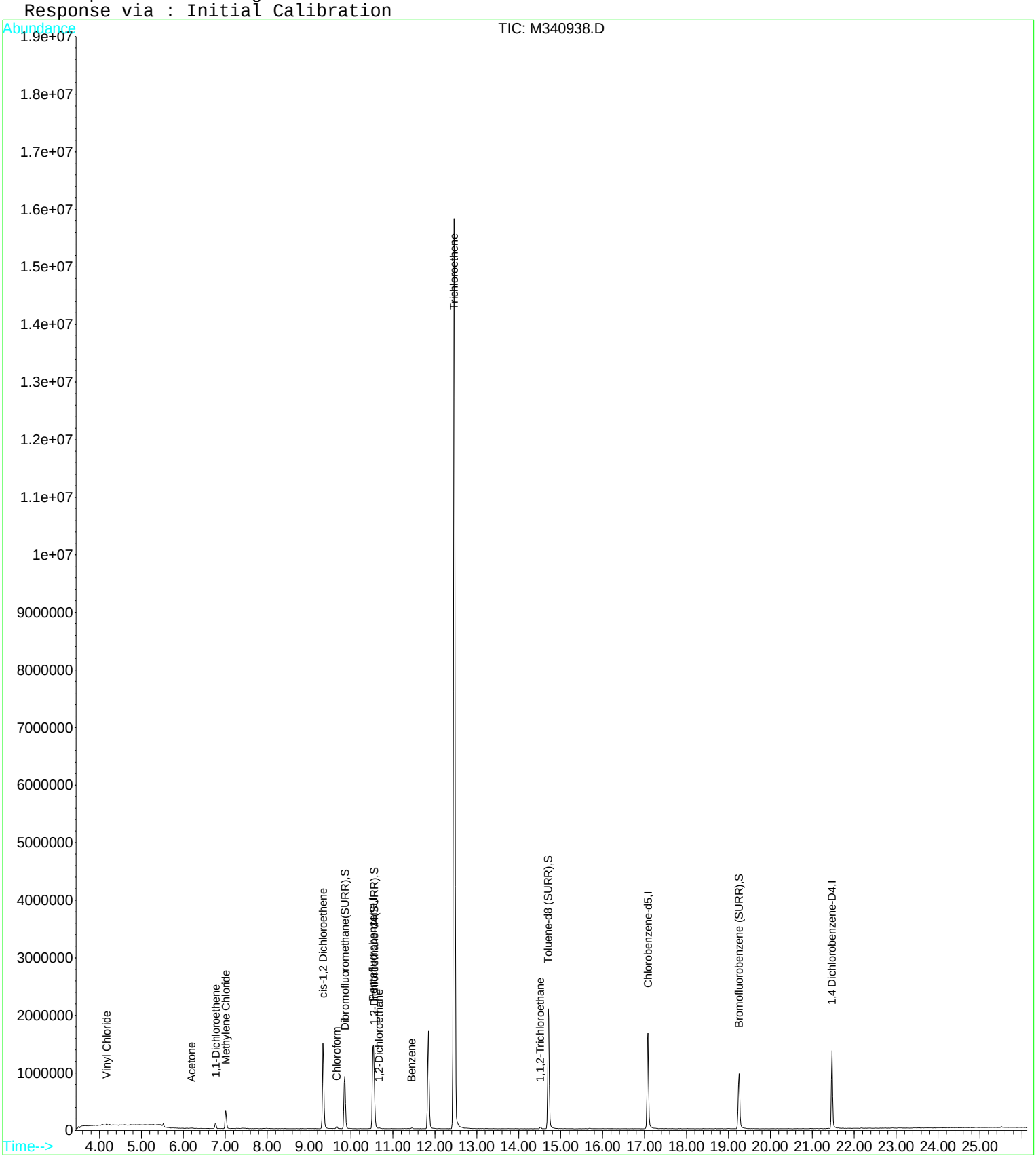
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1213093	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1711280	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	521708	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	789069	23.14	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.56%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	537117	22.06	ug/l	0.00
Spiked Amount 25.000			Recovery = 88.24%			
59) Toluene-d8 (SURR)	14.70	98	2133128	26.43	ug/l	-0.01
Spiked Amount 25.000			Recovery = 105.72%			
75) Bromofluorobenzene (SURR)	19.25	95	634325	23.22	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.88%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	12445	0.49	ug/l	66
10) Acetone	6.19	43	14000	1.91	ug/l	89
16) 1,1-Dichloroethene	6.77	96	58801	2.32	ug/l	98
17) Methylene Chloride	7.01	84	183754	5.52	ug/l	94
27) cis-1,2 Dichloroethene	9.33	96	935005	27.83	ug/l	100
33) Chloroform	9.66	83	35533	0.79	ug/l	89
40) Benzene	11.44	78	19197	0.19	ug/l	100
42) 1,2-Dichloroethane	10.67	62	8704	0.30	ug/l	72
44) Trichloroethene	12.46	95	7172183	256.51	ug/l	92
56) 1,1,2-Trichloroethane	14.51	83	13447	0.58	ug/l	76

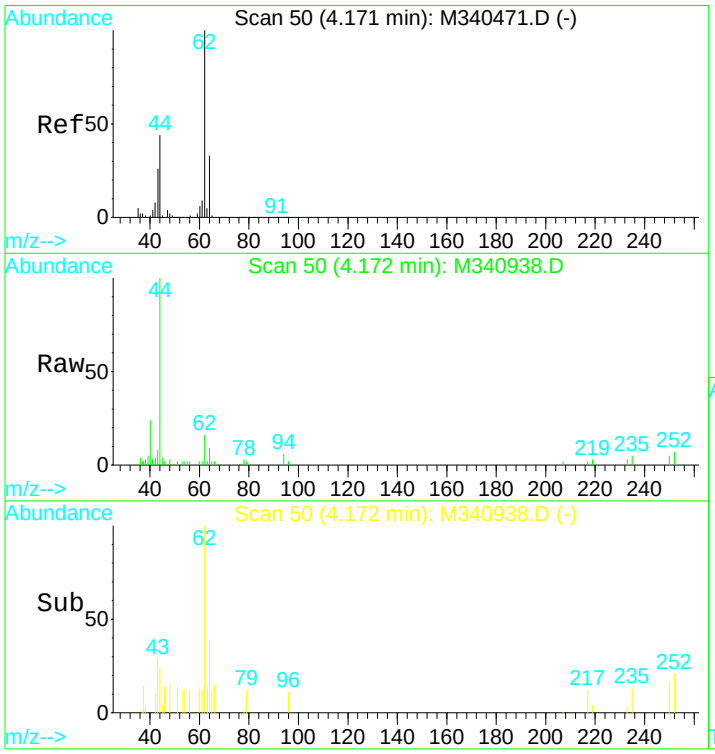
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340938.D Vial: 19
Acq On : 12 Aug 2010 5:55 pm Operator: MD
Sample : 1008142-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:31 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

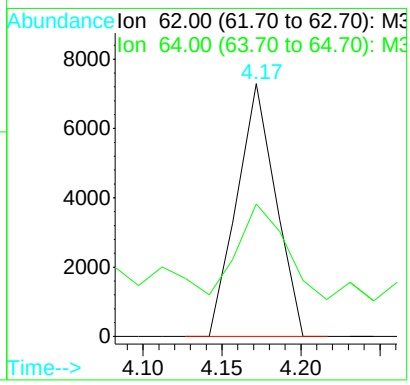


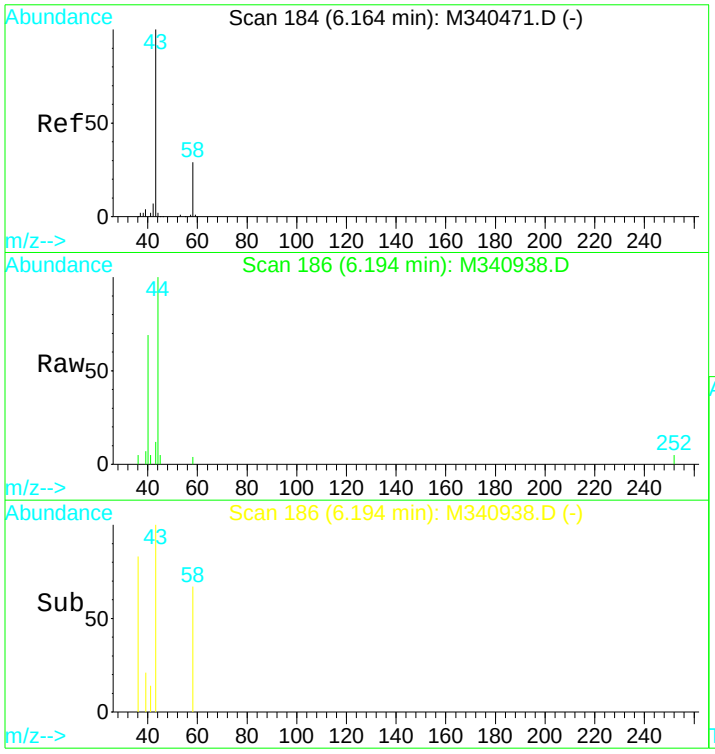


#4
Vinyl Chloride
Concen: 0.49 ug/l
RT: 4.17 min Scan# 50
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 62 Resp: 12445

Ion	Ratio	Lower	Upper
62	100		
64	52.4	3.4	63.4

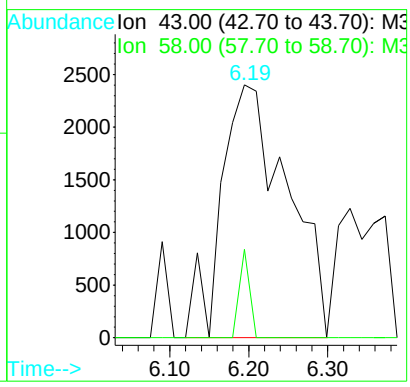


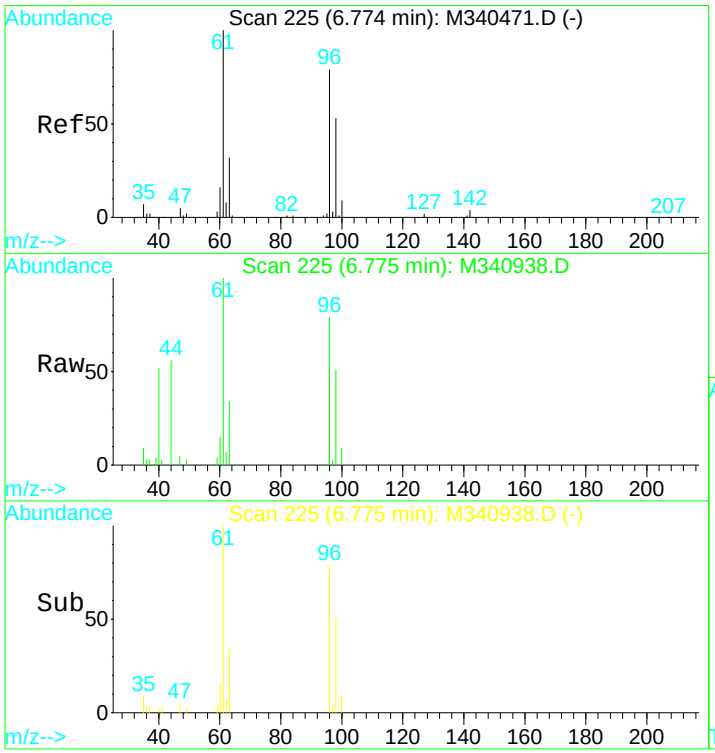


#10
Acetone
Concen: 1.91 ug/l
RT: 6.19 min Scan# 186
Delta R.T. 0.03 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 43 Resp: 14000

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	59.1

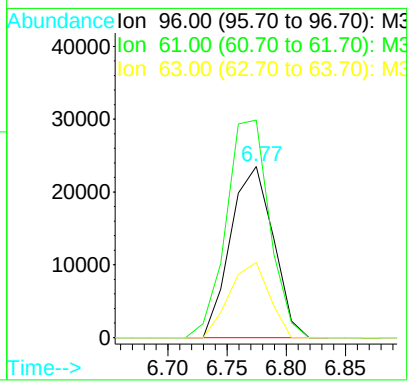


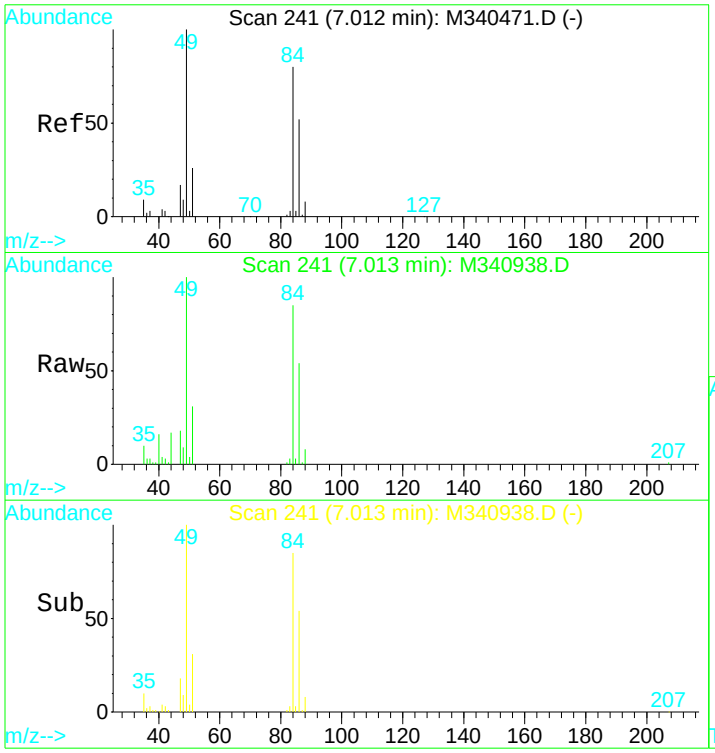


#16
1,1-Dichloroethene
Concen: 2.32 ug/l
RT: 6.77 min Scan# 225
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 96 Resp: 58801

Ion	Ratio	Lower	Upper
96	100		
61	127.1	96.7	156.7
63	43.8	10.1	70.1

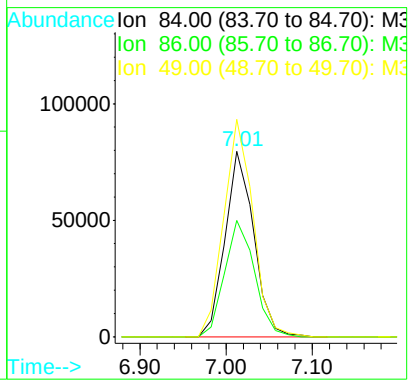


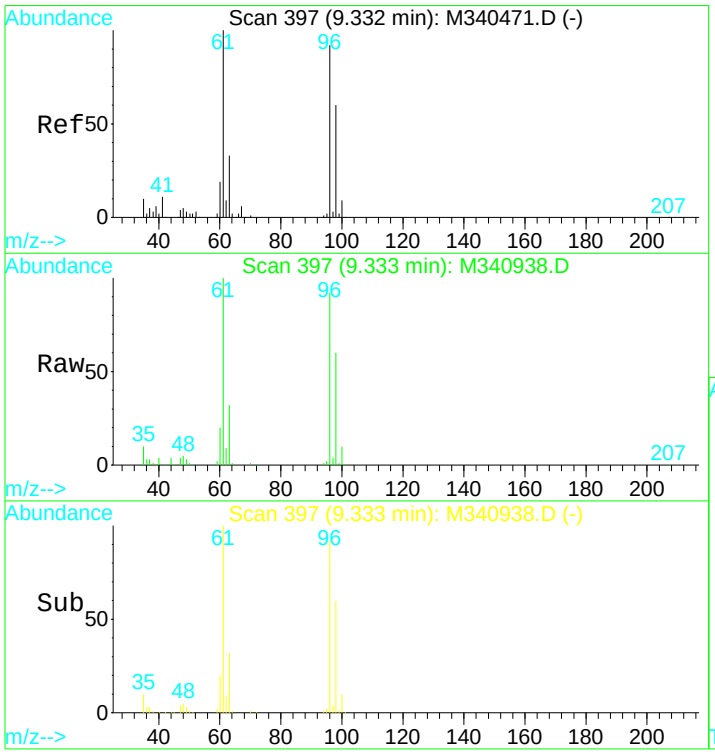


#17
Methylene Chloride
Concen: 5.52 ug/l
RT: 7.01 min Scan# 241
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 84 Resp: 183754

Ion	Ratio	Lower	Upper
84	100		
86	62.8	34.9	94.9
49	117.2	95.2	155.2

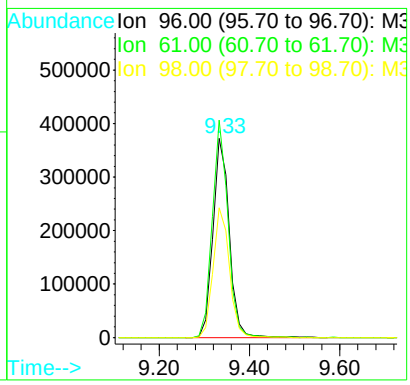


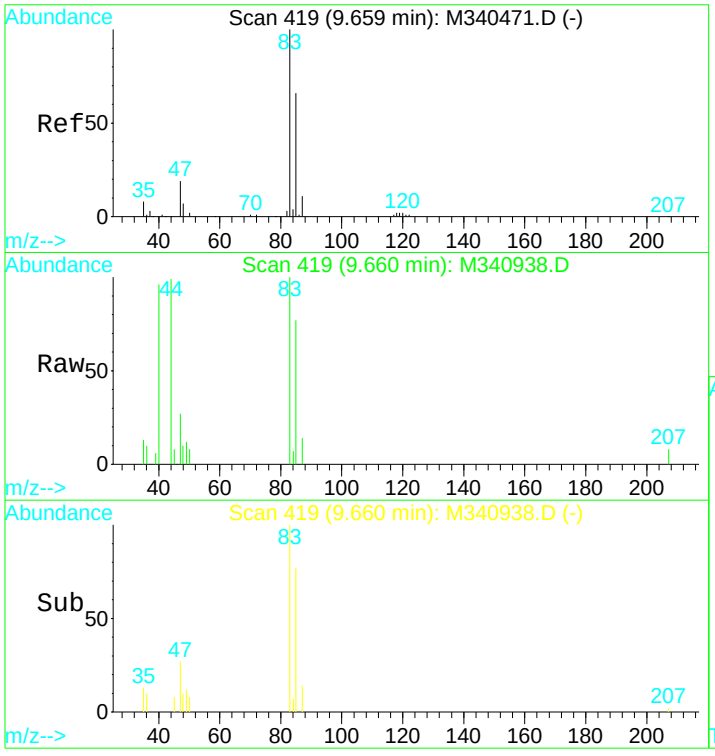


#27
cis-1,2 Dichloroethene
Concen: 27.83 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 96 Resp: 935005

Ion	Ratio	Lower	Upper
96	100		
61	109.2	79.2	139.2
98	65.1	35.1	95.1

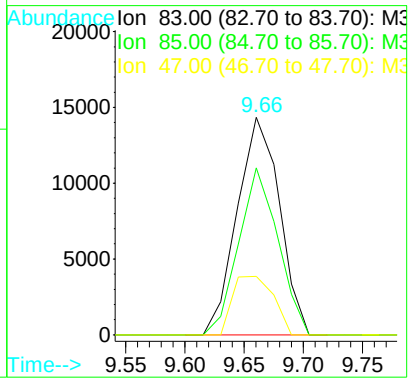


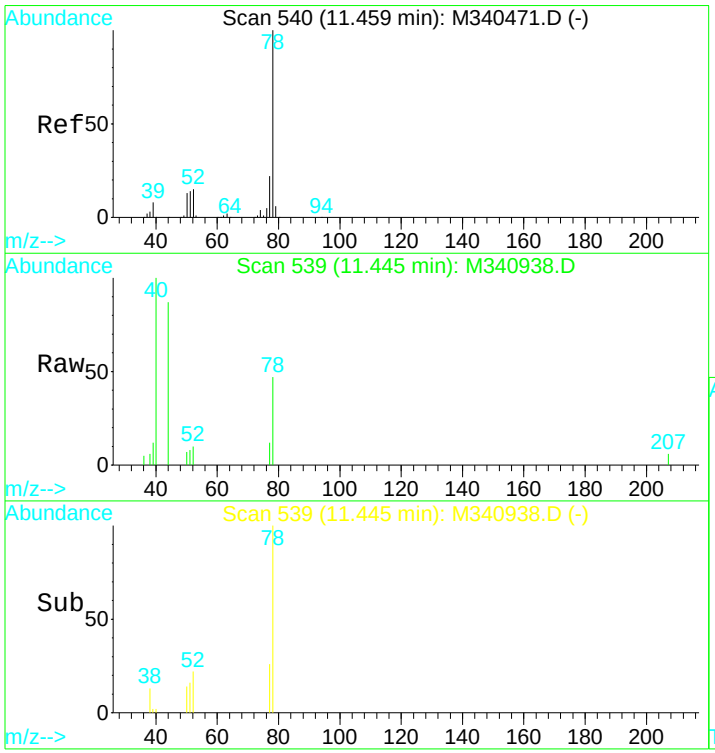


#33
Chloroform
Concen: 0.79 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 83 Resp: 35533

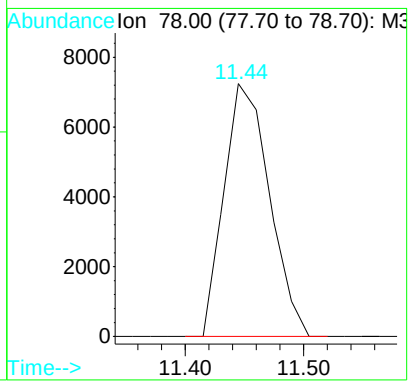
Ion	Ratio	Lower	Upper
83	100		
85	76.7	35.8	95.8
47	26.9	0.0	54.6

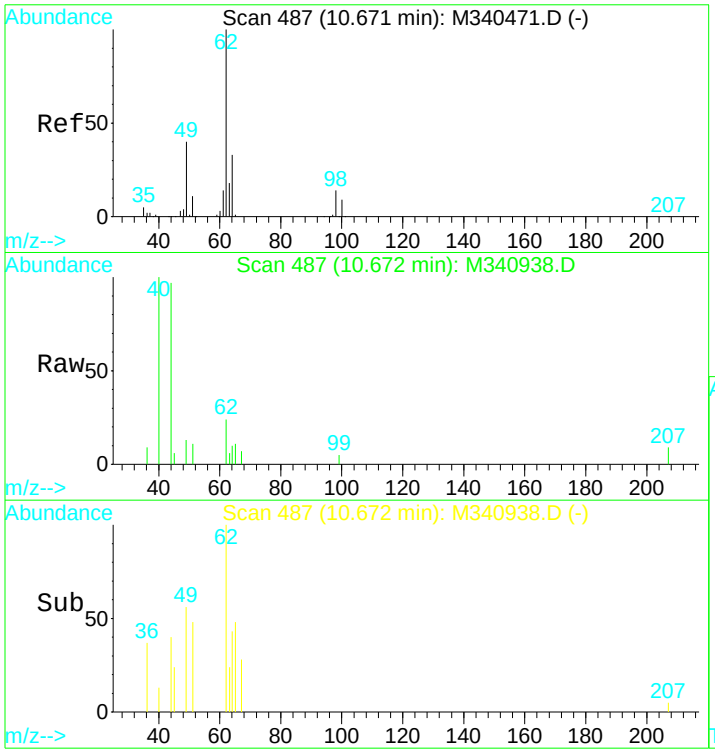




#40
Benzene
Concen: 0.19 ug/l
RT: 11.44 min Scan# 539
Delta R.T. -0.01 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 78 Resp: 19197

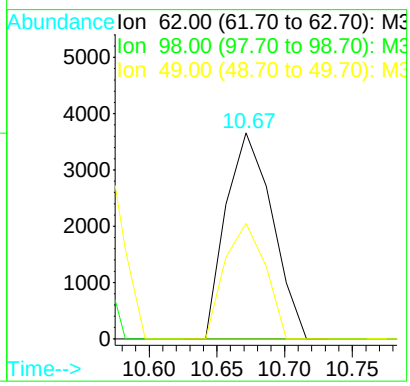


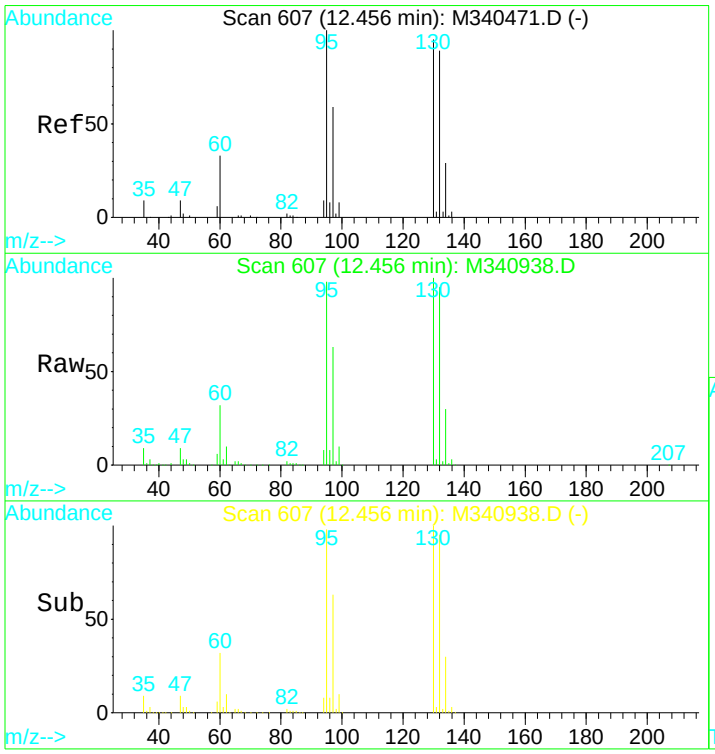


#42
1,2-Dichloroethane
Concen: 0.30 ug/l
RT: 10.67 min Scan# 487
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 62 Resp: 8704

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	44.1
49	56.0	9.8	69.8

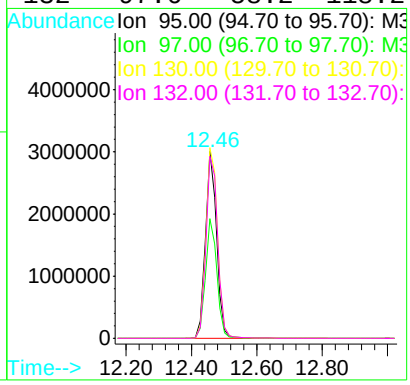


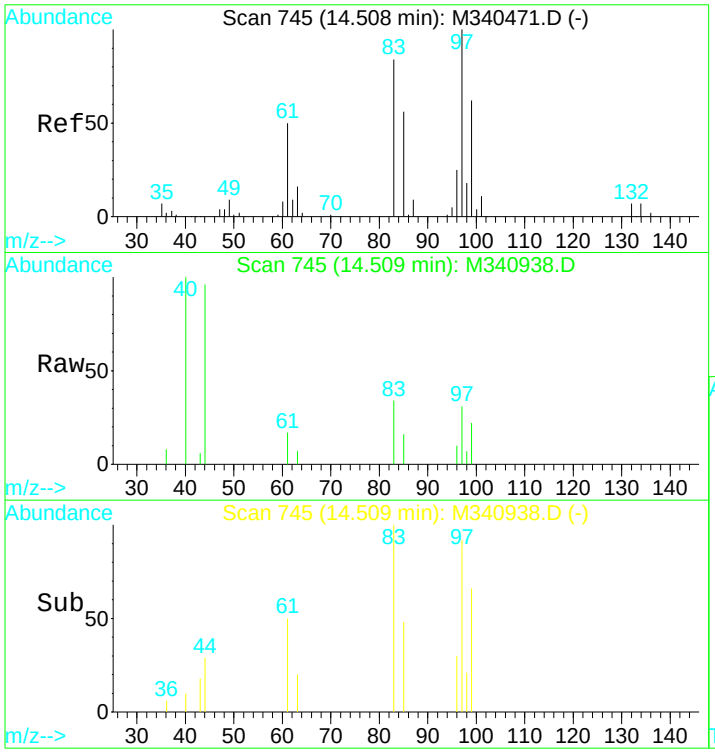


#44
Trichloroethene
Concen: 256.51 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 95 Resp: 7172183

Ion	Ratio	Lower	Upper
95	100		
97	64.2	31.8	91.8
130	102.2	64.0	124.0
132	97.6	58.2	118.2

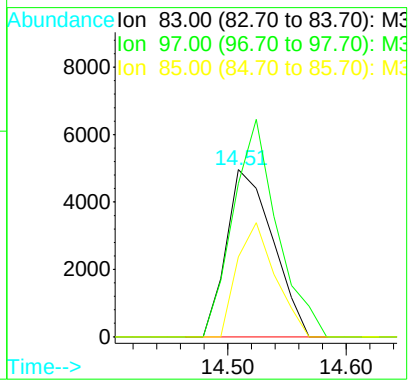




#56
1,1,2-Trichloroethane
Concen: 0.58 ug/l
RT: 14.51 min Scan# 745
Delta R.T. 0.00 min
Lab File: M340938.D
Acq: 12 Aug 2010 5:55 pm

Tgt Ion: 83 Resp: 13447

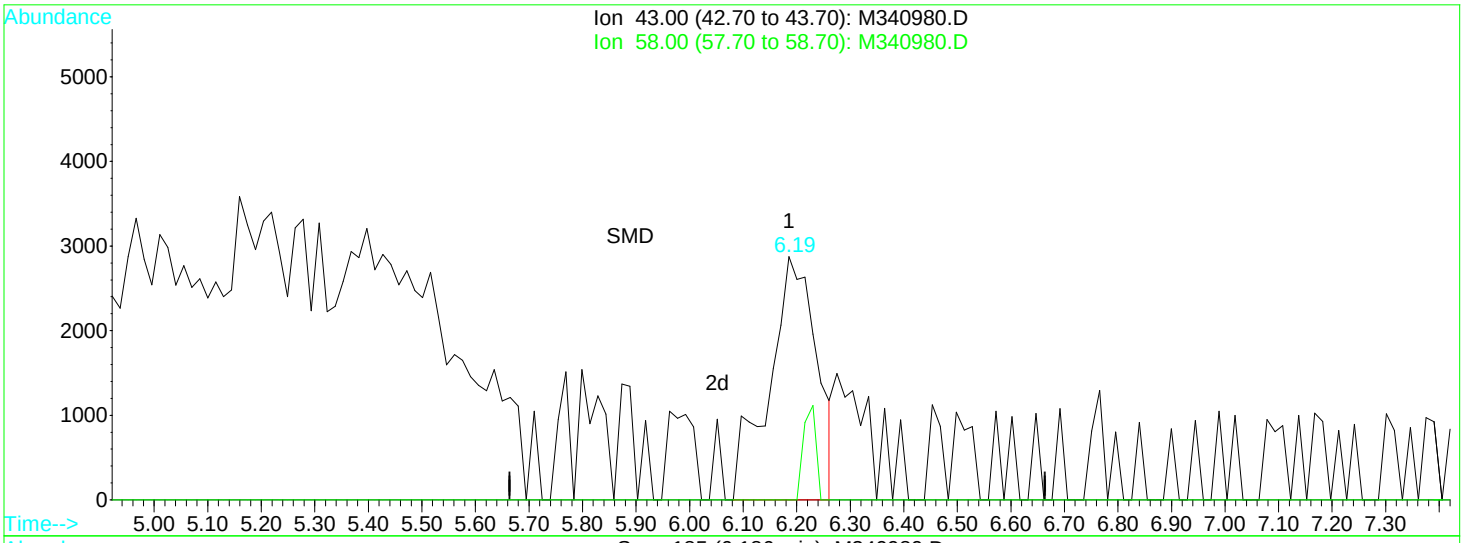
Ion	Ratio	Lower	Upper
83	100		
97	91.7	88.5	148.5
85	47.8	36.8	96.8

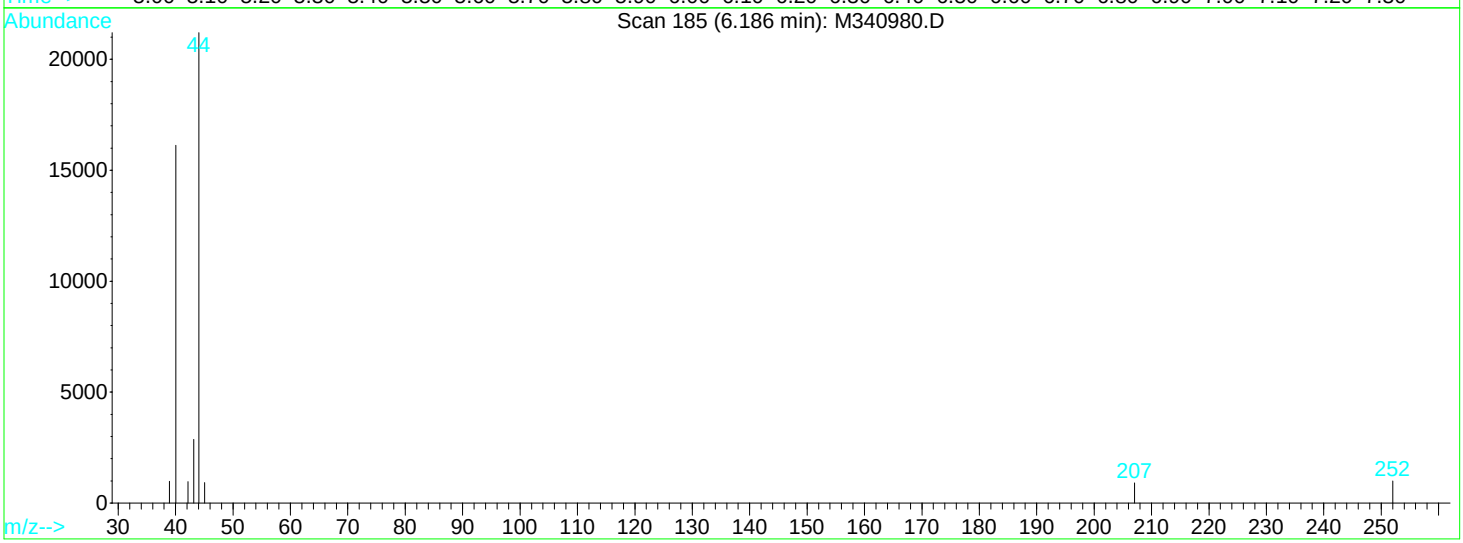


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:12 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(10) Acetone

6.19min 2.35ug/l

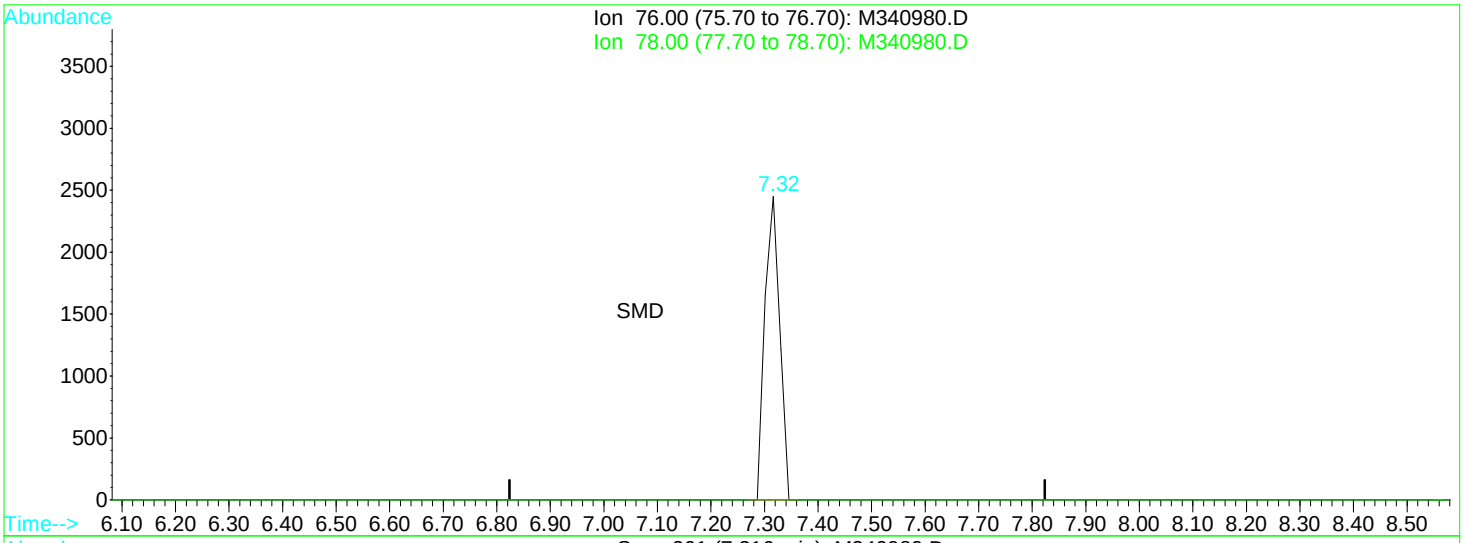
response 17753

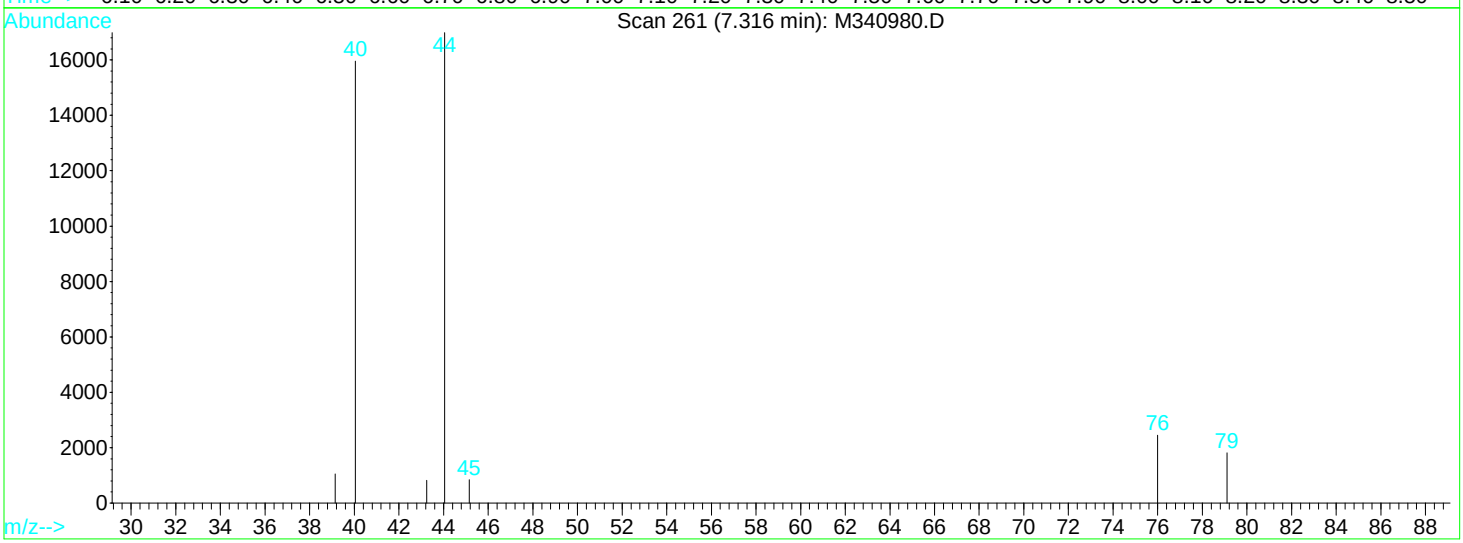
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(15) Carbon Disulfide

7.32min 0.06ug/l

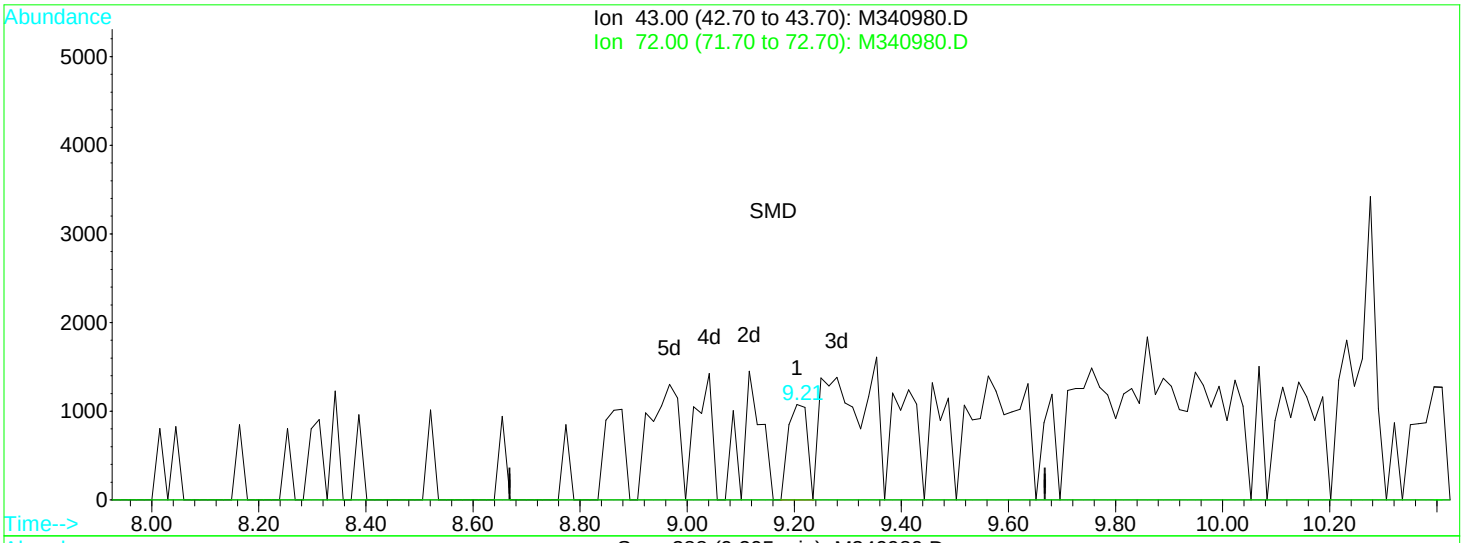
response 4752

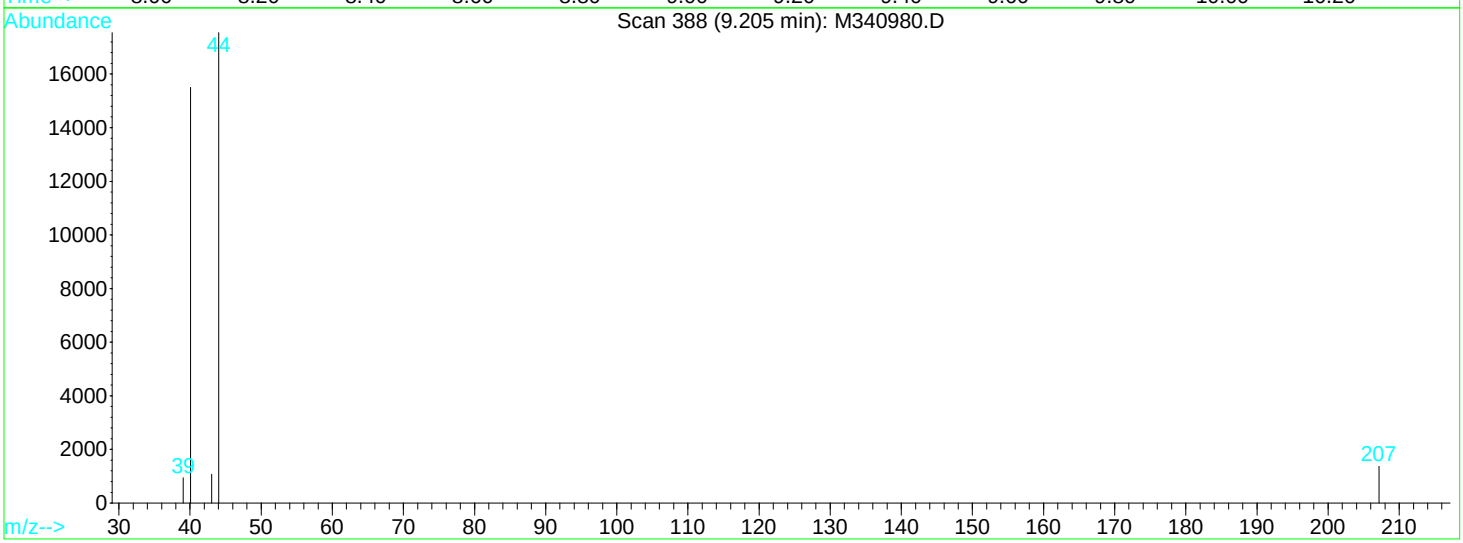
Ion	Exp%	Act%
76.00	100	100
78.00	9.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(24) 2-Butanone

9.21min 0.13ug/l

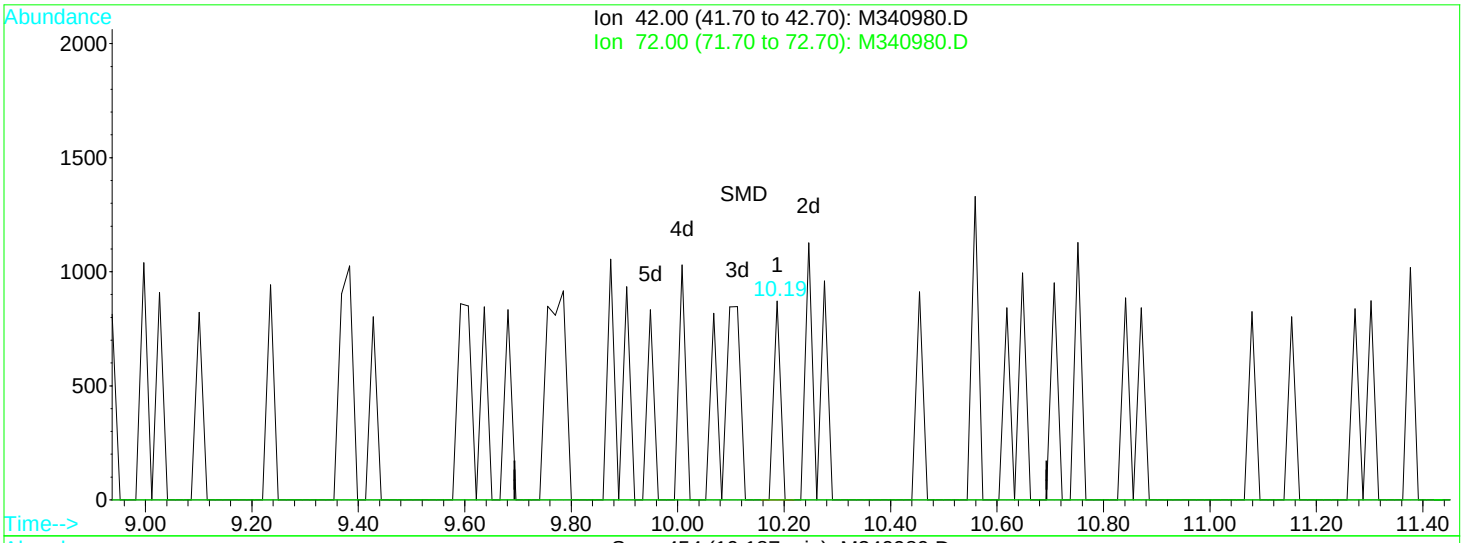
response 2649

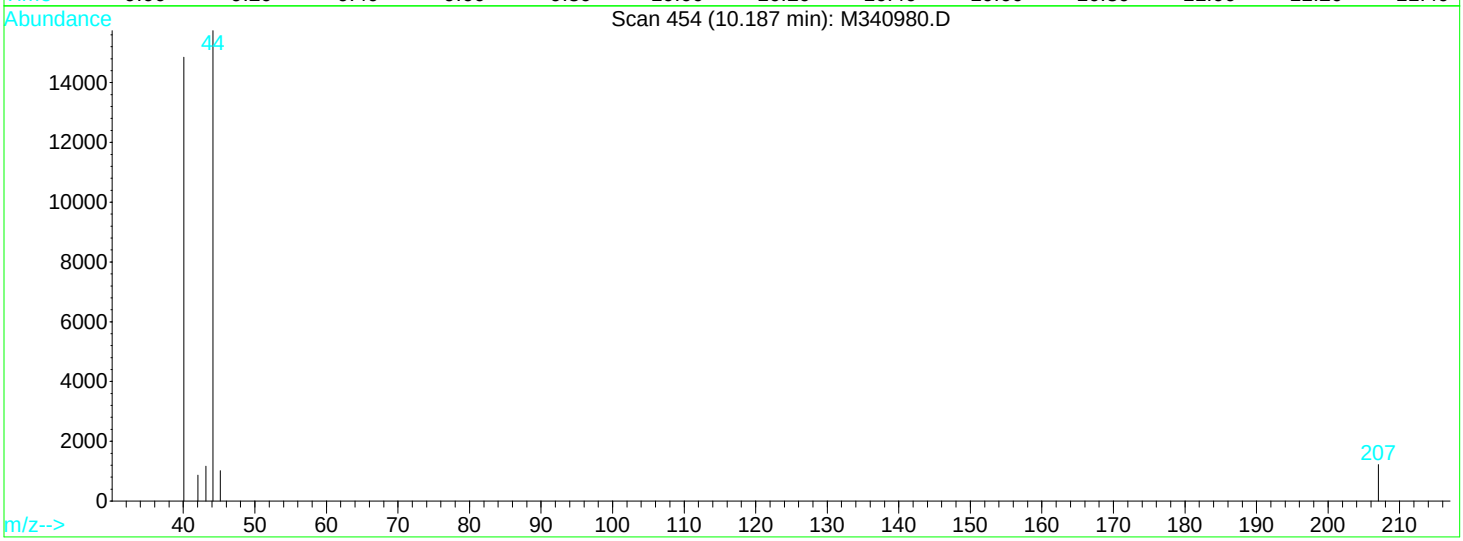
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(32) Tetrahydrofuran

10.19min 0.10ug/l

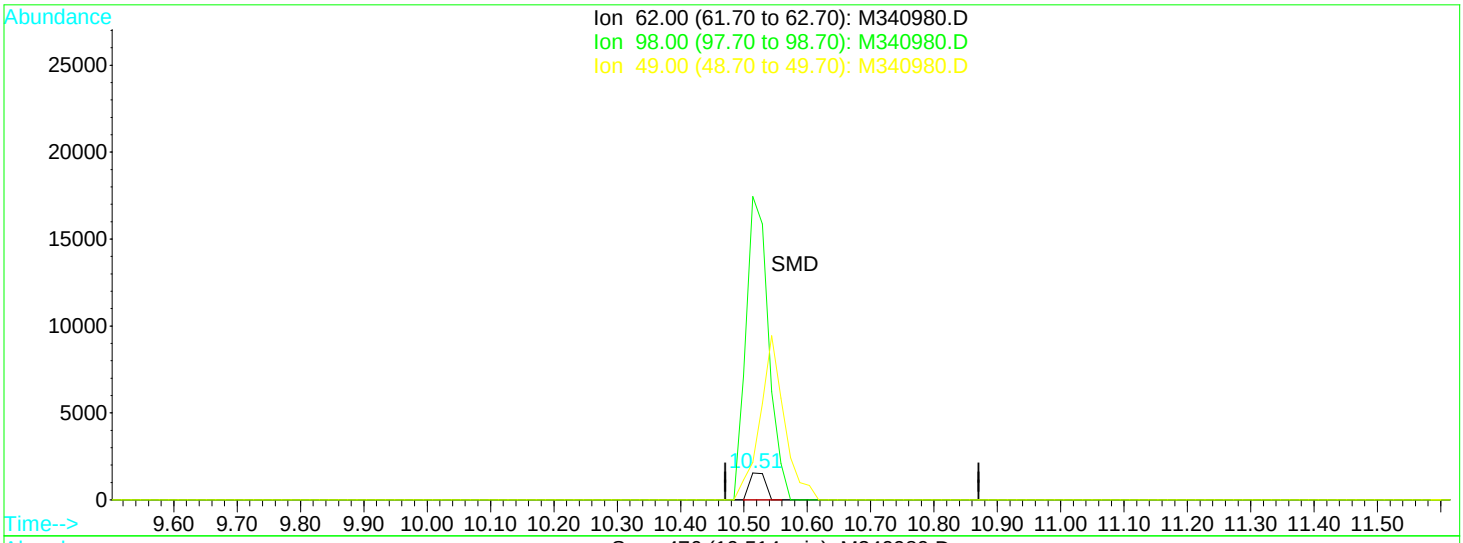
response 777

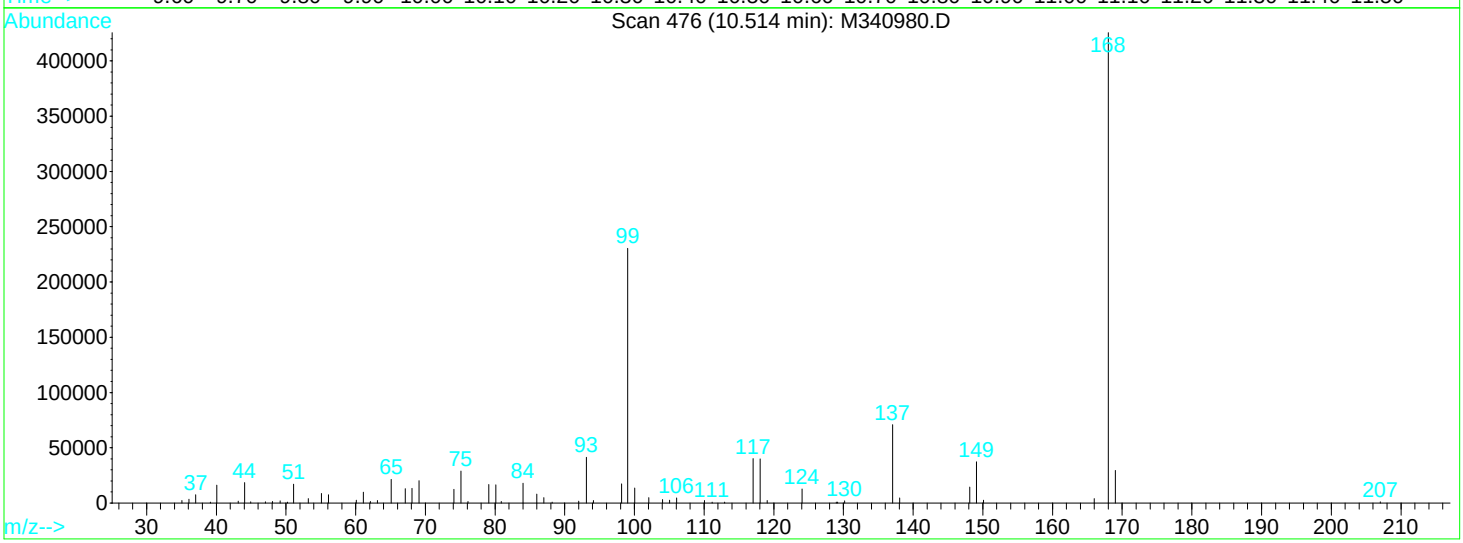
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(42) 1,2-Dichloroethane

10.51min 0.09ug/l

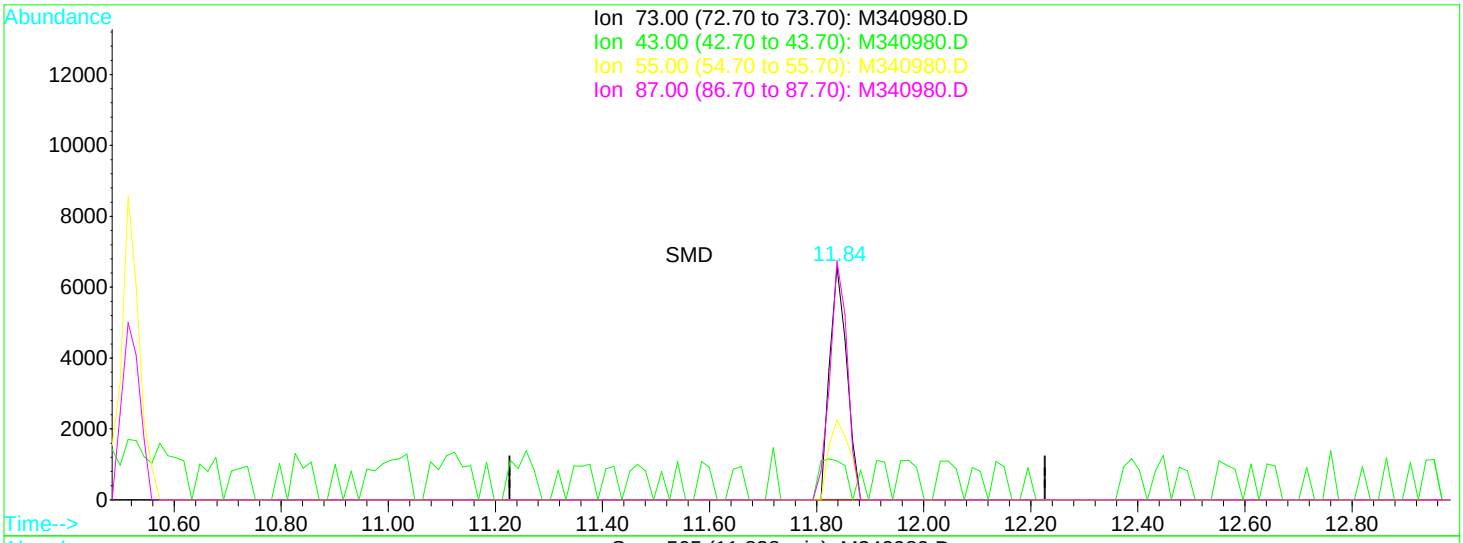
response 2717

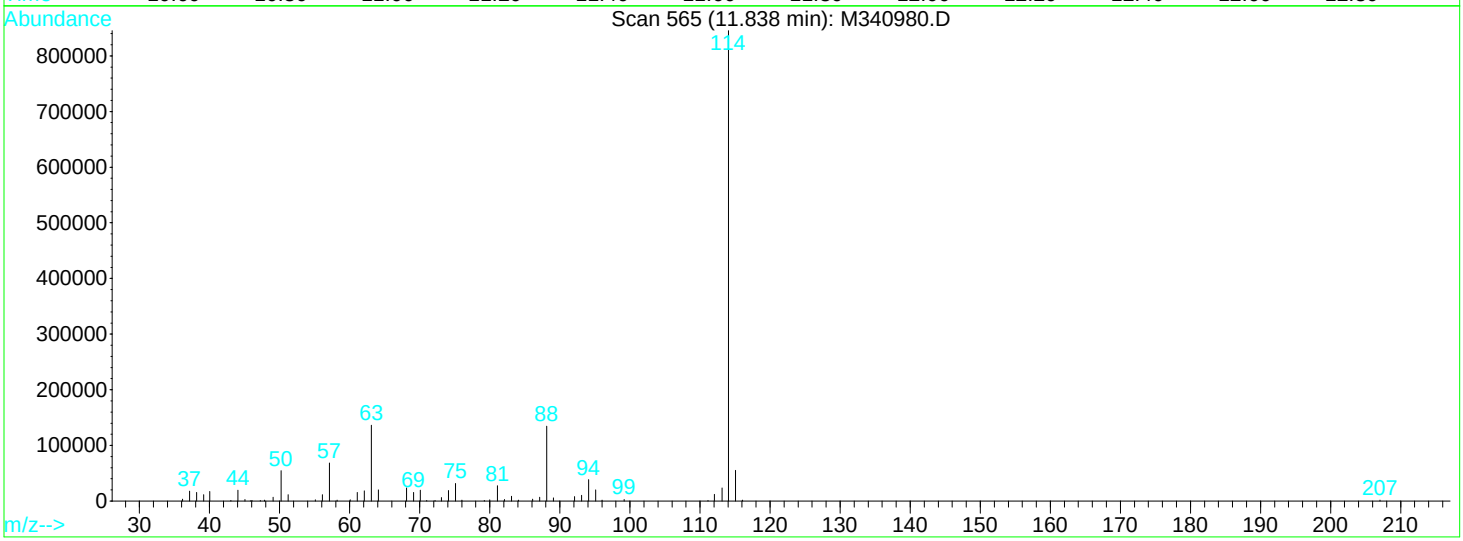
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	1133.51#
49.00	39.80	139.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(43) Tertiary-amyl methyl ether

11.84min 0.23ug/l

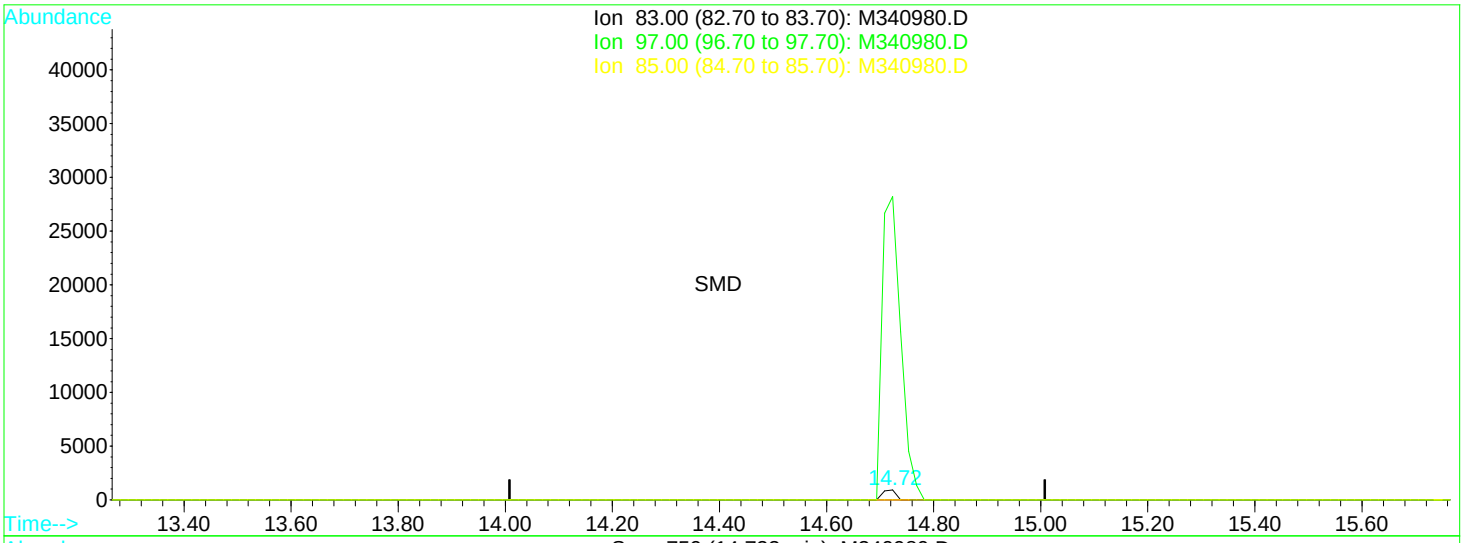
response 14704

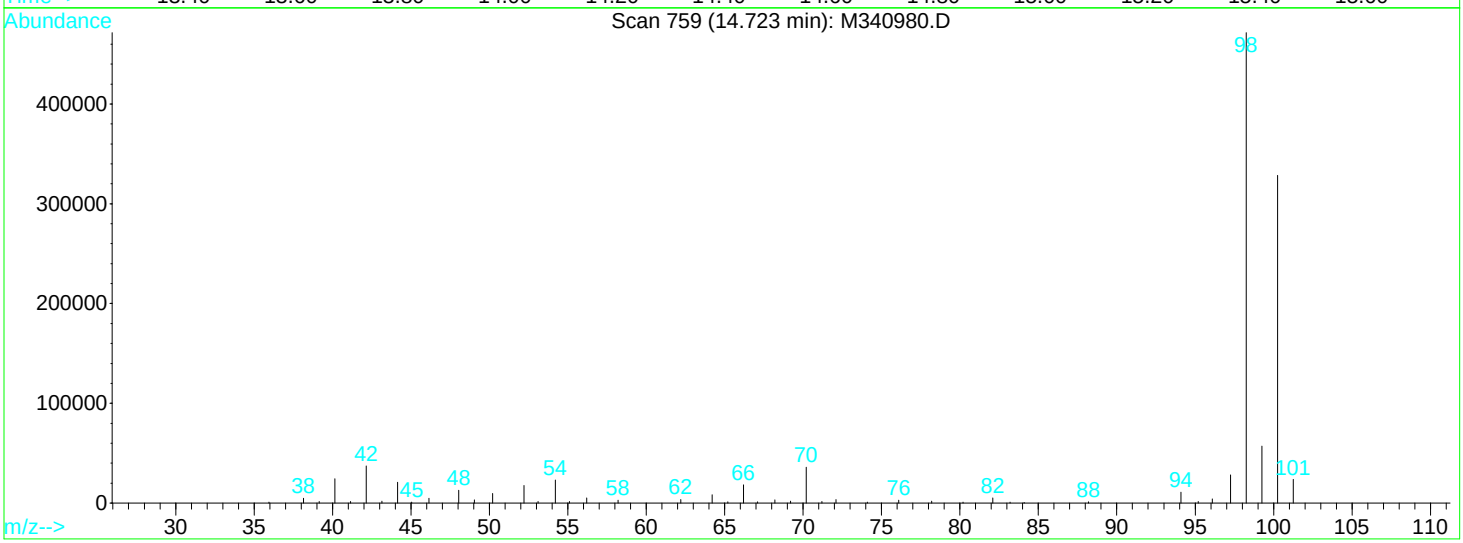
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	16.67
55.00	29.80	34.32
87.00	22.80	102.35#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(56) 1,1,2-Trichloroethane

14.72min 0.07ug/l

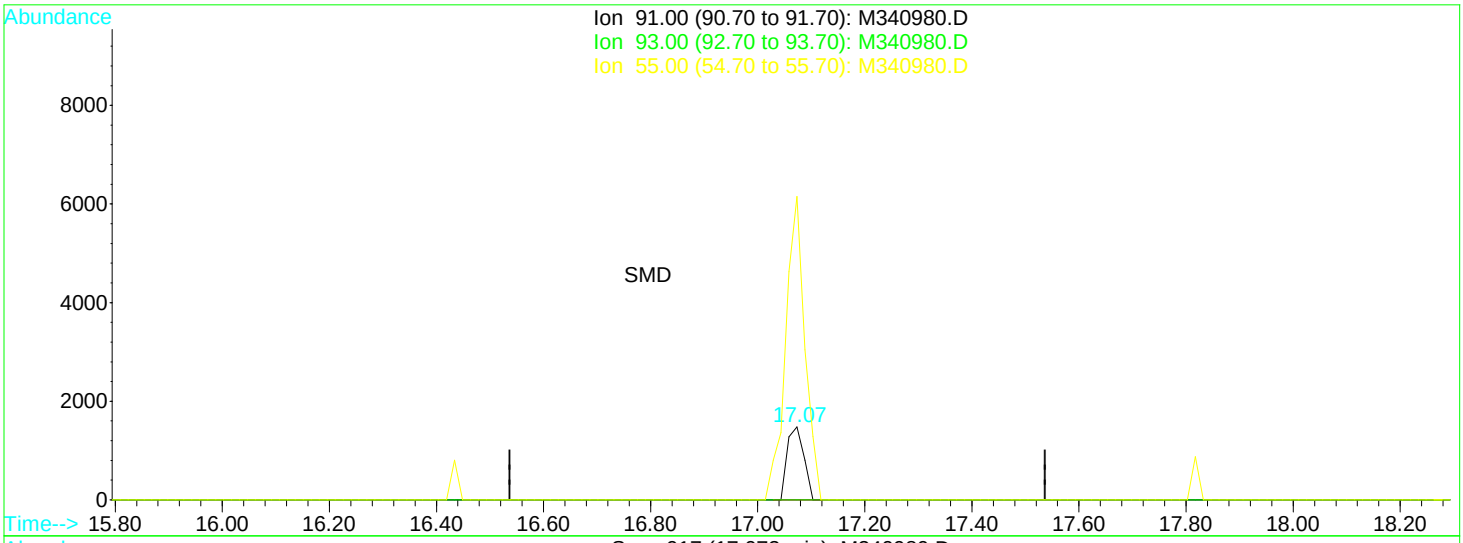
response 1569

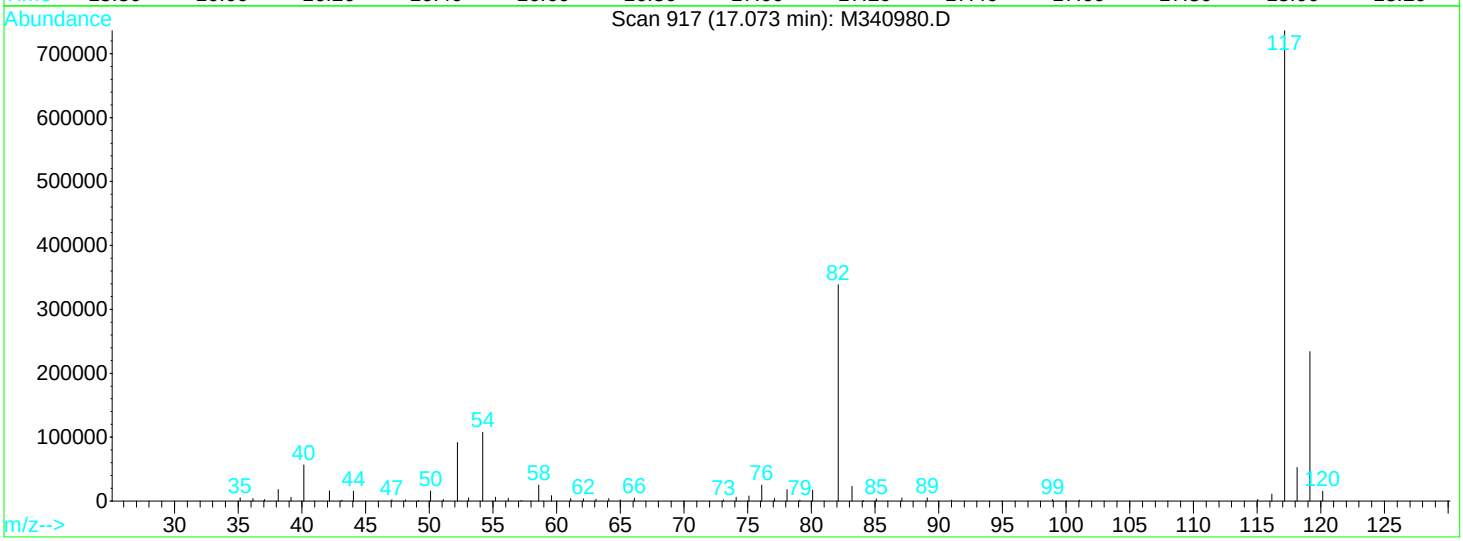
Ion	Exp%	Act%
83.00	100	100
97.00	118.50	3085.46#
85.00	66.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340980.D

(66) 1-Chlorohexane

17.07min 0.14ug/l

response 3180

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	415.53#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1247506	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1765270	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.46	152	547382	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	807972	23.04	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.16%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	544166	21.73	ug/l	0.00
Spiked Amount 25.000			Recovery = 86.92%			
59) Toluene-d8 (SURR)	14.71	98	2176536	26.14	ug/l	0.00
Spiked Amount 25.000			Recovery = 104.56%			
75) Bromofluorobenzene (SURR)	19.25	95	652023	23.14	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.56%			

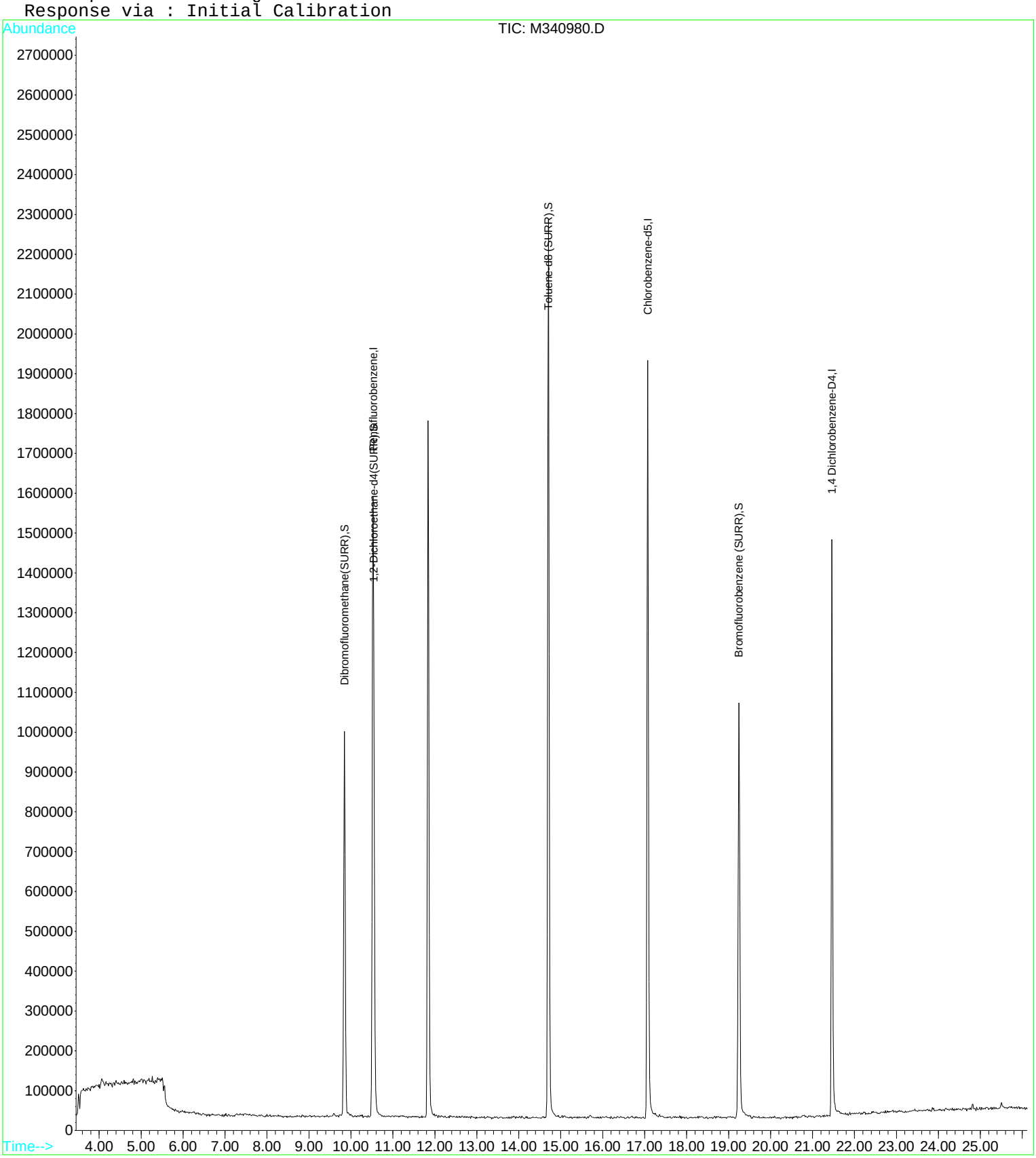
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340980.D Vial: 8
Acq On : 16 Aug 2010 12:06 pm Operator: MD
Sample : 1008142-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:13 2010 Quant Results File: AQ071210.RES

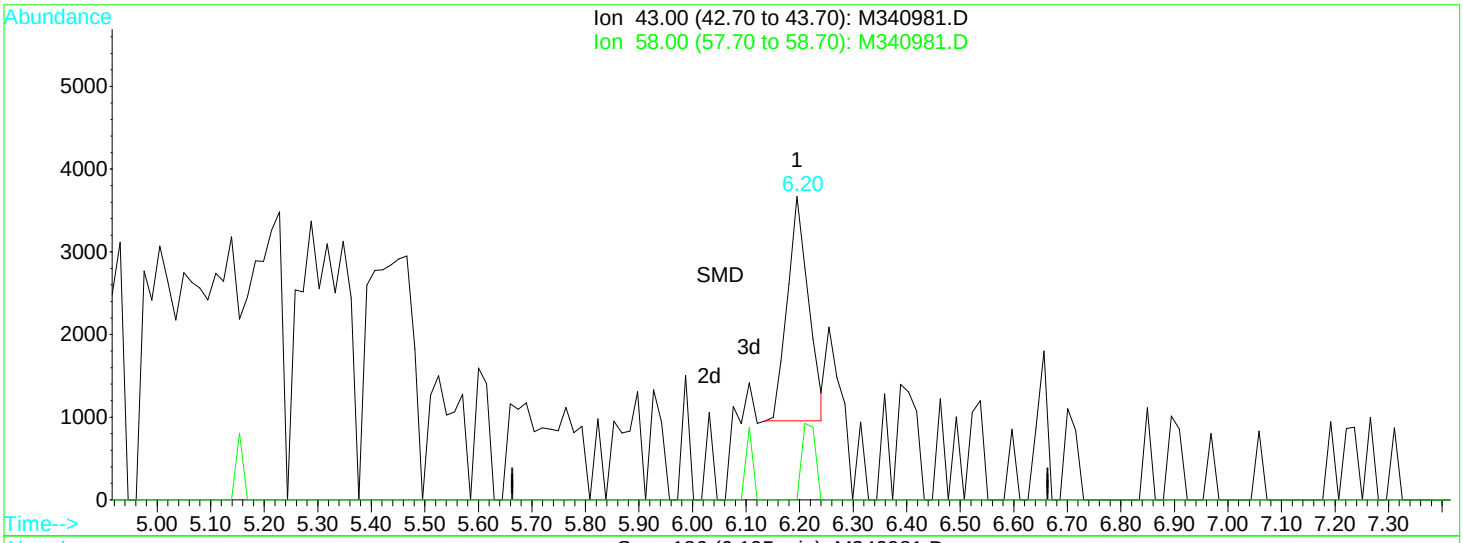
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

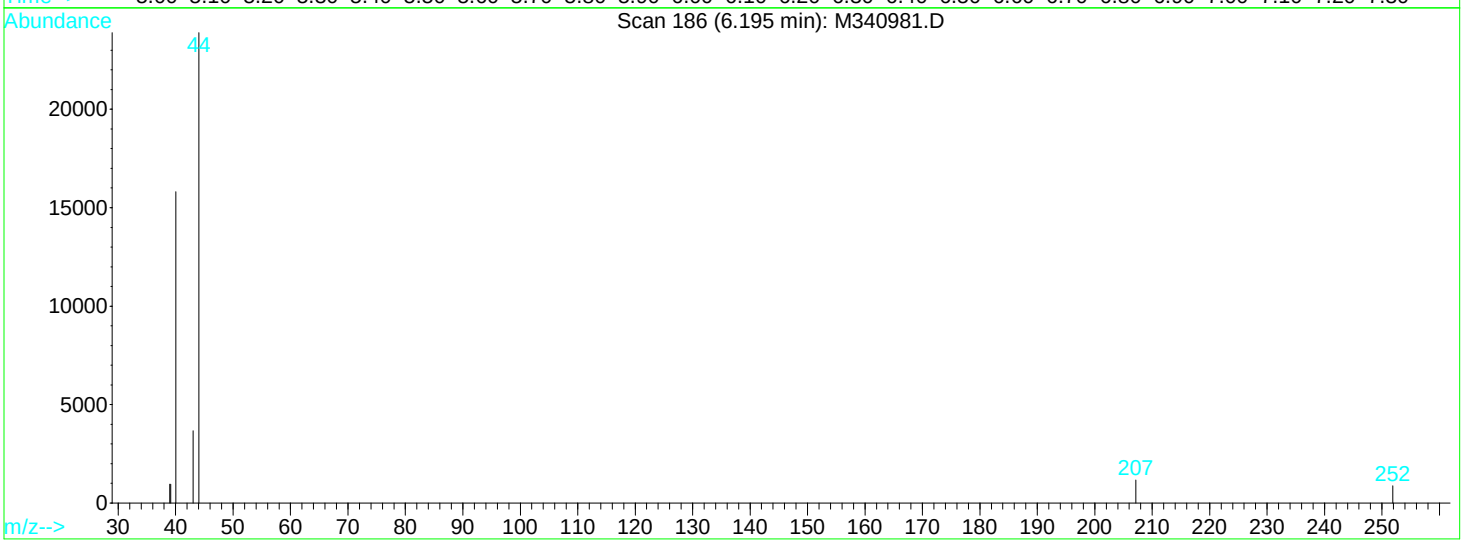


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:14 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(10) Acetone

6.20min 1.04ug/l

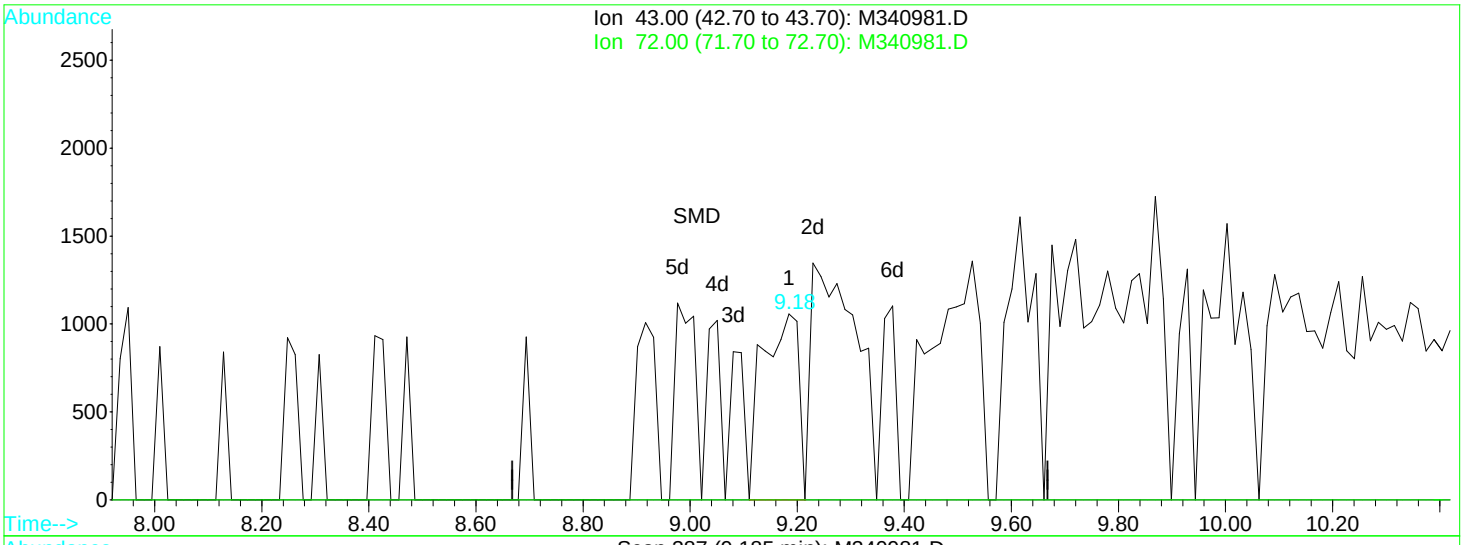
response 7418

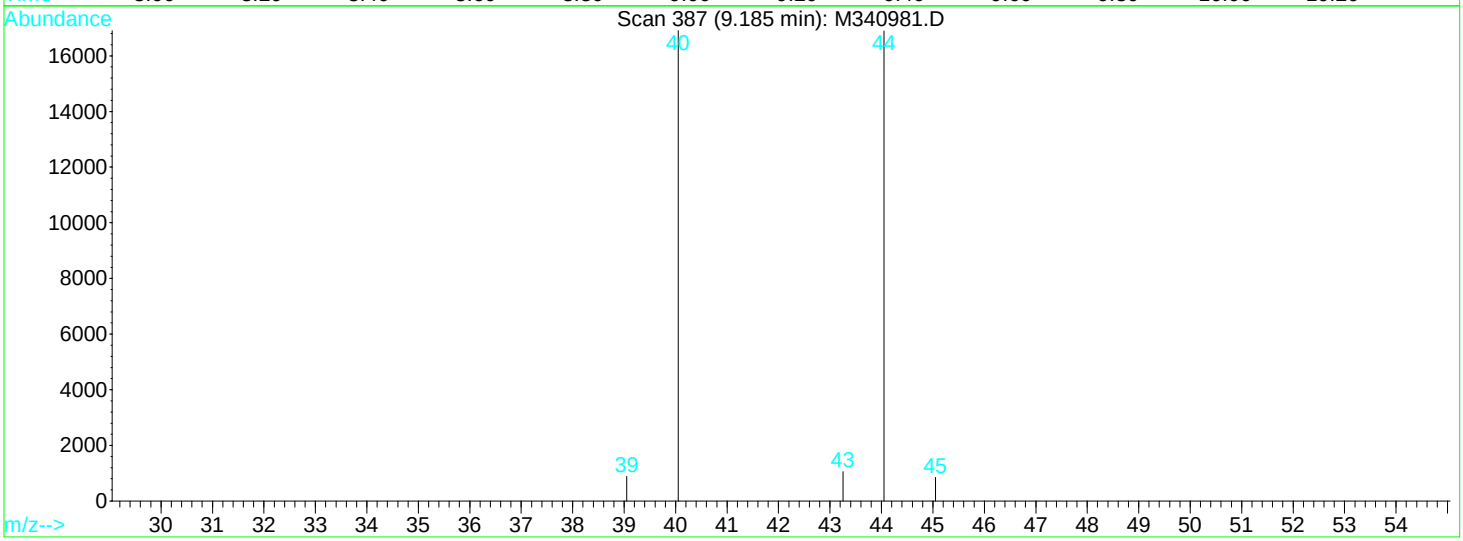
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:14 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(24) 2-Butanone

9.18min 0.25ug/l

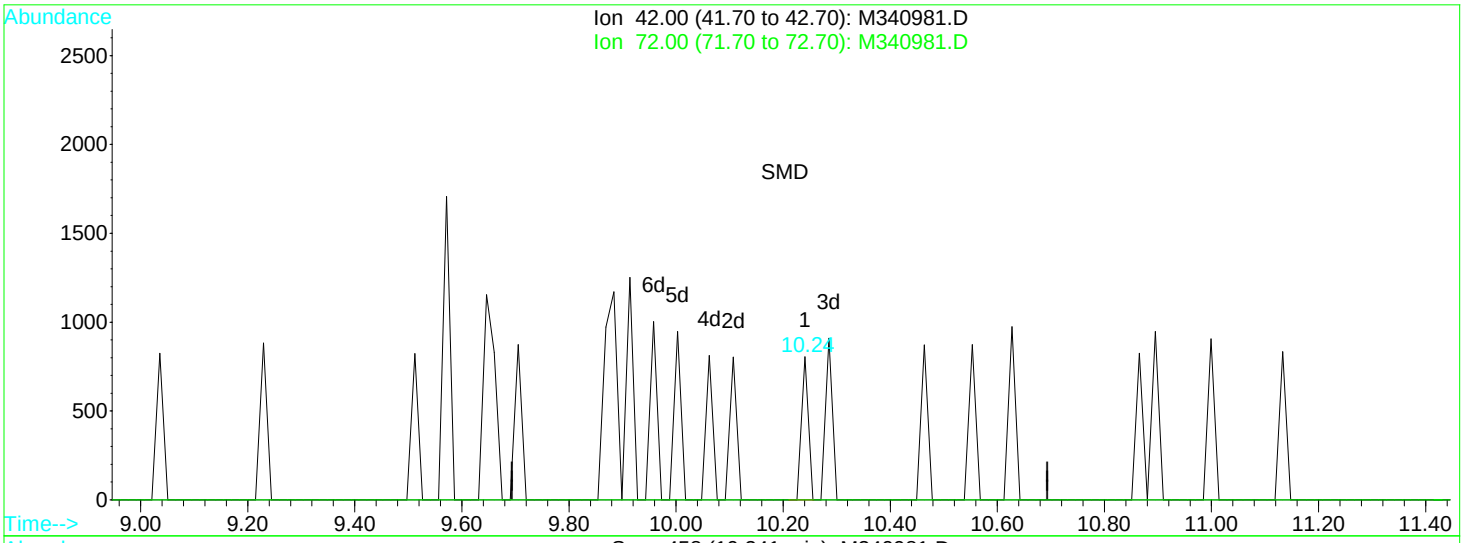
response 4932

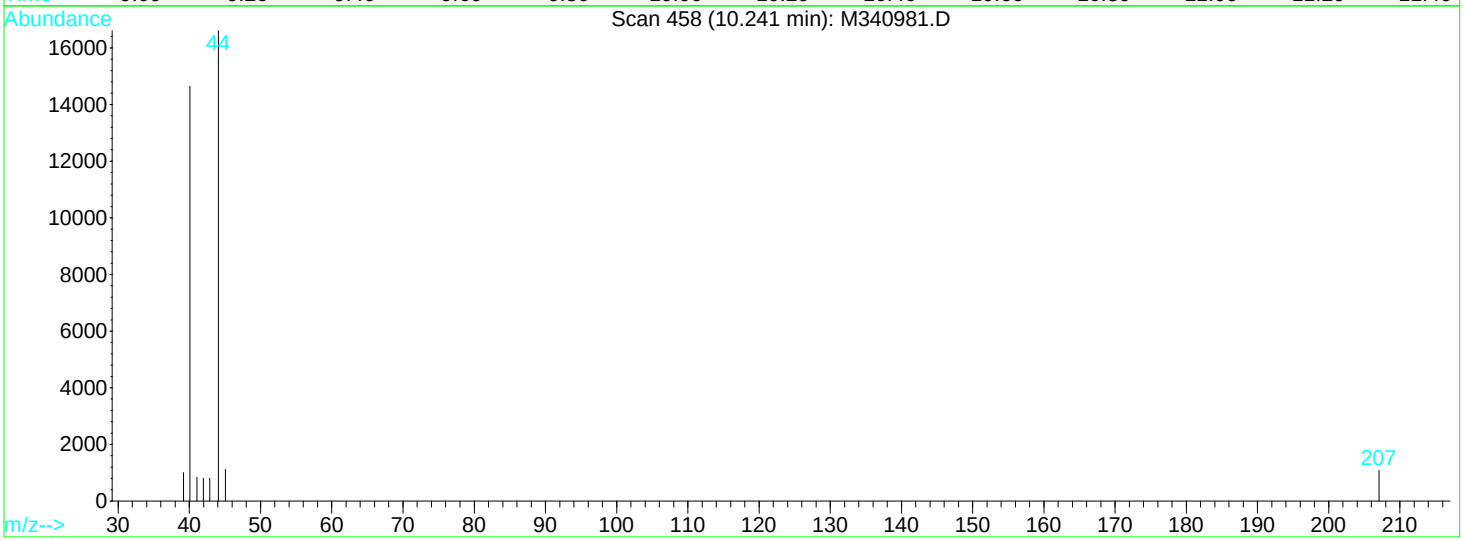
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:14 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(32) Tetrahydrofuran

10.24min 0.09ug/l

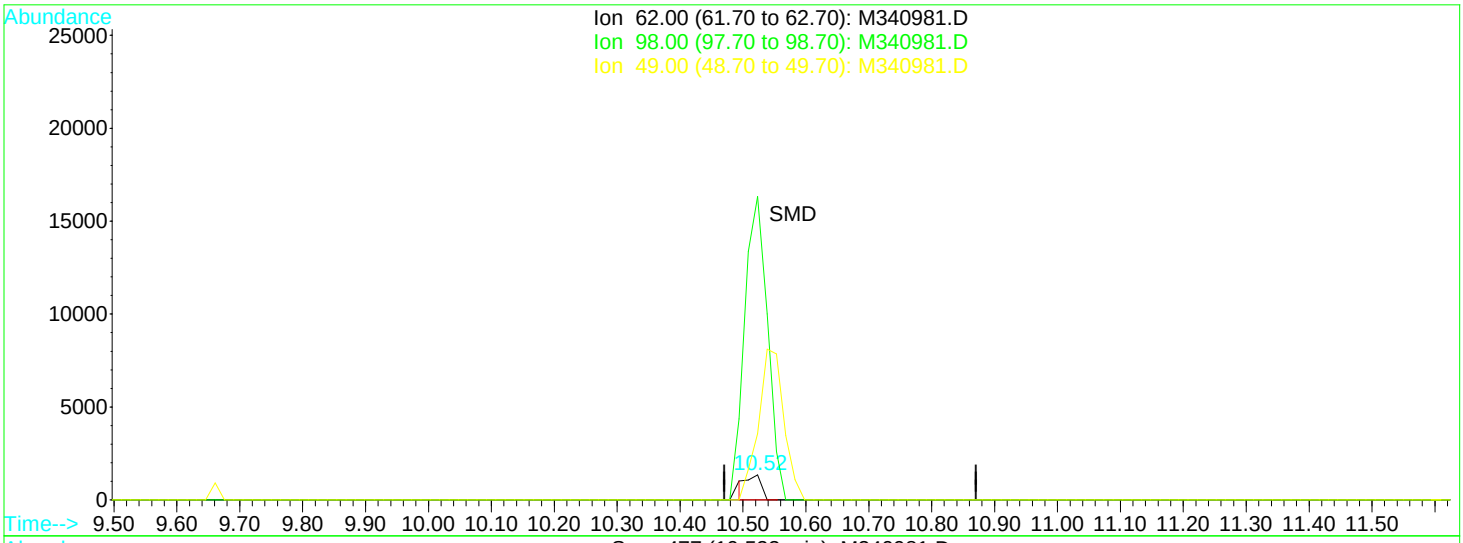
response 719

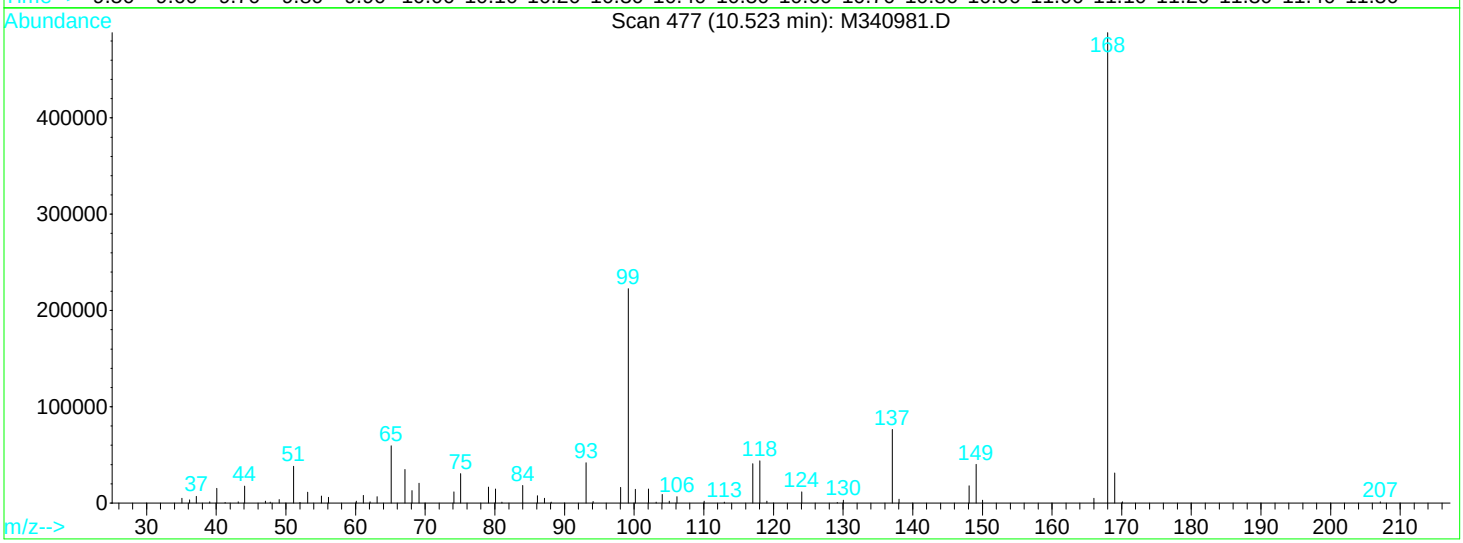
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:14 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(42) 1,2-Dichloroethane

10.52min 0.08ug/l

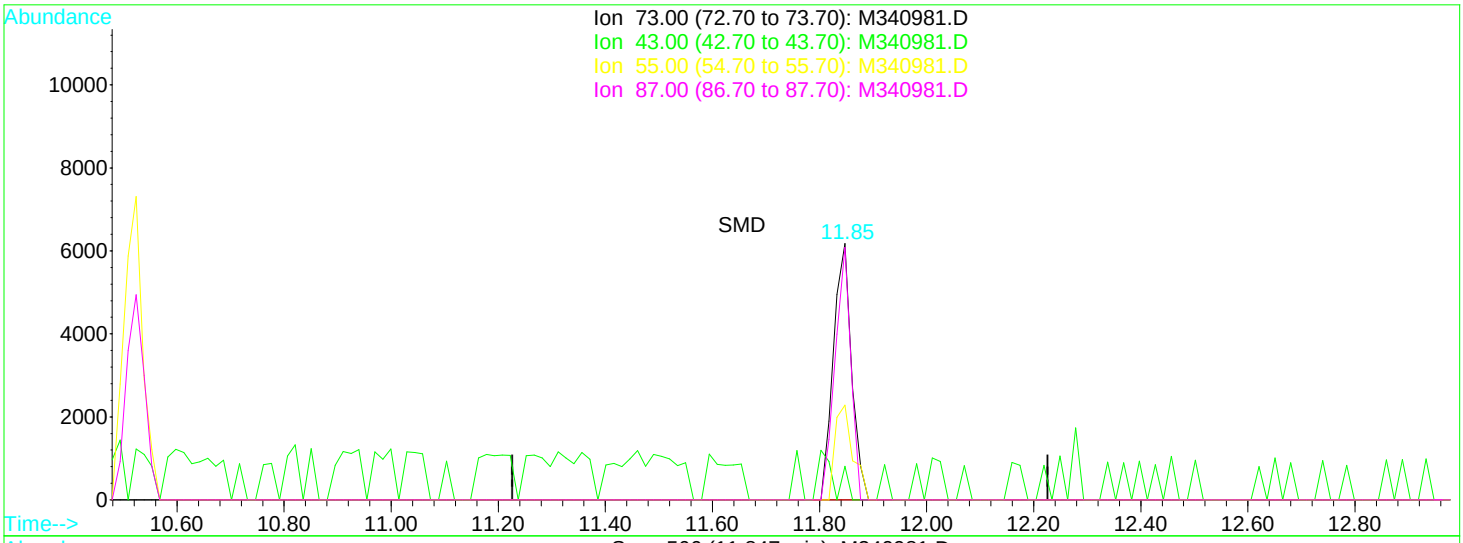
response 2152

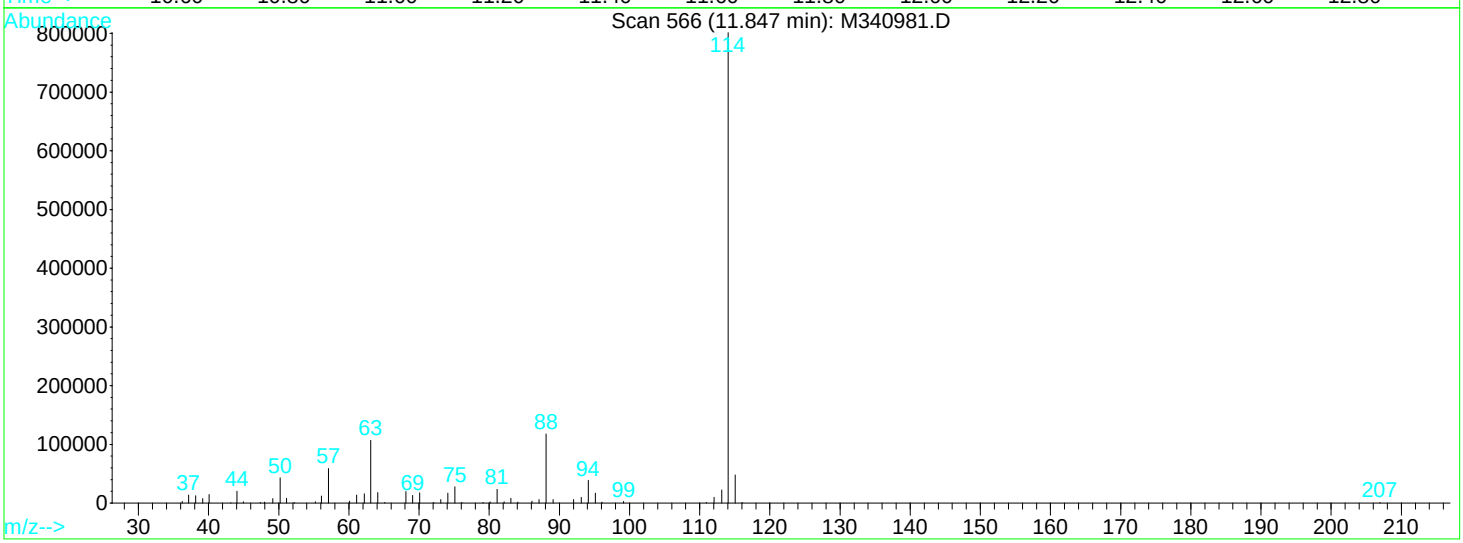
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	1212.55#
49.00	39.80	265.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:14 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(43) Tertiary-amyl methyl ether

11.85min 0.24ug/l

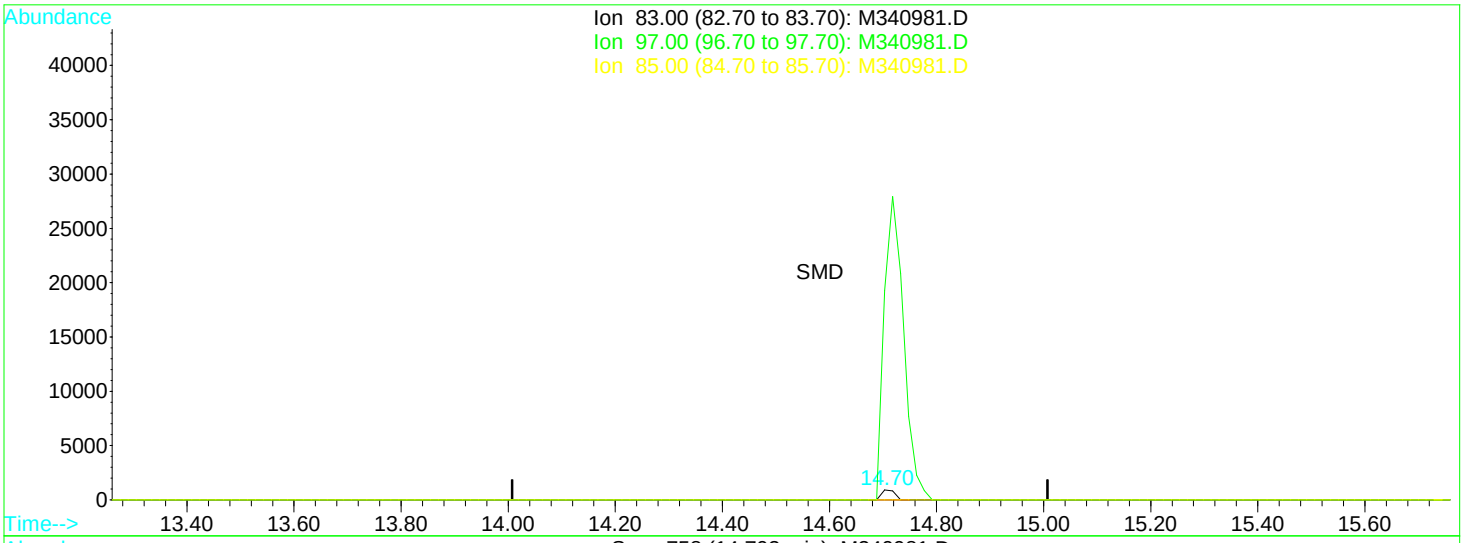
response 14729

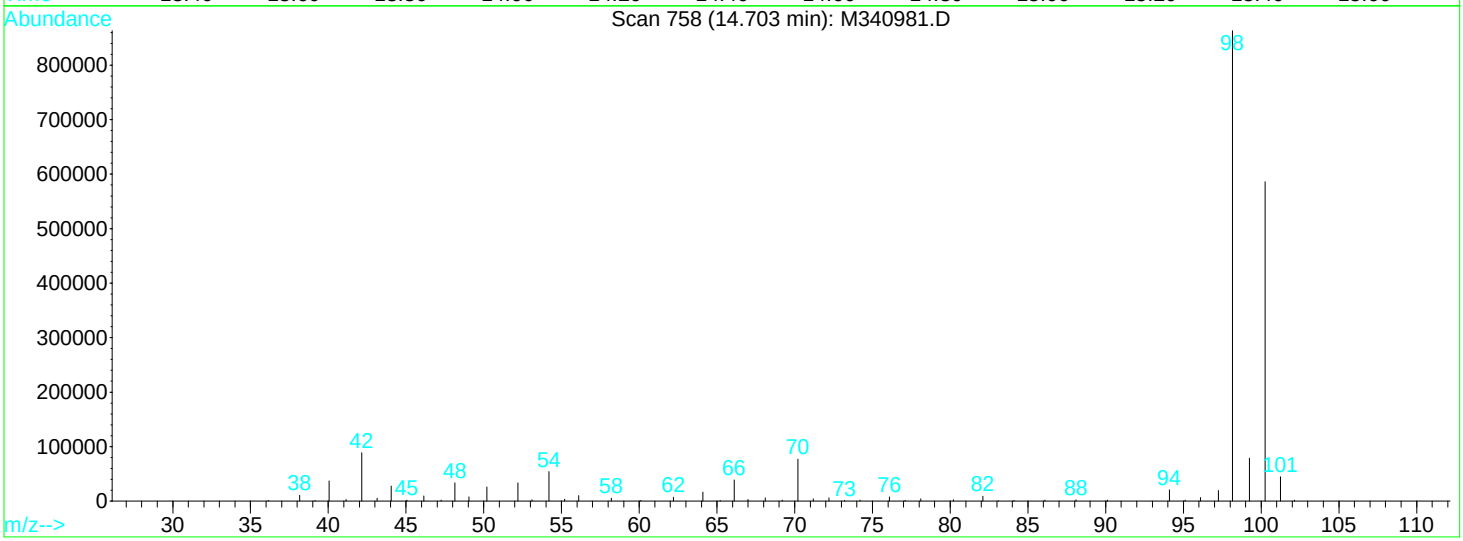
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	13.09
55.00	29.80	36.96
87.00	22.80	98.59#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:14 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(56) 1,1,2-Trichloroethane

14.70min 0.07ug/l

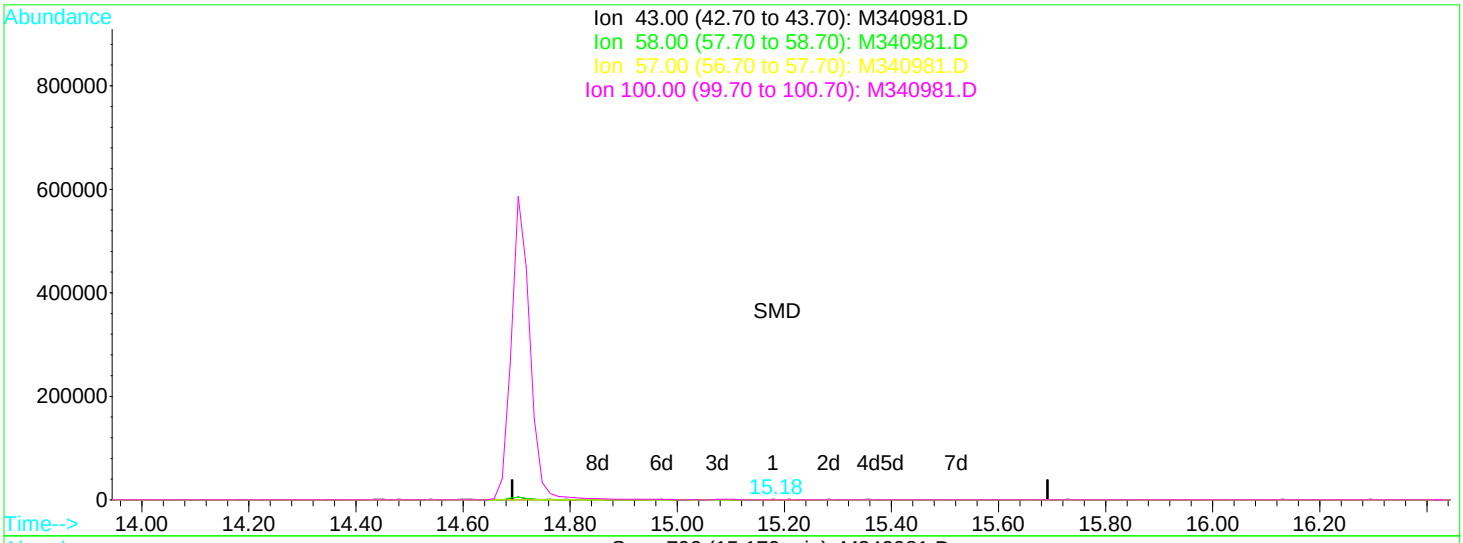
response 1538

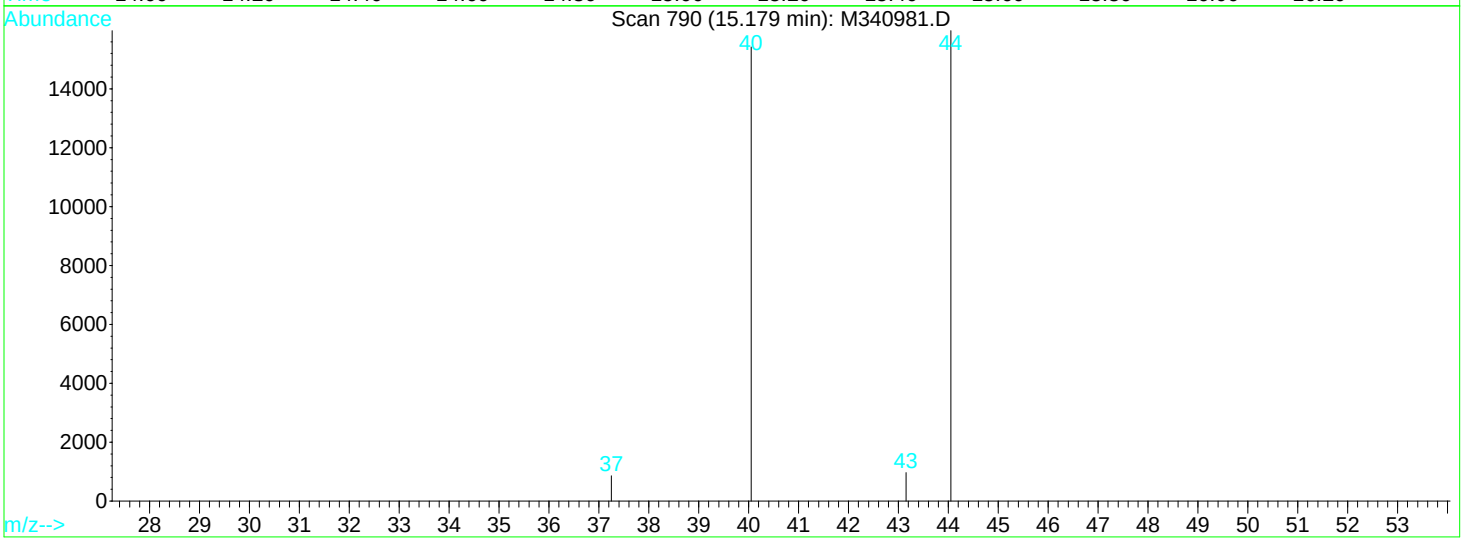
Ion	Exp%	Act%
83.00	100	100
97.00	118.50	2139.56#
85.00	66.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:15 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(61) 2-Hexanone

15.18min 0.10ug/l

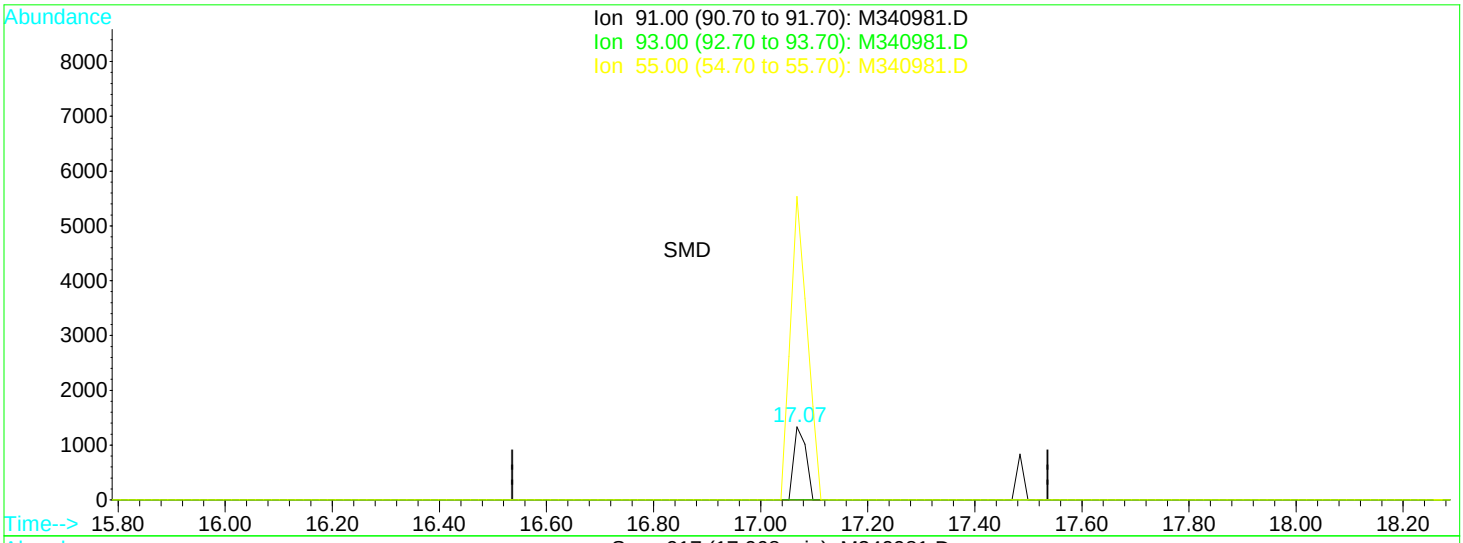
response 1720

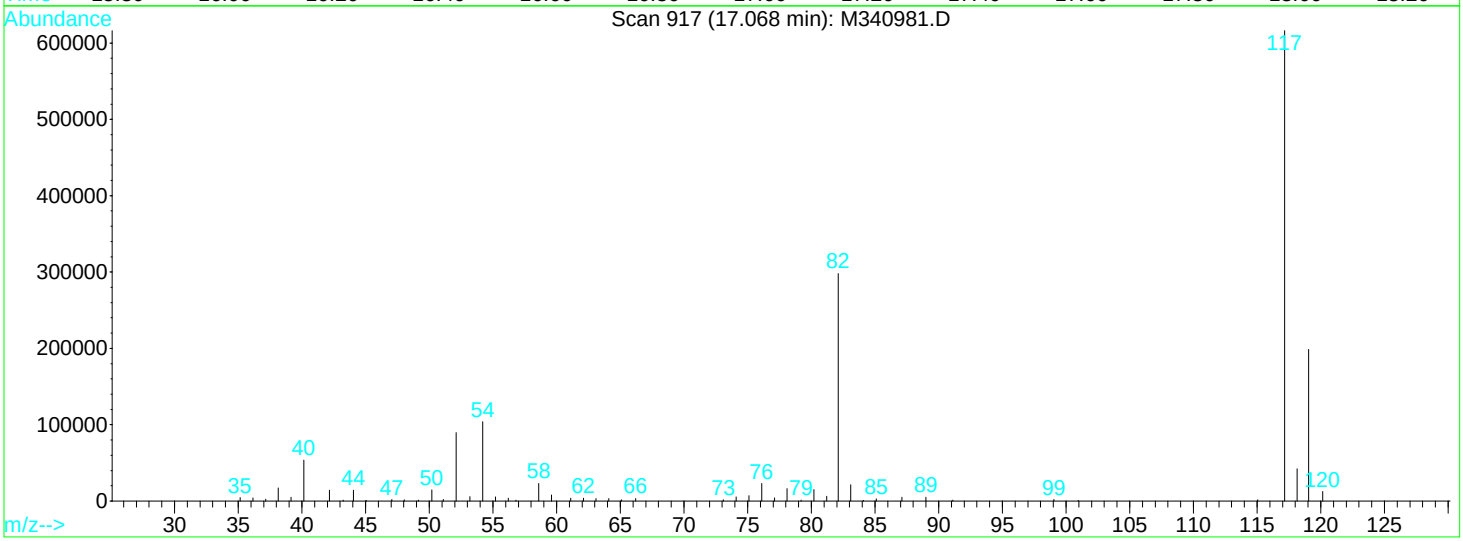
Ion	Exp%	Act%
43.00	100	100
58.00	50.60	0.00#
57.00	15.20	0.00
100.00	11.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:15 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340981.D

(66) 1-Chlorohexane

17.07min 0.10ug/l

response 2099

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	415.22#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:15 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

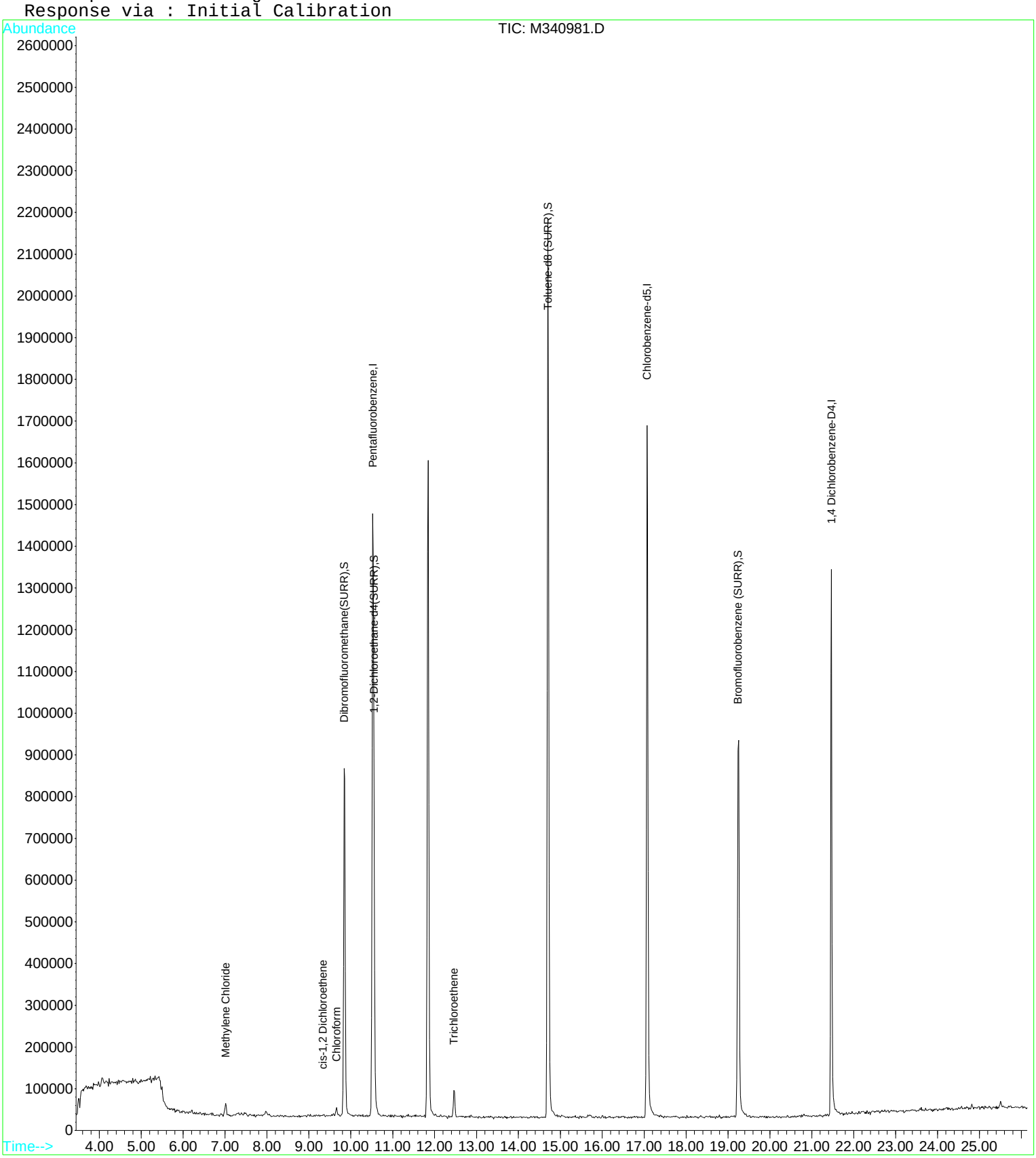
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1186040	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1649311	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.47	152	526126	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	769551	23.08	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	504357	21.19	ug/l	0.00
Spiked Amount 25.000			Recovery = 84.76%			
59) Toluene-d8 (SURR)	14.70	98	2059618	26.47	ug/l	-0.01
Spiked Amount 25.000			Recovery = 105.88%			
75) Bromofluorobenzene (SURR)	19.24	95	620861	23.58	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.32%			
Target Compounds						Qvalue
17) Methylene Chloride	7.01	84	15469	0.48	ug/l	87
27) cis-1,2 Dichloroethene	9.33	96	2207	0.07	ug/l #	62
33) Chloroform	9.66	83	18393	0.42	ug/l	97
44) Trichloroethene	12.46	95	32424	1.19	ug/l	92

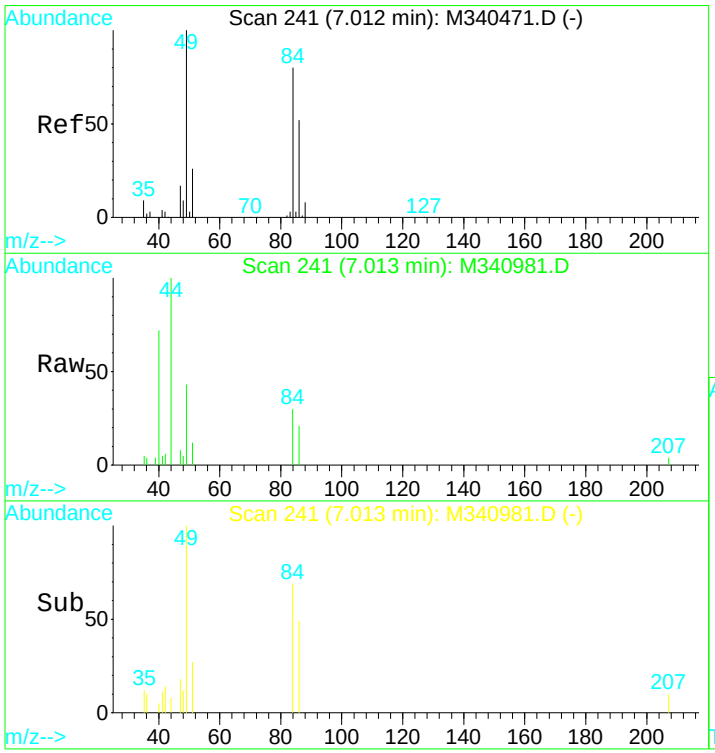
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340981.D Vial: 9
Acq On : 16 Aug 2010 12:38 pm Operator: MD
Sample : 1008142-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:15 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

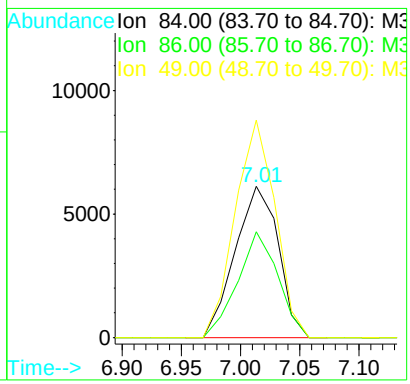


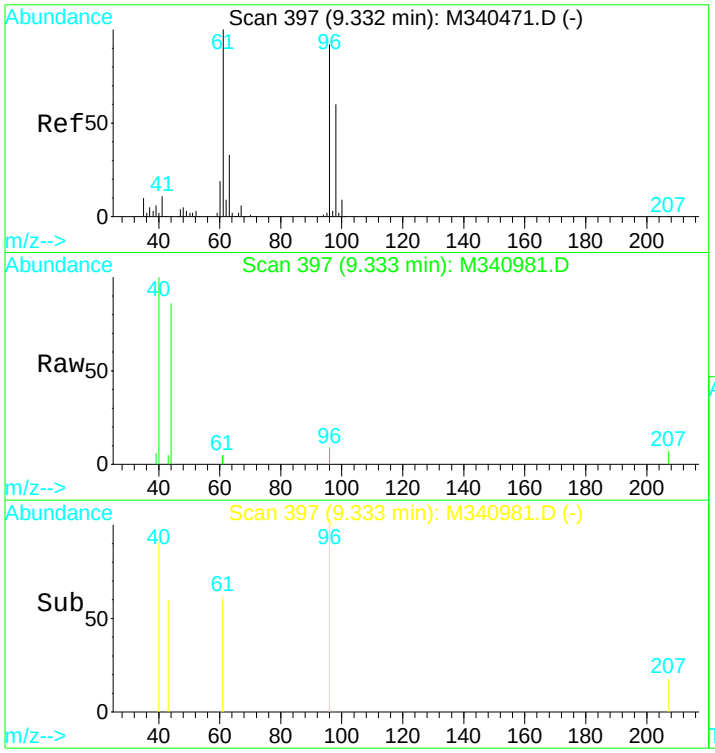


#17
Methylene Chloride
Concen: 0.48 ug/l
RT: 7.01 min Scan# 241
Delta R.T. 0.00 min
Lab File: M340981.D
Acq: 16 Aug 2010 12:38 pm

Tgt Ion: 84 Resp: 15469

Ion	Ratio	Lower	Upper
84	100		
86	70.1	34.9	94.9
49	144.0	95.2	155.2

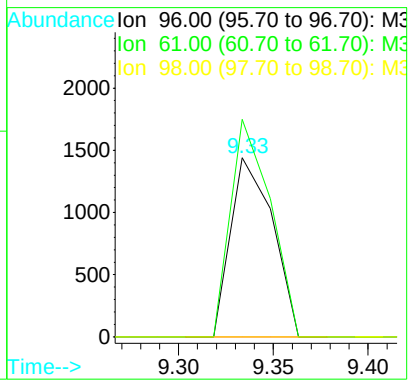


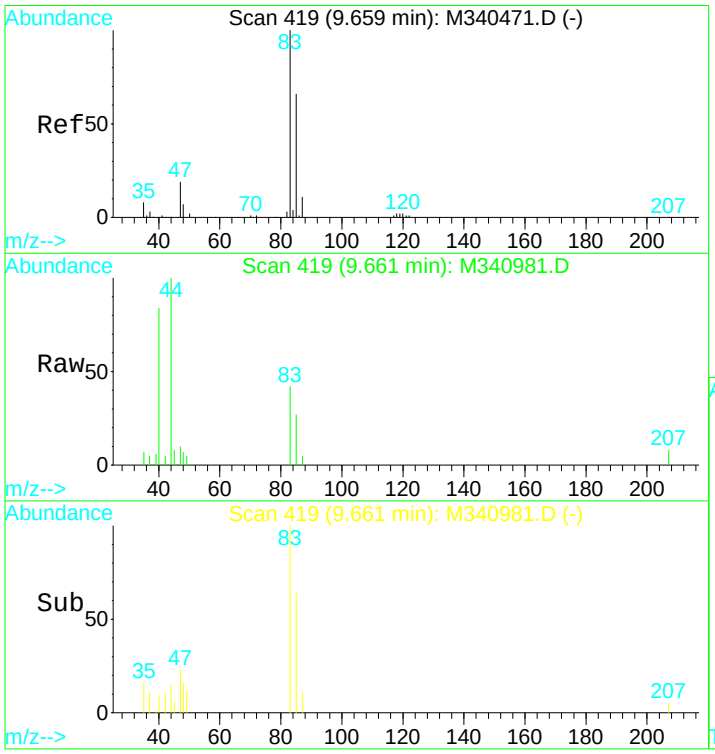


#27
cis-1,2 Dichloroethene
Concen: 0.07 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340981.D
Acq: 16 Aug 2010 12:38 pm

Tgt Ion: 96 Resp: 2207

Ion	Ratio	Lower	Upper
96	100		
61	121.5	79.2	139.2
98	0.0	35.1	95.1#

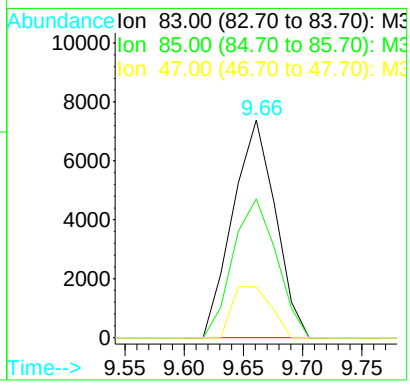


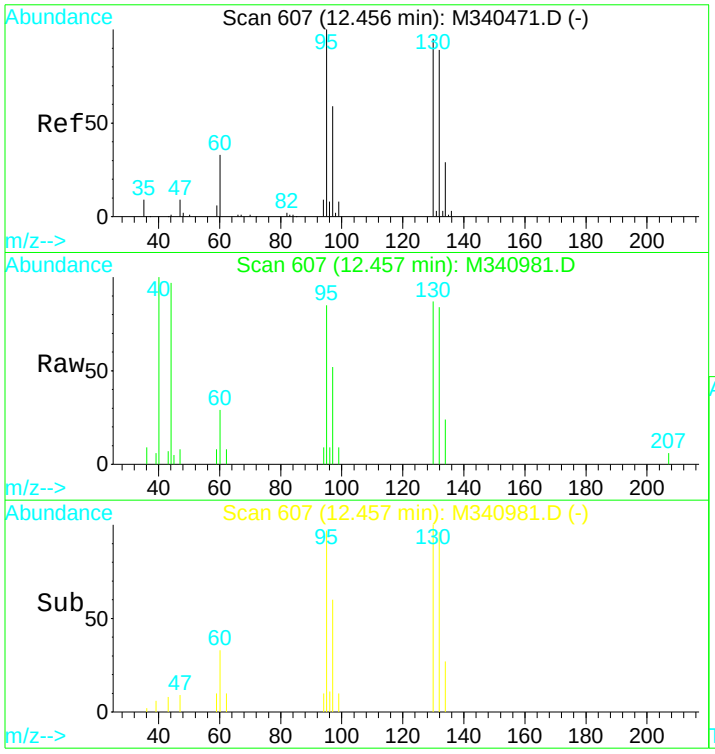


#33
Chloroform
Concen: 0.42 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340981.D
Acq: 16 Aug 2010 12:38 pm

Tgt Ion: 83 Resp: 18393

Ion	Ratio	Lower	Upper
83	100		
85	63.7	35.8	95.8
47	23.1	0.0	54.6

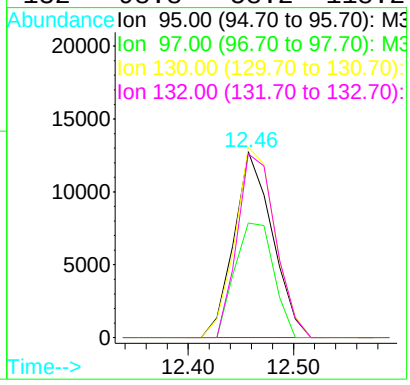




#44
Trichloroethene
Concen: 1.19 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340981.D
Acq: 16 Aug 2010 12:38 pm

Tgt Ion: 95 Resp: 32424

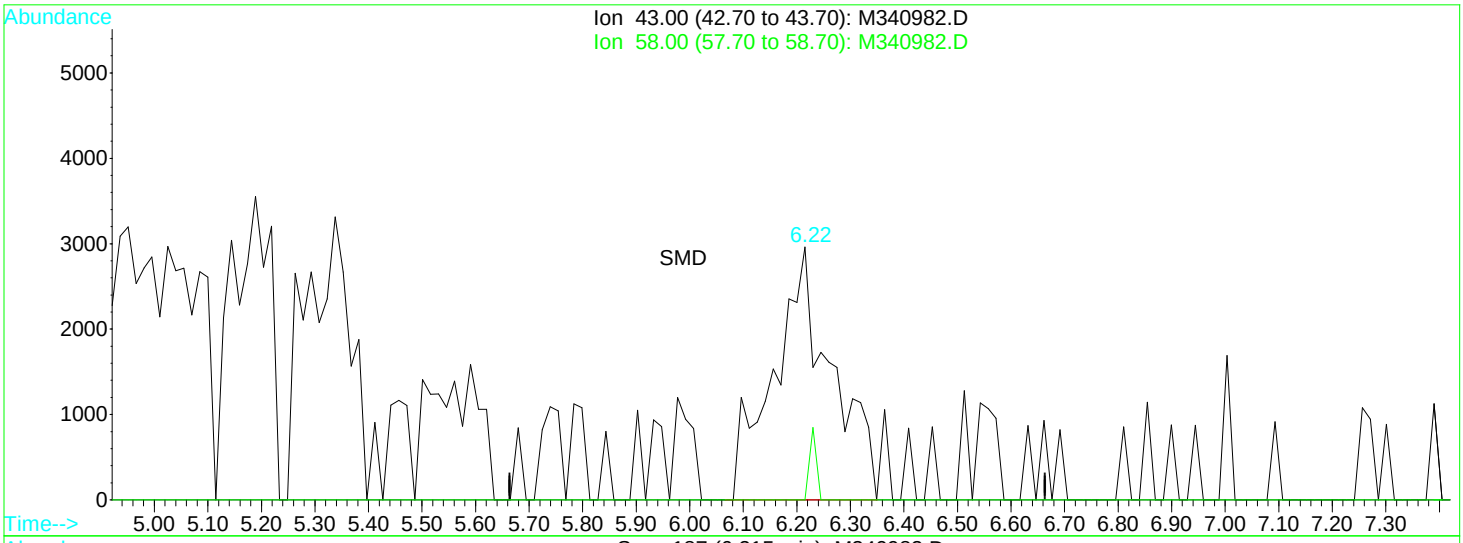
Ion	Ratio	Lower	Upper
95	100		
97	61.7	31.8	91.8
130	102.6	64.0	124.0
132	98.8	58.2	118.2

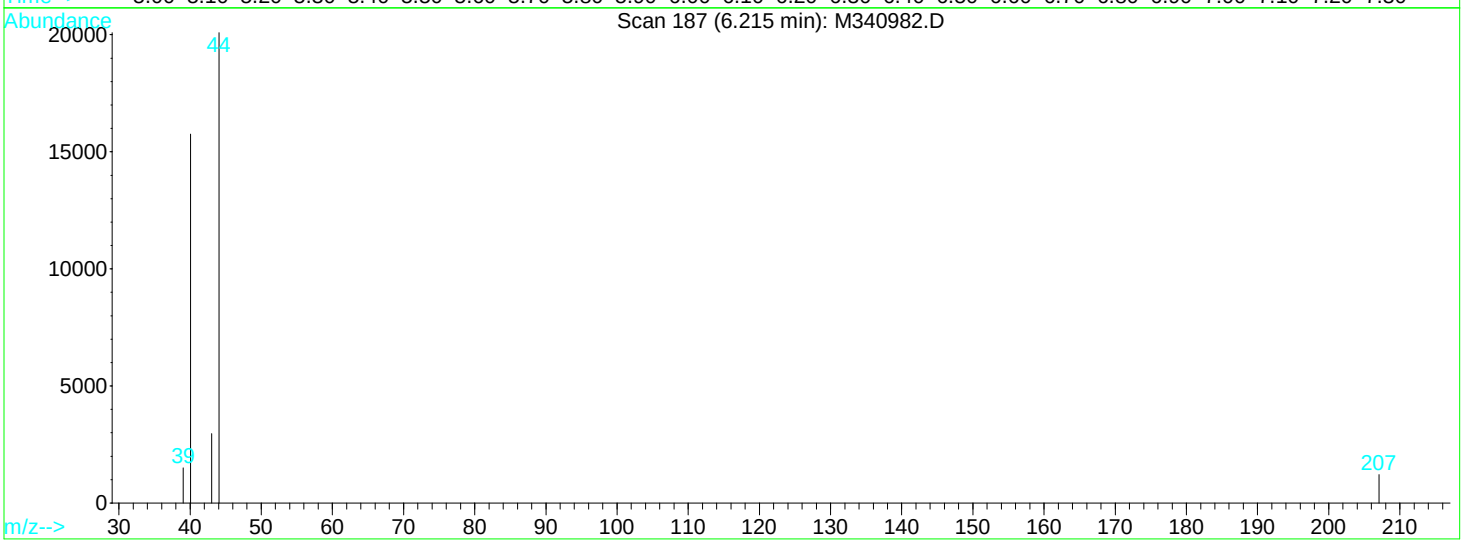


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:15 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(10) Acetone

6.22min 3.14ug/l

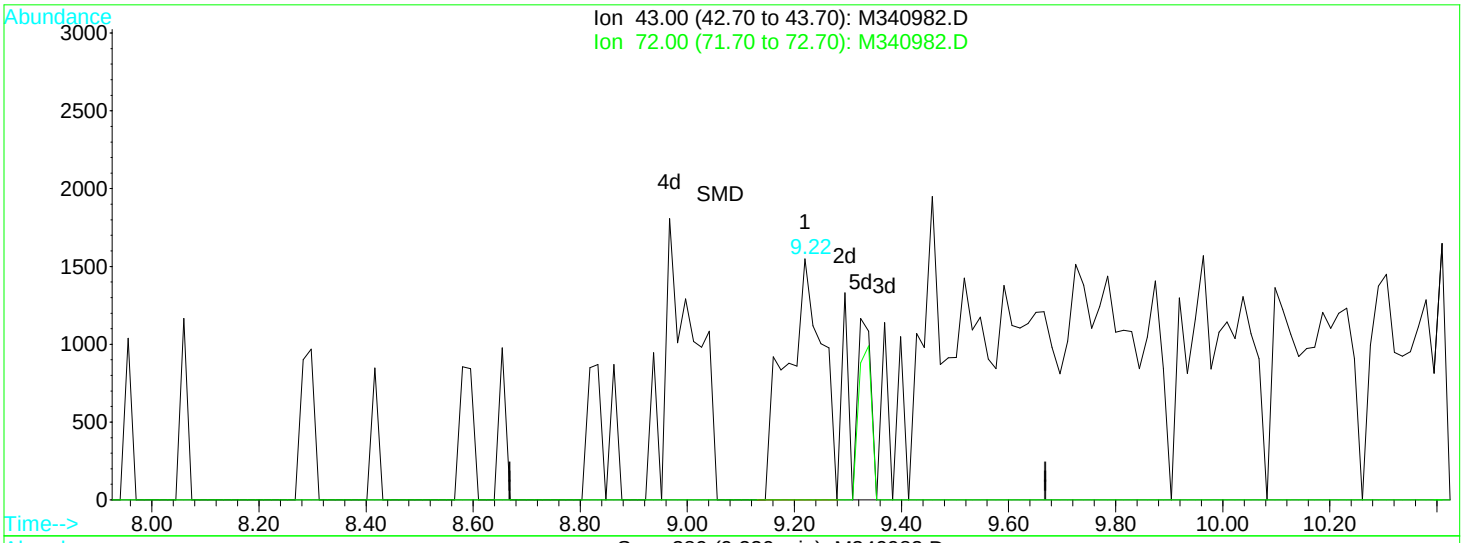
response 22340

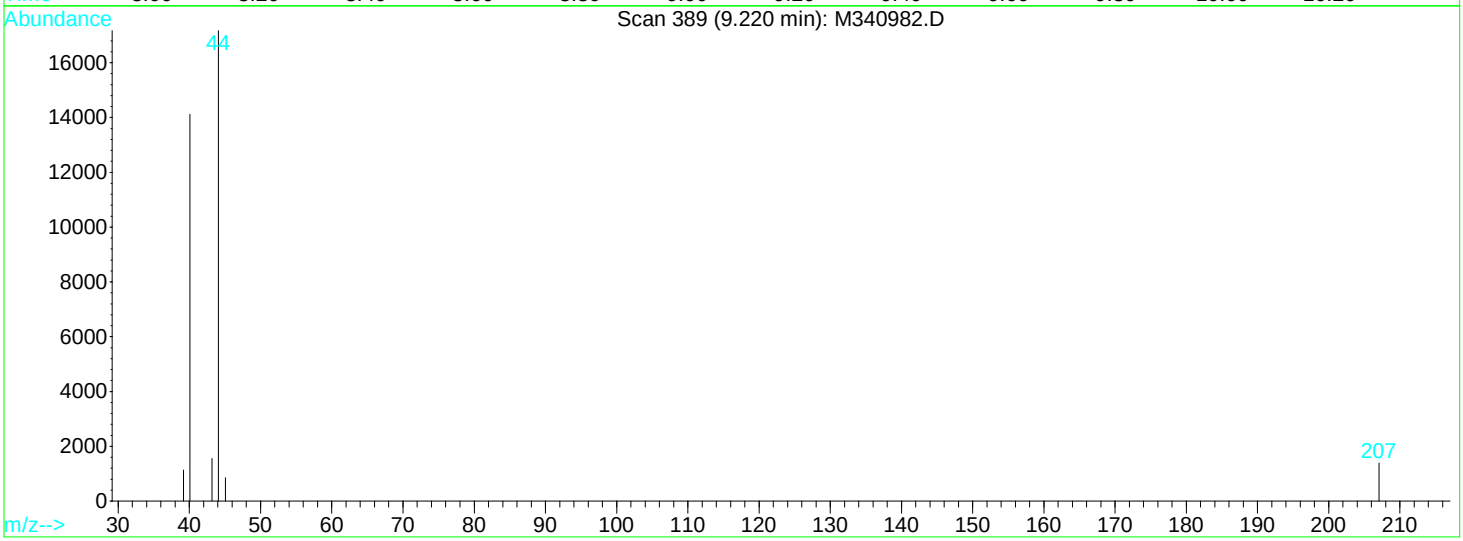
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:15 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(24) 2-Butanone

9.22min 0.37ug/l

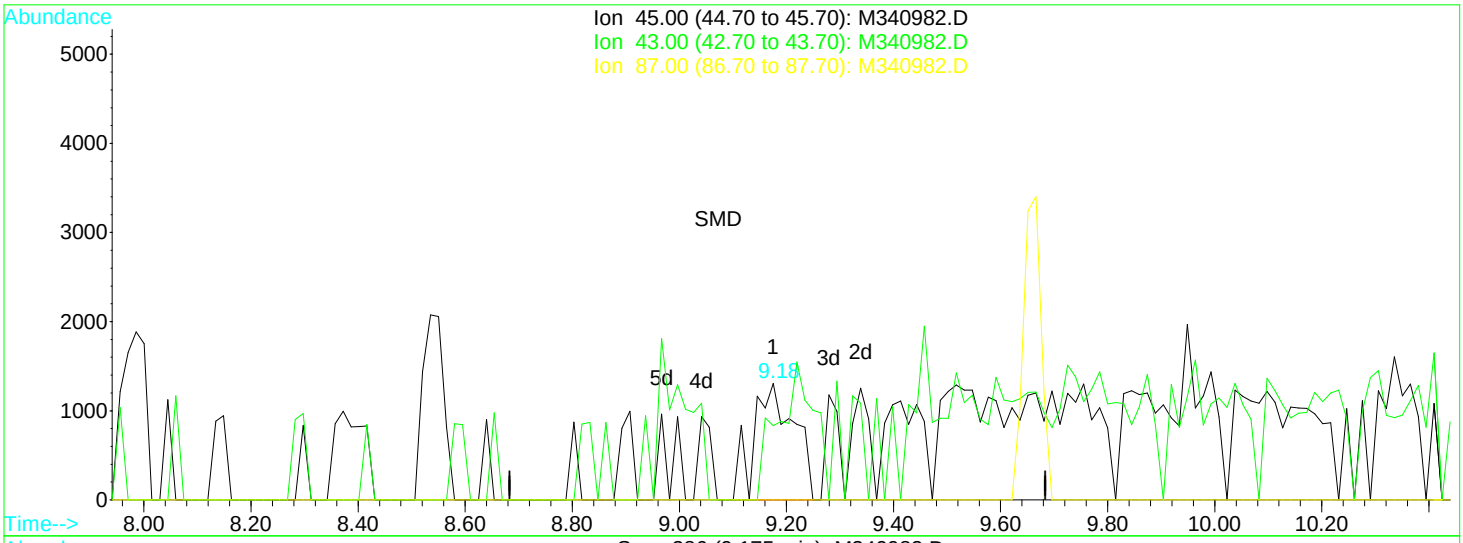
response 7263

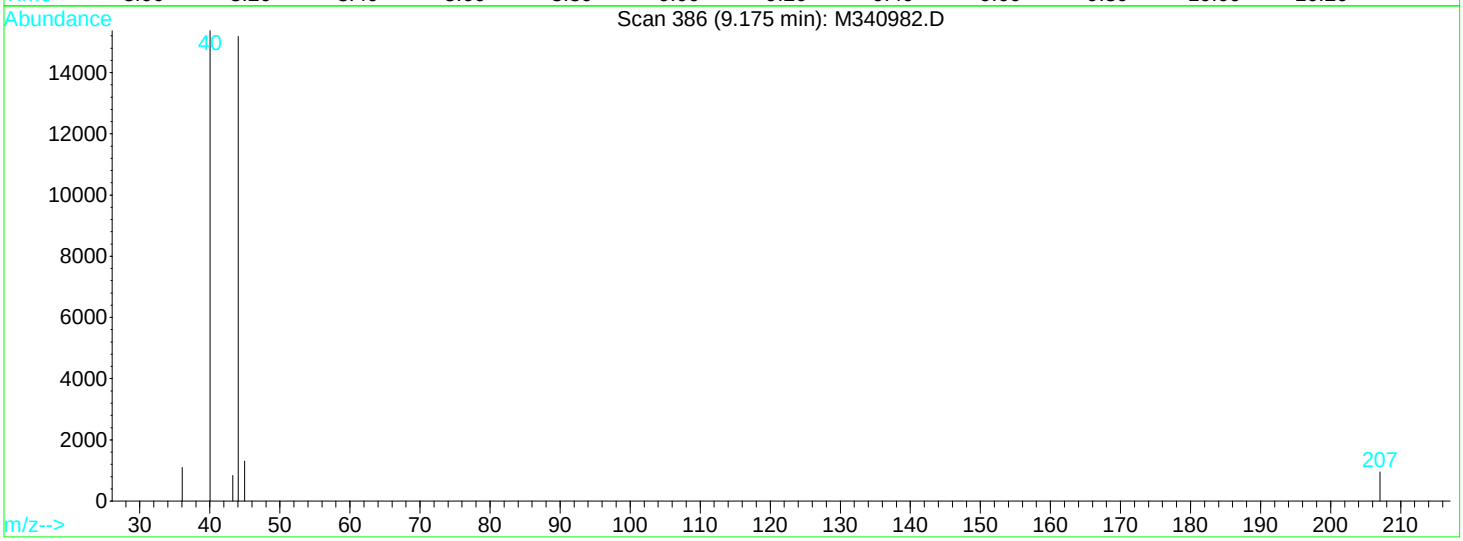
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:16 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(25) Di-isopropyl ether

9.18min 0.07ug/l

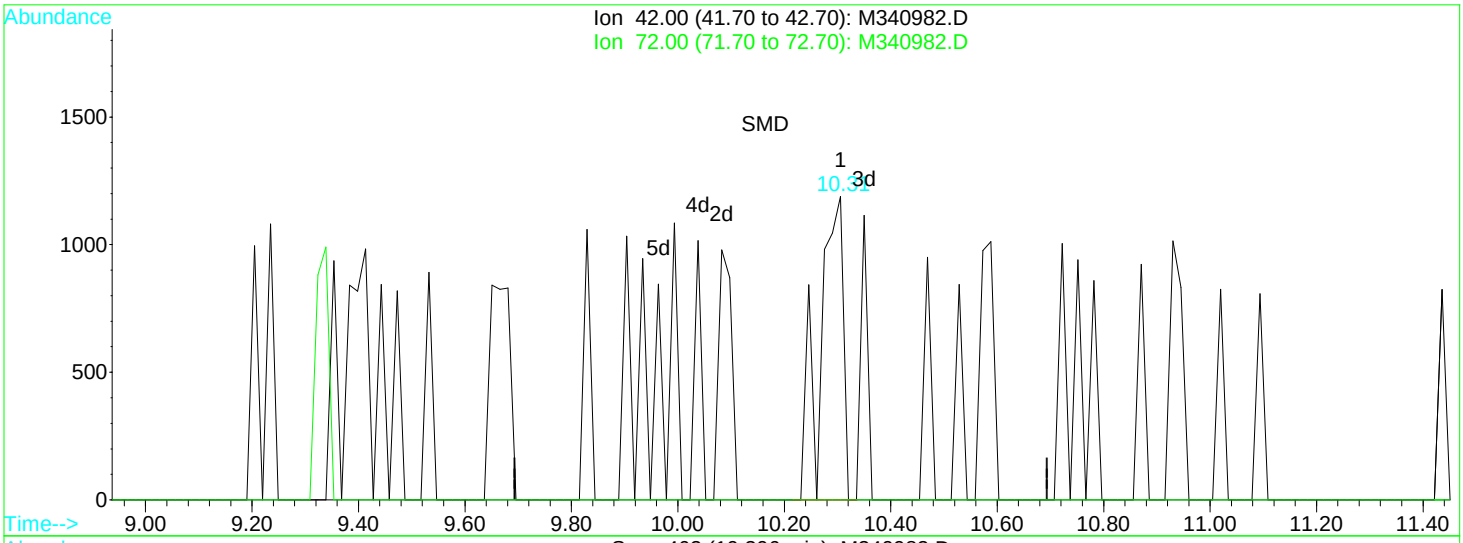
response 6930

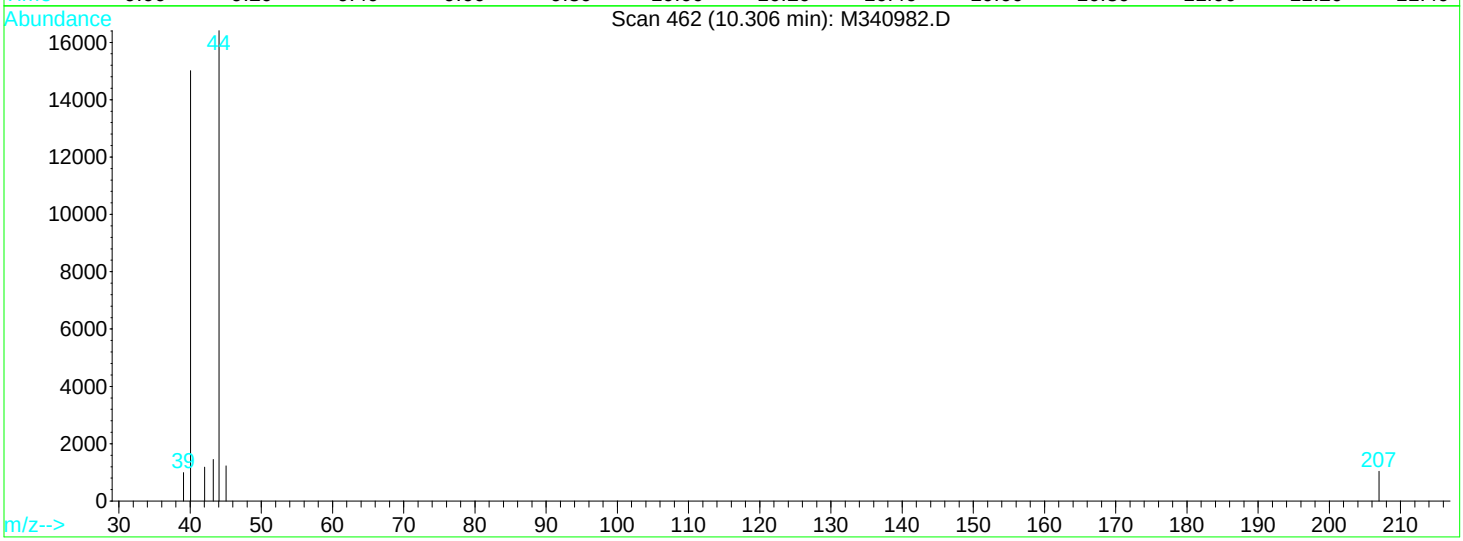
Ion	Exp%	Act%
45.00	100	100
43.00	63.30	63.76
87.00	21.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:16 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(32) Tetrahydrofuran

10.31min 0.48ug/l

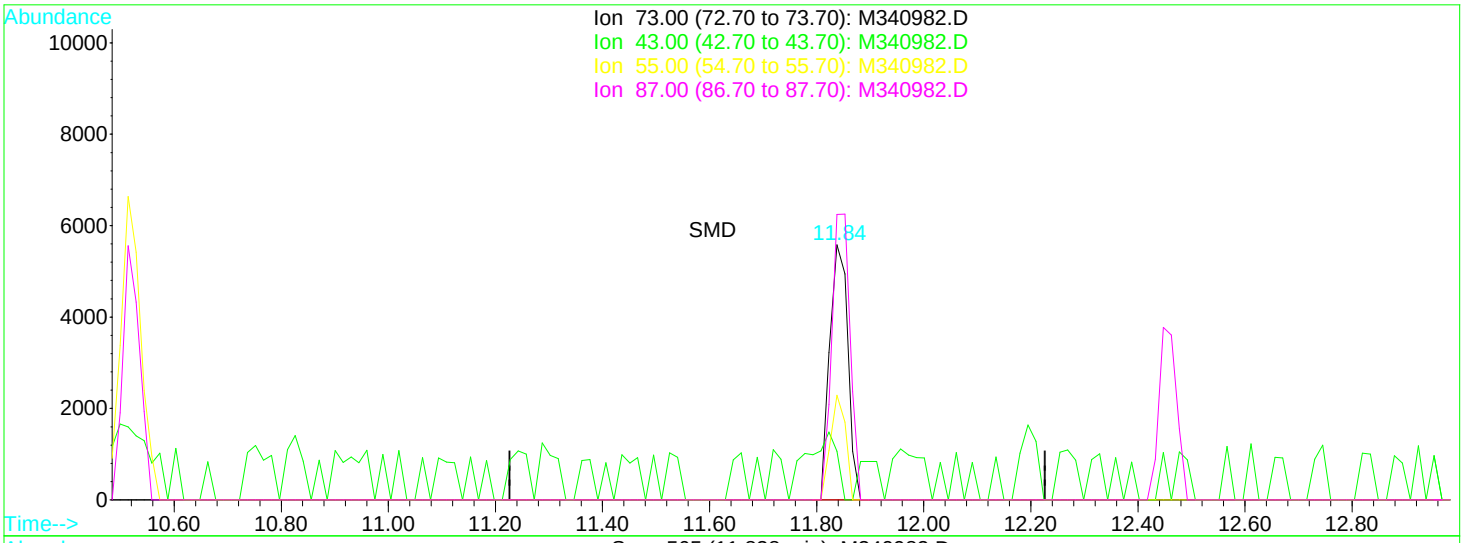
response 3622

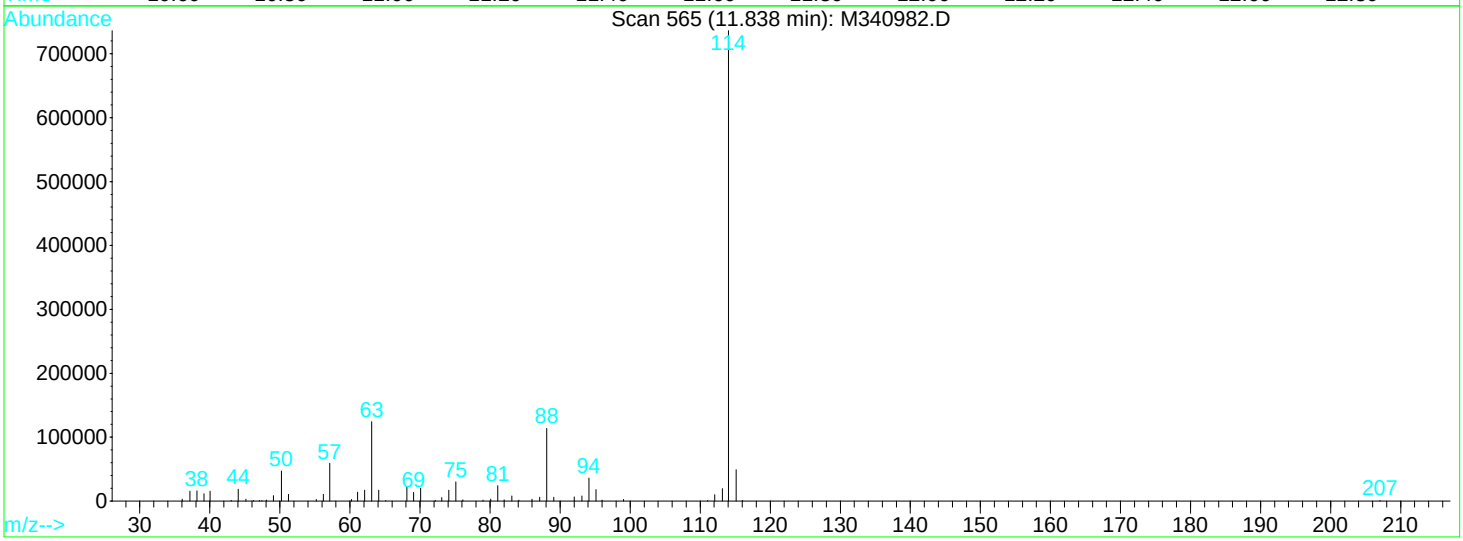
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:16 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(43) Tertiary-amyl methyl ether

11.84min 0.22ug/l

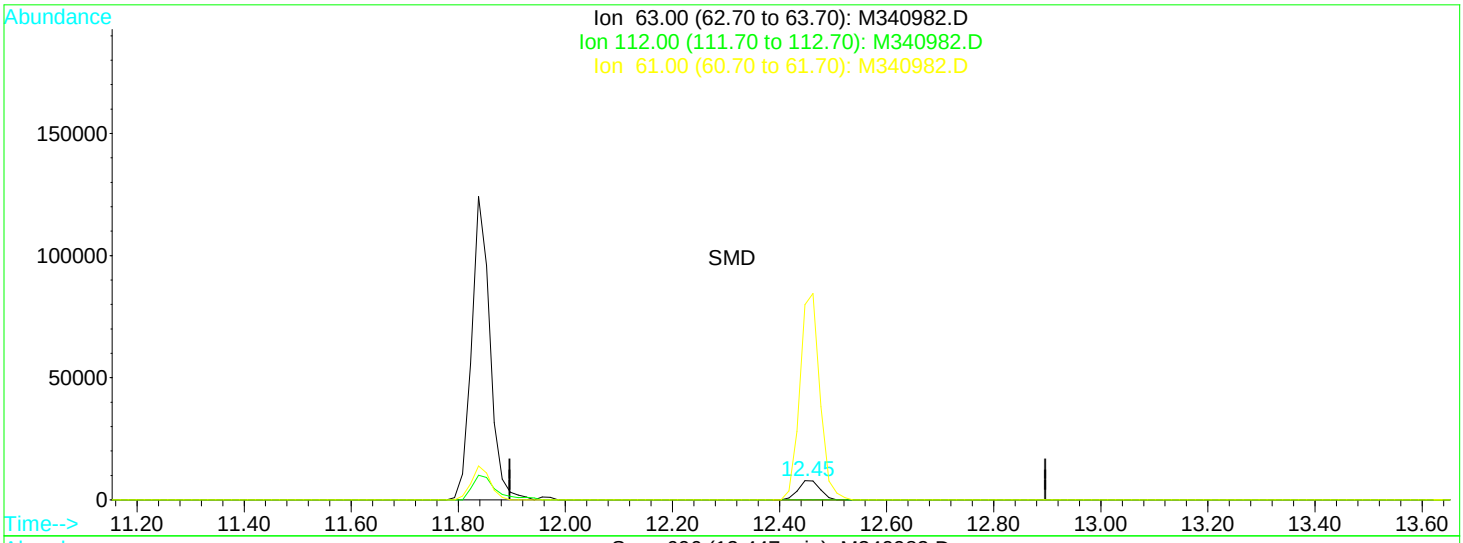
response 13214

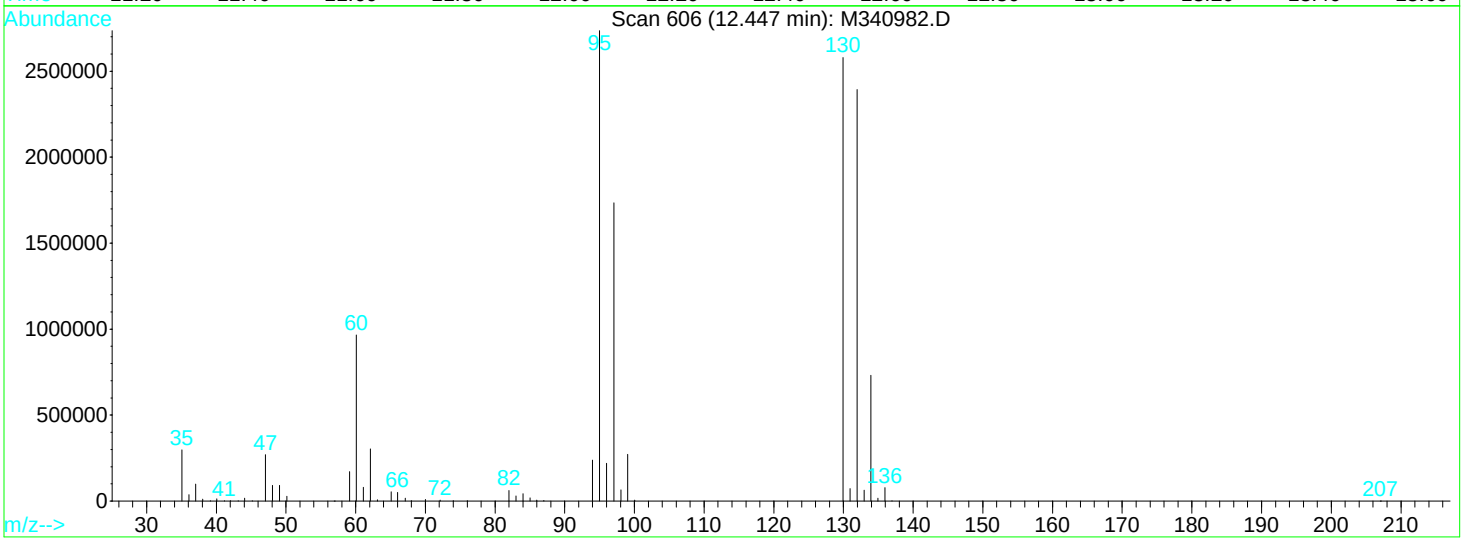
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	19.05
55.00	29.80	41.00
87.00	22.80	111.88#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:16 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(45) 1,2-Dichloropropane

12.45min 0.85ug/l

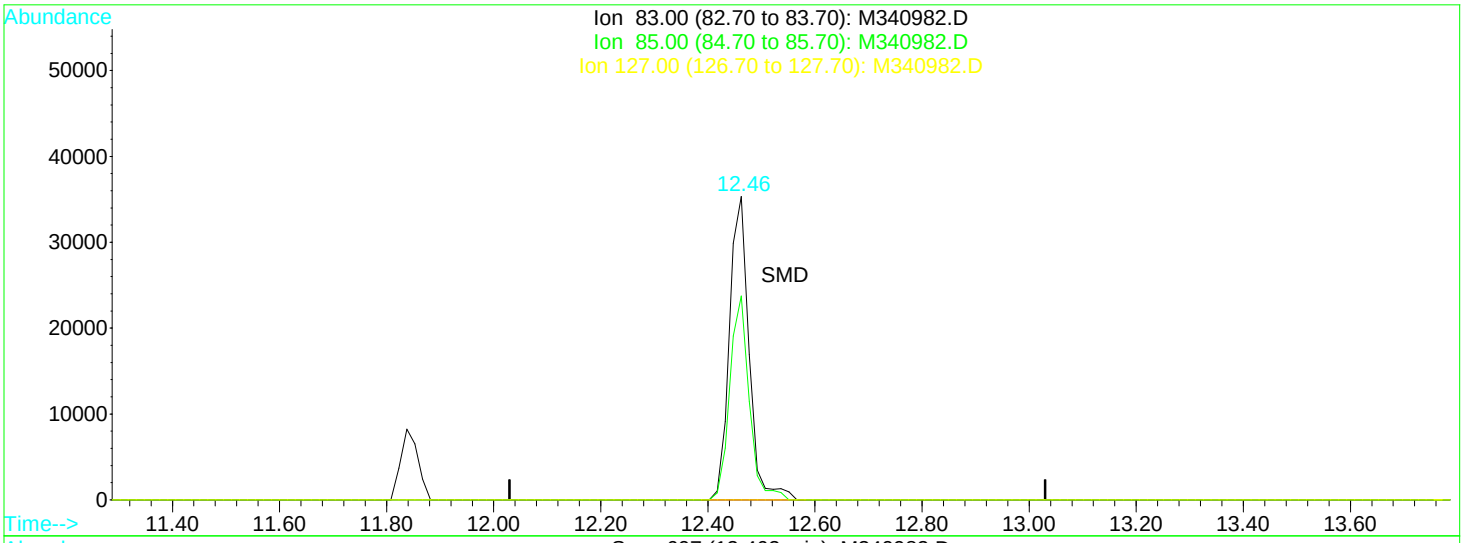
response 22243

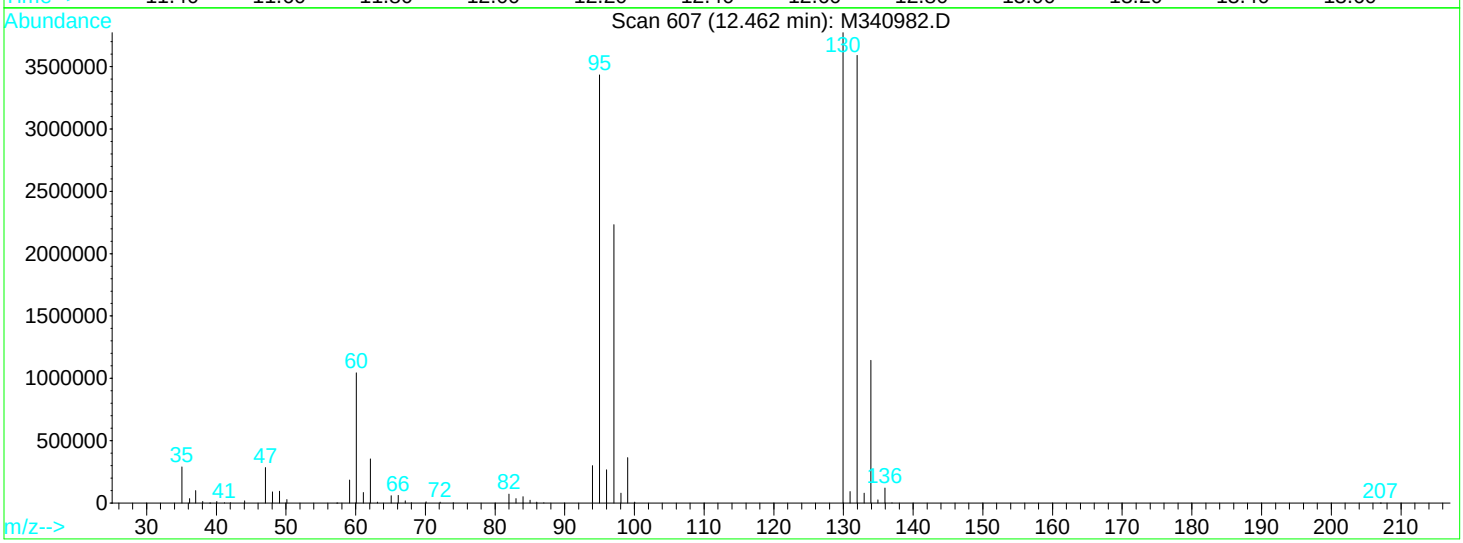
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	1019.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:16 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340982.D

(48) Bromodichloromethane

12.46min 2.81ug/l

response 89766

Ion	Exp%	Act%
83.00	100	100
85.00	63.30	67.16
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:17 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

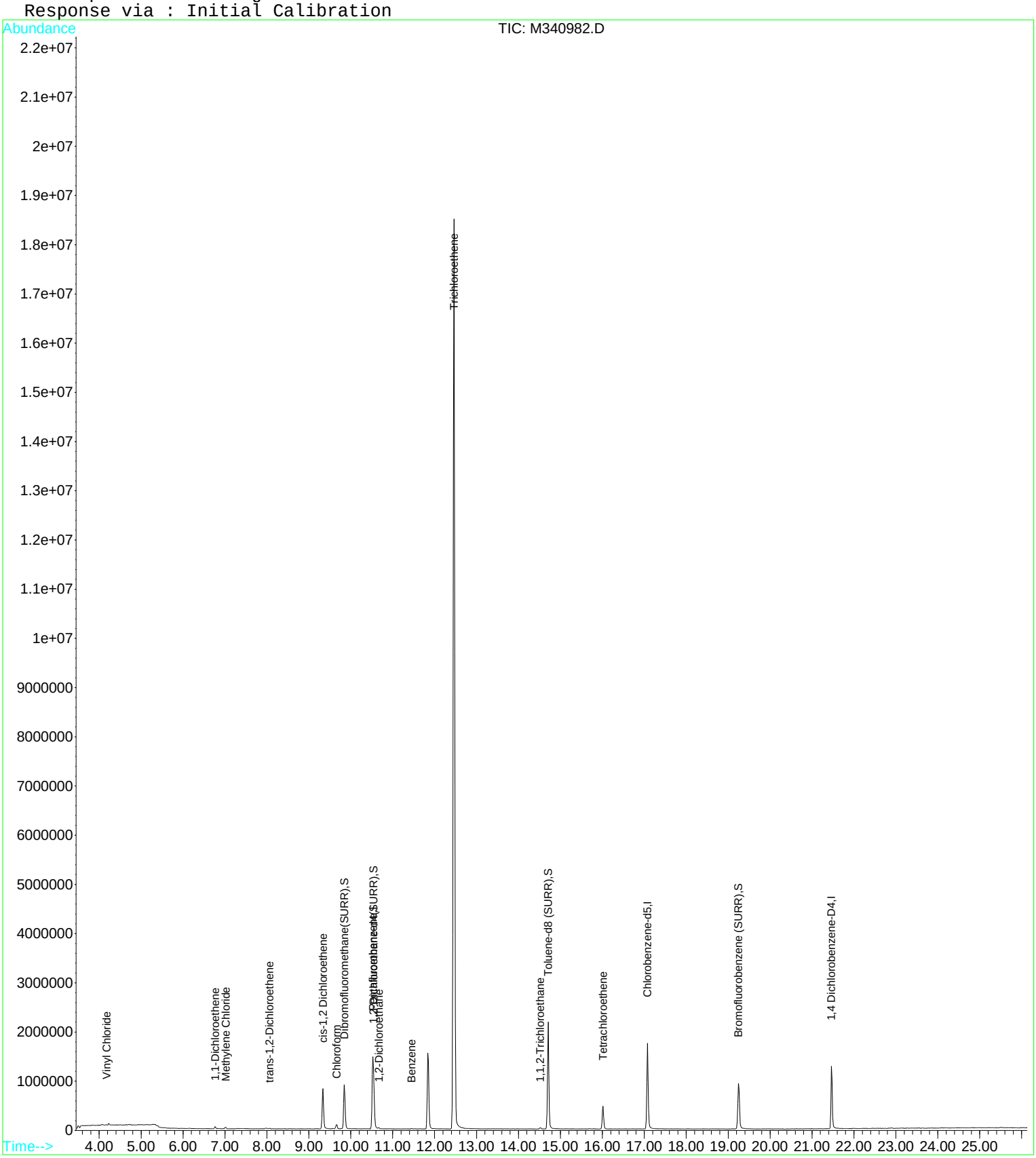
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1177612	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1630451	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.46	152	497464	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	753452	22.76	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.04%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	501629	21.22	ug/l	0.00
Spiked Amount 25.000			Recovery = 84.88%			
59) Toluene-d8 (SURR)	14.71	98	2038088	26.50	ug/l	0.00
Spiked Amount 25.000			Recovery = 106.00%			
75) Bromofluorobenzene (SURR)	19.24	95	597717	22.96	ug/l	0.00
Spiked Amount 25.000			Recovery = 91.84%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.18	62	7504	0.30	ug/l	83
16) 1,1-Dichloroethene	6.77	96	24853	1.01	ug/l	98
17) Methylene Chloride	7.02	84	19779	0.61	ug/l	91
20) trans-1,2-Dichloroethene	8.06	96	8739	0.30	ug/l	93
27) cis-1,2 Dichloroethene	9.34	96	524683	16.09	ug/l	96
33) Chloroform	9.67	83	82311	1.88	ug/l	97
40) Benzene	11.45	78	10137	0.10	ug/l	100
42) 1,2-Dichloroethane	10.68	62	14363	0.51	ug/l	96
44) Trichloroethene	12.46	95	8286542	305.30	ug/l	86
56) 1,1,2-Trichloroethane	14.51	83	8561	0.38	ug/l	91
63) Tetrachloroethene	16.02	164	169330	10.70	ug/l	95

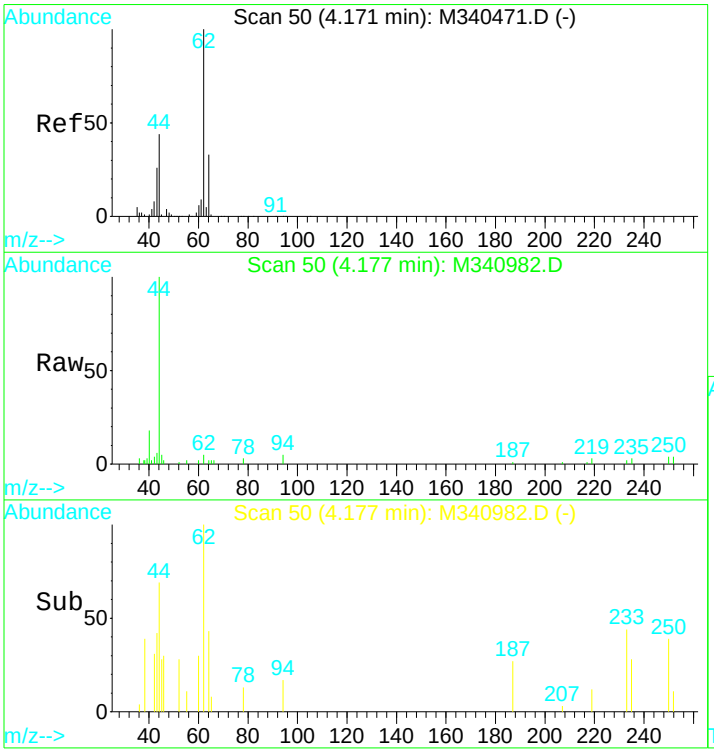
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340982.D Vial: 10
Acq On : 16 Aug 2010 1:10 pm Operator: MD
Sample : 1008142-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:17 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

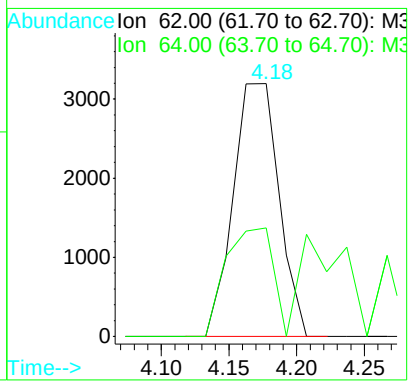


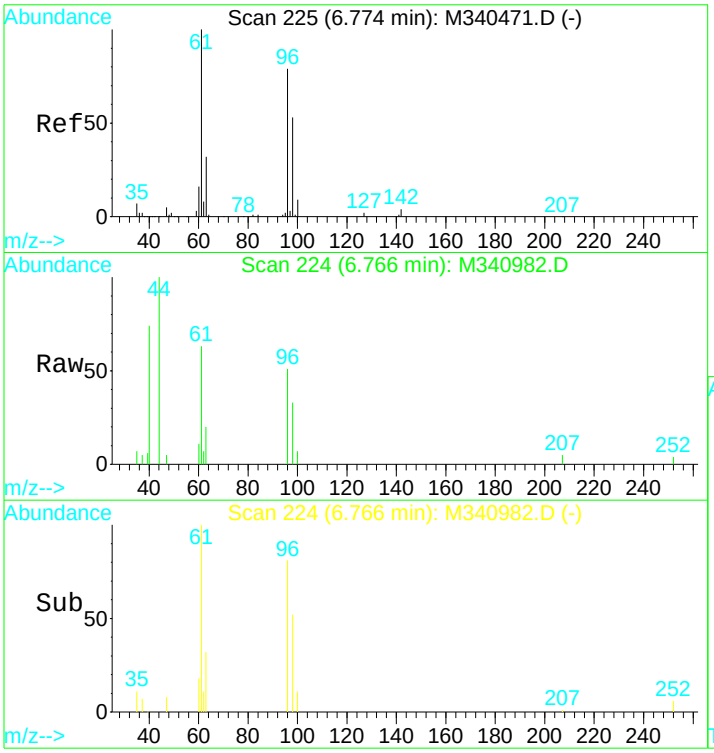


#4
Vinyl Chloride
Concen: 0.30 ug/l
RT: 4.18 min Scan# 50
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 62 Resp: 7504

Ion	Ratio	Lower	Upper
62	100		
64	43.0	3.4	63.4

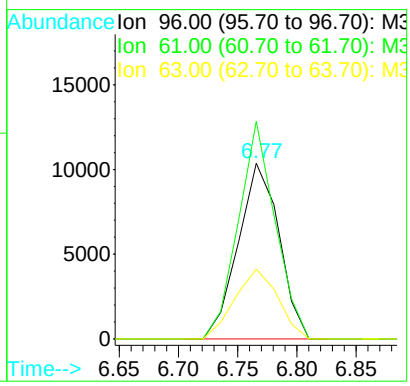


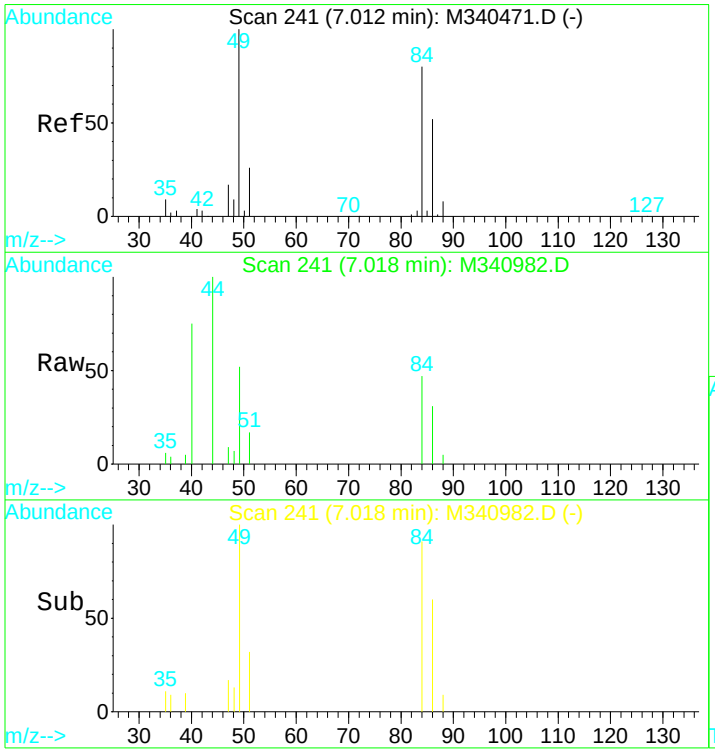


#16
1,1-Dichloroethene
Concen: 1.01 ug/l
RT: 6.77 min Scan# 224
Delta R.T. -0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 96 Resp: 24853

Ion	Ratio	Lower	Upper
96	100		
61	123.8	96.7	156.7
63	39.6	10.1	70.1

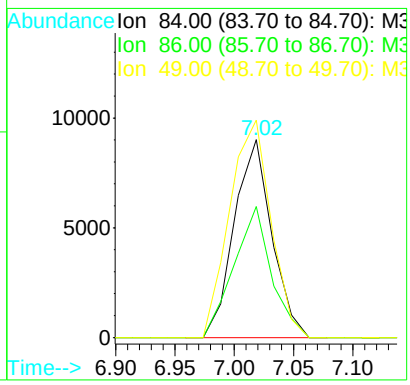


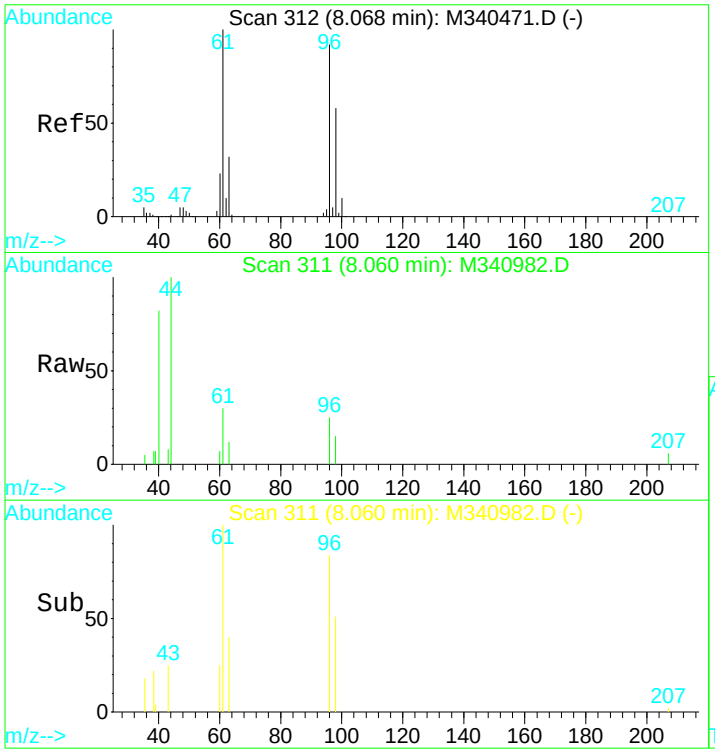


#17
Methylene Chloride
Concen: 0.61 ug/l
RT: 7.02 min Scan# 241
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 84 Resp: 19779

Ion	Ratio	Lower	Upper
84	100		
86	66.3	34.9	94.9
49	109.9	95.2	155.2

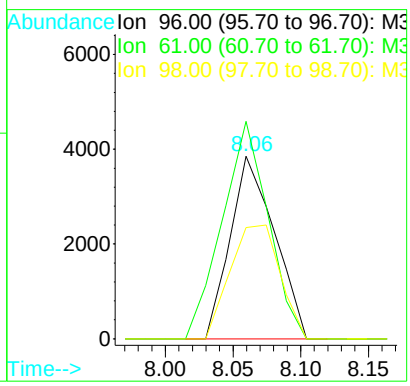


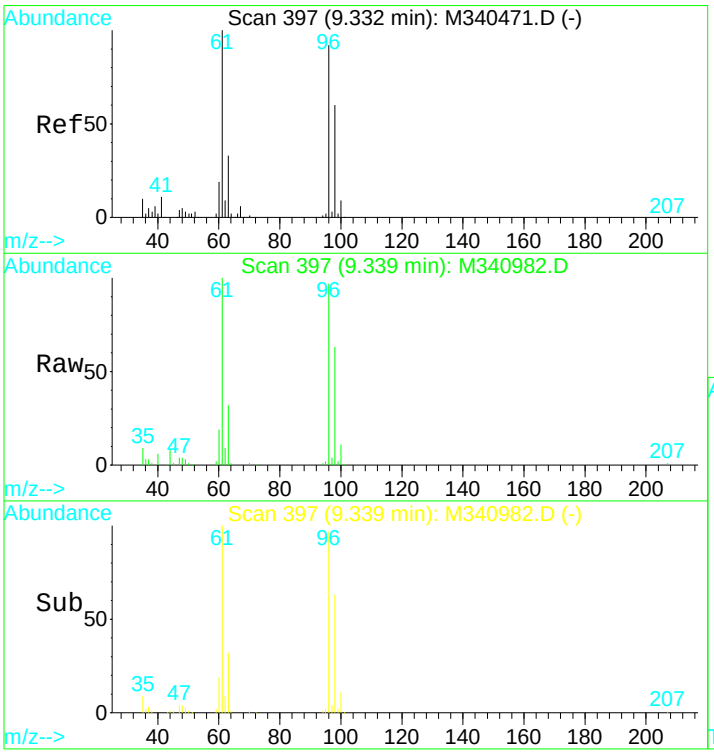


#20
trans-1,2-Dichloroethene
Concen: 0.30 ug/l
RT: 8.06 min Scan# 311
Delta R.T. -0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 96 Resp: 8739

Ion	Ratio	Lower	Upper
96	100		
61	119.0	78.7	138.7
98	60.9	33.5	93.5

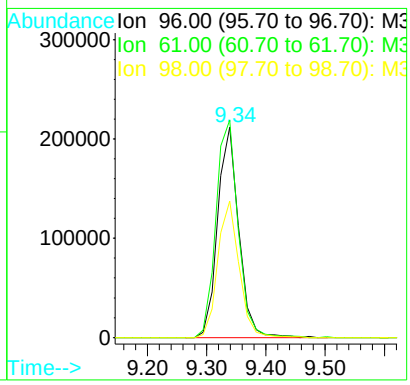


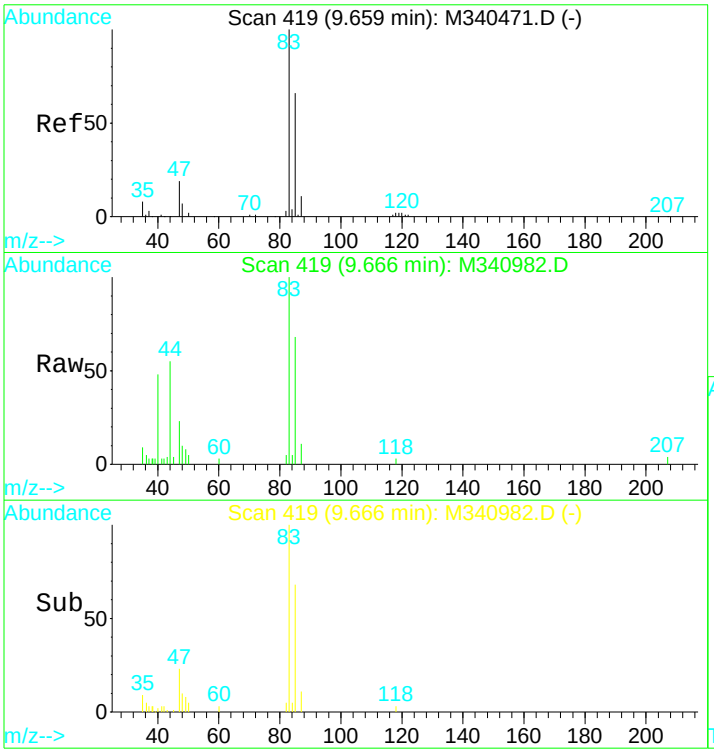


#27
cis-1,2 Dichloroethene
Concen: 16.09 ug/l
RT: 9.34 min Scan# 397
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 96 Resp: 524683

Ion	Ratio	Lower	Upper
96	100		
61	103.3	79.2	139.2
98	64.9	35.1	95.1

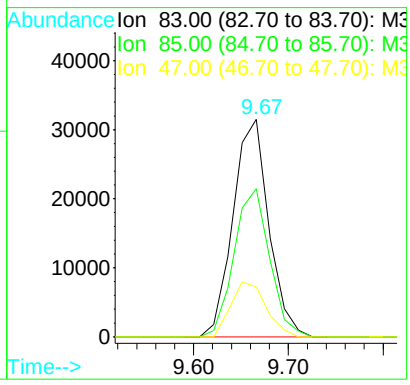


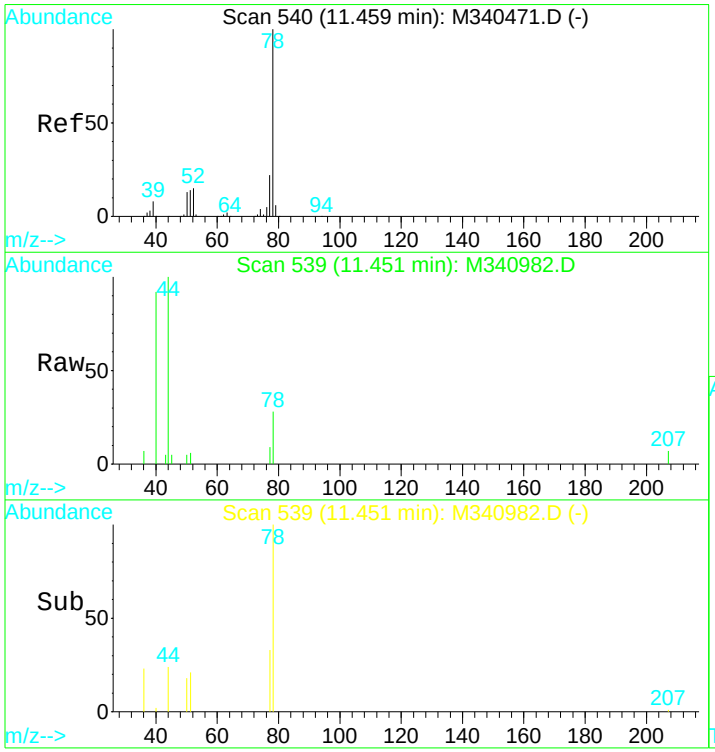


#33
Chloroform
Concen: 1.88 ug/l
RT: 9.67 min Scan# 419
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 83 Resp: 82311

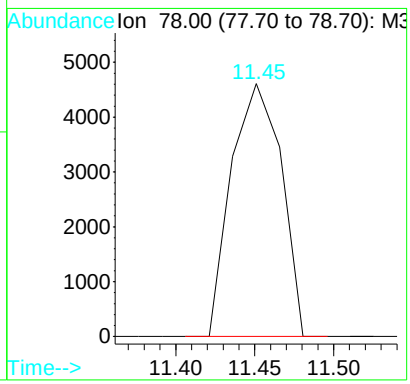
Ion	Ratio	Lower	Upper
83	100		
85	68.1	35.8	95.8
47	22.8	0.0	54.6

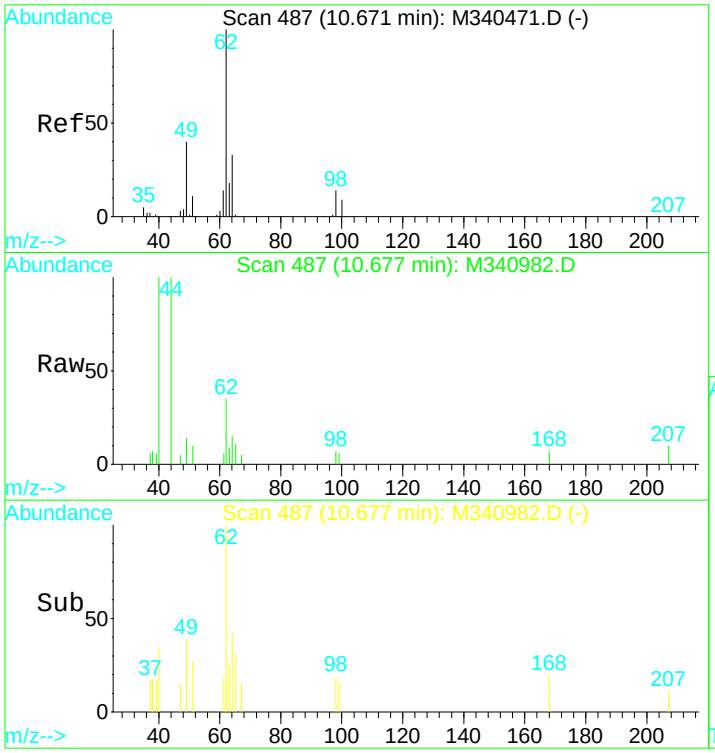




#40
Benzene
Concen: 0.10 ug/l
RT: 11.45 min Scan# 539
Delta R.T. -0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 78 Resp: 10137

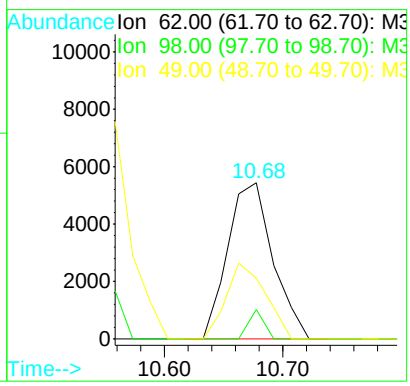


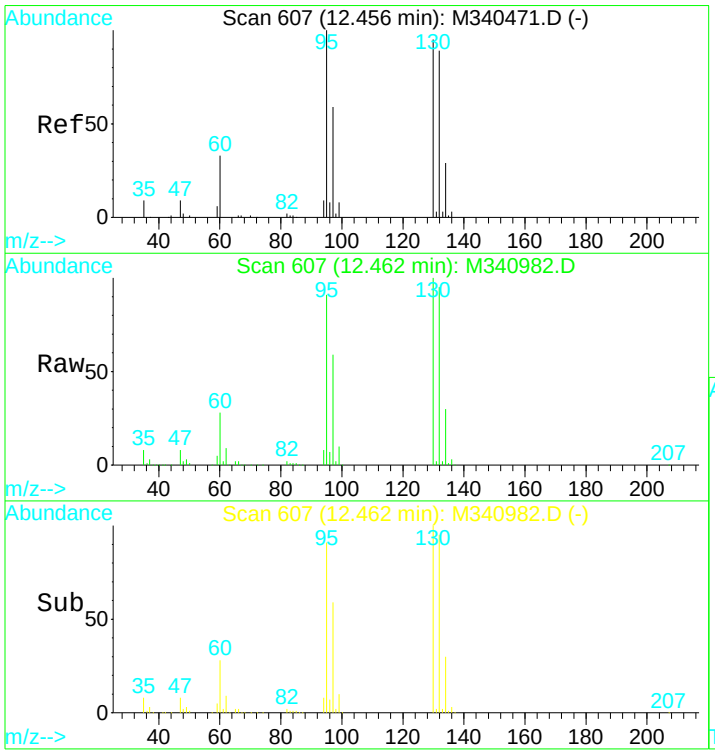


#42
1,2-Dichloroethane
Concen: 0.51 ug/l
RT: 10.68 min Scan# 487
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 62 Resp: 14363

Ion	Ratio	Lower	Upper
62	100		
98	18.9	0.0	44.1
49	39.0	9.8	69.8

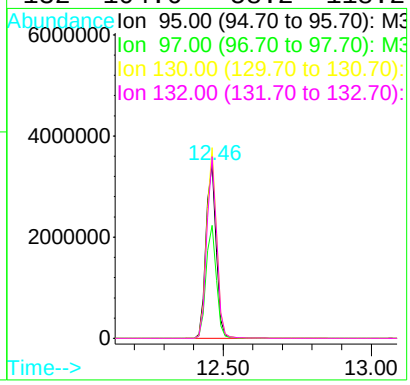


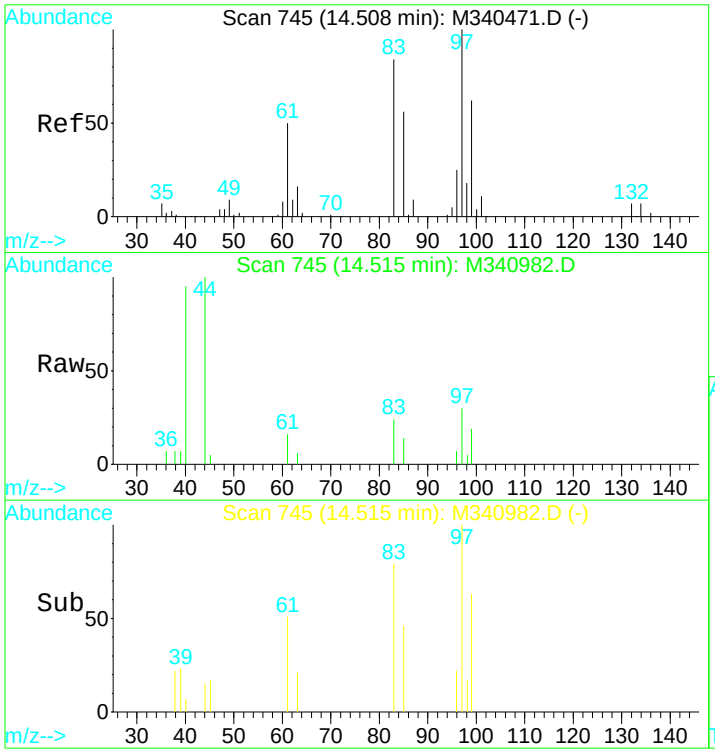


#44
Trichloroethene
Concen: 305.30 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 95 Resp: 8286542

Ion	Ratio	Lower	Upper
95	100		
97	65.0	31.8	91.8
130	109.9	64.0	124.0
132	104.6	58.2	118.2

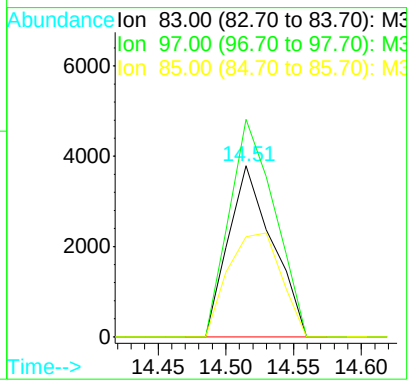


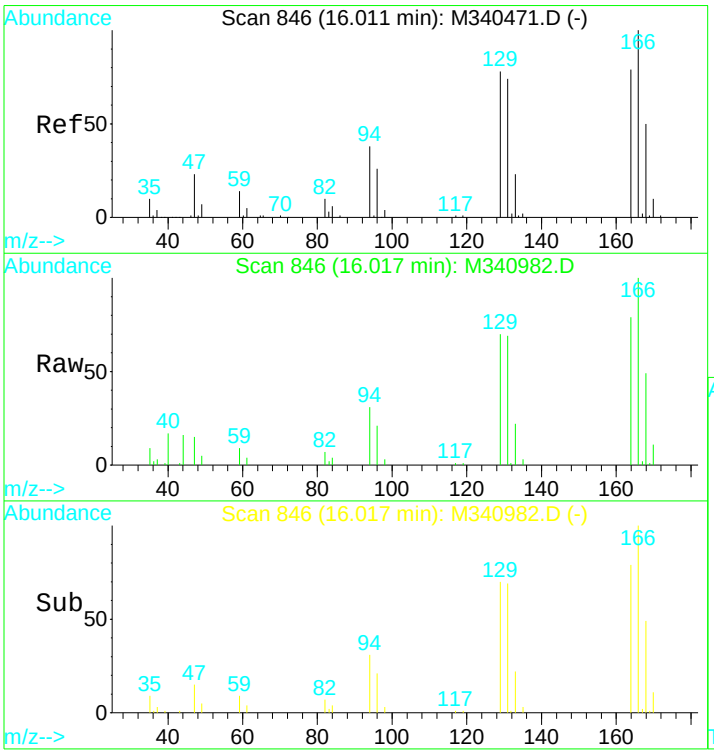


#56
1,1,2-Trichloroethane
Concen: 0.38 ug/l
RT: 14.51 min Scan# 745
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion: 83 Resp: 8561

Ion	Ratio	Lower	Upper
83	100		
97	127.2	88.5	148.5
85	58.5	36.8	96.8

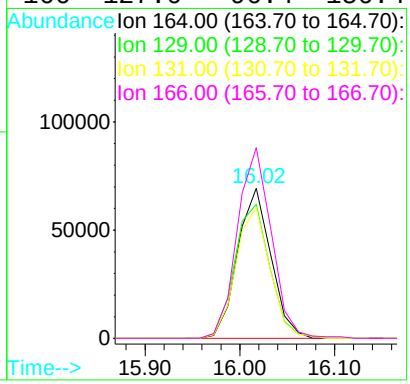




#63
Tetrachloroethene
Concen: 10.70 ug/l
RT: 16.02 min Scan# 846
Delta R.T. 0.01 min
Lab File: M340982.D
Acq: 16 Aug 2010 1:10 pm

Tgt Ion:164 Resp: 169330

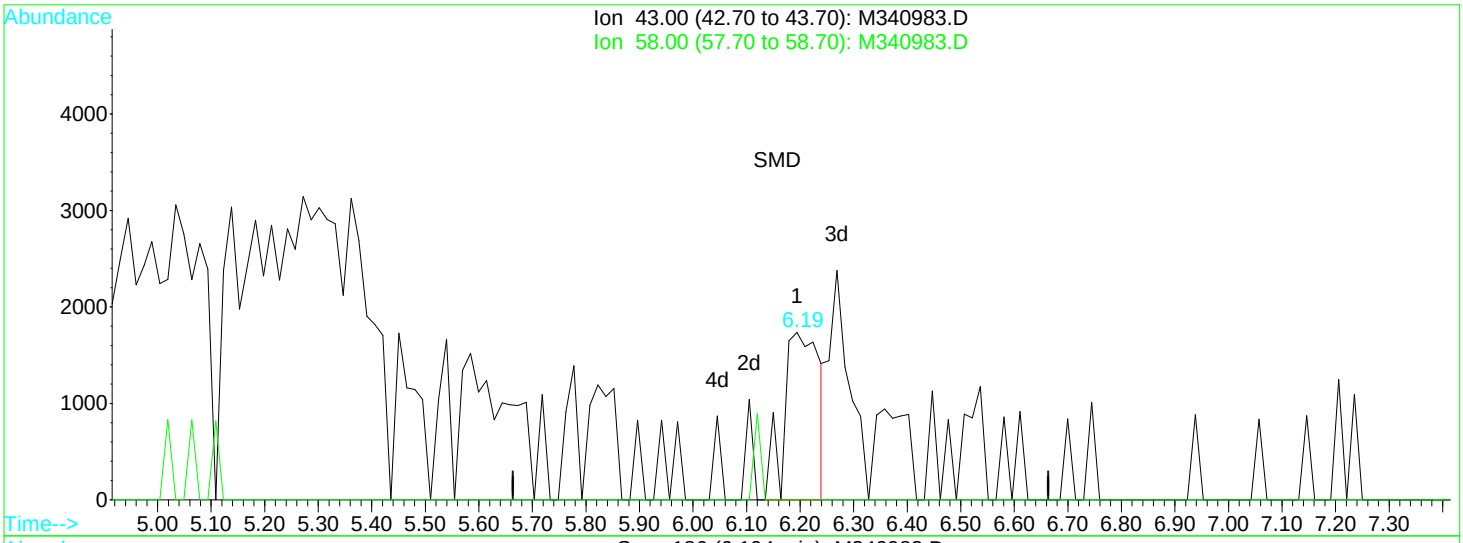
Ion	Ratio	Lower	Upper
164	100		
129	89.2	68.3	128.3
131	87.2	63.6	123.6
166	127.0	96.4	156.4

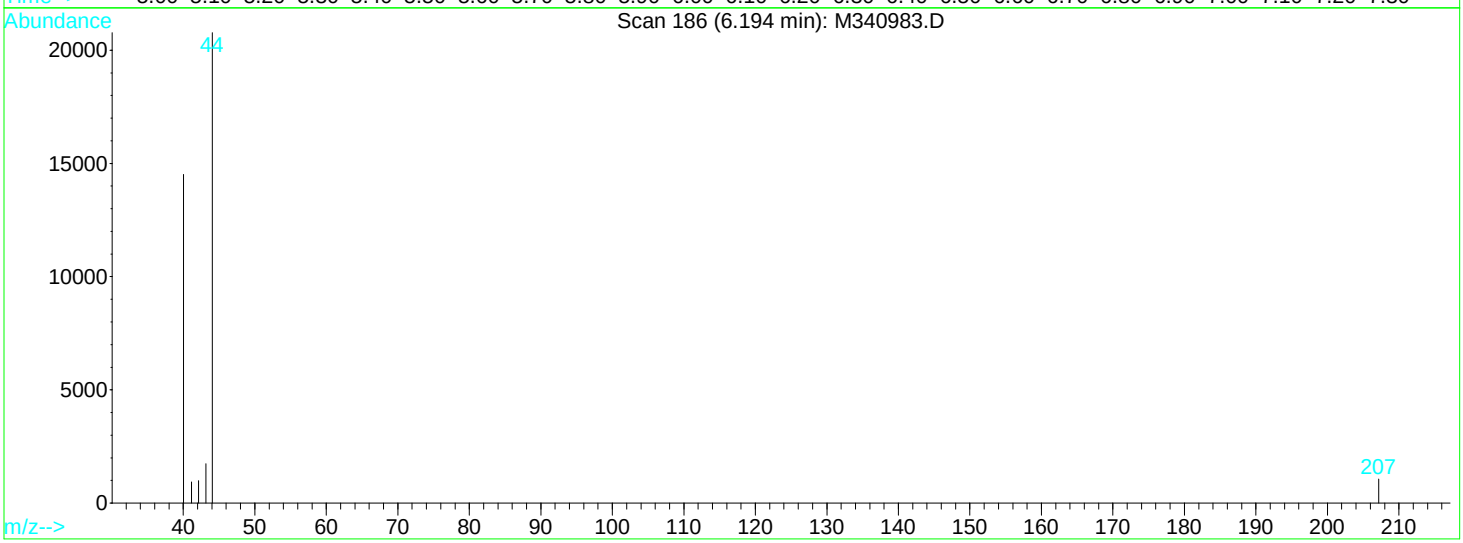


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(10) Acetone

6.19min 1.10ug/l

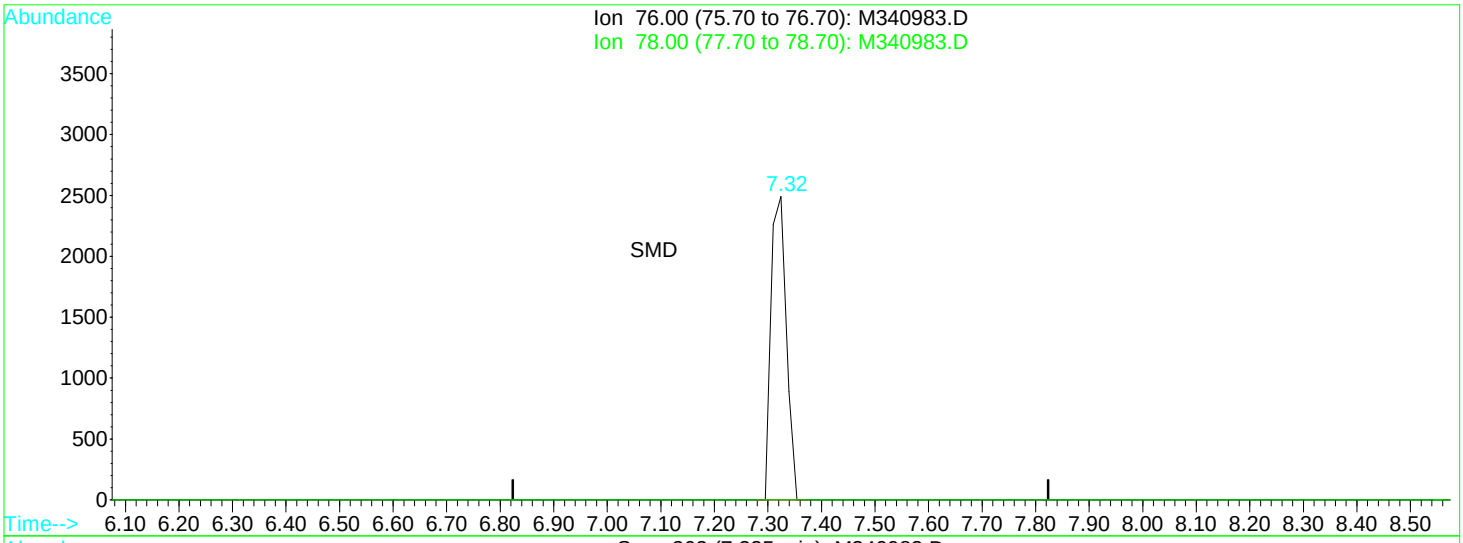
response 7971

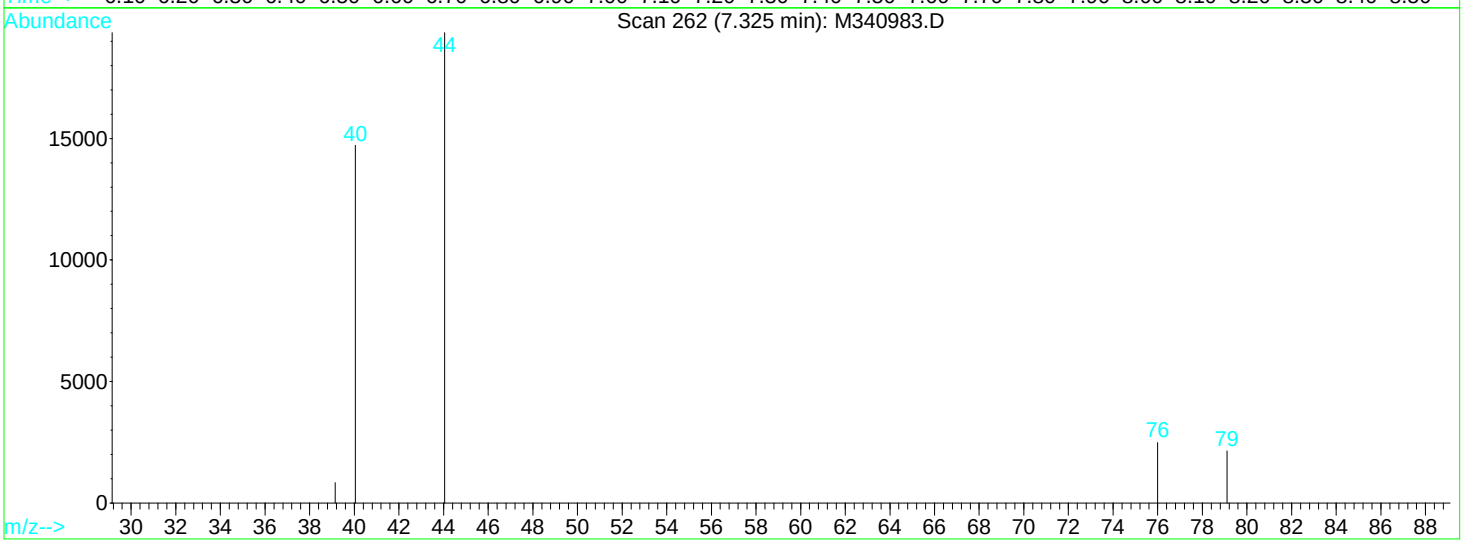
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(15) Carbon Disulfide

7.32min 0.07ug/l

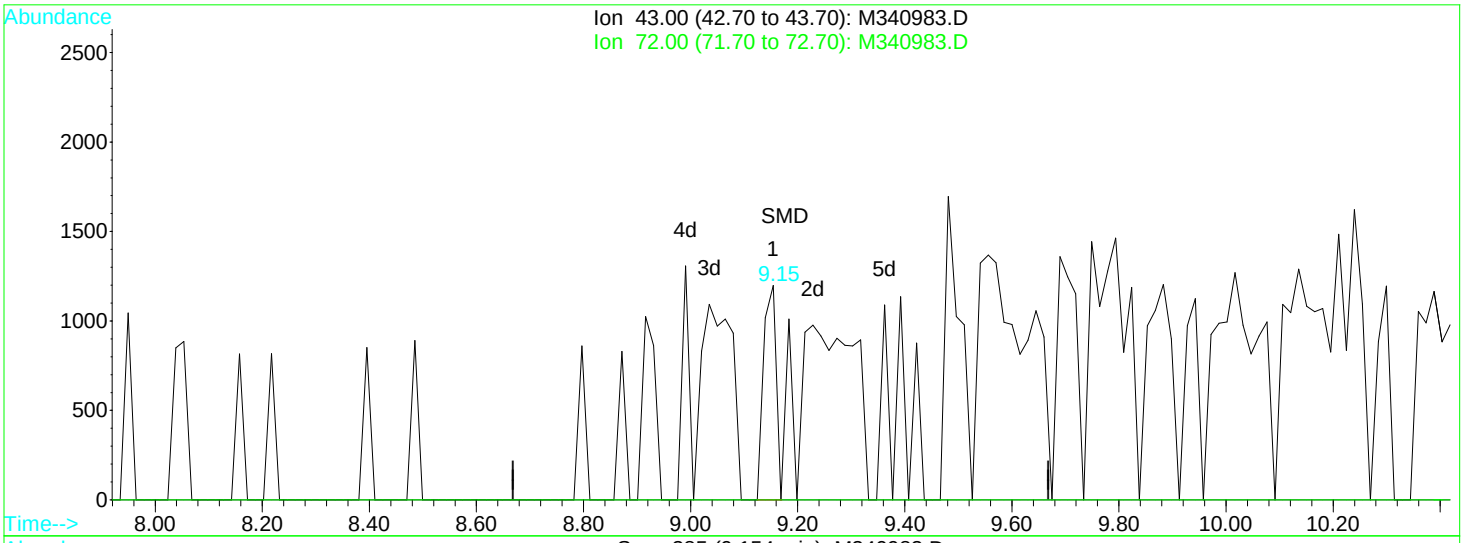
response 5036

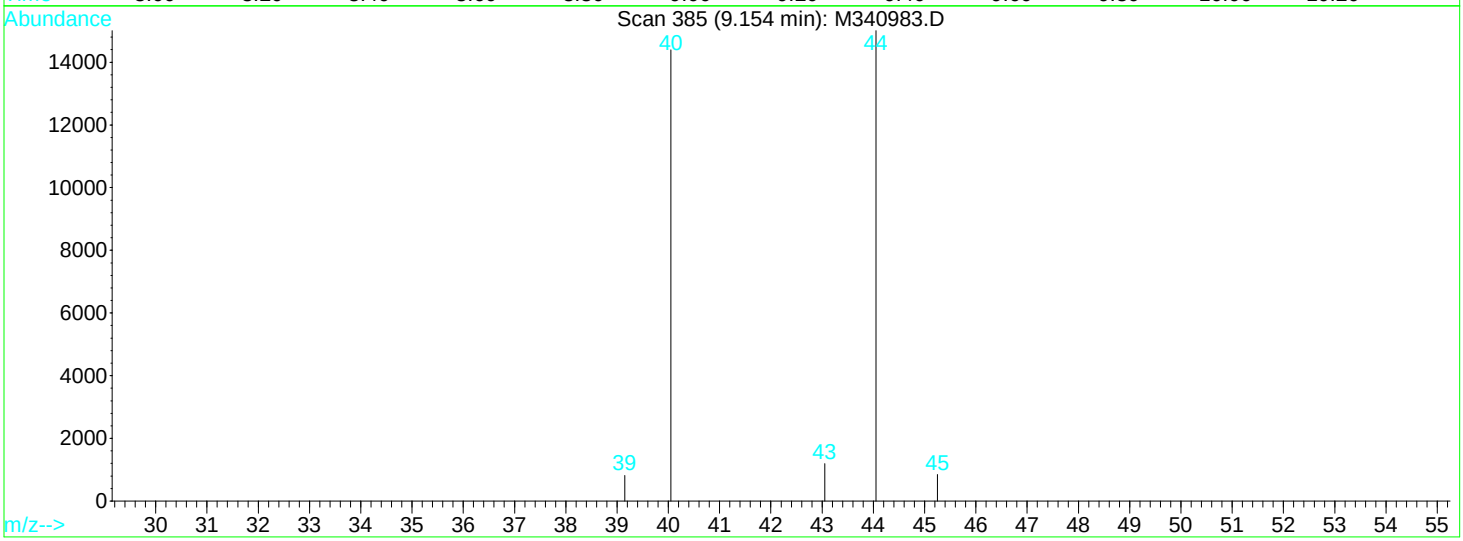
Ion	Exp%	Act%
76.00	100	100
78.00	9.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(24) 2-Butanone

9.15min 0.10ug/l

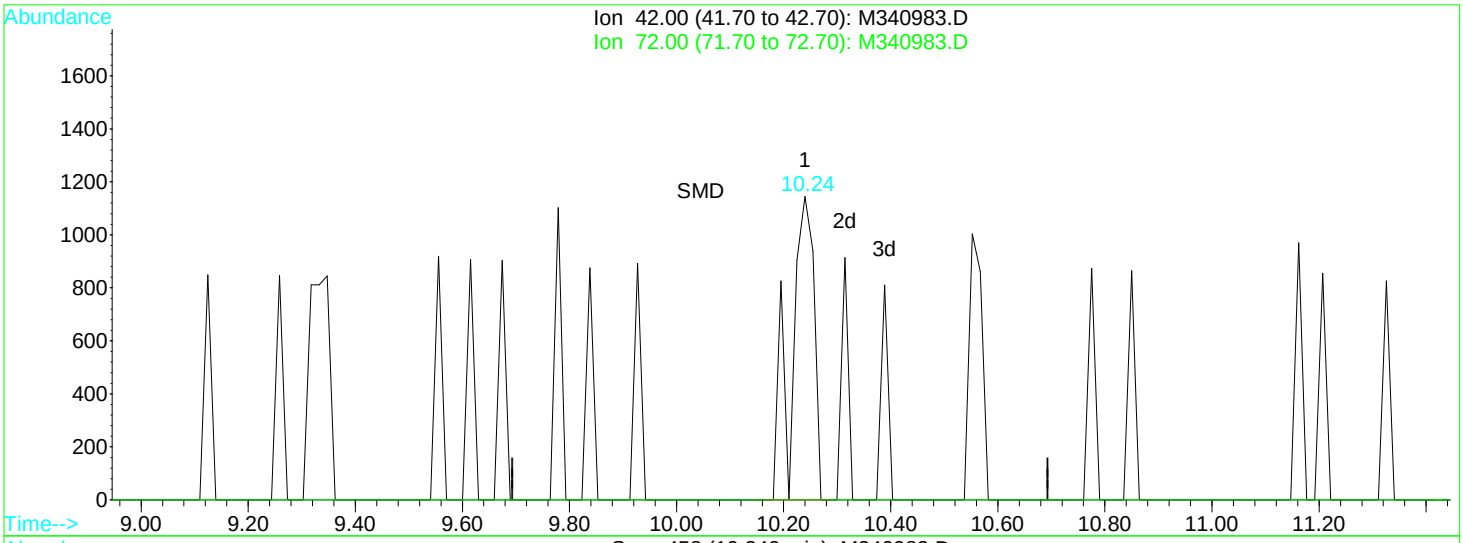
response 1977

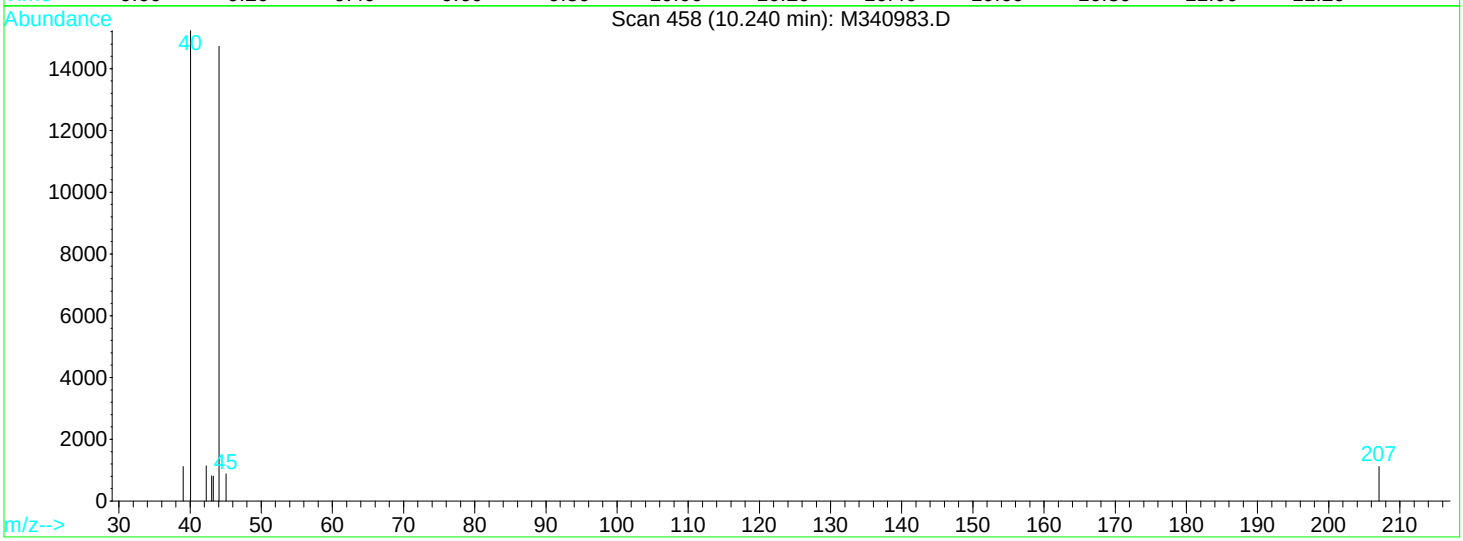
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(32) Tetrahydrofuran

10.24min 0.44ug/l

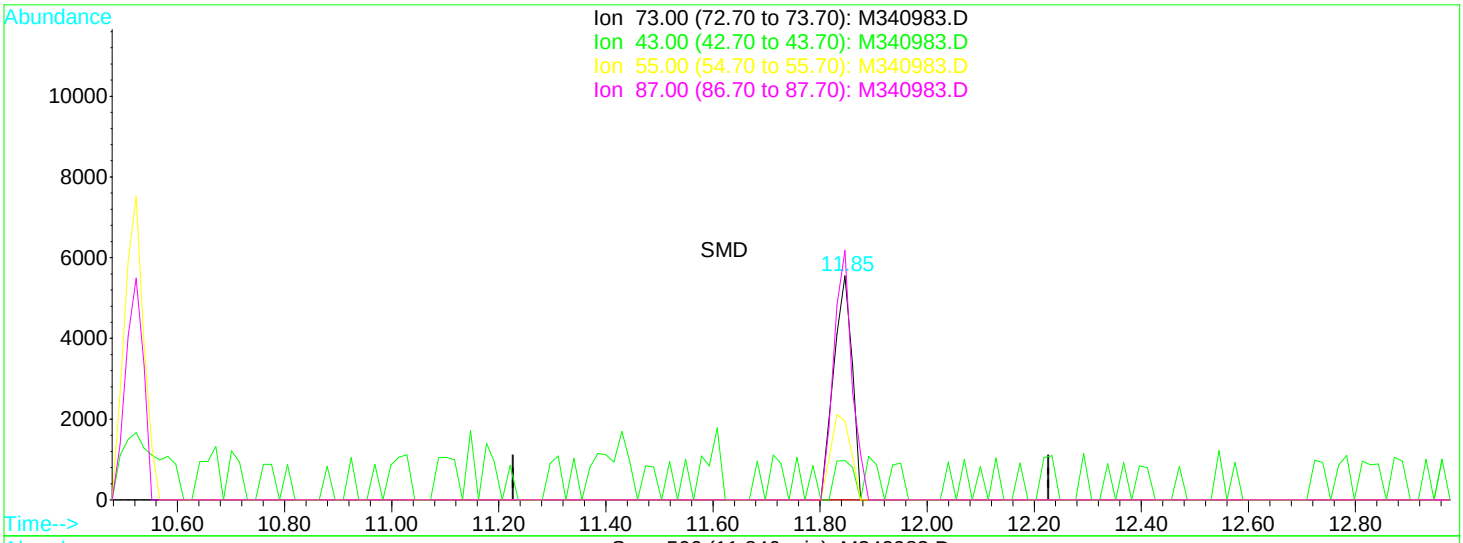
response 3403

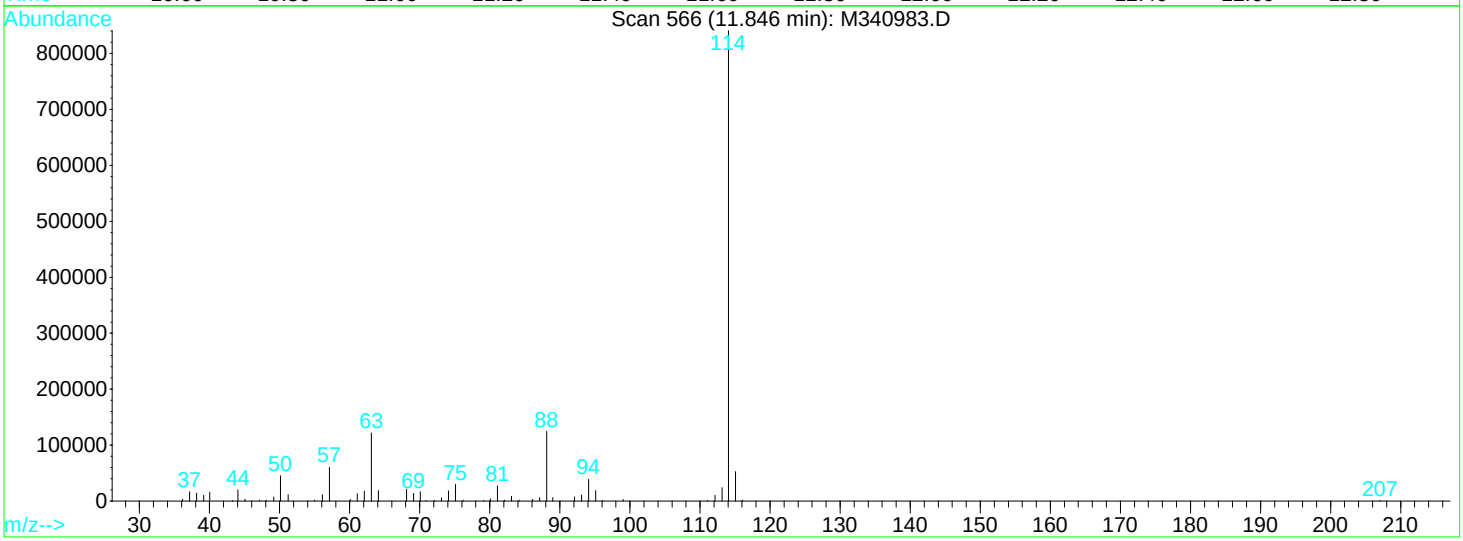
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(43) Tertiary-amyl methyl ether

11.85min 0.22ug/l

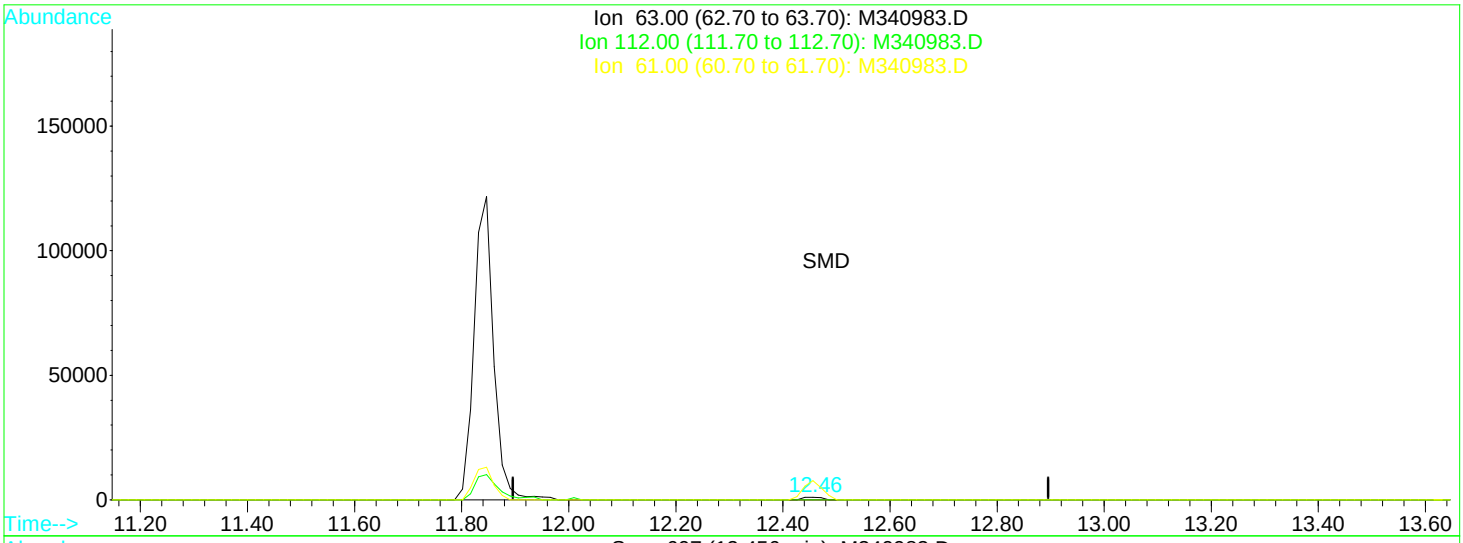
response 13357

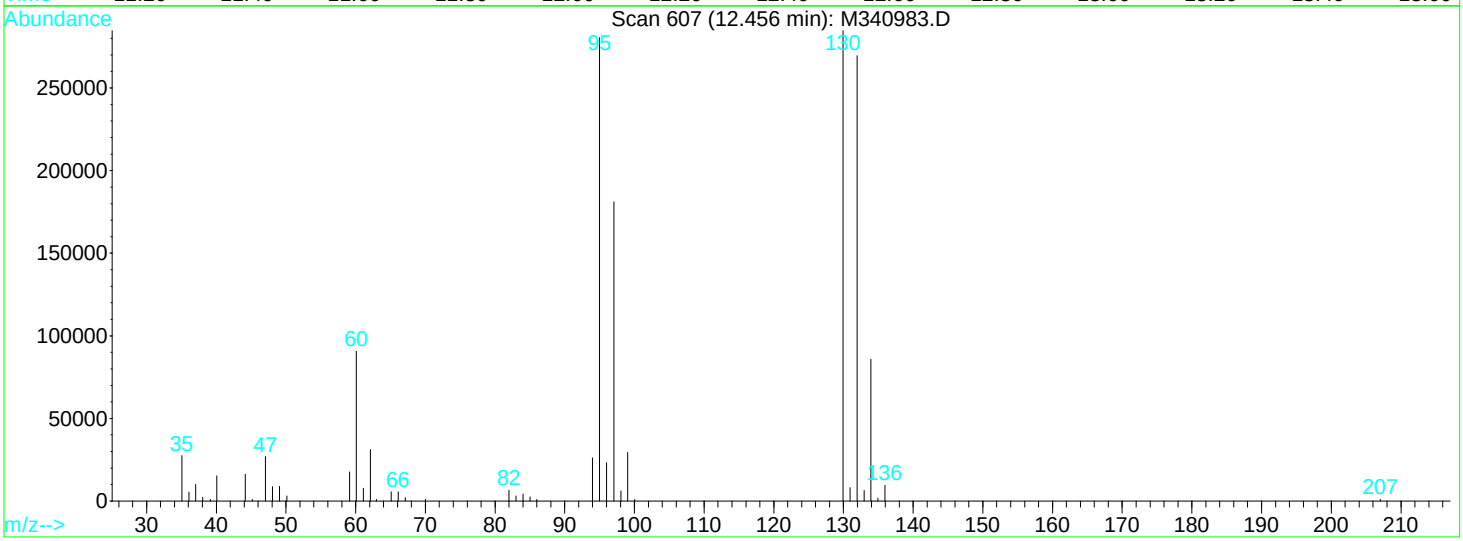
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	17.53
55.00	29.80	35.09
87.00	22.80	111.50#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(45) 1,2-Dichloropropane

12.46min 0.10ug/l

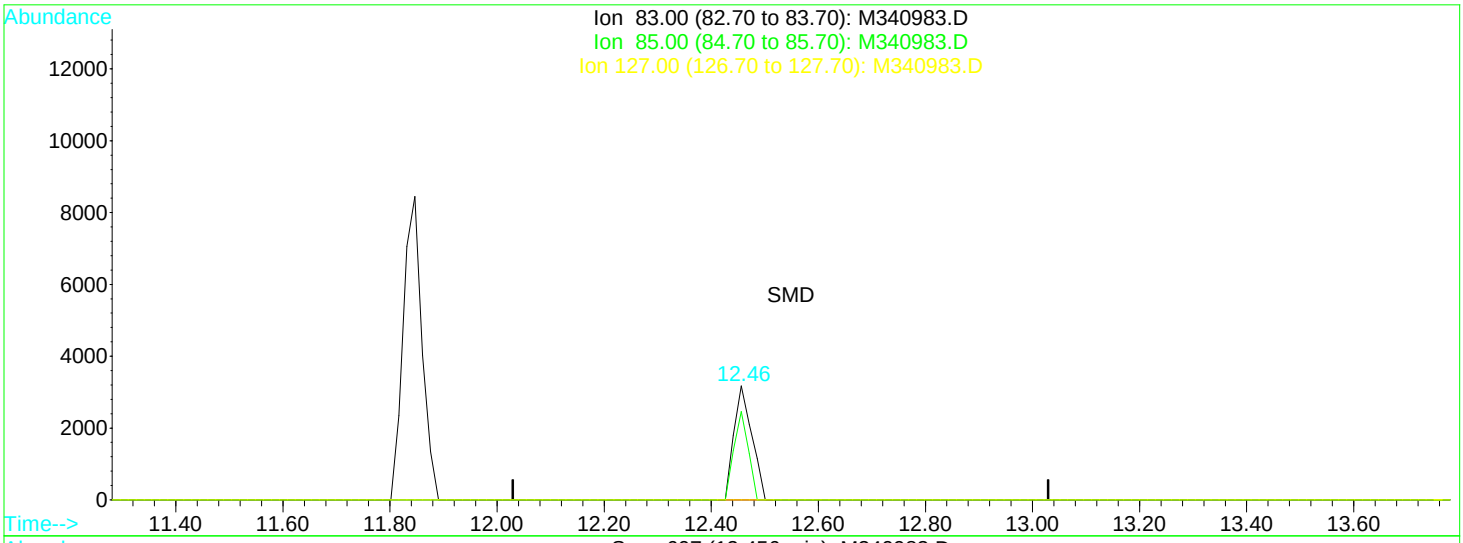
response 2585

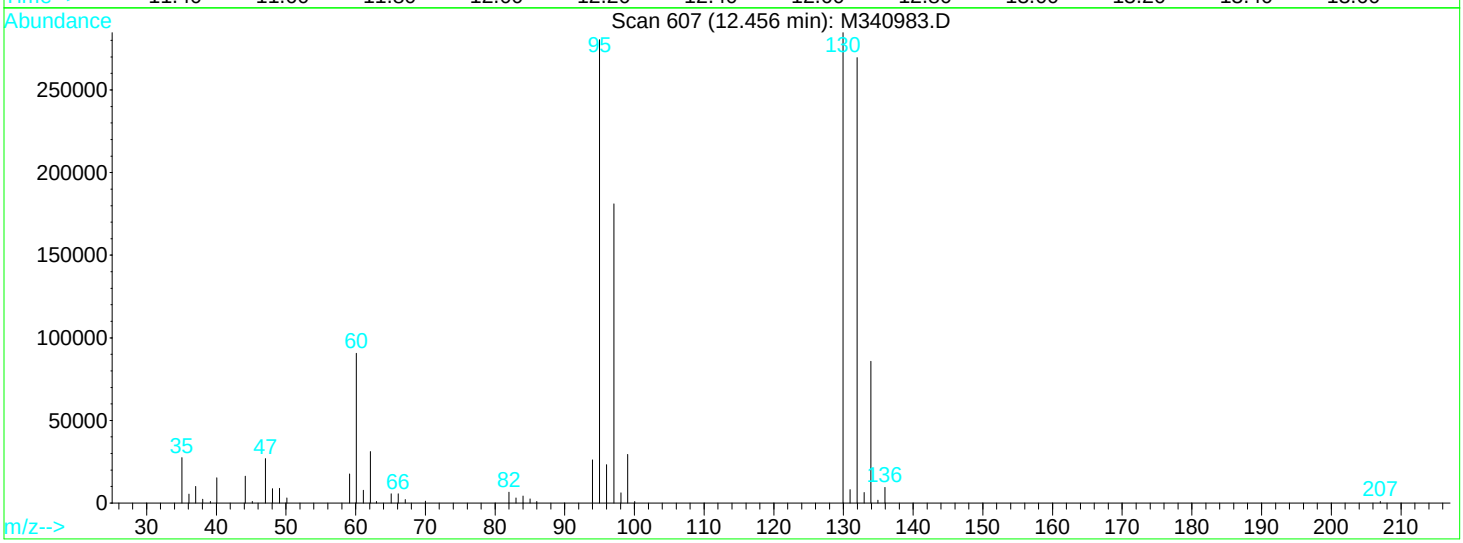
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	728.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340983.D

(48) Bromodichloromethane

12.46min 0.23ug/l

response 7341

Ion	Exp%	Act%
83.00	100	100
85.00	63.30	77.51
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:20 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

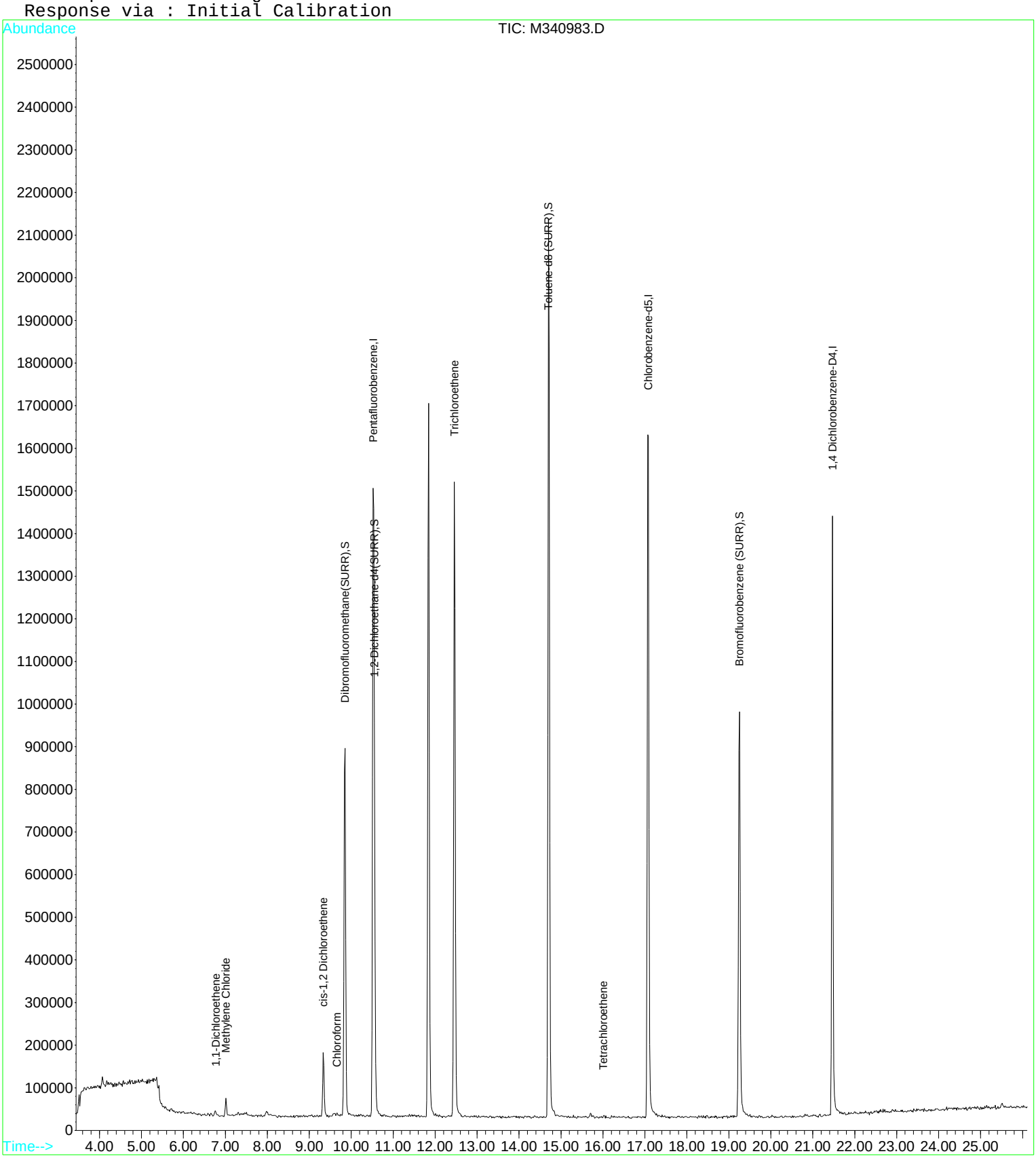
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1204473	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1692585	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	530182	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	789121	23.31	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	525788	21.75	ug/l	0.00
Spiked Amount 25.000			Recovery = 87.00%			
59) Toluene-d8 (SURR)	14.70	98	2074785	25.99	ug/l	-0.01
Spiked Amount 25.000			Recovery = 103.96%			
75) Bromofluorobenzene (SURR)	19.25	95	637667	23.60	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.40%			
Target Compounds						Qvalue
16) 1,1-Dichloroethene	6.77	96	6861	0.27	ug/l #	76
17) Methylene Chloride	7.01	84	19994	0.61	ug/l	93
27) cis-1,2 Dichloroethene	9.33	96	95790	2.87	ug/l	97
33) Chloroform	9.66	83	5451	0.12	ug/l	71
44) Trichloroethene	12.46	95	680414	24.51	ug/l	93
63) Tetrachloroethene	16.01	164	1805	0.11	ug/l #	46

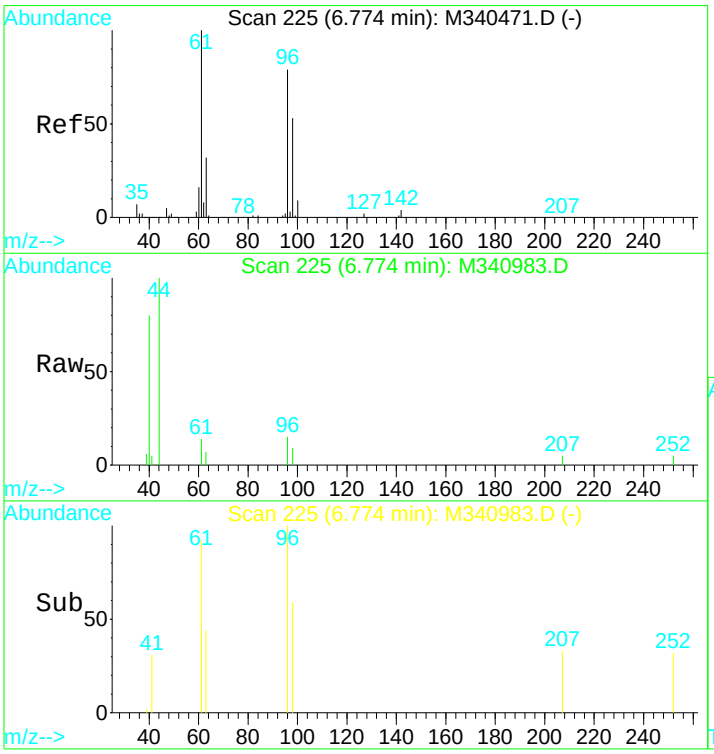
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340983.D Vial: 11
Acq On : 16 Aug 2010 1:42 pm Operator: MD
Sample : 1008142-07RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:20 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

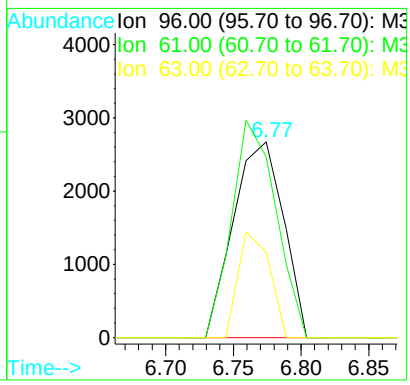


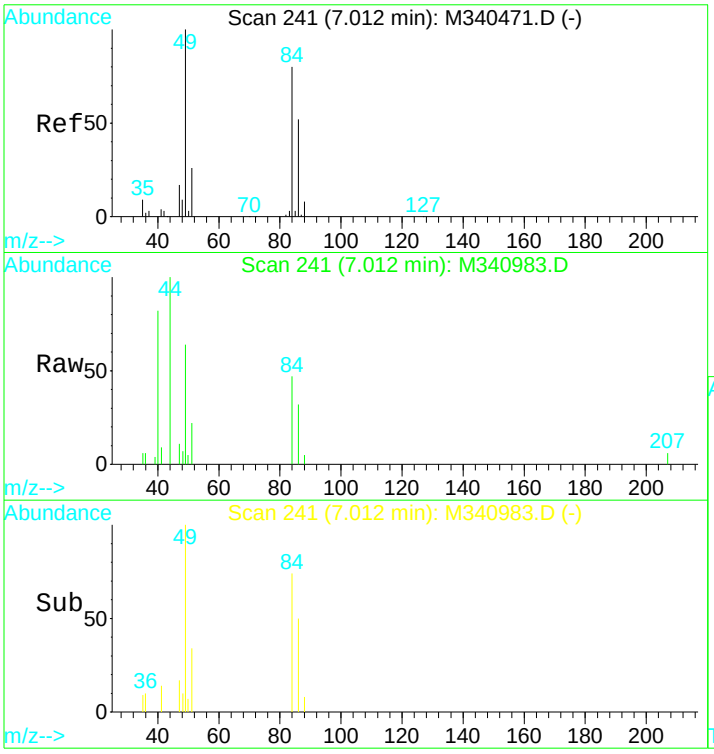


#16
1,1-Dichloroethene
Concen: 0.27 ug/l
RT: 6.77 min Scan# 225
Delta R.T. 0.00 min
Lab File: M340983.D
Acq: 16 Aug 2010 1:42 pm

Tgt Ion: 96 Resp: 6861

Ion	Ratio	Lower	Upper
96	100		
61	92.3	96.7	156.7#
63	43.7	10.1	70.1

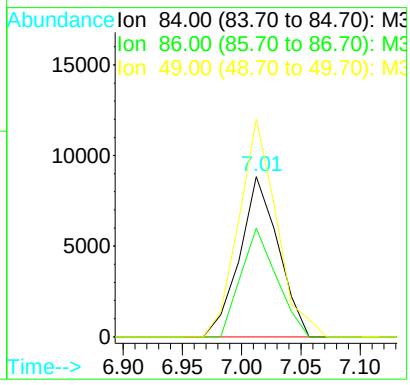


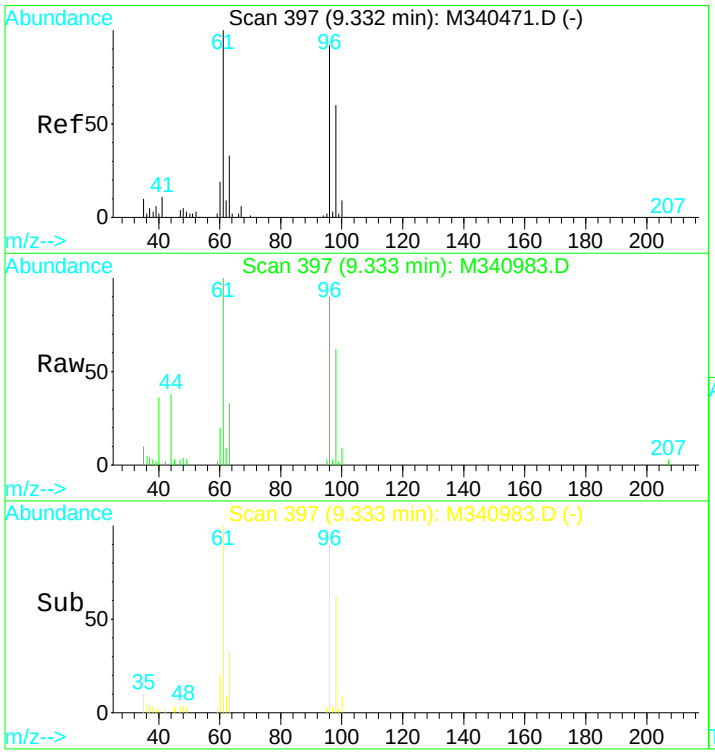


#17
Methylene Chloride
Concen: 0.61 ug/l
RT: 7.01 min Scan# 241
Delta R.T. 0.00 min
Lab File: M340983.D
Acq: 16 Aug 2010 1:42 pm

Tgt Ion: 84 Resp: 19994

Ion	Ratio	Lower	Upper
84	100		
86	67.9	34.9	94.9
49	135.7	95.2	155.2

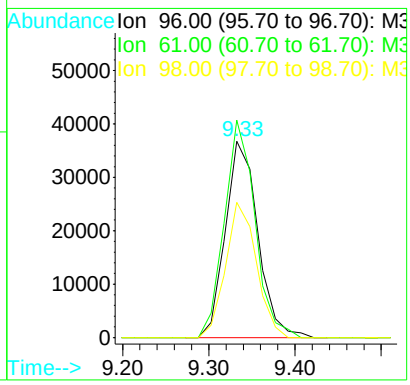


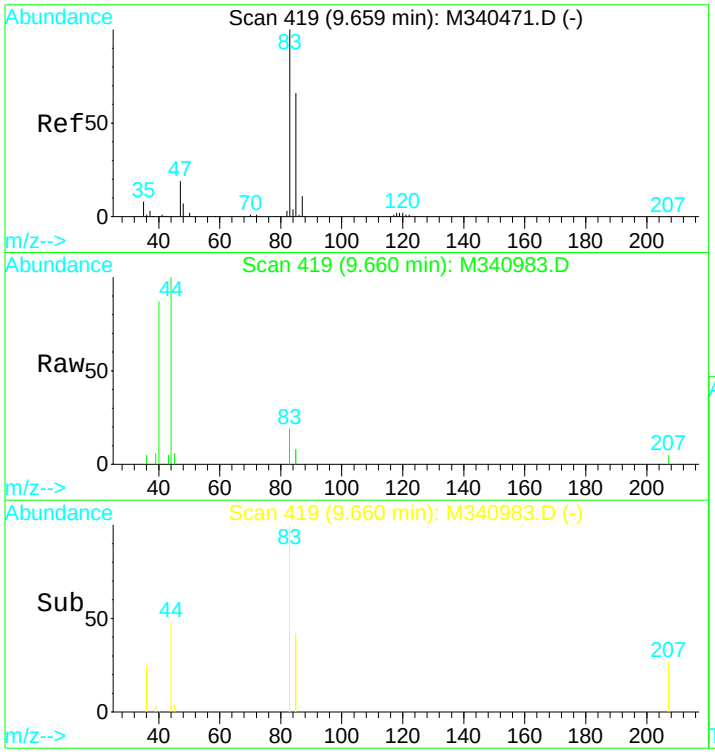


#27
cis-1,2 Dichloroethene
Concen: 2.87 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340983.D
Acq: 16 Aug 2010 1:42 pm

Tgt Ion: 96 Resp: 95790

Ion	Ratio	Lower	Upper
96	100		
61	110.8	79.2	139.2
98	68.9	35.1	95.1

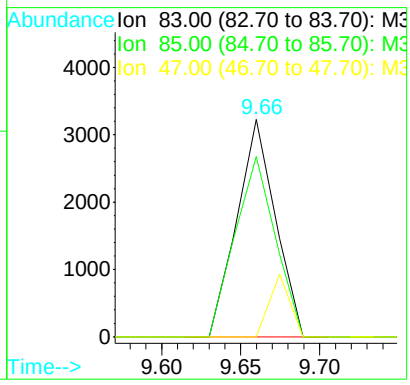


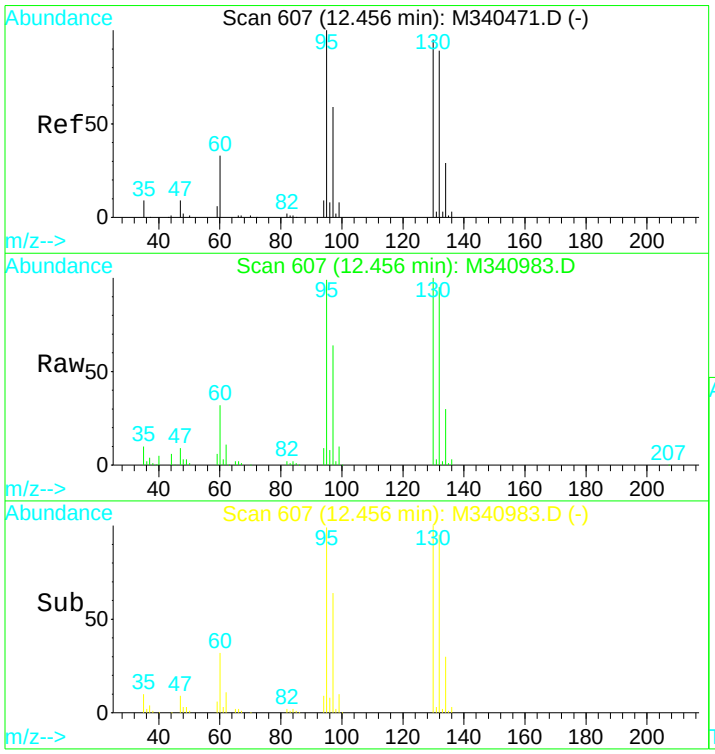


#33
Chloroform
Concen: 0.12 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340983.D
Acq: 16 Aug 2010 1:42 pm

Tgt Ion: 83 Resp: 5451

Ion	Ratio	Lower	Upper
83	100		
85	82.9	35.8	95.8
47	0.0	0.0	54.6

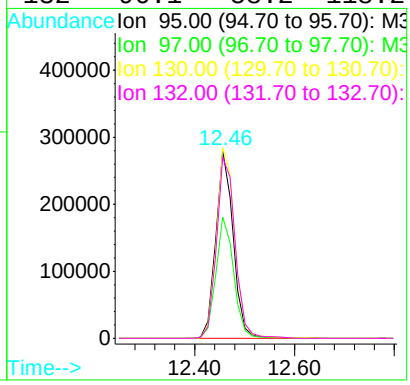


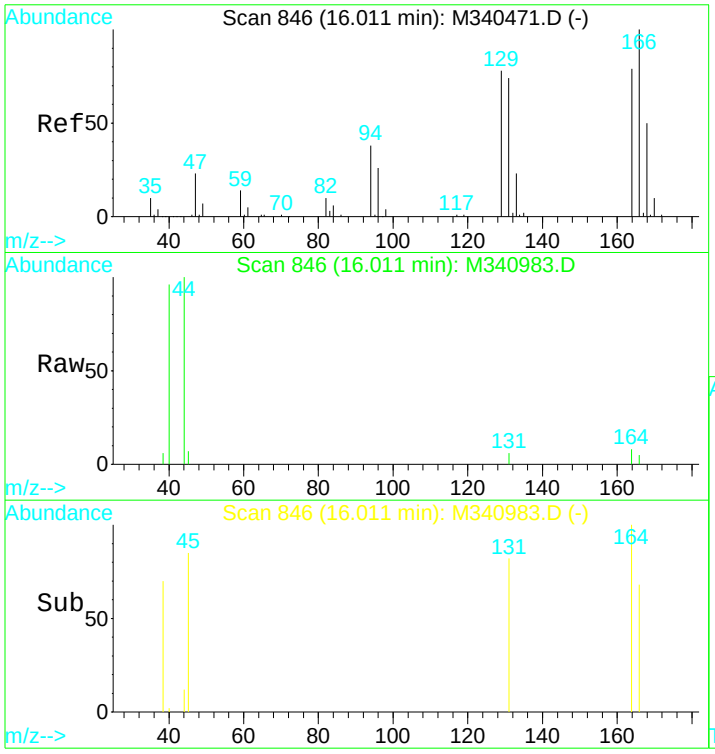


#44
Trichloroethene
Concen: 24.51 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340983.D
Acq: 16 Aug 2010 1:42 pm

Tgt Ion: 95 Resp: 680414

Ion	Ratio	Lower	Upper
95	100		
97	64.6	31.8	91.8
130	101.5	64.0	124.0
132	96.1	58.2	118.2

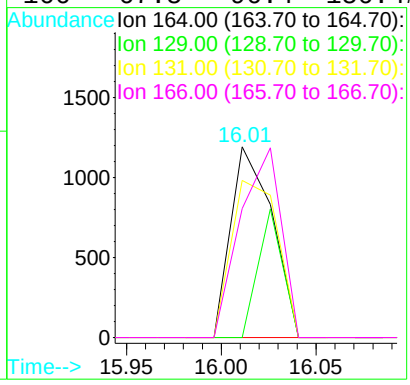




#63
Tetrachloroethene
Concen: 0.11 ug/l
RT: 16.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: M340983.D
Acq: 16 Aug 2010 1:42 pm

Tgt Ion:164 Resp: 1805

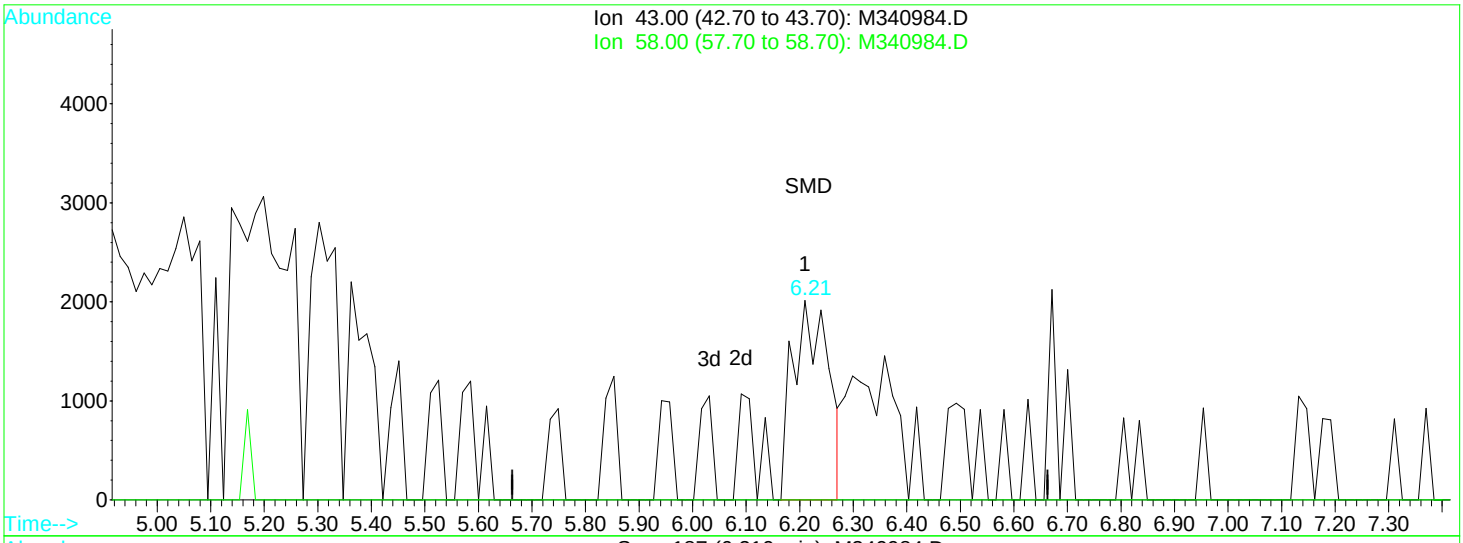
Ion	Ratio	Lower	Upper
164	100		
129	0.0	68.3	128.3#
131	82.4	63.6	123.6
166	67.5	96.4	156.4#

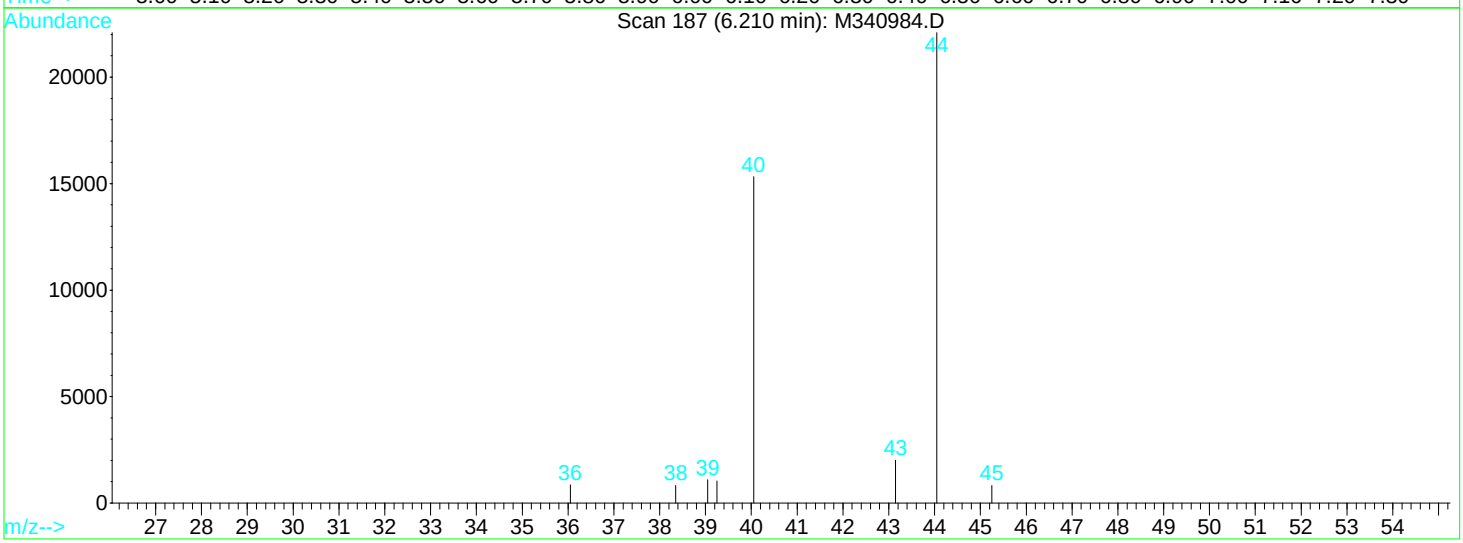


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(10) Acetone

6.21min 1.30ug/l

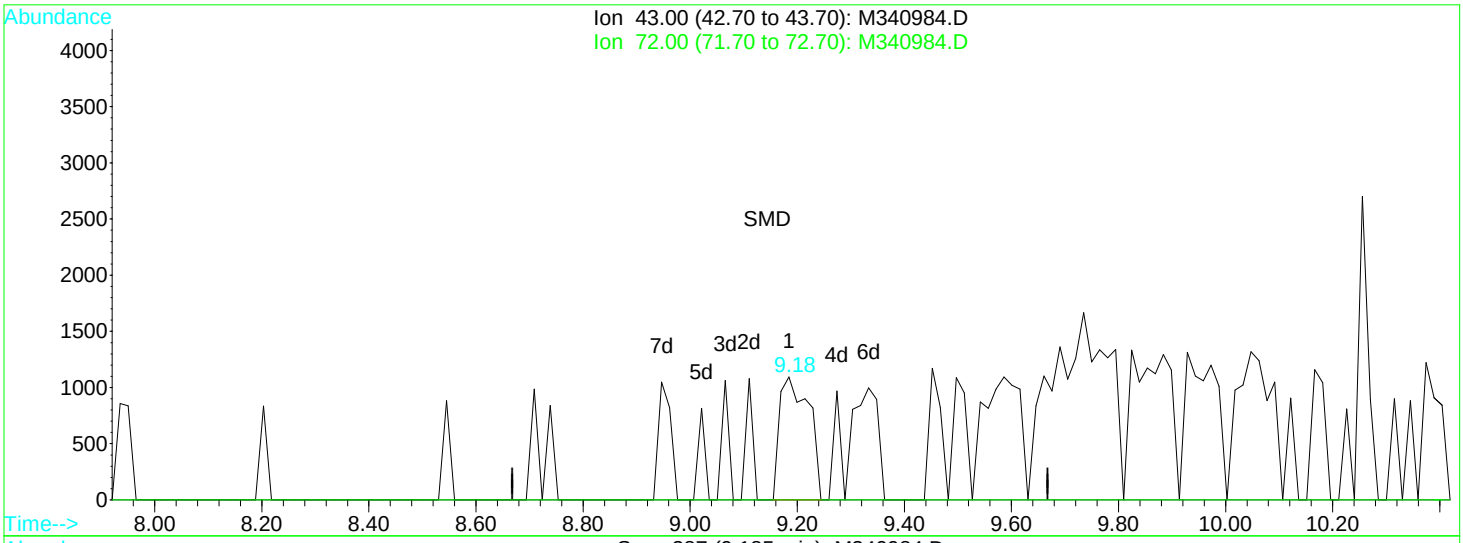
response 9210

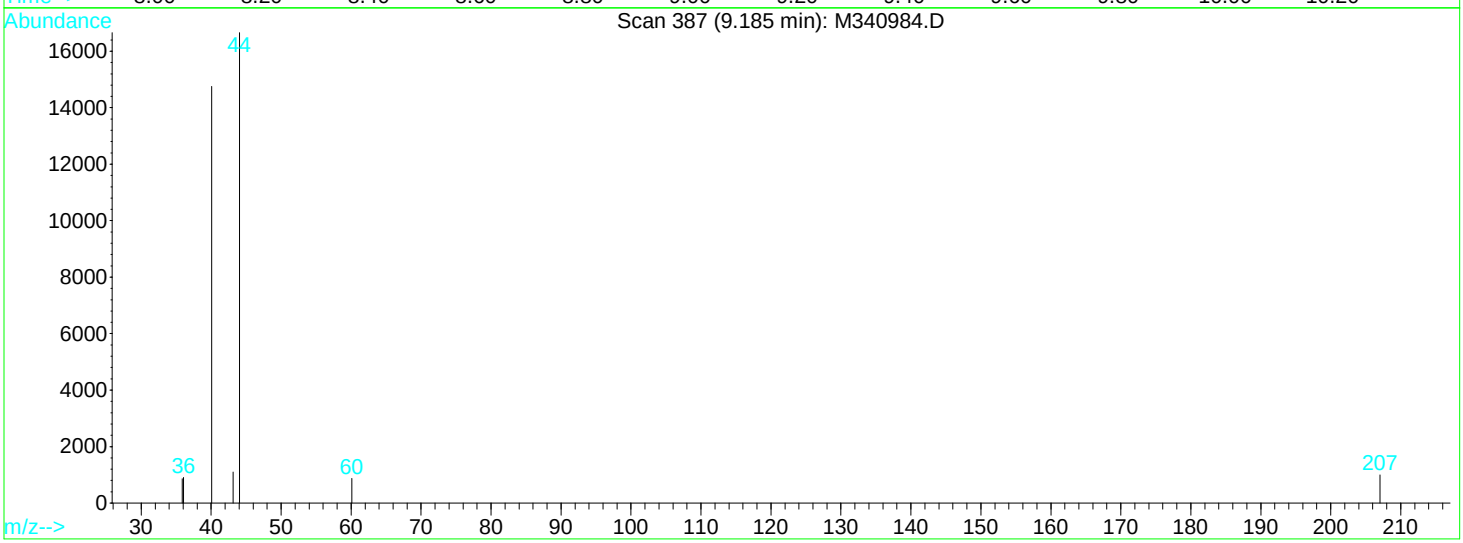
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(24) 2-Butanone

9.18min 0.21ug/l

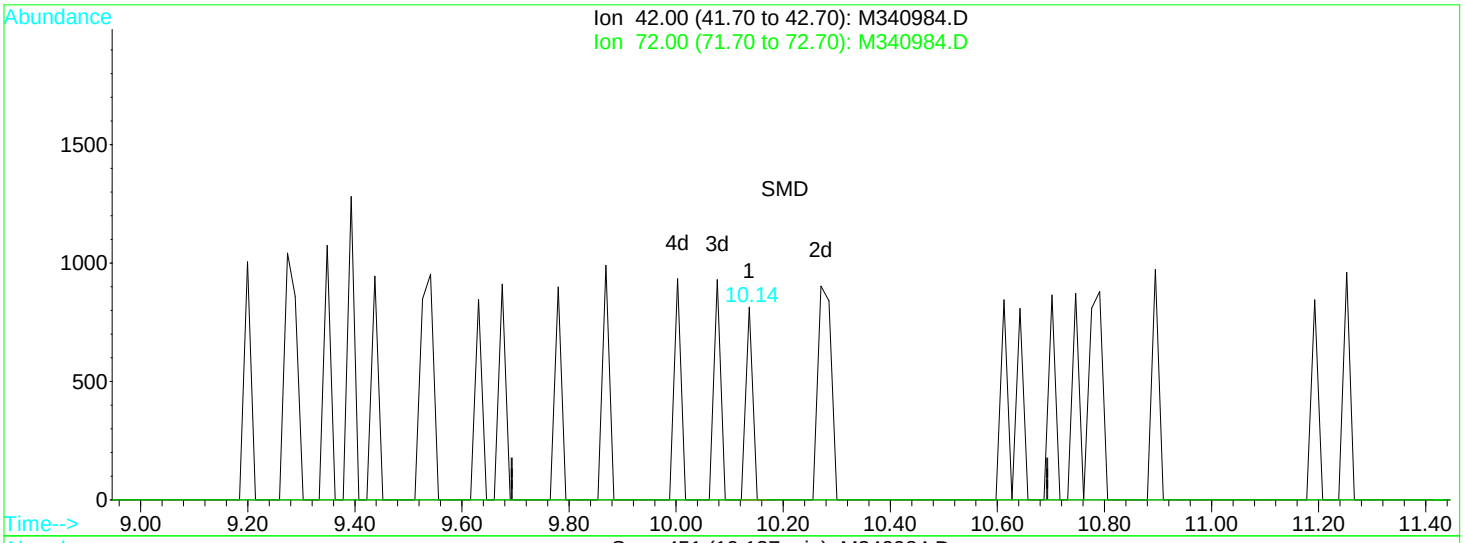
response 4150

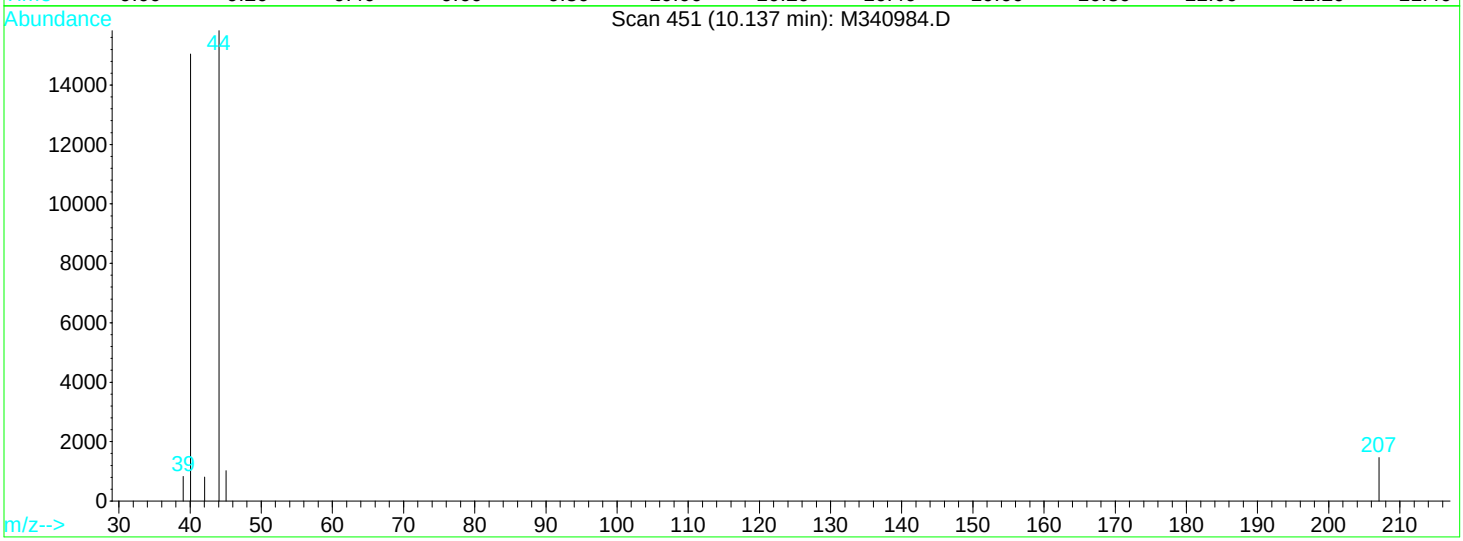
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(32) Tetrahydrofuran

10.14min 0.10ug/l

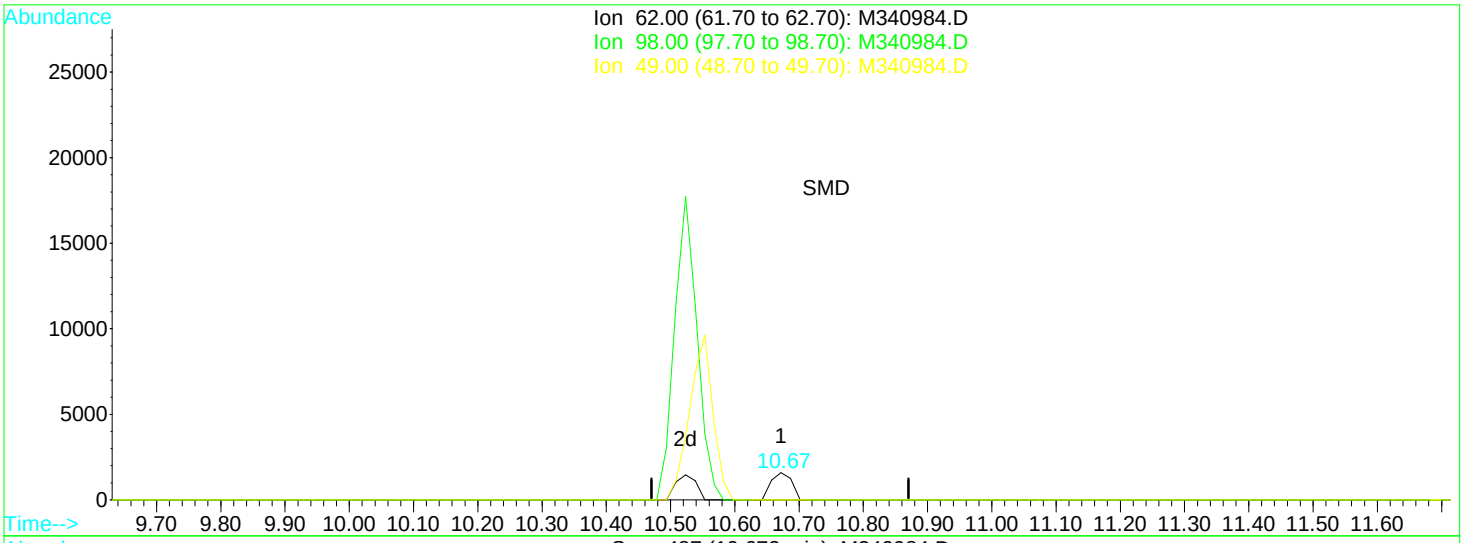
response 725

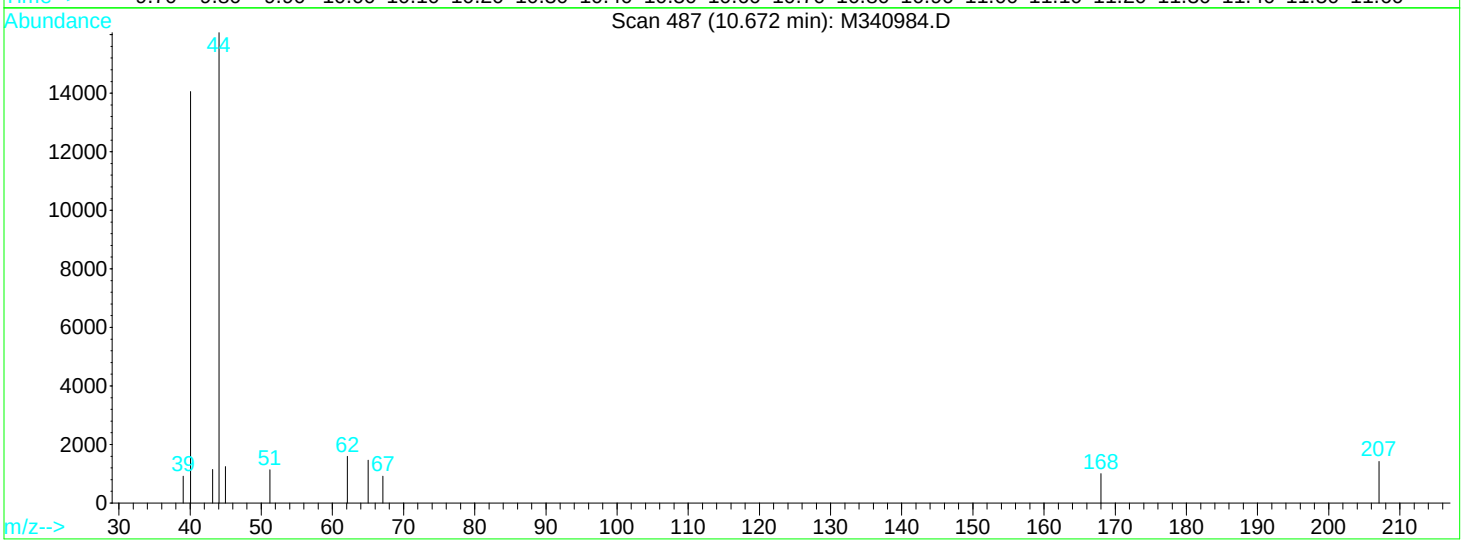
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(42) 1,2-Dichloroethane

10.67min 0.13ug/l

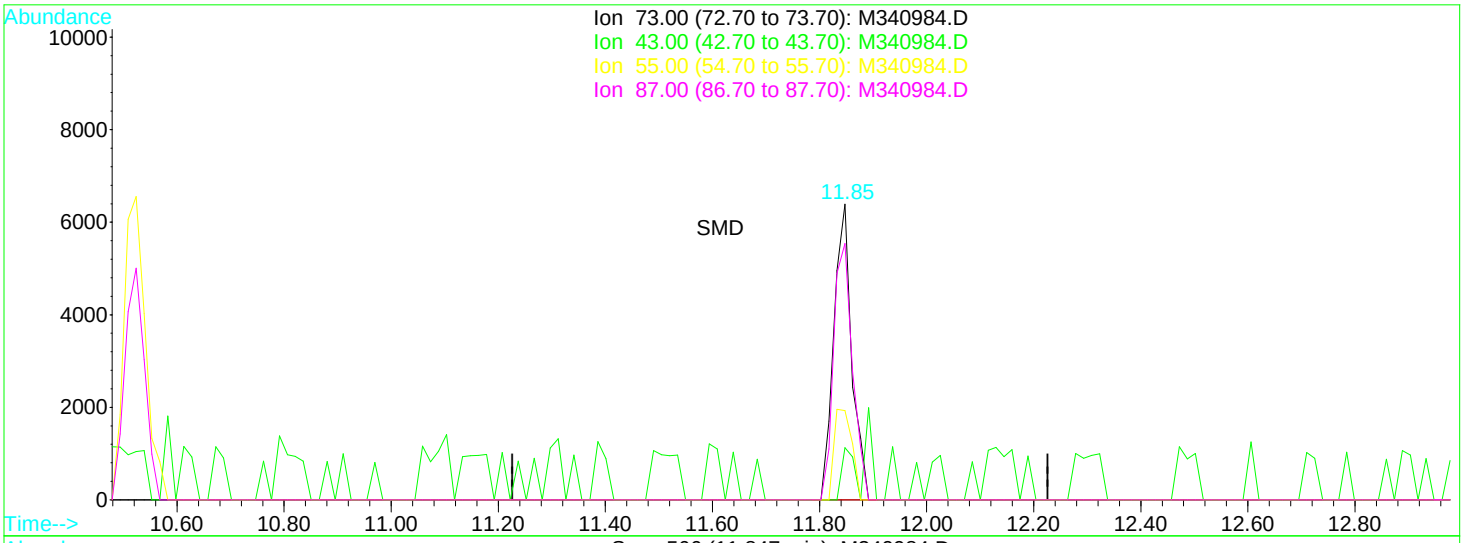
response 3583

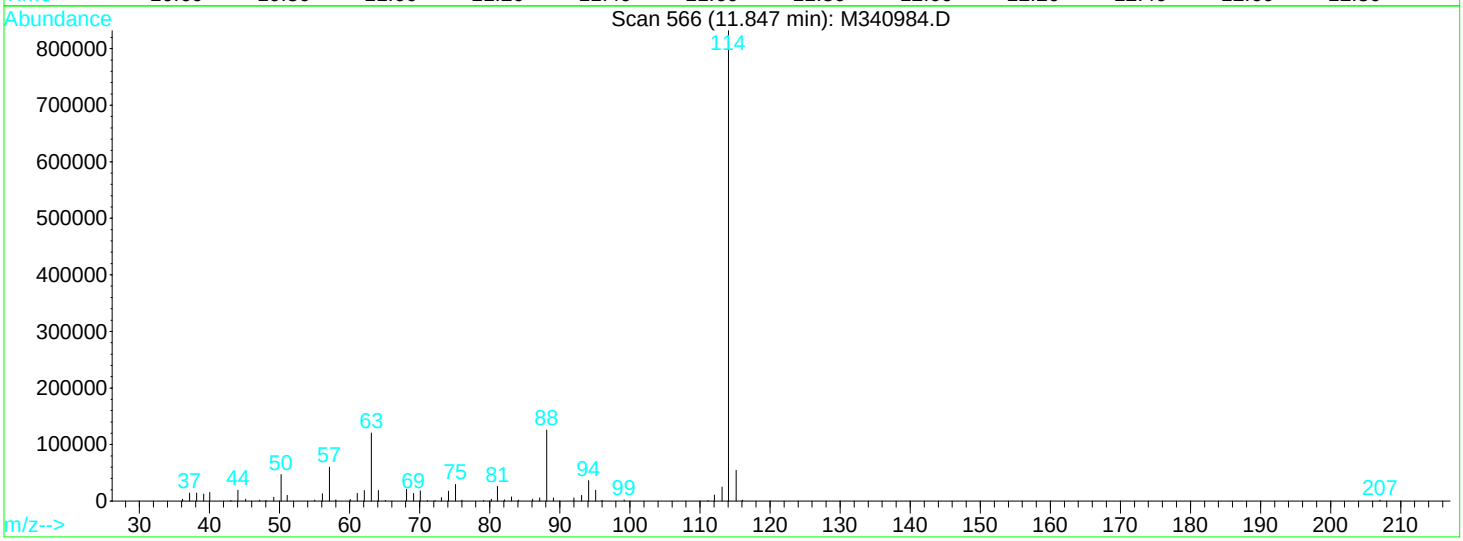
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	0.00
49.00	39.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(43) Tertiary-amyl methyl ether

11.85min 0.25ug/l

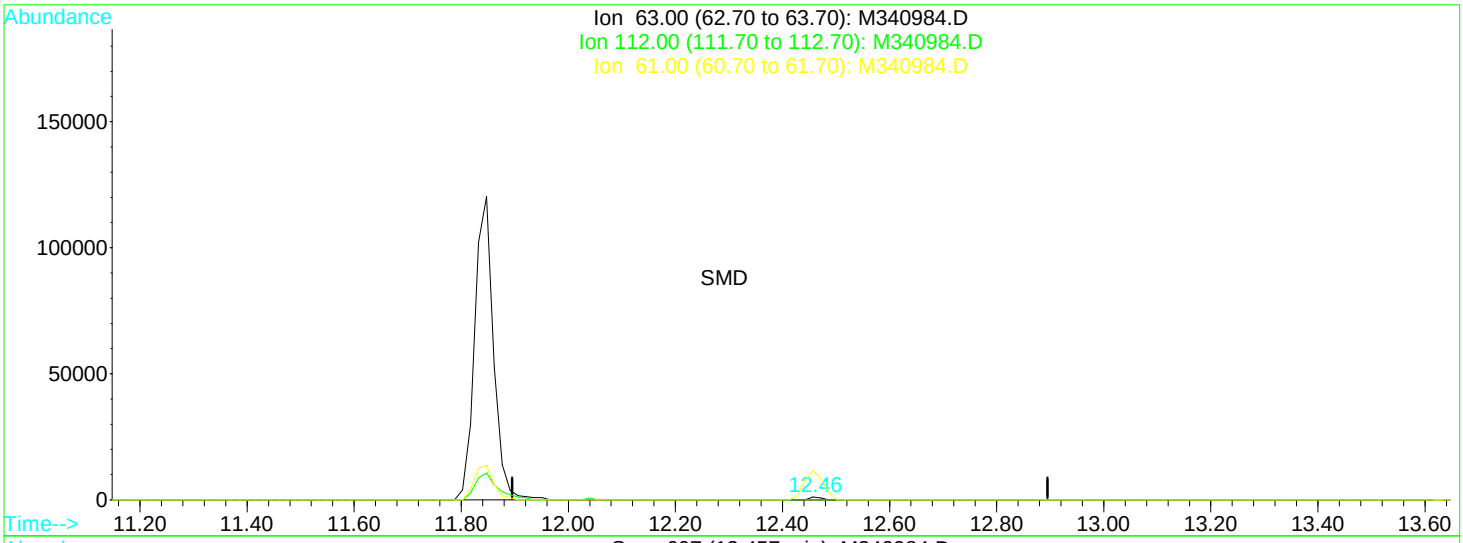
response 15000

Ion	Exp%	Act%
73.00	100	100
43.00	38.50	17.68
55.00	29.80	30.23
87.00	22.80	86.62#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340984.D

(45) 1,2-Dichloropropane

12.46min 0.07ug/l

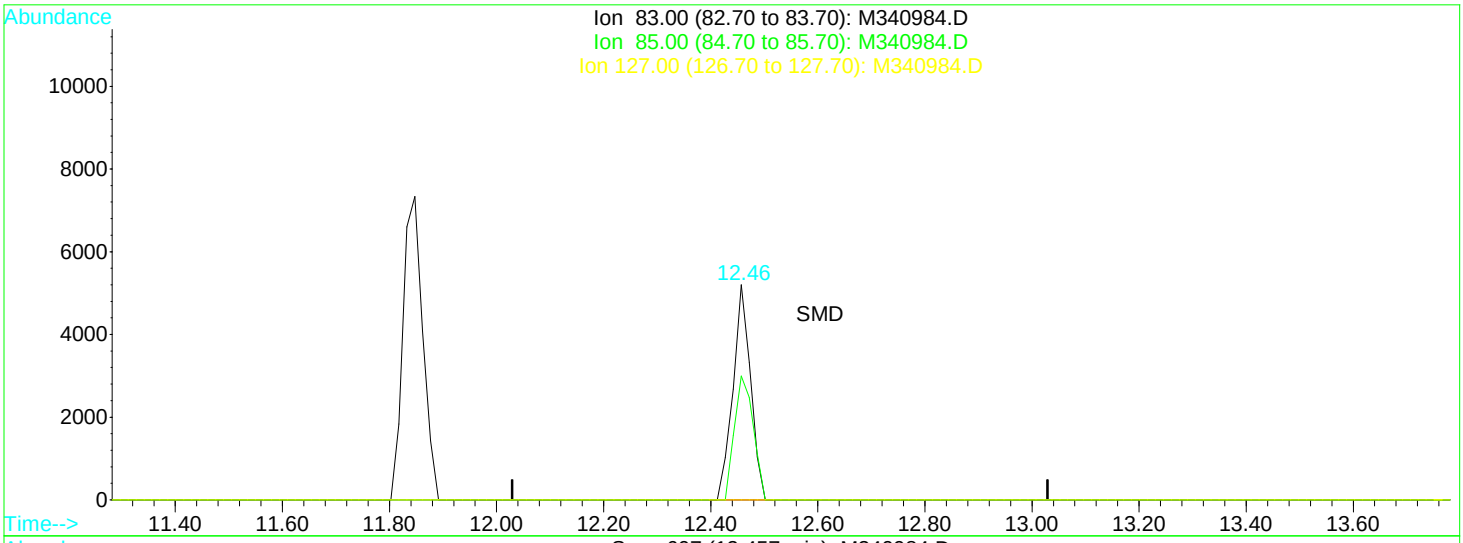
response 1800

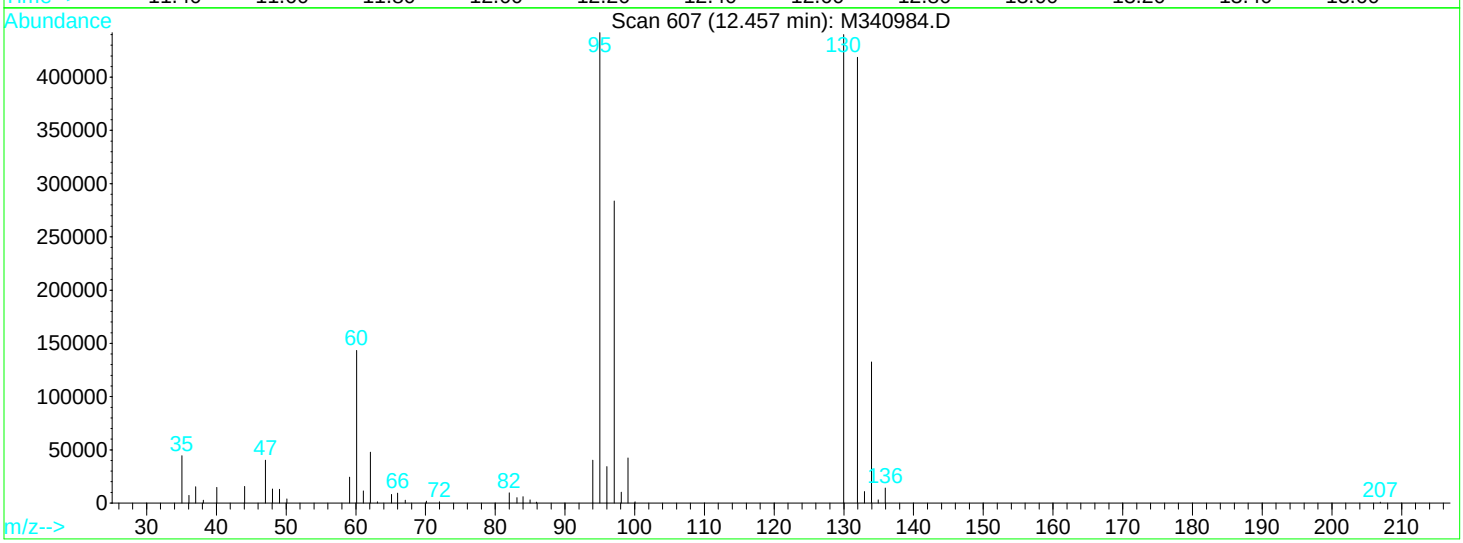
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	959.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(48) Bromodichloromethane

12.46min 0.37ug/l

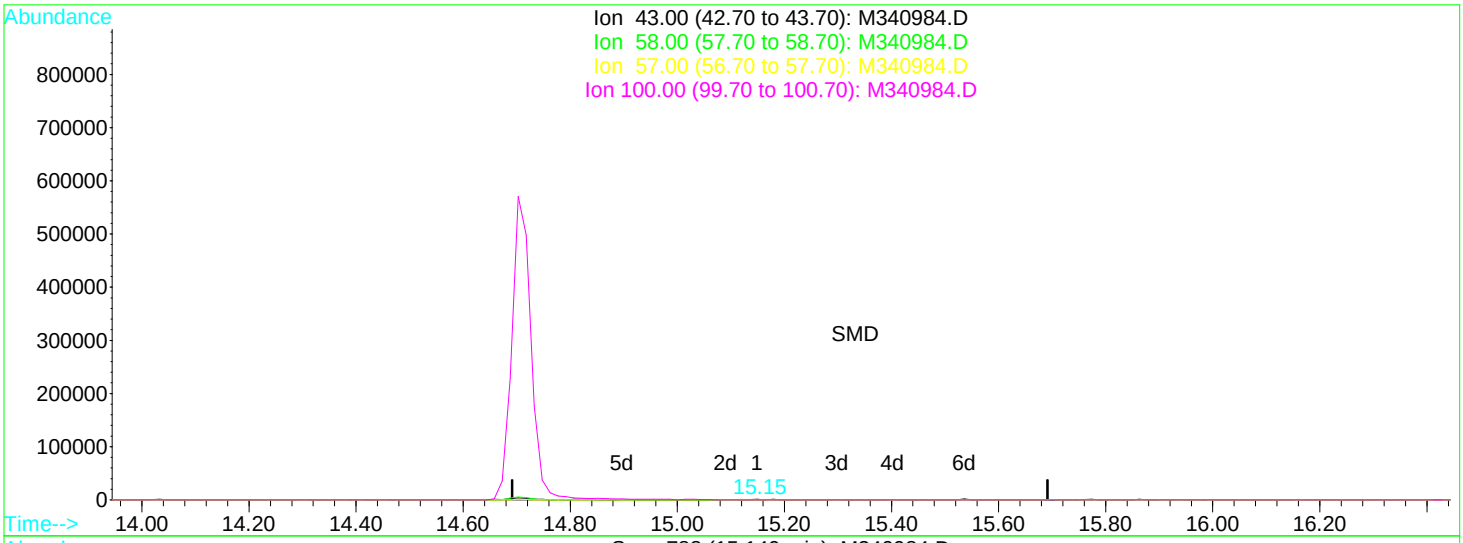
response 11835

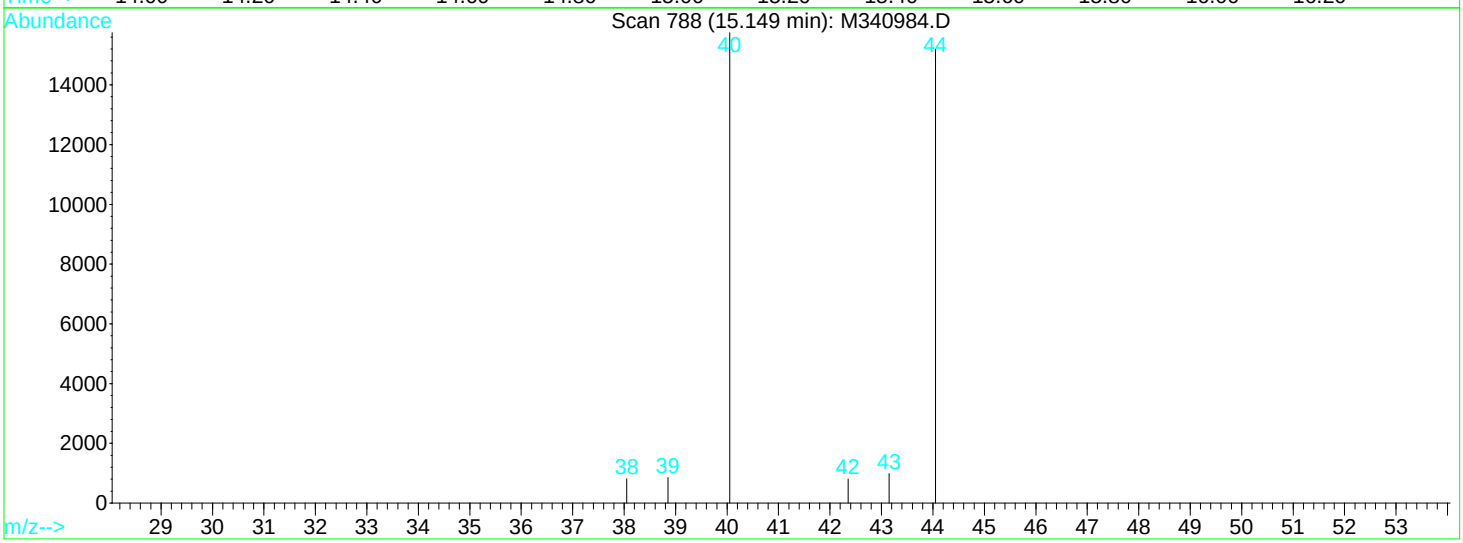
Ion	Exp%	Act%
83.00	100	100
85.00	63.30	57.64
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(61) 2-Hexanone

15.15min 0.10ug/l

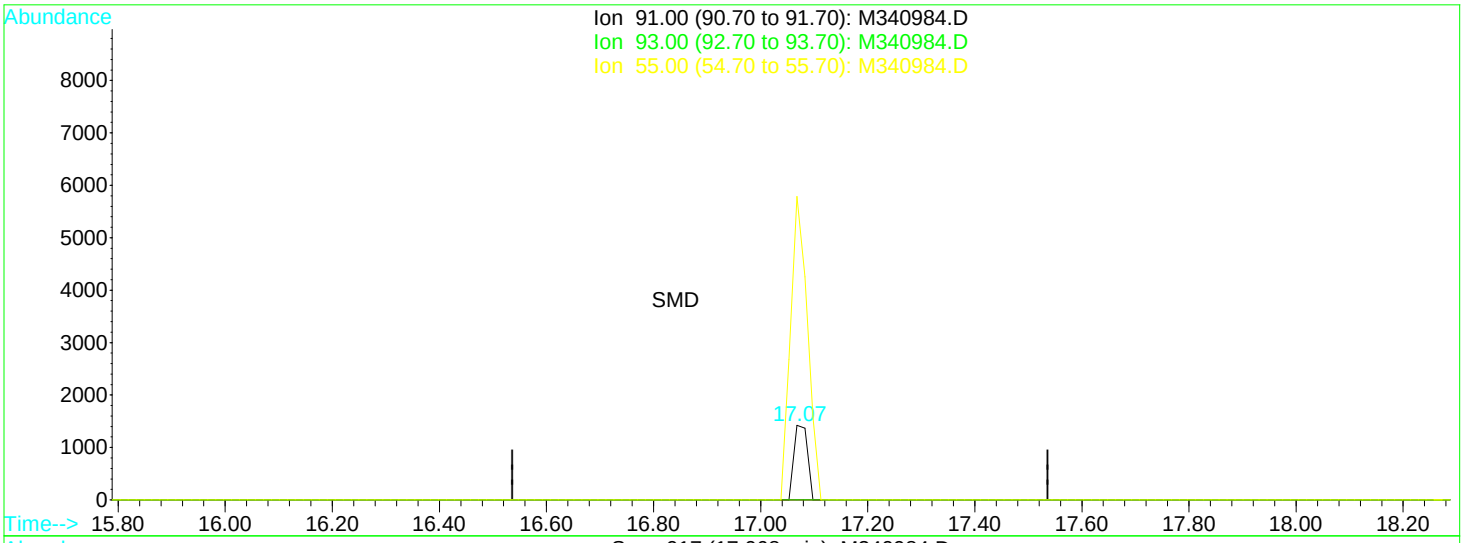
response 1661

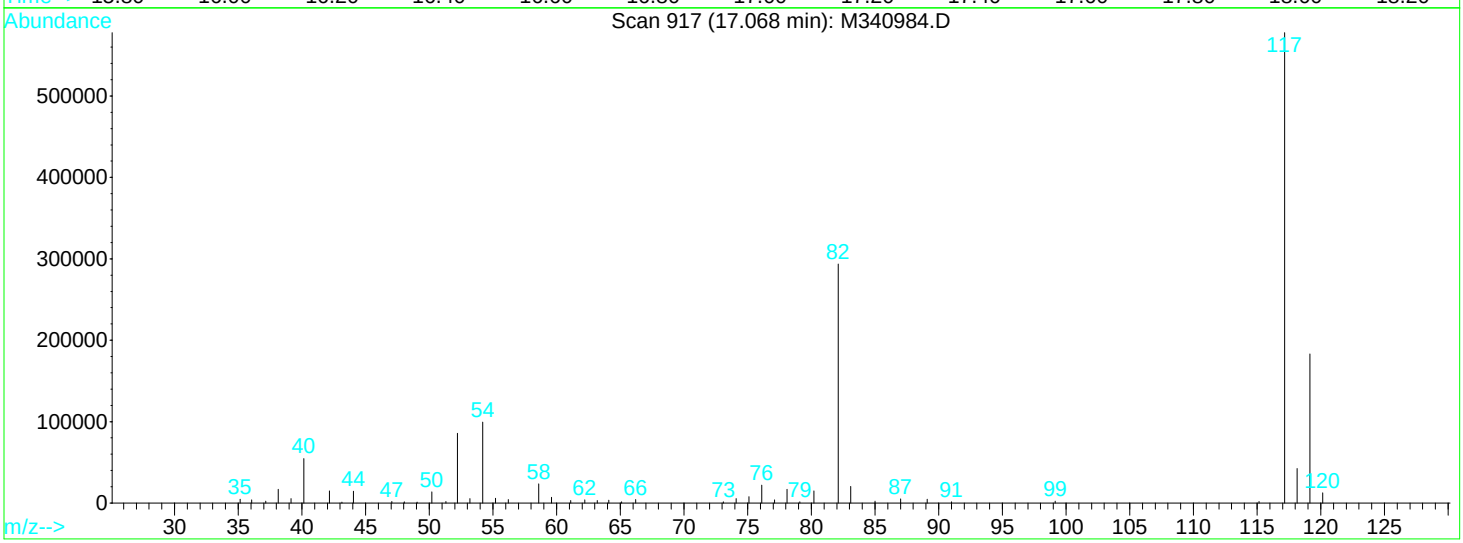
Ion	Exp%	Act%
43.00	100	100
58.00	50.60	0.00#
57.00	15.20	0.00
100.00	11.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340984.D

(66) 1-Chlorohexane

17.07min 0.12ug/l

response 2487

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	407.10#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

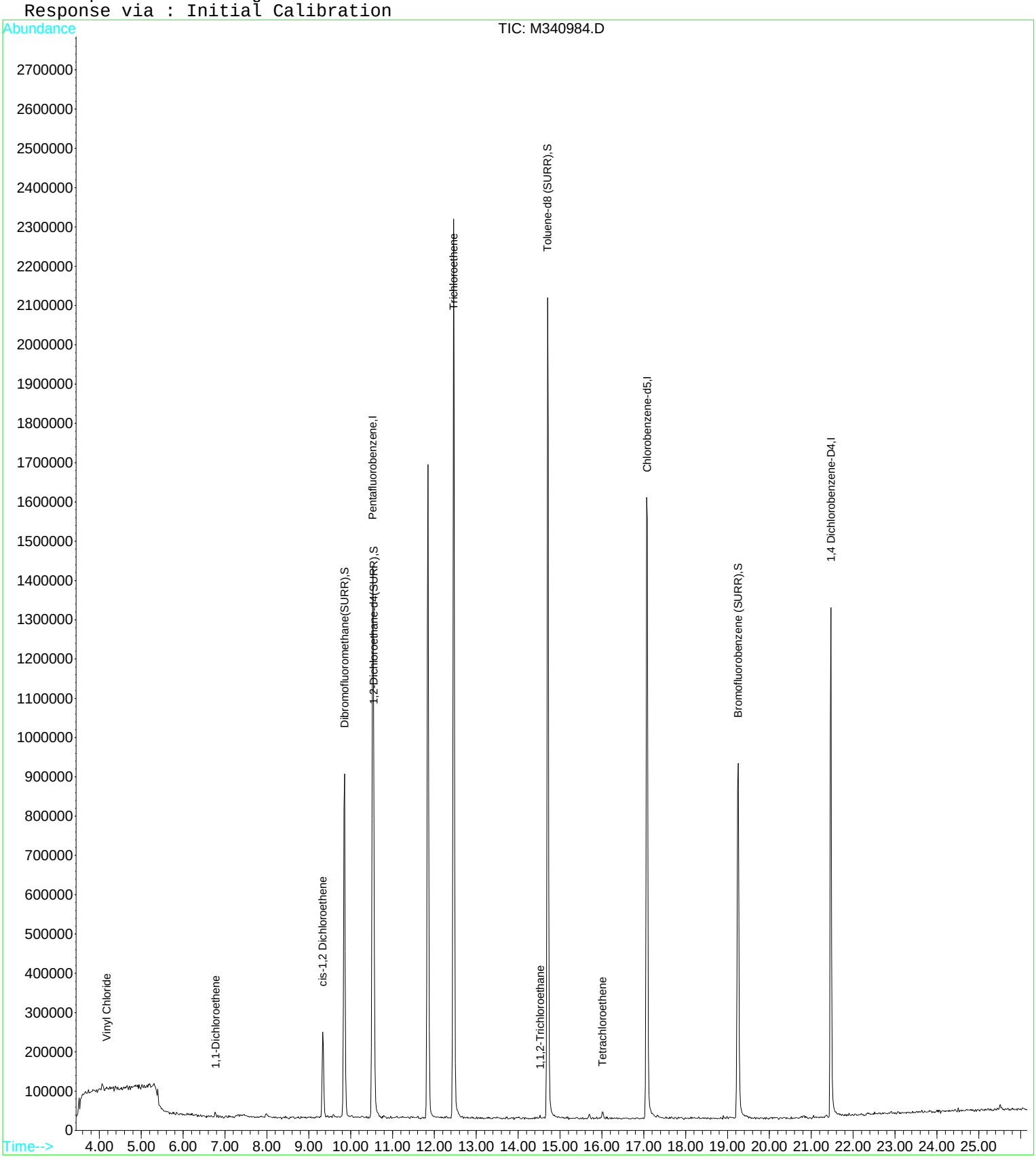
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1175952	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1636176	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	508204	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	770398	23.31	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	515687	21.85	ug/l	0.00
Spiked Amount 25.000			Recovery = 87.40%			
59) Toluene-d8 (SURR)	14.70	98	2043407	26.48	ug/l	-0.01
Spiked Amount 25.000			Recovery = 105.92%			
75) Bromofluorobenzene (SURR)	19.25	95	613564	23.49	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.96%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	1903	0.08	ug/l	76
16) 1,1-Dichloroethene	6.78	96	7257	0.29	ug/l #	75
27) cis-1,2 Dichloroethene	9.33	96	143317	4.40	ug/l	95
44) Trichloroethene	12.46	95	1074829	39.66	ug/l	94
56) 1,1,2-Trichloroethane	14.52	83	2004	0.09	ug/l	74
63) Tetrachloroethene	16.01	164	6923	0.44	ug/l	94

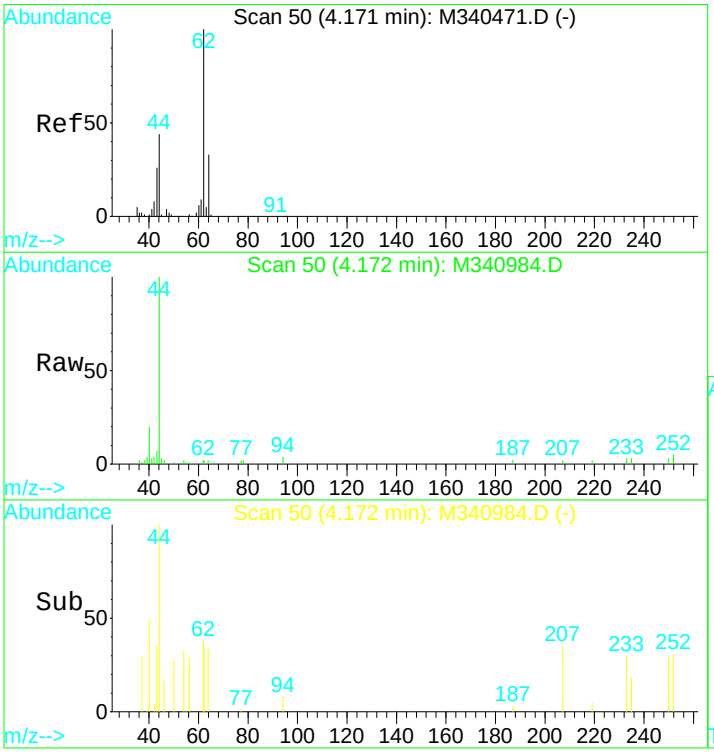
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340984.D Vial: 12
Acq On : 16 Aug 2010 2:14 pm Operator: MD
Sample : 1008142-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

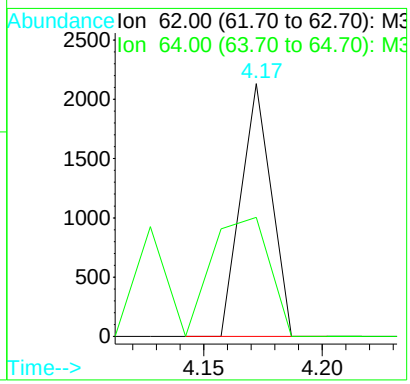


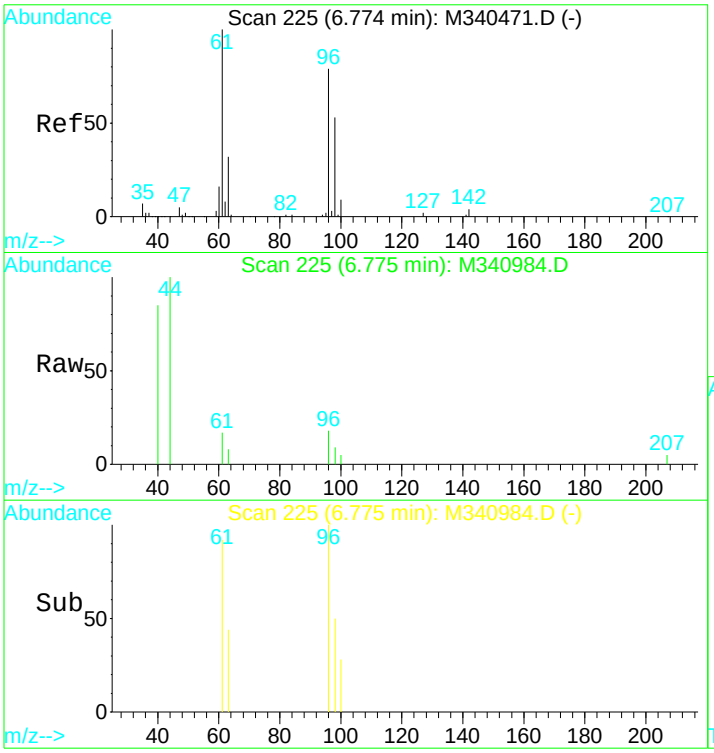


#4
Vinyl Chloride
Concen: 0.08 ug/l
RT: 4.17 min Scan# 50
Delta R.T. 0.00 min
Lab File: M340984.D
Acq: 16 Aug 2010 2:14 pm

Tgt Ion: 62 Resp: 1903

Ion	Ratio	Lower	Upper
62	100		
64	47.0	3.4	63.4

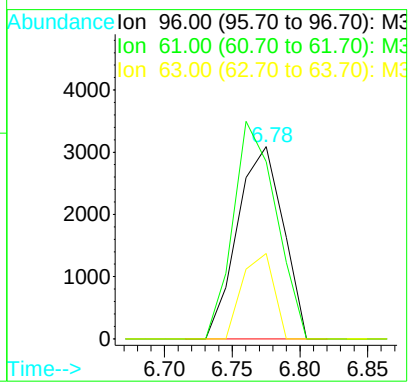


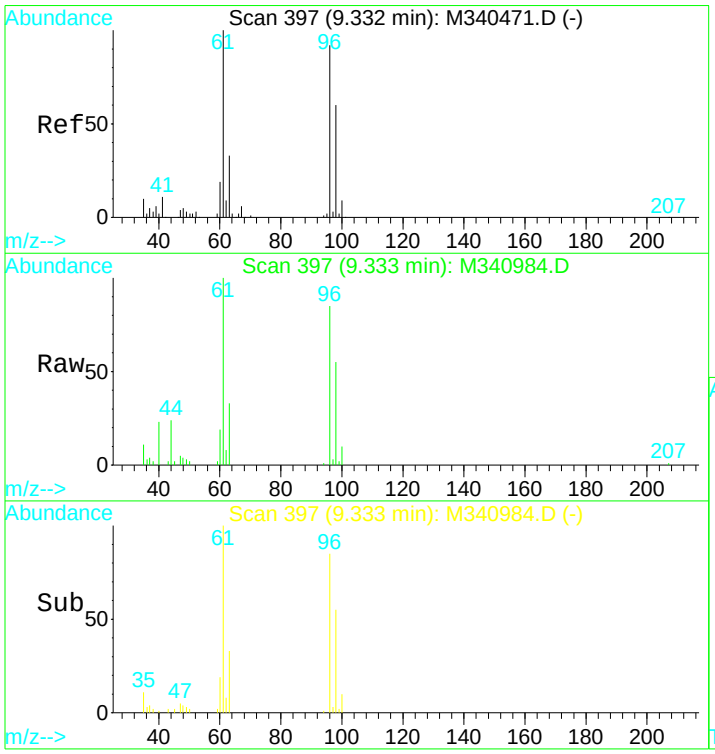


#16
1,1-Dichloroethene
Concen: 0.29 ug/l
RT: 6.78 min Scan# 225
Delta R.T. 0.00 min
Lab File: M340984.D
Acq: 16 Aug 2010 2:14 pm

Tgt Ion: 96 Resp: 7257

Ion	Ratio	Lower	Upper
96	100		
61	92.2	96.7	156.7#
63	44.4	10.1	70.1

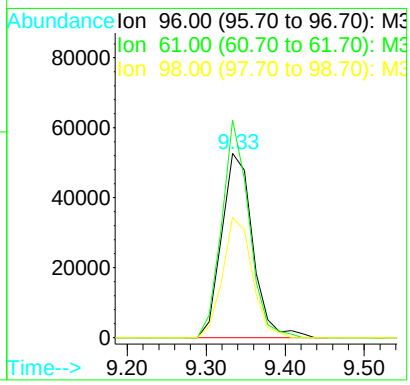


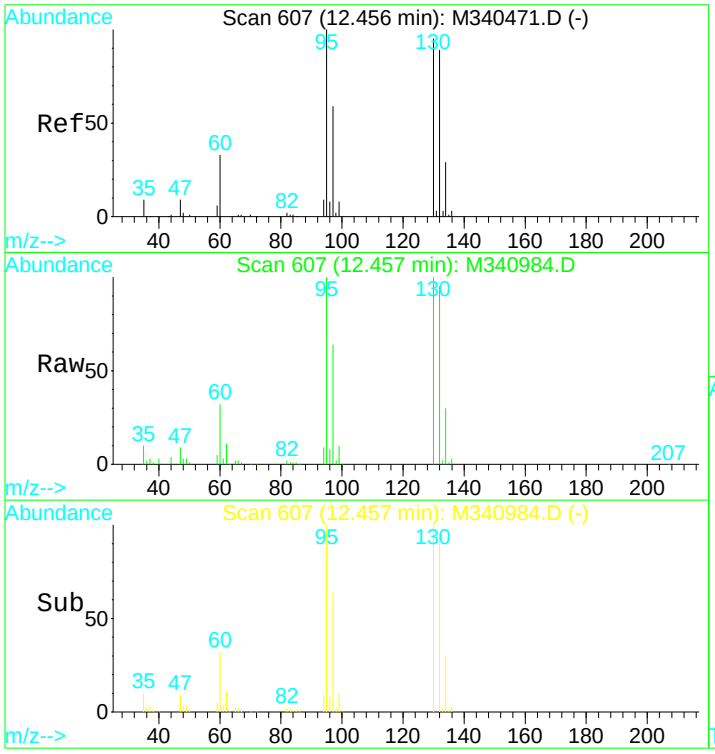


#27
cis-1,2 Dichloroethene
Concen: 4.40 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340984.D
Acq: 16 Aug 2010 2:14 pm

Tgt Ion: 96 Resp: 143317

Ion	Ratio	Lower	Upper
96	100		
61	118.1	79.2	139.2
98	65.3	35.1	95.1

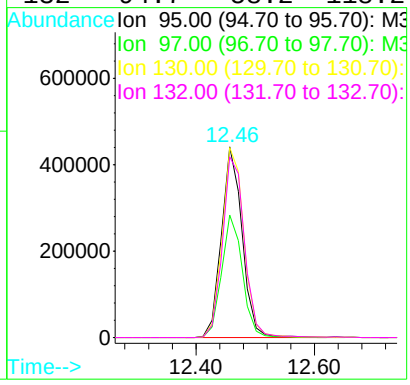


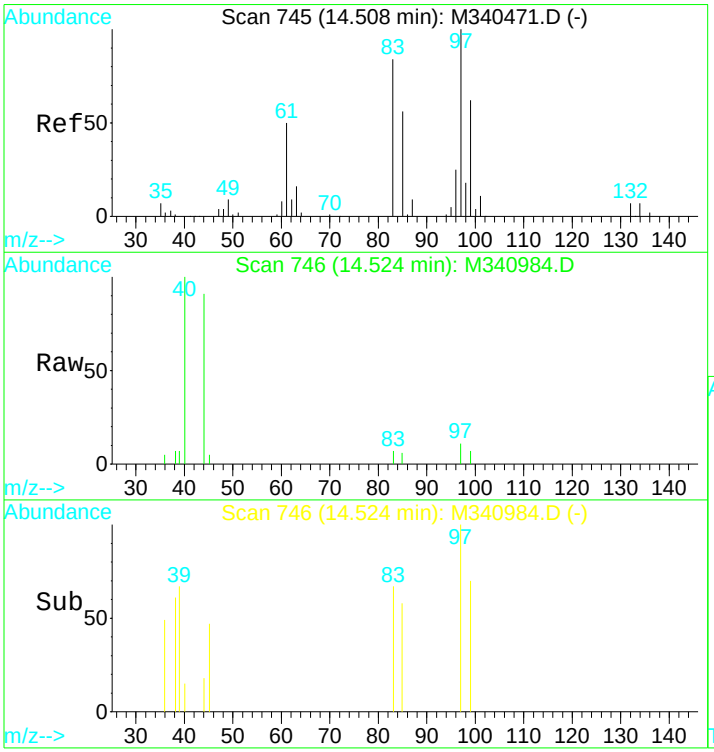


#44
Trichloroethene
Concen: 39.66 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340984.D
Acq: 16 Aug 2010 2:14 pm

Tgt Ion: 95 Resp: 1074829

Ion	Ratio	Lower	Upper
95	100		
97	64.2	31.8	91.8
130	99.6	64.0	124.0
132	94.7	58.2	118.2

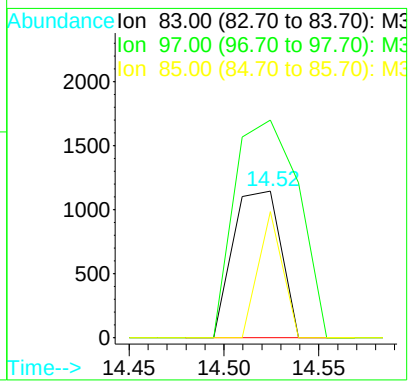


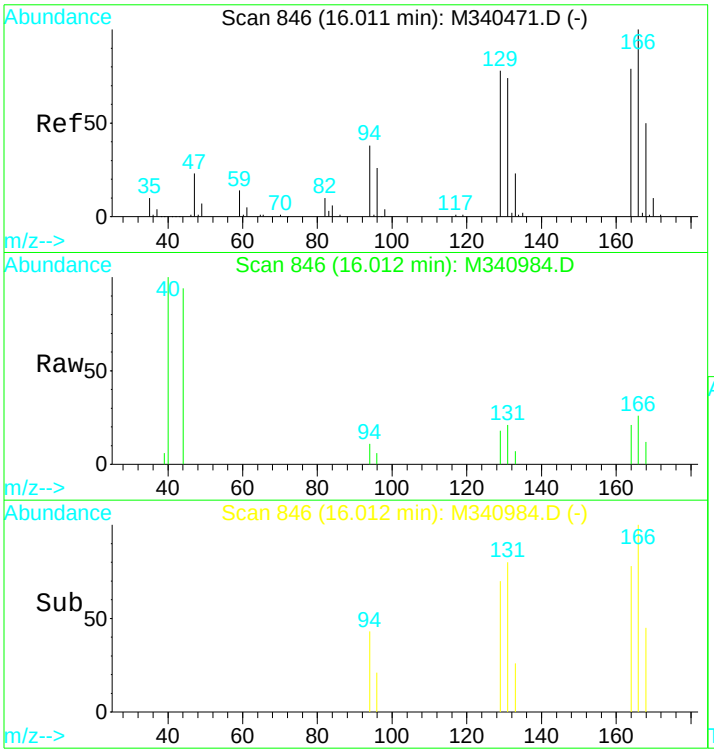


#56
1,1,2-Trichloroethane
Concen: 0.09 ug/l
RT: 14.52 min Scan# 746
Delta R.T. 0.02 min
Lab File: M340984.D
Acq: 16 Aug 2010 2:14 pm

Tgt Ion: 83 Resp: 2004

Ion	Ratio	Lower	Upper
83	100		
97	148.5	88.5	148.5
85	85.9	36.8	96.8

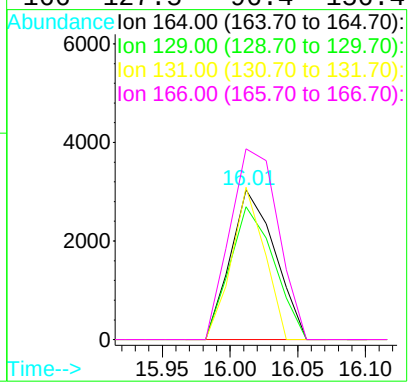




#63
Tetrachloroethene
Concen: 0.44 ug/l
RT: 16.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: M340984.D
Acq: 16 Aug 2010 2:14 pm

Tgt Ion:164 Resp: 6923

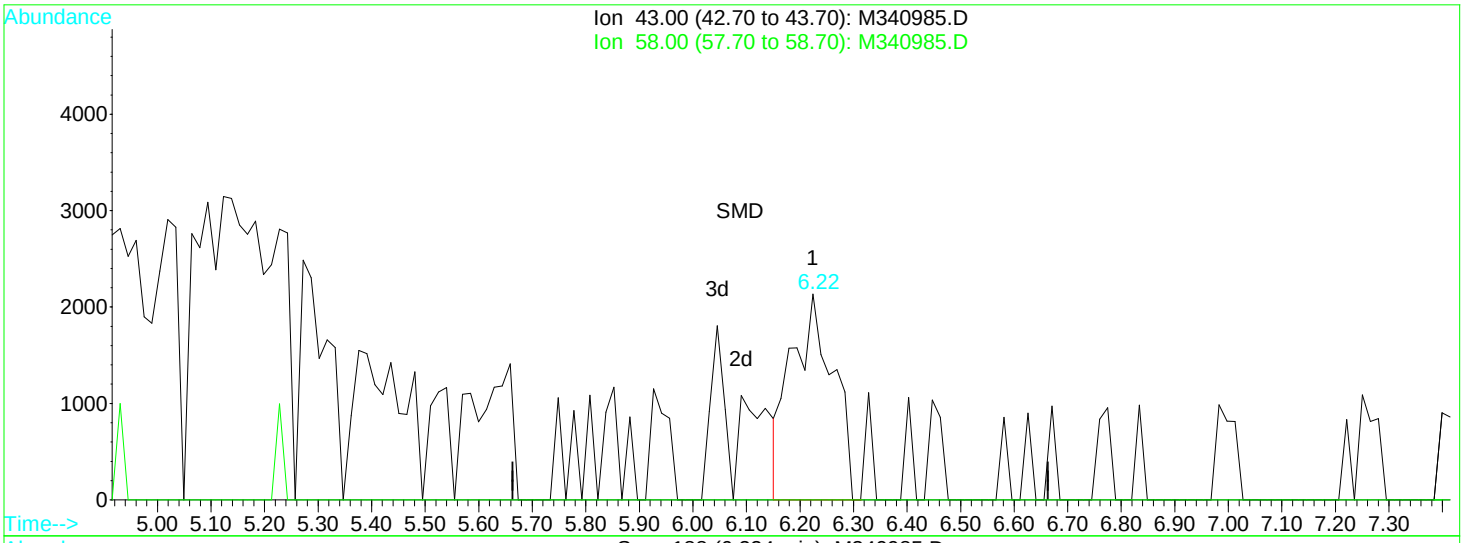
Ion	Ratio	Lower	Upper
164	100		
129	88.9	68.3	128.3
131	101.8	63.6	123.6
166	127.5	96.4	156.4

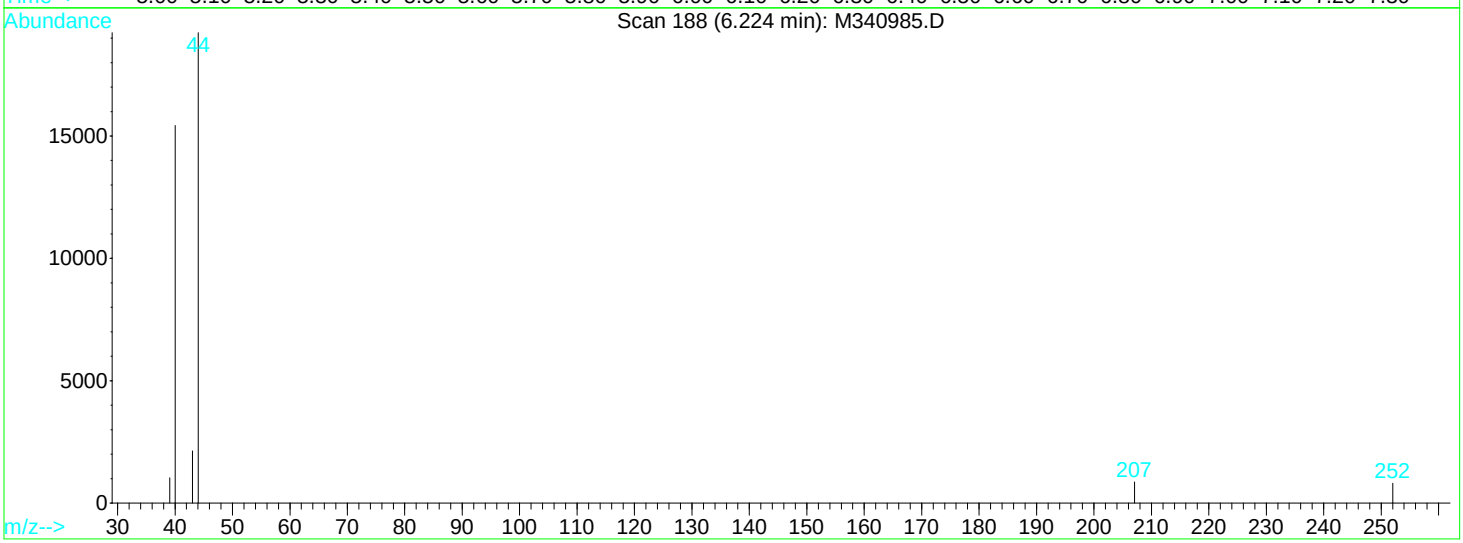


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(10) Acetone

6.22min 1.64ug/l

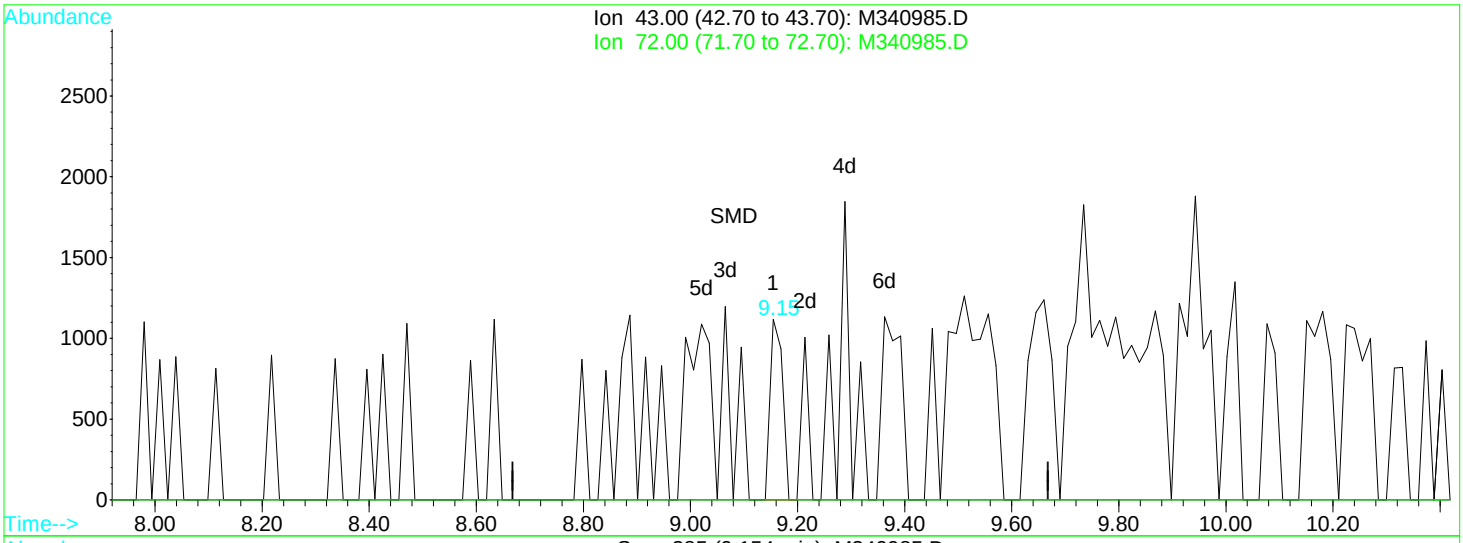
response 11559

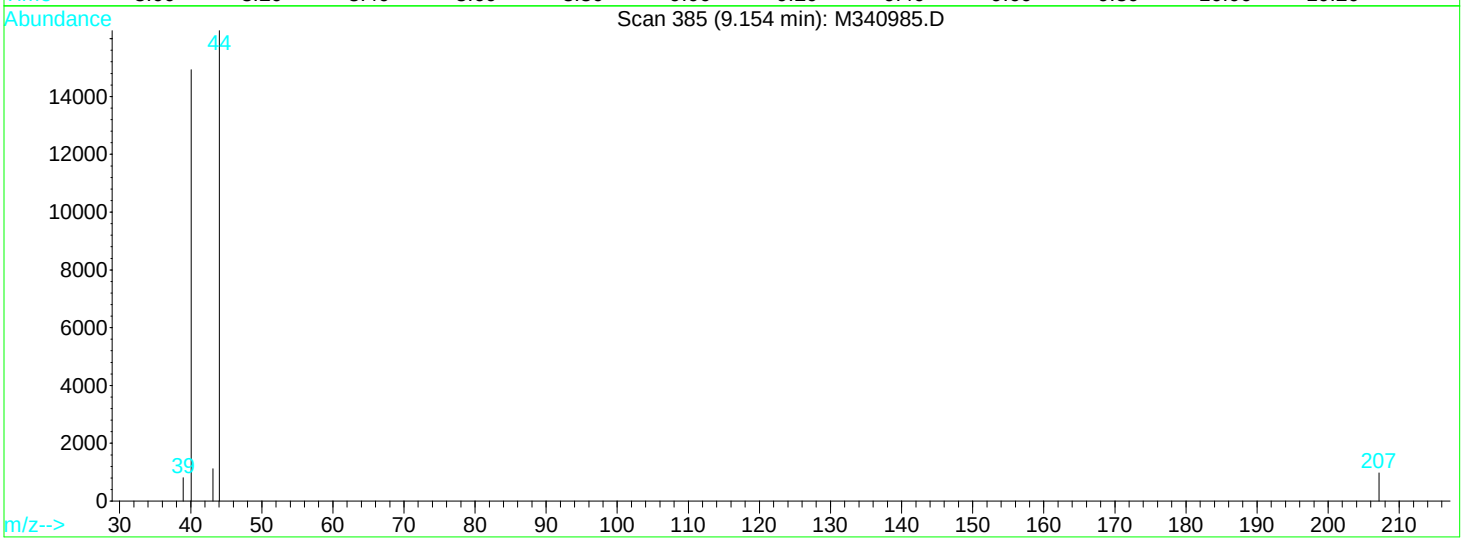
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(24) 2-Butanone

9.15min 0.09ug/l

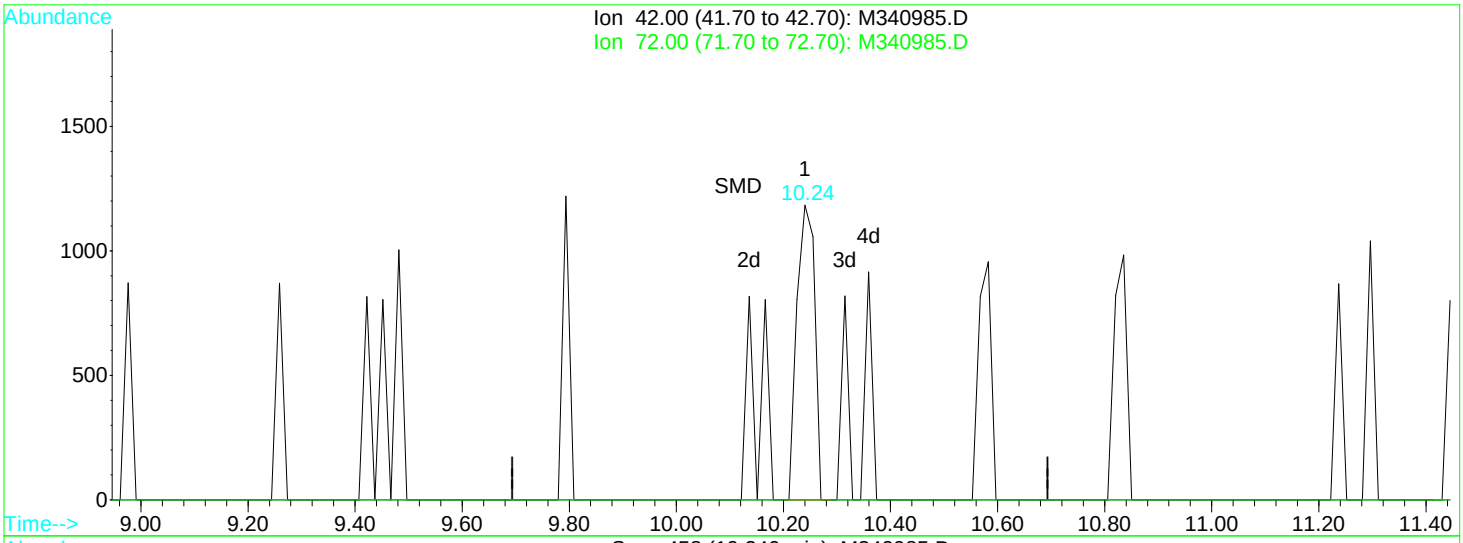
response 1831

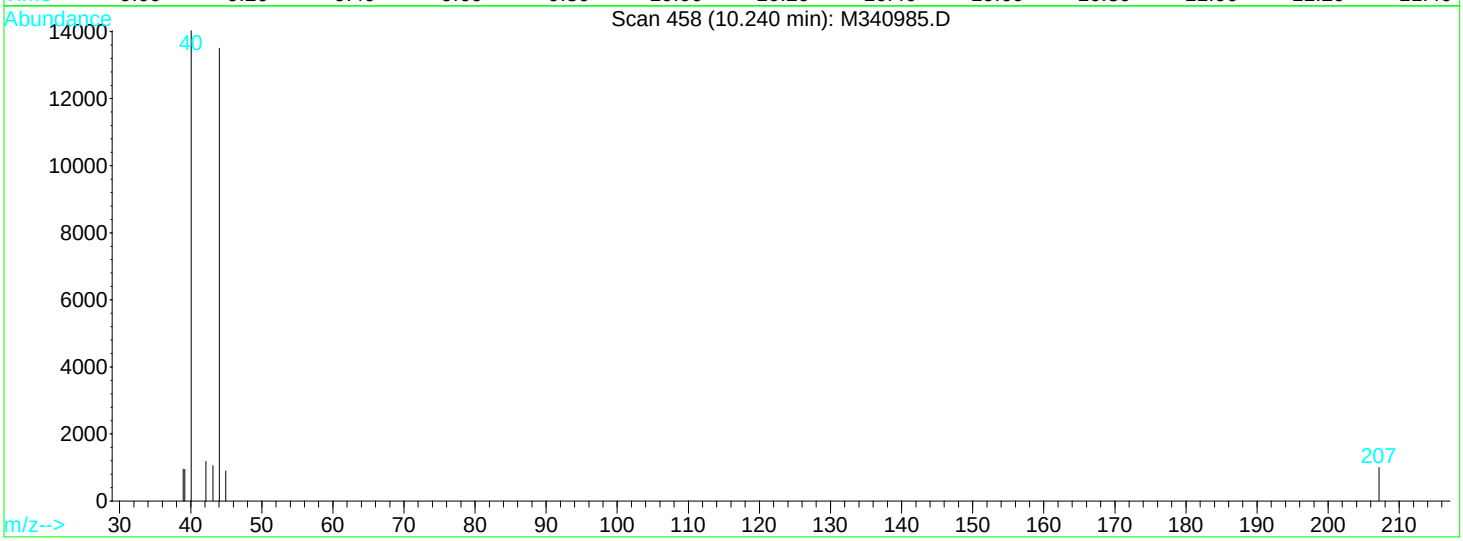
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:29 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(32) Tetrahydrofuran

10.24min 0.36ug/l

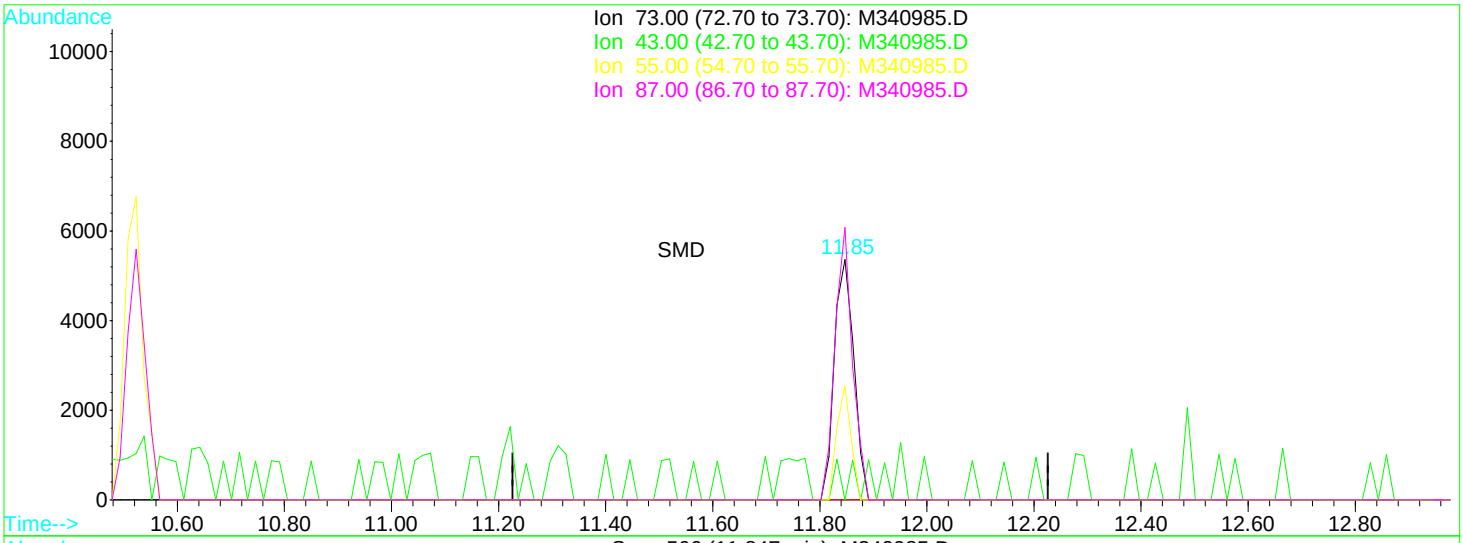
response 2716

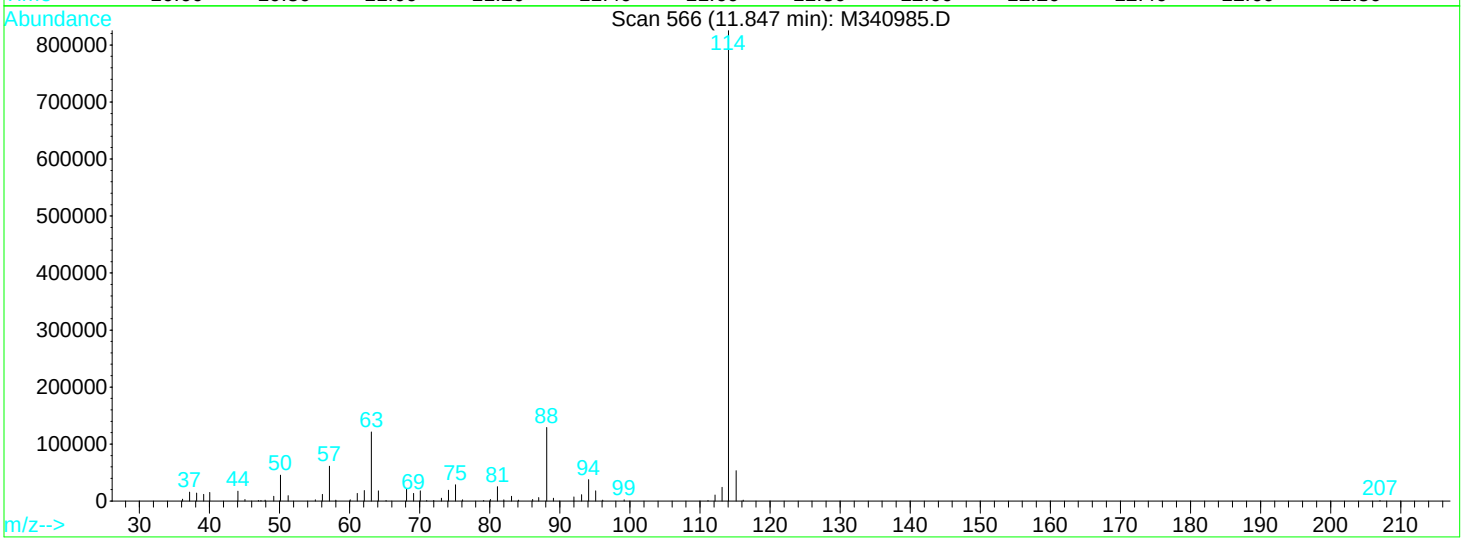
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(43) Tertiary-amyl methyl ether

11.85min 0.23ug/l

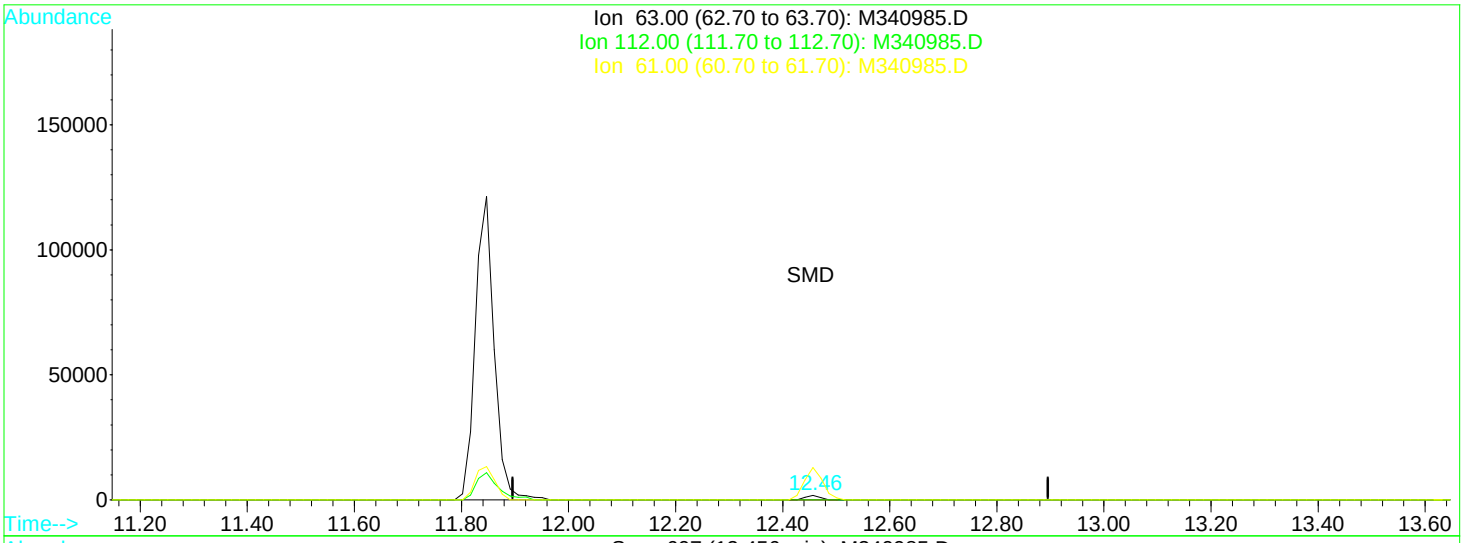
response 13651

Ion	Exp%	Act%
73.00	100	100
43.00	38.50	0.00#
55.00	29.80	47.34
87.00	22.80	113.33#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration



TIC: M340985.D

(45) 1,2-Dichloropropane

12.46min 0.13ug/l

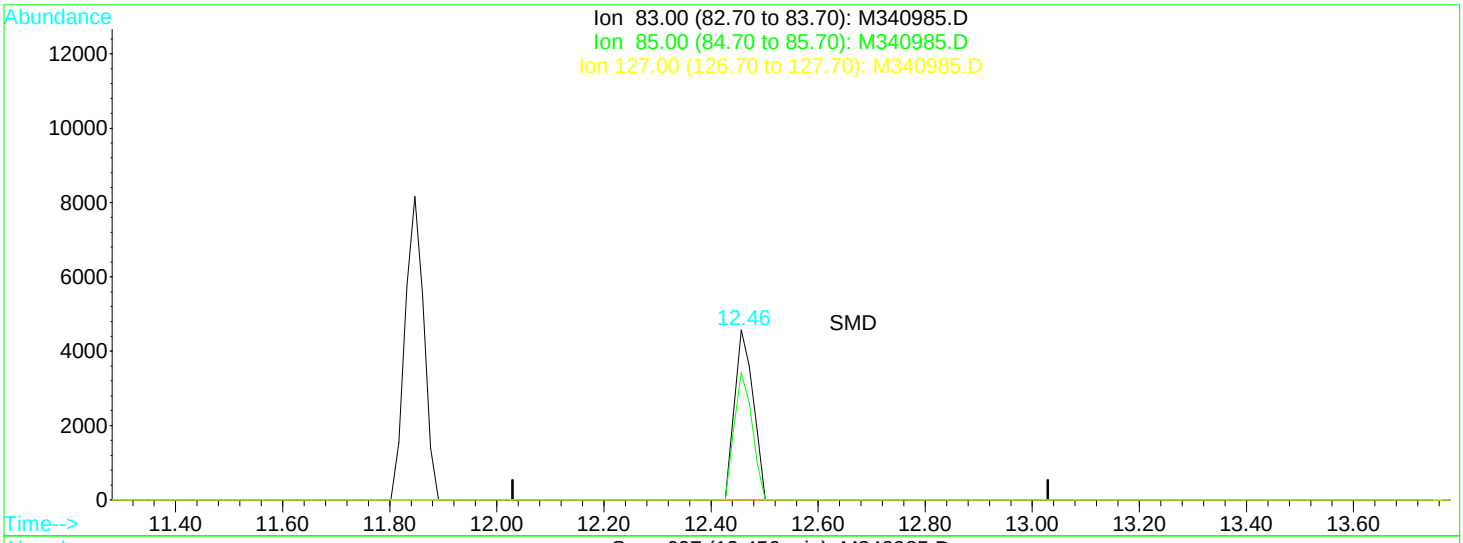
response 3441

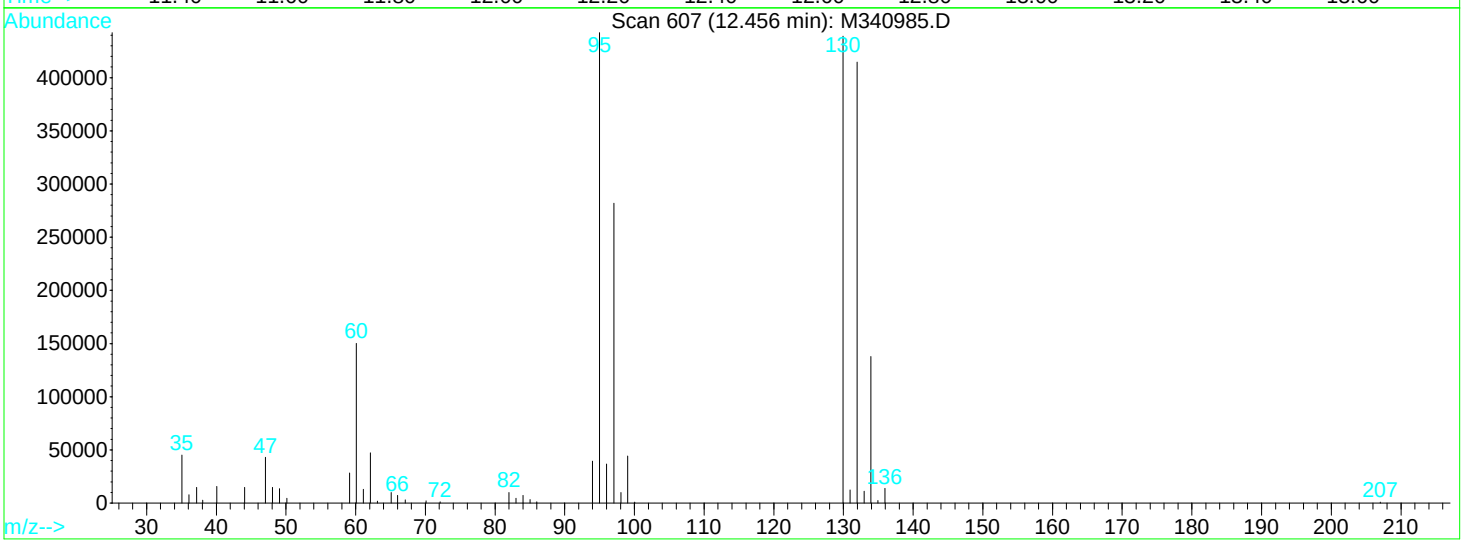
Ion	Exp%	Act%
63.00	100	100
112.00	5.20	0.00
61.00	12.60	699.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(48) Bromodichloromethane

12.46min 0.35ug/l

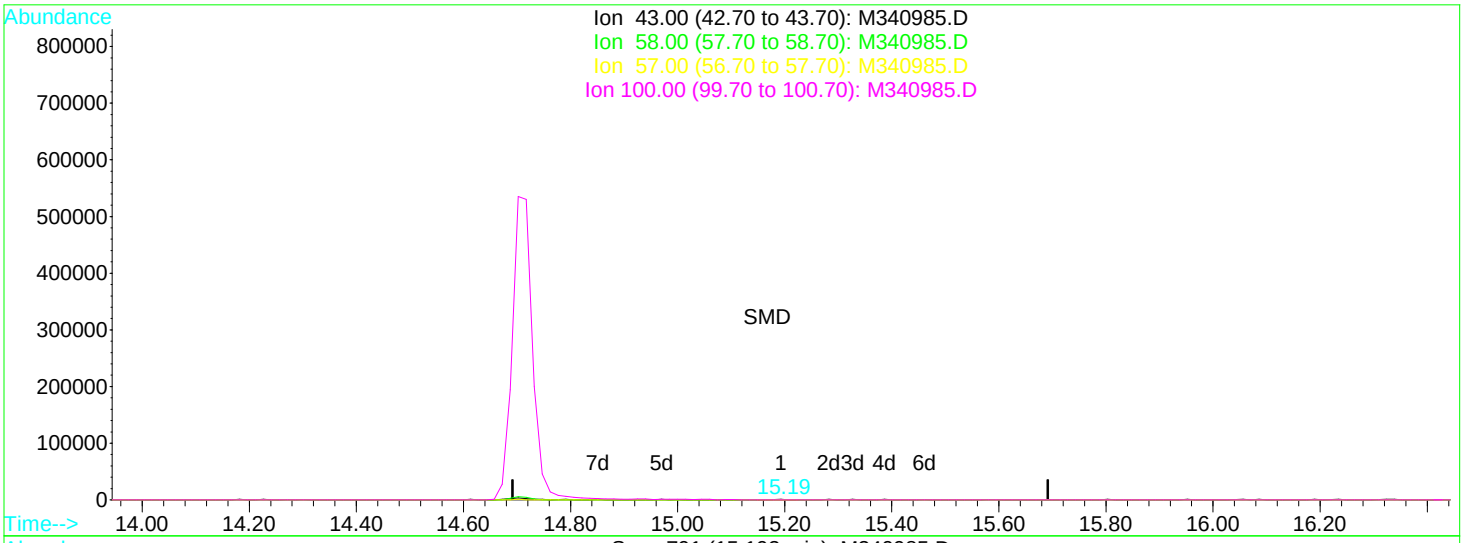
response 10979

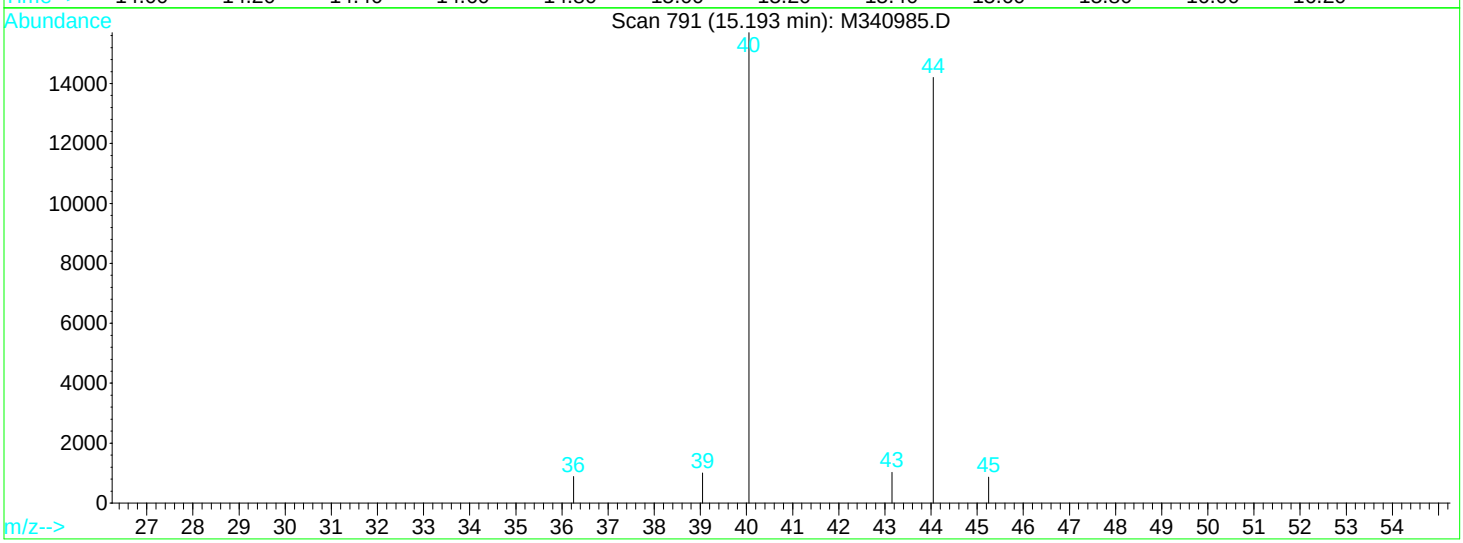
Ion	Exp%	Act%
83.00	100	100
85.00	63.30	74.69
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(61) 2-Hexanone

15.19min 0.10ug/l

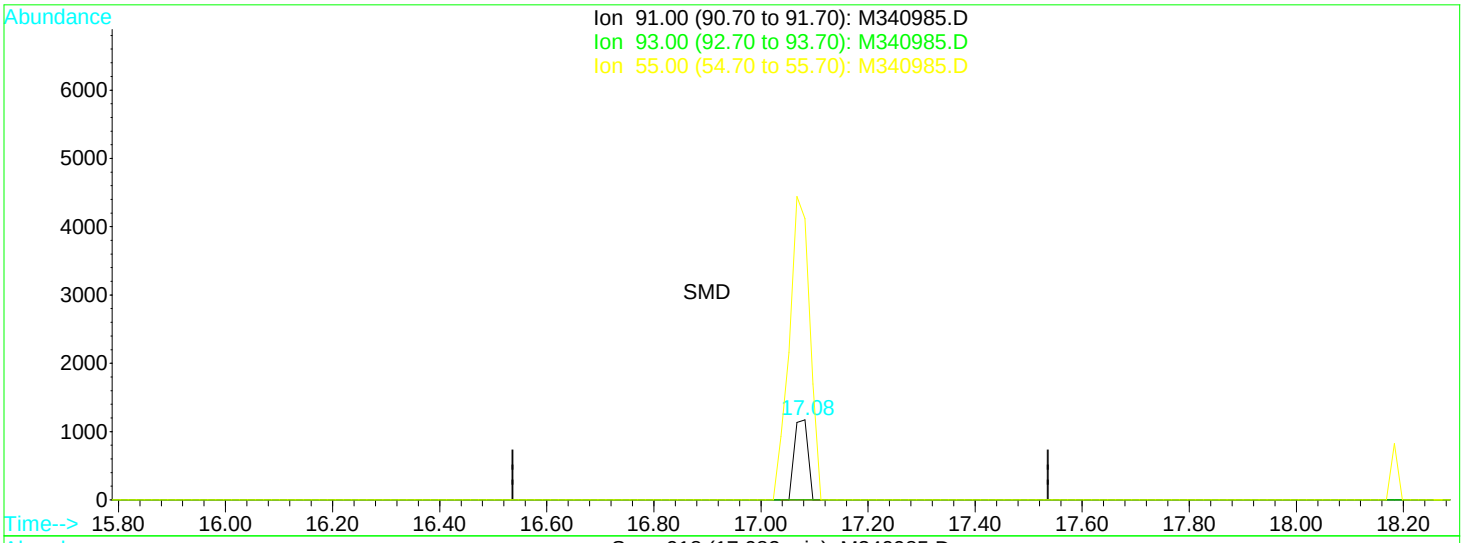
response 1710

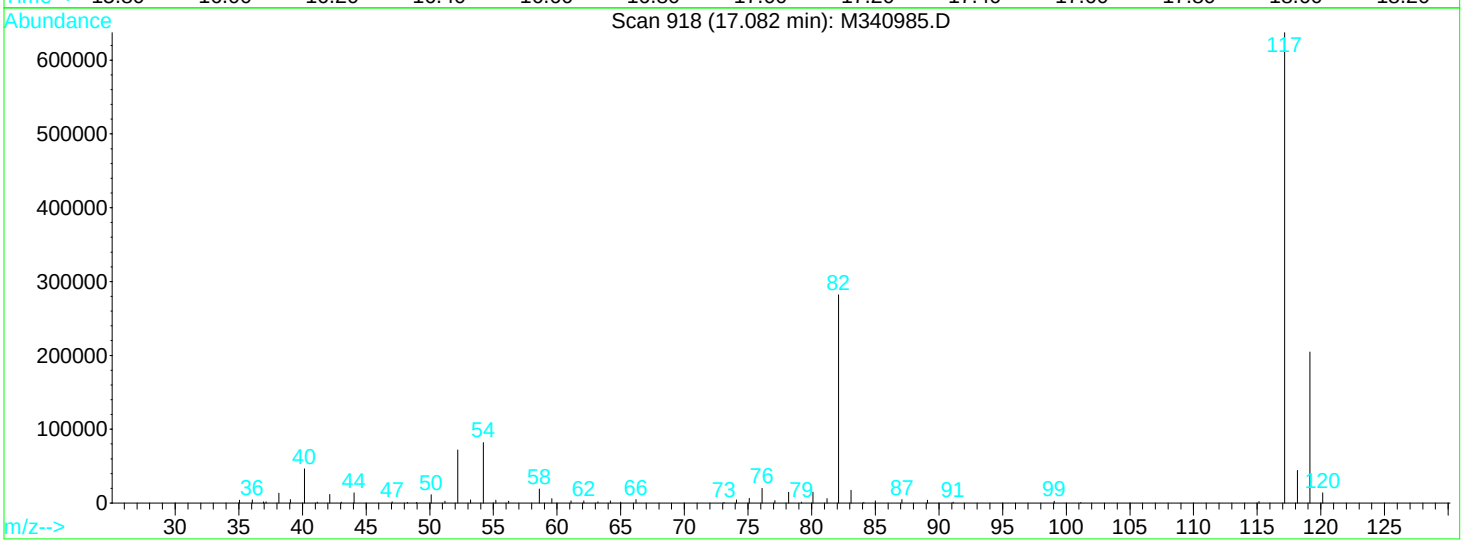
Ion	Exp%	Act%
43.00	100	100
58.00	50.60	0.00#
57.00	15.20	0.00
100.00	11.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340985.D

(66) 1-Chlorohexane

17.08min 0.10ug/l

response 2057

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	351.37#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

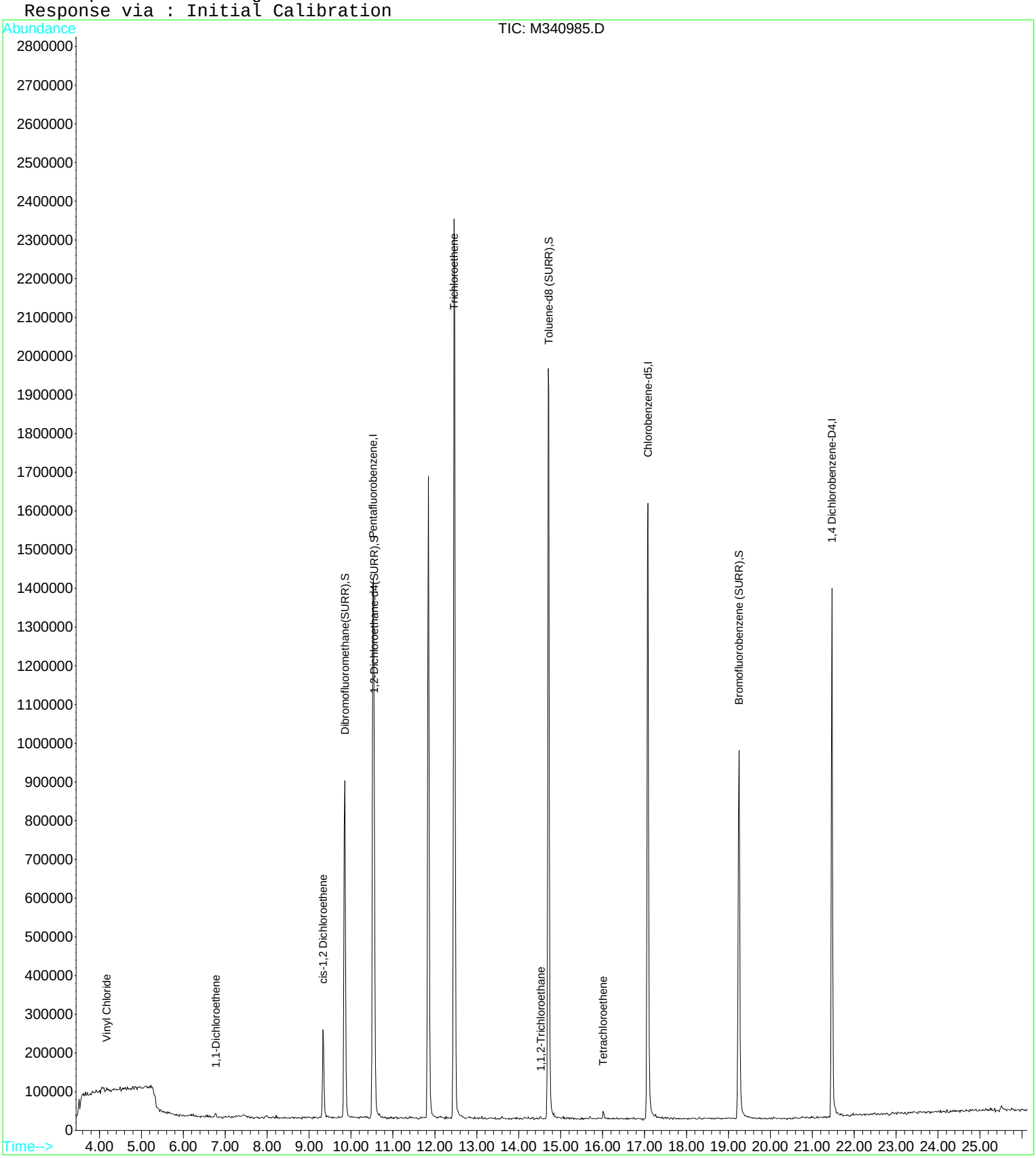
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1168144	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1652785	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	521989	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	771759	23.51	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.04%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	522550	22.29	ug/l	0.00
Spiked Amount 25.000			Recovery = 89.16%			
59) Toluene-d8 (SURR)	14.72	98	2026803	26.00	ug/l	0.00
Spiked Amount 25.000			Recovery = 104.00%			
75) Bromofluorobenzene (SURR)	19.25	95	618887	23.46	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.84%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.17	62	2786	0.11	ug/l #	1
16) 1,1-Dichloroethene	6.77	96	6699	0.27	ug/l	95
27) cis-1,2 Dichloroethene	9.33	96	153463	4.74	ug/l	95
44) Trichloroethene	12.46	95	1105195	41.05	ug/l	95
56) 1,1,2-Trichloroethane	14.52	83	3636	0.16	ug/l #	46
63) Tetrachloroethene	16.01	164	6785	0.42	ug/l	97

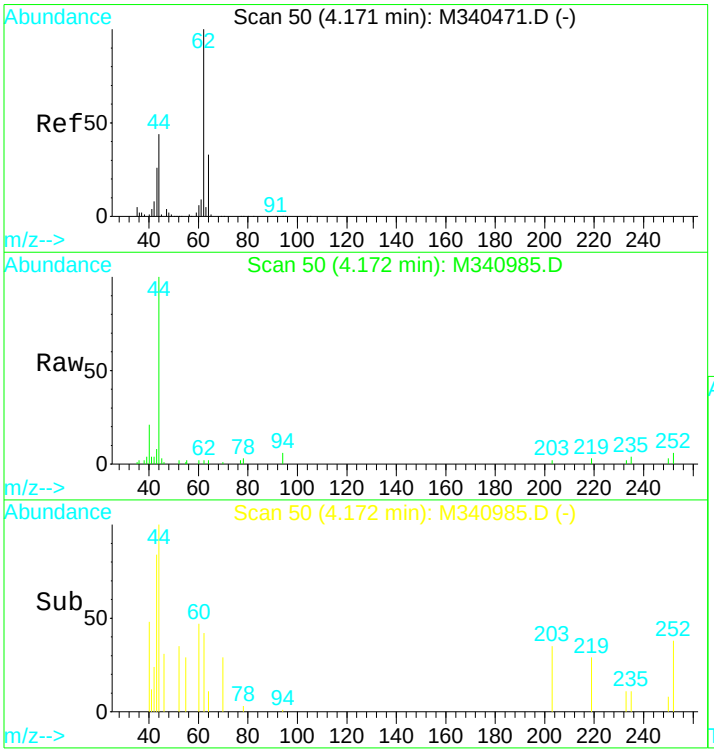
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340985.D Vial: 13
Acq On : 16 Aug 2010 2:46 pm Operator: MD
Sample : 1008142-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:30 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

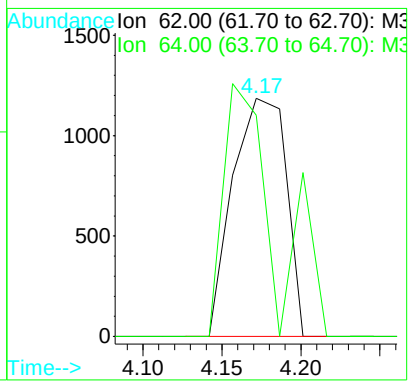


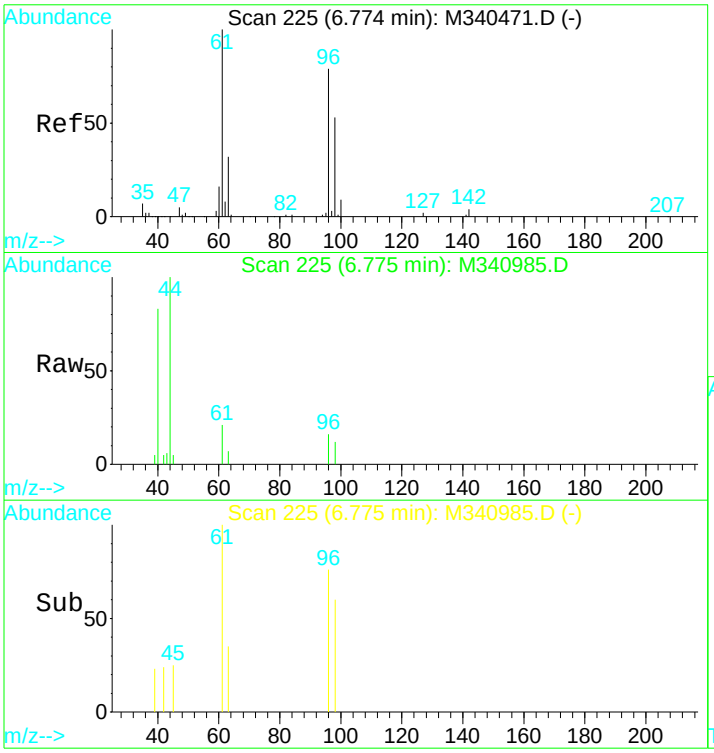


#4
Vinyl Chloride
Concen: 0.11 ug/l
RT: 4.17 min Scan# 50
Delta R.T. 0.00 min
Lab File: M340985.D
Acq: 16 Aug 2010 2:46 pm

Tgt Ion: 62 Resp: 2786

Ion	Ratio	Lower	Upper
62	100		
64	92.9	3.4	63.4#

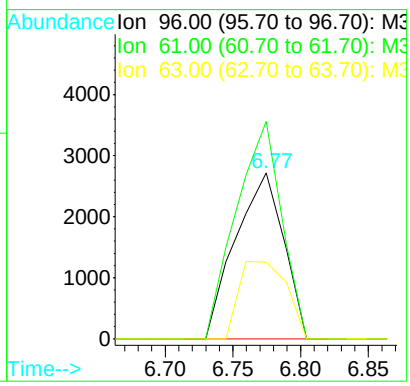


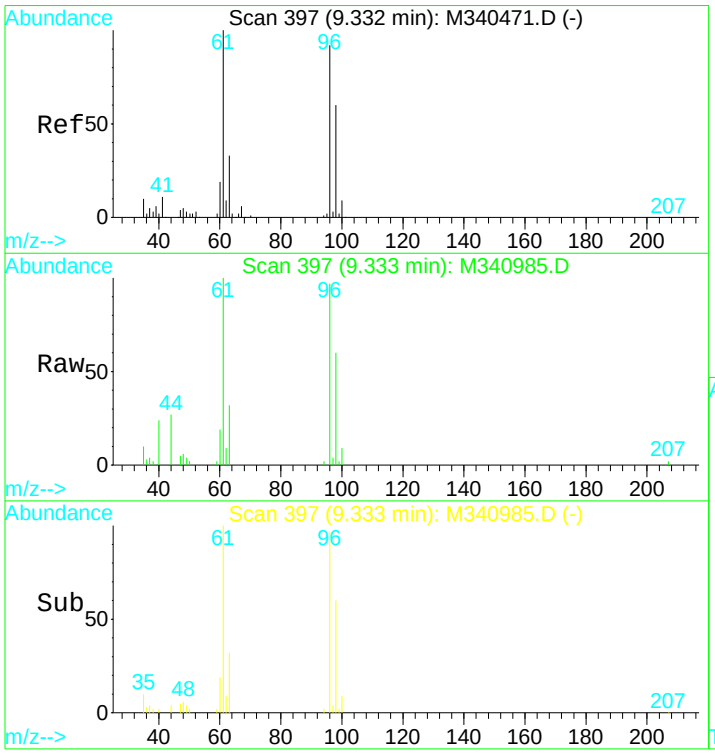


#16
1,1-Dichloroethene
Concen: 0.27 ug/l
RT: 6.77 min Scan# 225
Delta R.T. 0.00 min
Lab File: M340985.D
Acq: 16 Aug 2010 2:46 pm

Tgt Ion: 96 Resp: 6699

Ion	Ratio	Lower	Upper
96	100		
61	131.0	96.7	156.7
63	46.2	10.1	70.1

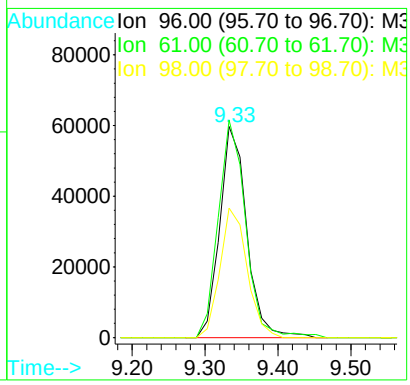


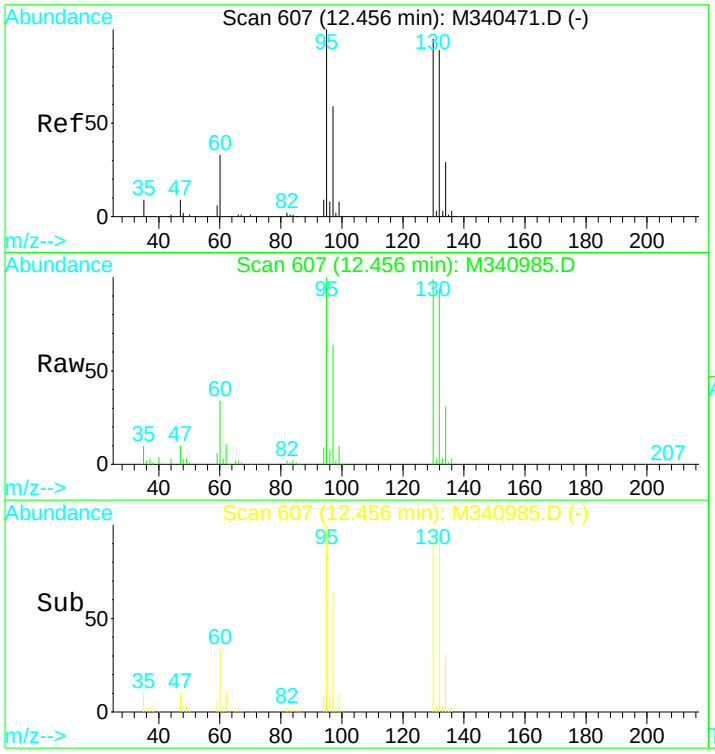


#27
cis-1,2 Dichloroethene
Concen: 4.74 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340985.D
Acq: 16 Aug 2010 2:46 pm

Tgt Ion: 96 Resp: 153463

Ion	Ratio	Lower	Upper
96	100		
61	103.1	79.2	139.2
98	61.4	35.1	95.1

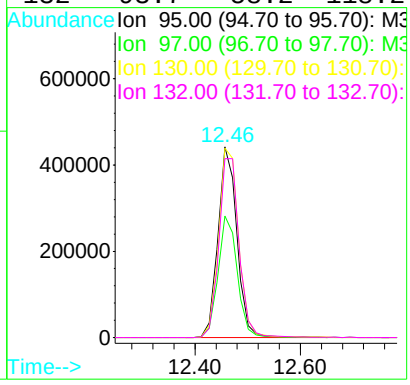


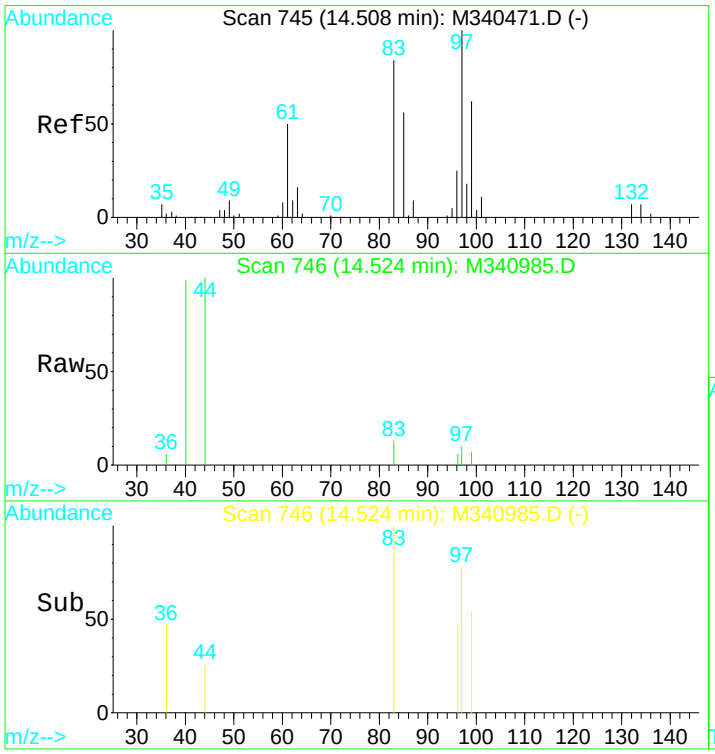


#44
Trichloroethene
Concen: 41.05 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340985.D
Acq: 16 Aug 2010 2:46 pm

Tgt Ion: 95 Resp: 1105195

Ion	Ratio	Lower	Upper
95	100		
97	63.7	31.8	91.8
130	99.2	64.0	124.0
132	93.7	58.2	118.2

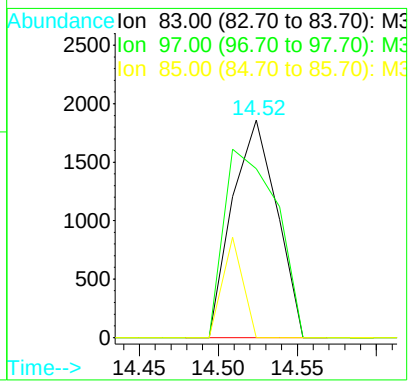


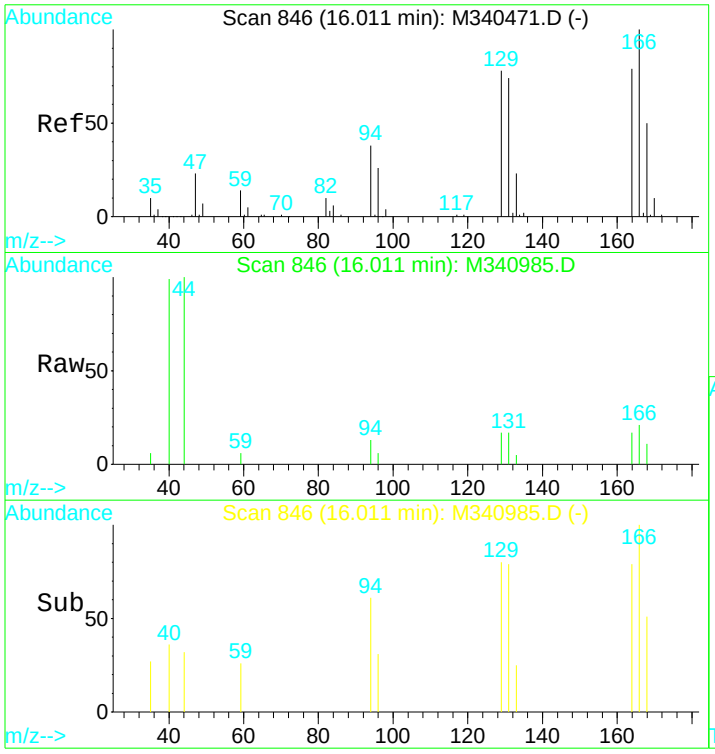


#56
1,1,2-Trichloroethane
Concen: 0.16 ug/l
RT: 14.52 min Scan# 746
Delta R.T. 0.02 min
Lab File: M340985.D
Acq: 16 Aug 2010 2:46 pm

Tgt Ion: 83 Resp: 3636

Ion	Ratio	Lower	Upper
83	100		
97	77.5	88.5	148.5#
85	0.0	36.8	96.8#

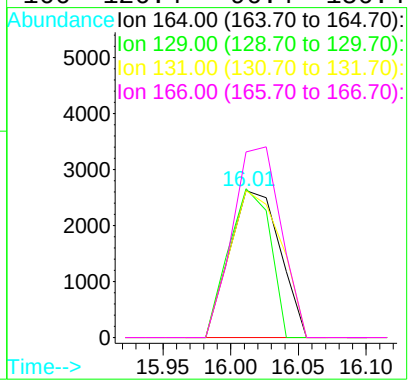




#63
Tetrachloroethene
Concen: 0.42 ug/l
RT: 16.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: M340985.D
Acq: 16 Aug 2010 2:46 pm

Tgt Ion:164 Resp: 6785

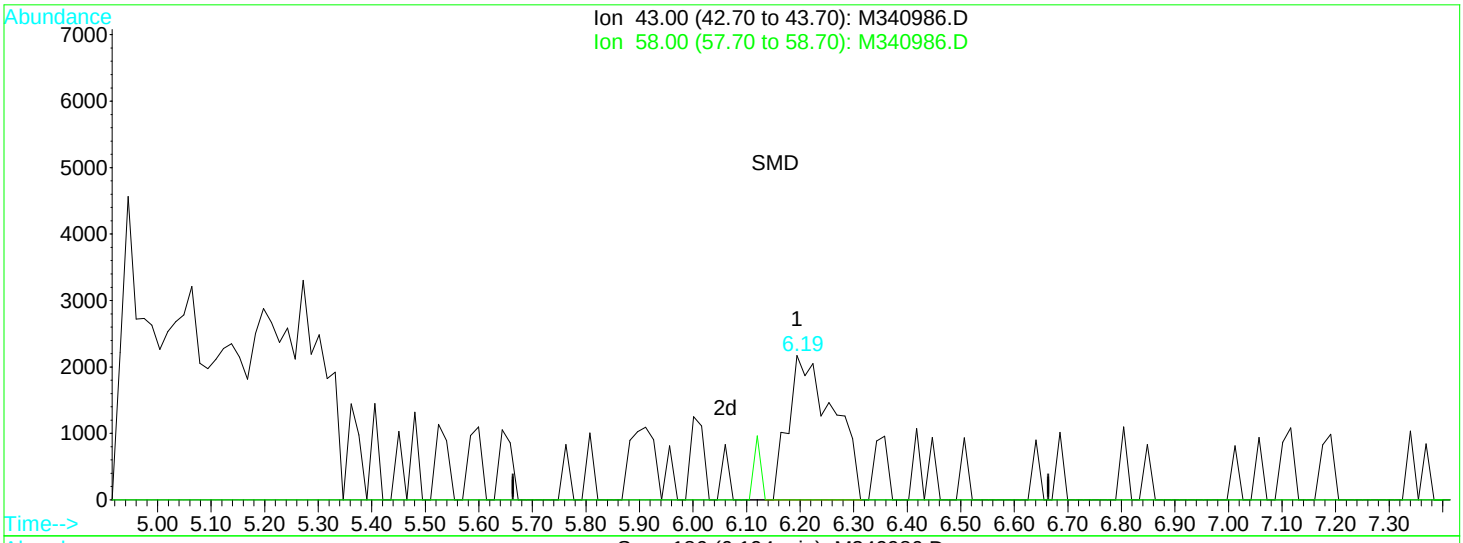
Ion	Ratio	Lower	Upper
164	100		
129	101.2	68.3	128.3
131	100.1	63.6	123.6
166	126.4	96.4	156.4

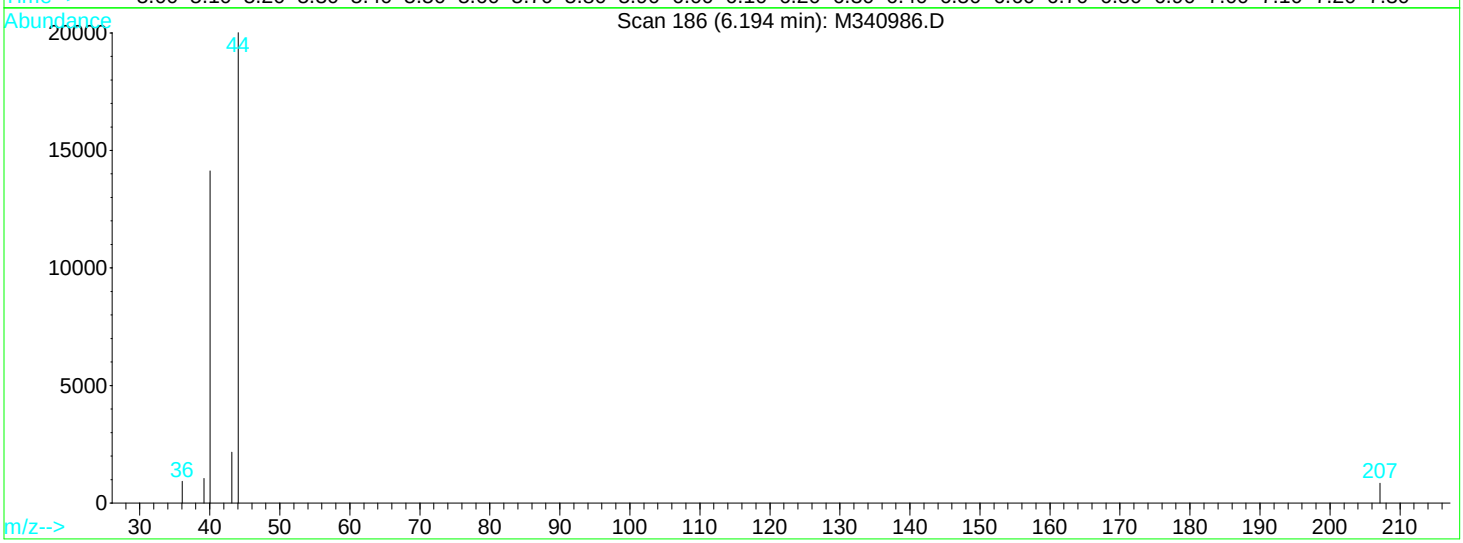


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340986.D

(10) Acetone

6.19min 1.79ug/l

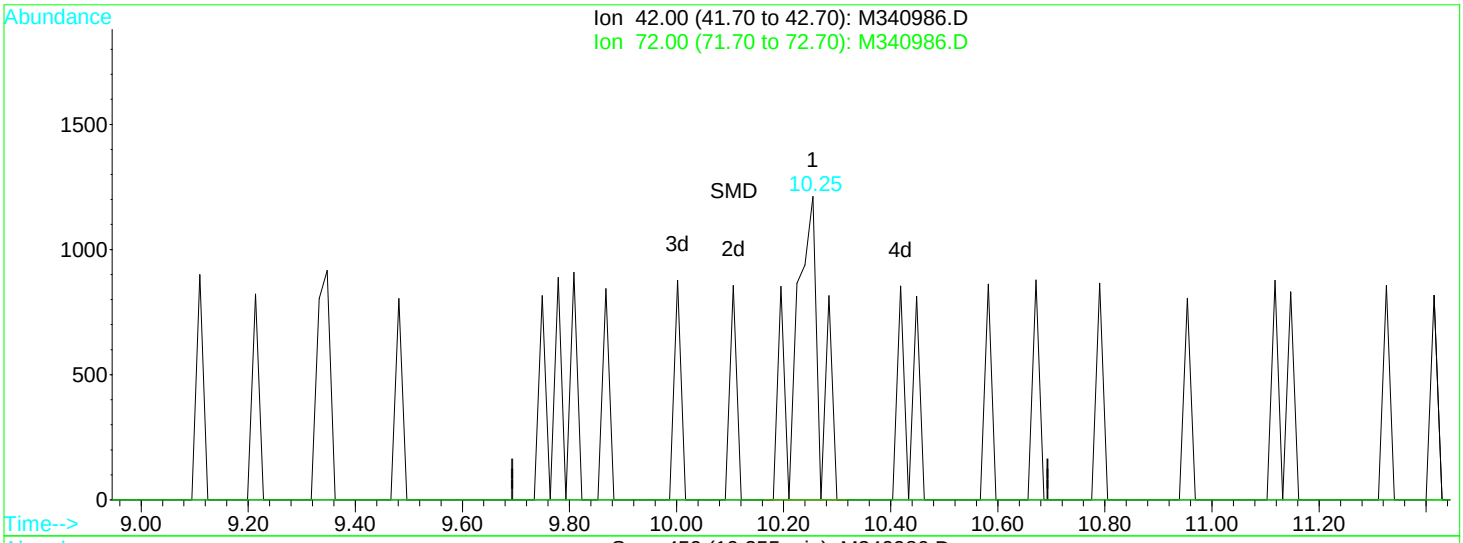
response 12753

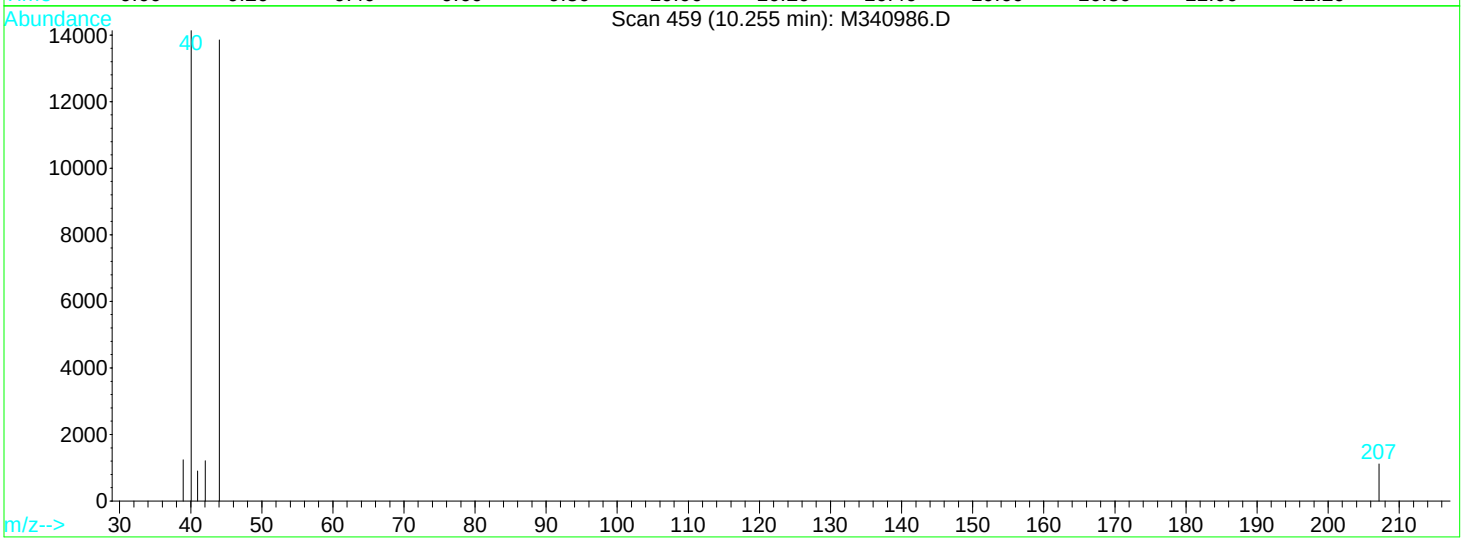
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340986.D

(32) Tetrahydrofuran

10.25min 0.55ug/l

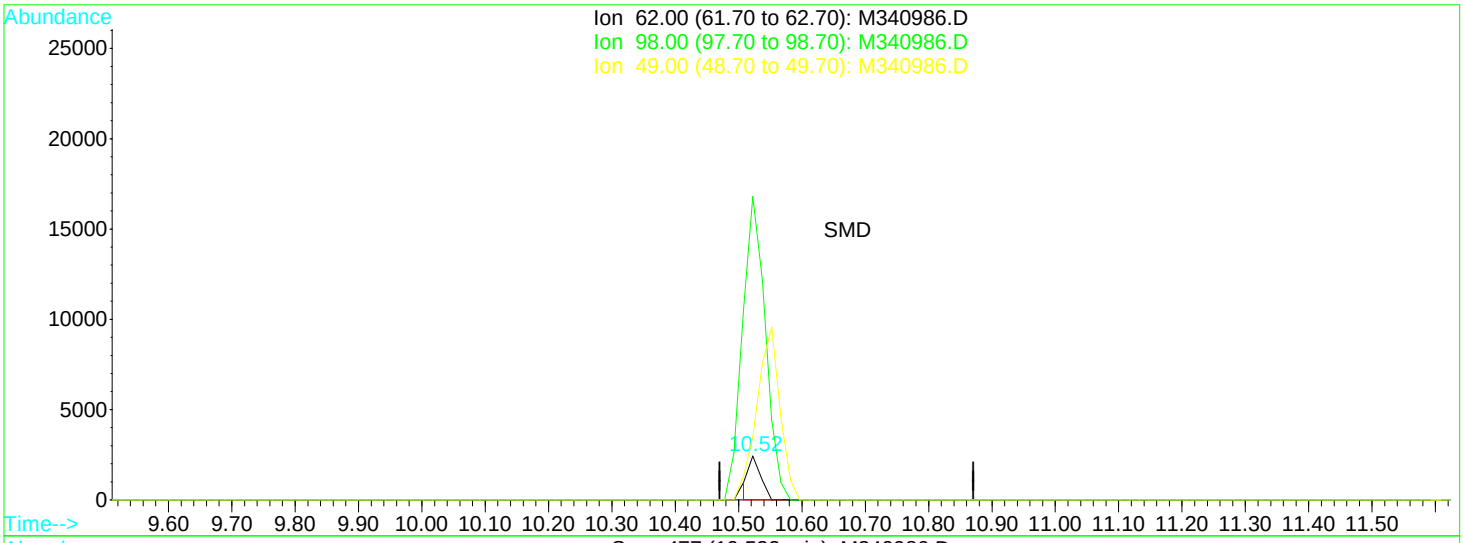
response 4180

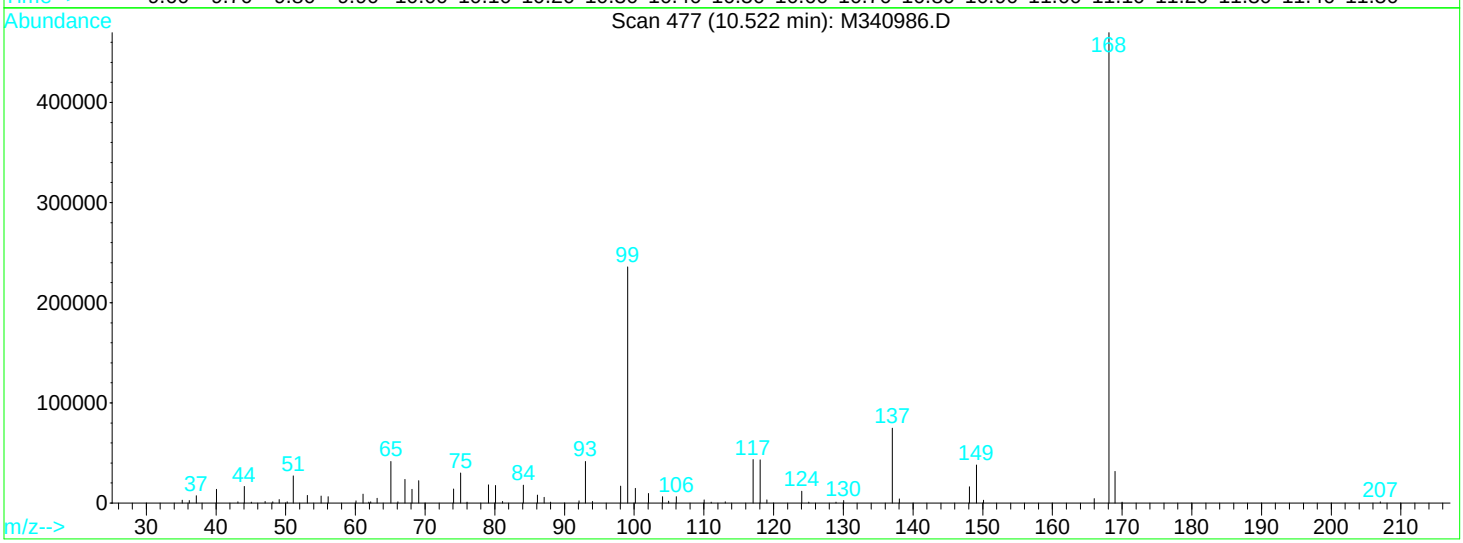
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340986.D

(42) 1,2-Dichloroethane

10.52min 0.11ug/l

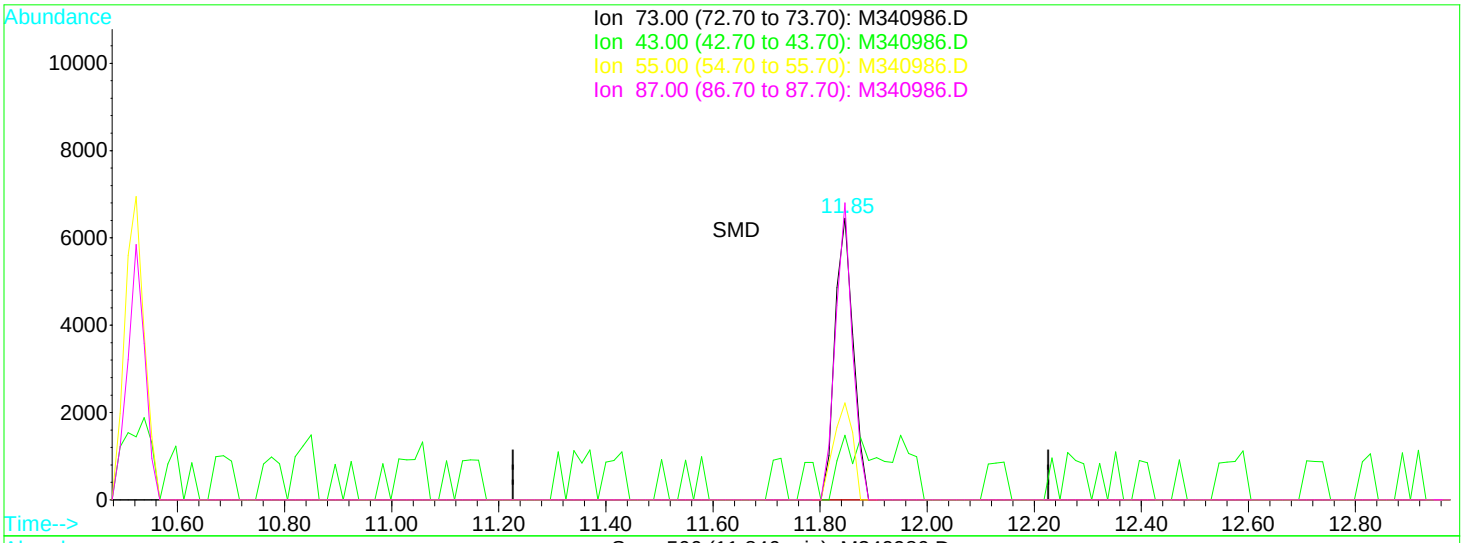
response 3119

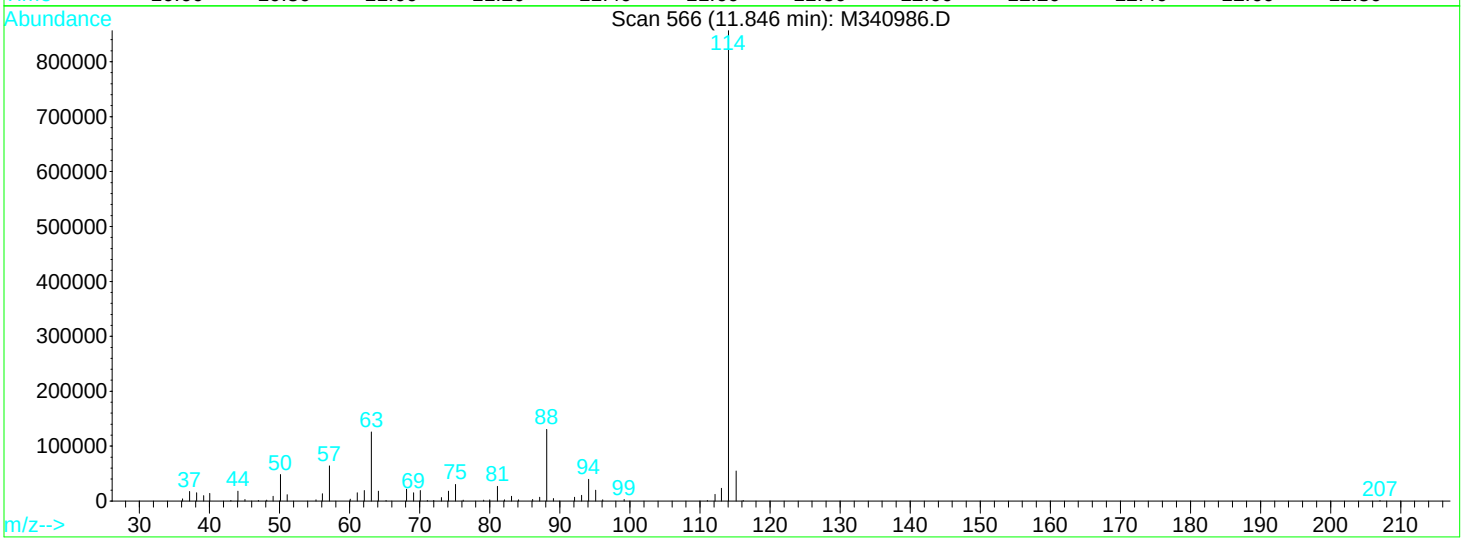
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	694.26#
49.00	39.80	144.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340986.D

(43) Tertiary-amyl methyl ether

11.85min 0.26ug/l

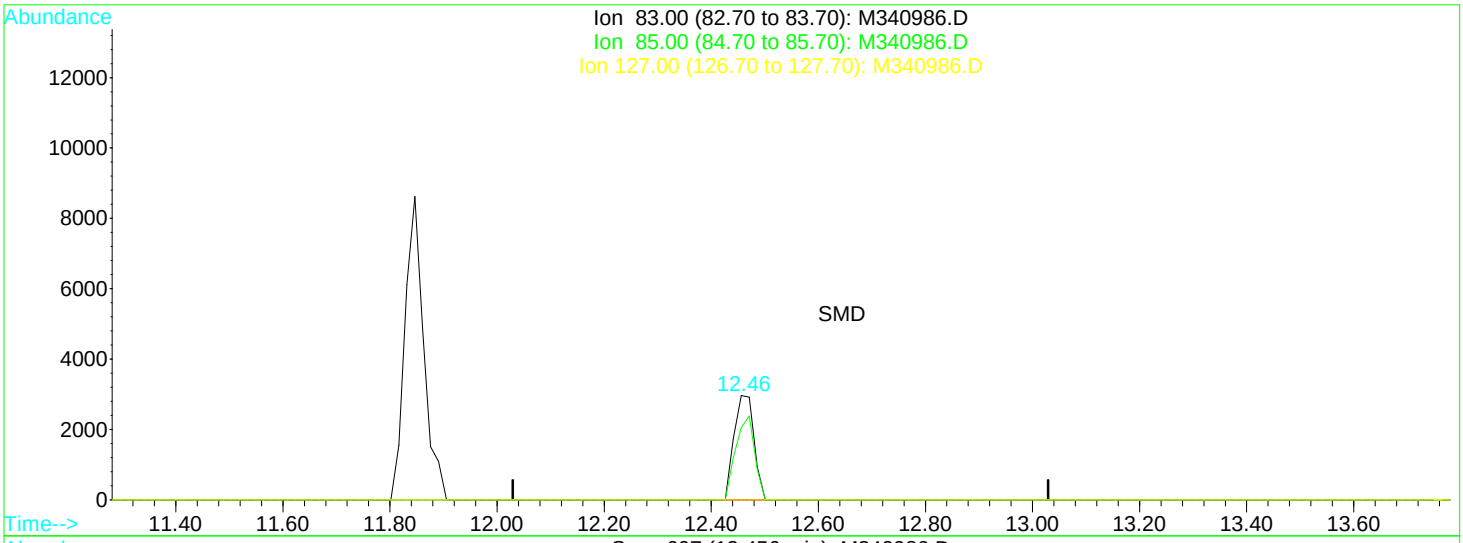
response 15501

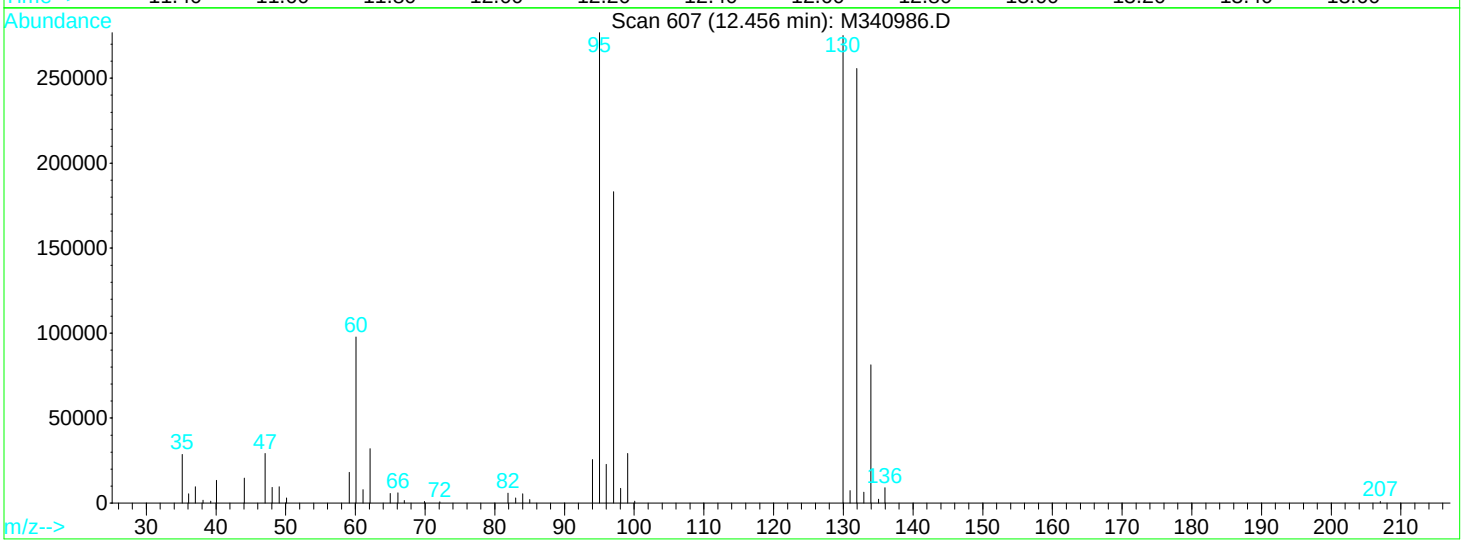
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	23.01
55.00	29.80	34.48
87.00	22.80	105.54#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340986.D

(48) Bromodichloromethane

12.46min 0.24ug/l

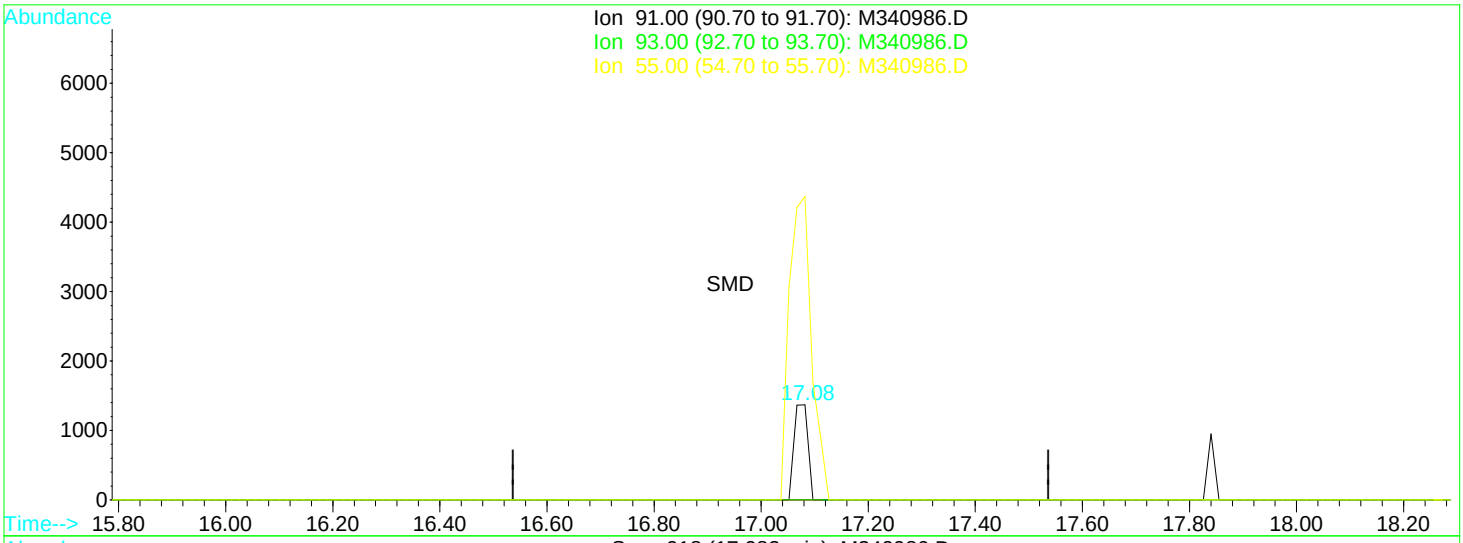
response 7636

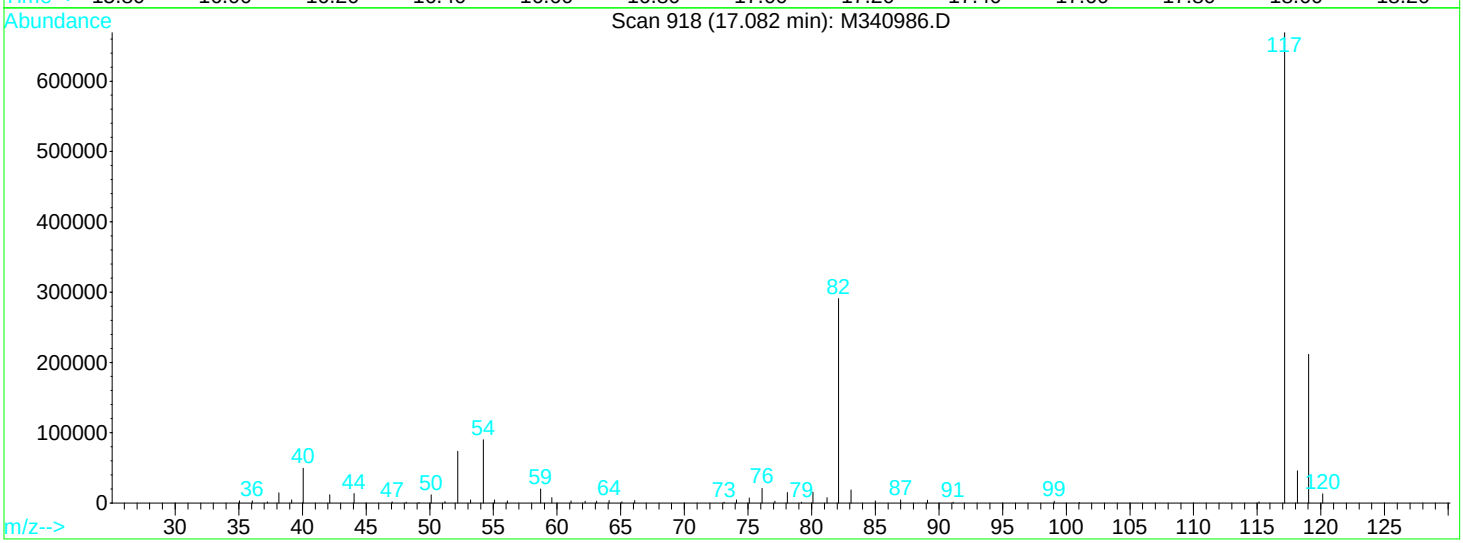
Ion	Exp%	Act%
83.00	100	100
85.00	63.30	69.42
127.00	9.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340986.D

(66) 1-Chlorohexane

17.08min 0.12ug/l

response 2442

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	318.82#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

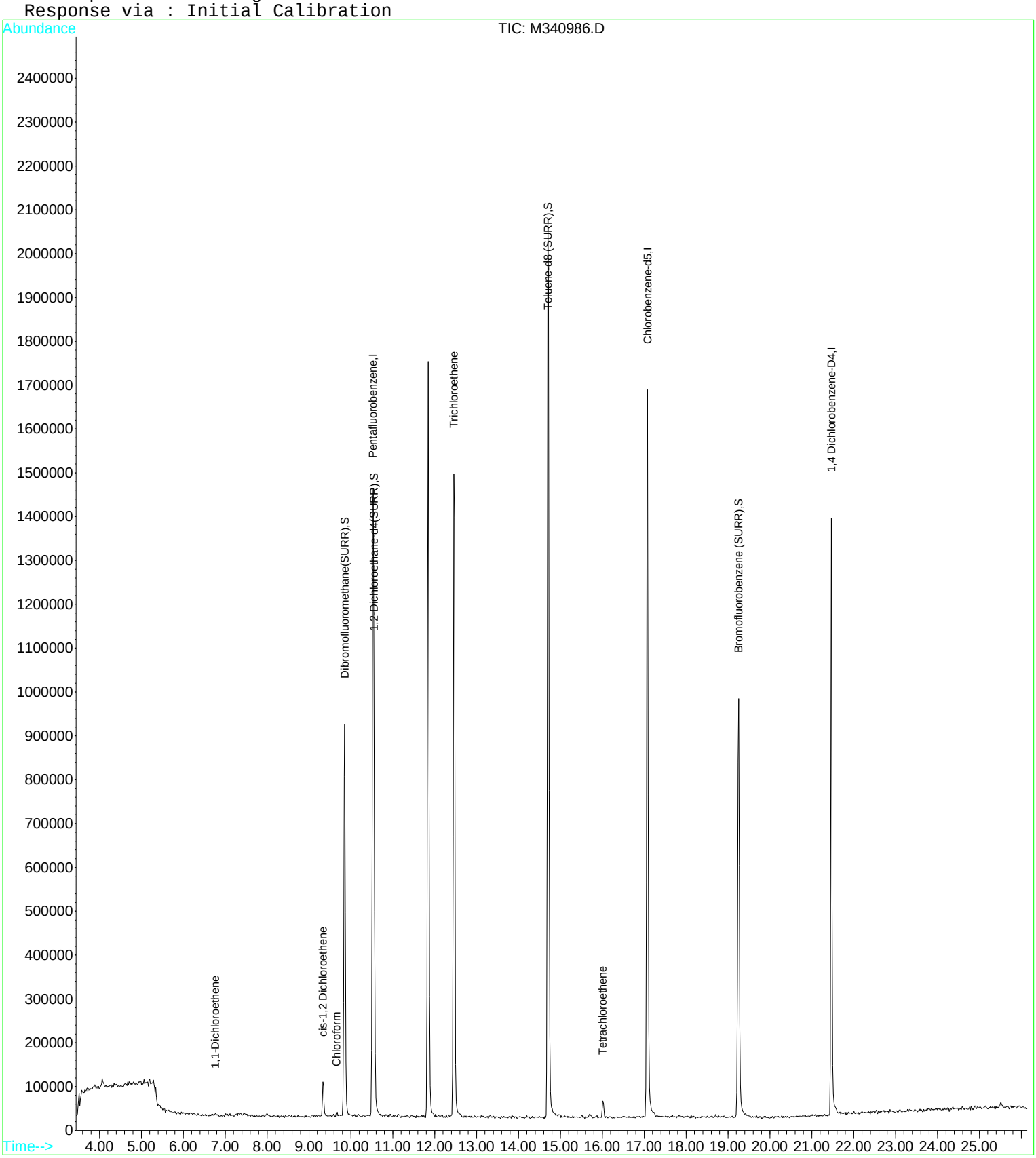
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1182133	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1694289	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	534169	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	778981	23.44	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.76%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	520406	21.93	ug/l	0.00
Spiked Amount 25.000			Recovery = 87.72%			
59) Toluene-d8 (SURR)	14.70	98	2093440	26.19	ug/l	-0.01
Spiked Amount 25.000			Recovery = 104.76%			
75) Bromofluorobenzene (SURR)	19.25	95	626358	23.16	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.64%			
Target Compounds						Qvalue
16) 1,1-Dichloroethene	6.76	96	2142	0.09	ug/l #	55
27) cis-1,2 Dichloroethene	9.33	96	49684	1.52	ug/l	96
33) Chloroform	9.66	83	8311	0.19	ug/l	89
44) Trichloroethene	12.46	95	714098	26.21	ug/l	95
63) Tetrachloroethene	16.01	164	13899	0.85	ug/l	95

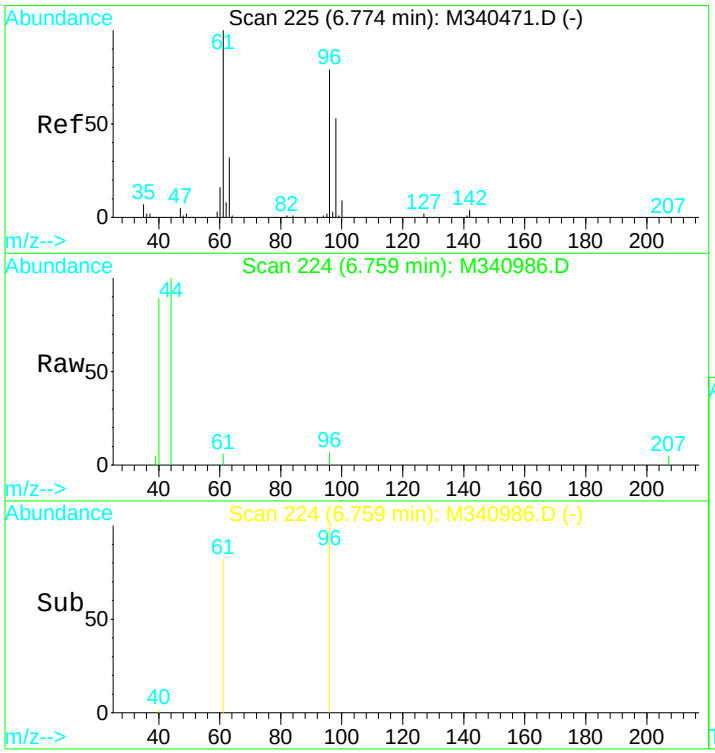
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340986.D Vial: 14
Acq On : 16 Aug 2010 3:18 pm Operator: MD
Sample : 1008142-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

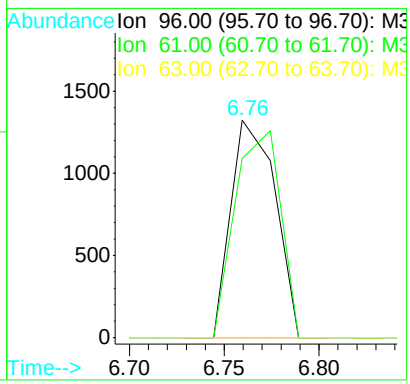


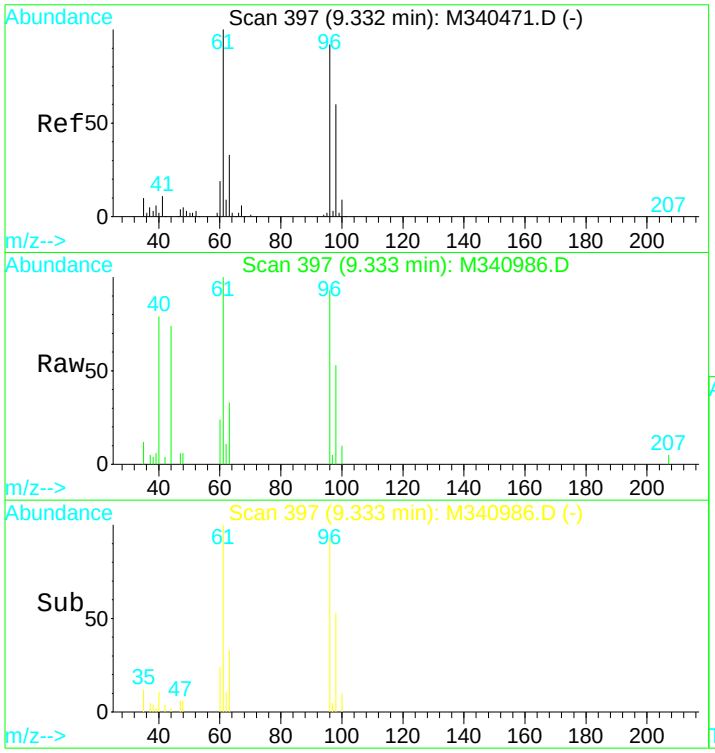


#16
1,1-Dichloroethene
Concen: 0.09 ug/l
RT: 6.76 min Scan# 224
Delta R.T. -0.01 min
Lab File: M340986.D
Acq: 16 Aug 2010 3:18 pm

Tgt Ion: 96 Resp: 2142

Ion	Ratio	Lower	Upper
96	100		
61	82.3	96.7	156.7#
63	0.0	10.1	70.1#

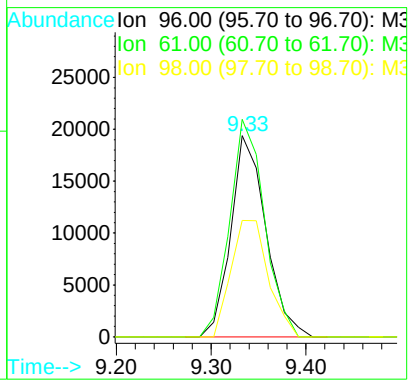


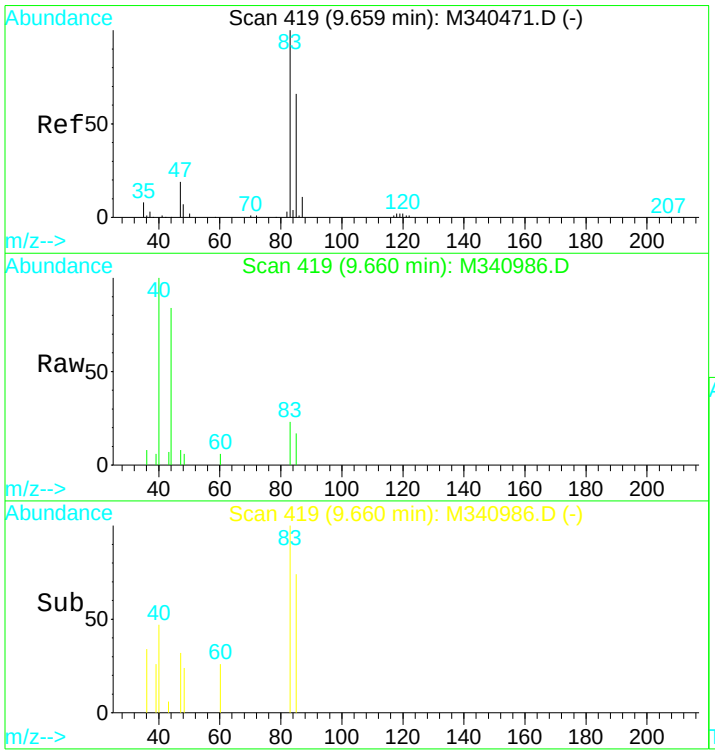


#27
cis-1,2 Dichloroethene
Concen: 1.52 ug/l
RT: 9.33 min Scan# 397
Delta R.T. 0.00 min
Lab File: M340986.D
Acq: 16 Aug 2010 3:18 pm

Tgt Ion: 96 Resp: 49684

Ion	Ratio	Lower	Upper
96	100		
61	108.1	79.2	139.2
98	57.8	35.1	95.1

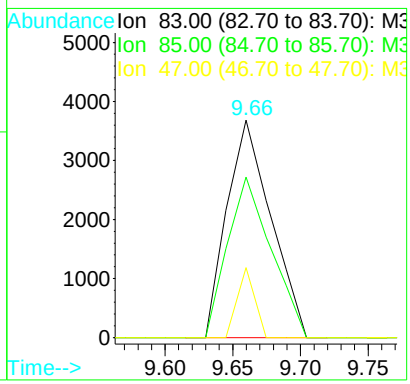


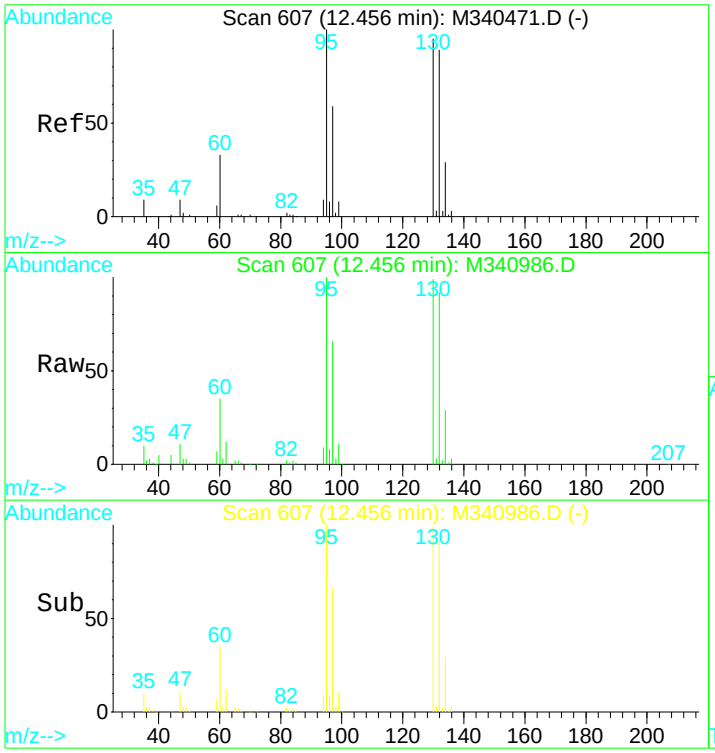


#33
Chloroform
Concen: 0.19 ug/l
RT: 9.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: M340986.D
Acq: 16 Aug 2010 3:18 pm

Tgt Ion: 83 Resp: 8311

Ion	Ratio	Lower	Upper
83	100		
85	73.8	35.8	95.8
47	32.1	0.0	54.6

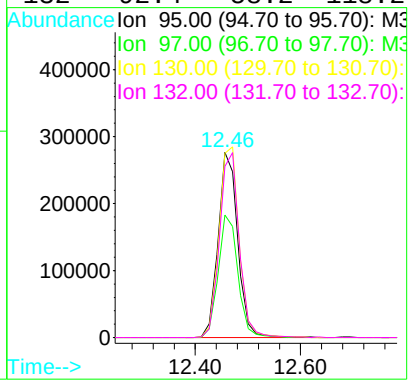


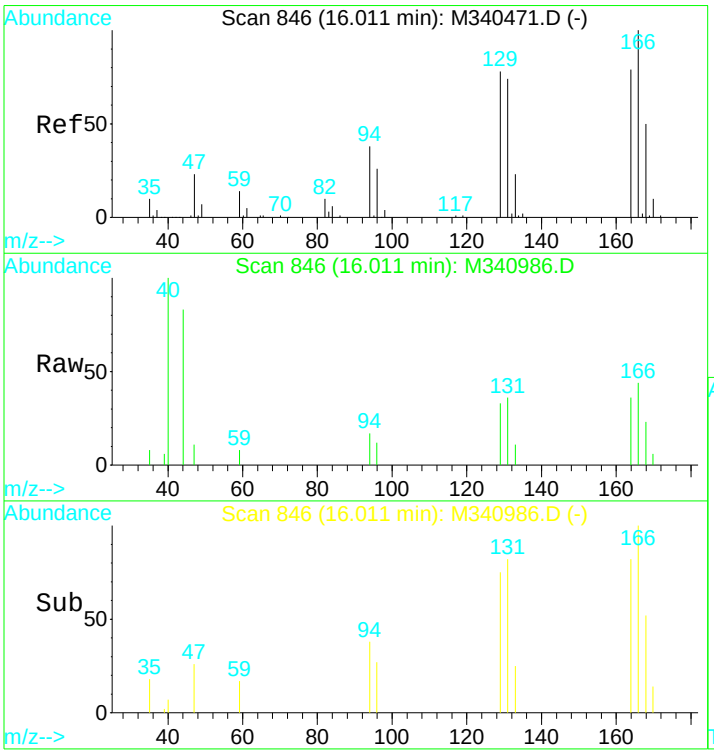


#44
Trichloroethene
Concen: 26.21 ug/l
RT: 12.46 min Scan# 607
Delta R.T. 0.00 min
Lab File: M340986.D
Acq: 16 Aug 2010 3:18 pm

Tgt Ion: 95 Resp: 714098

Ion	Ratio	Lower	Upper
95	100		
97	66.2	31.8	91.8
130	99.4	64.0	124.0
132	92.4	58.2	118.2

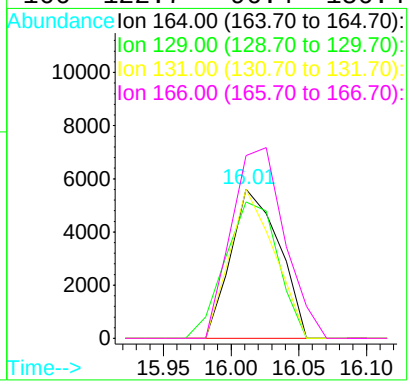




#63
Tetrachloroethene
Concen: 0.85 ug/l
RT: 16.01 min Scan# 846
Delta R.T. 0.00 min
Lab File: M340986.D
Acq: 16 Aug 2010 3:18 pm

Tgt Ion:164 Resp: 13899

Ion	Ratio	Lower	Upper
164	100		
129	91.5	68.3	128.3
131	100.2	63.6	123.6
166	122.7	96.4	156.4



VOA
Quality Control Data

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 1008142

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: CH01208 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW239	1008142-01	M340932.D	08/12/10 08:00	Data Package - J Flag
GWMW240	1008142-02	M340933.D	08/12/10 08:00	Data Package - J Flag
~~GWMW236s~~	~~1008142-03~~	~~M340984.D~~	~~08/12/10 08:00~~	~~MS/MSD,Data Package - J Flag~~
GWMW236s	1008142-03	M340934.D	08/12/10 08:00	MS/MSD,Data Package - J Flag
~~GWMW236s Dup~~	~~1008142-04~~	~~M340985.D~~	~~08/12/10 08:00~~	~~Data Package - J Flag~~
GWMW236s Dup	1008142-04	M340935.D	08/12/10 08:00	Data Package - J Flag
GWMW 236D	1008142-05	M340936.D	08/12/10 08:00	Data Package - J Flag
~~GWMW241~~	~~1008142-07~~	~~M340983.D~~	~~08/12/10 08:00~~	~~Data Package - J Flag~~
GWMW241	1008142-07	M340938.D	08/12/10 08:00	Data Package - J Flag
Blank	CH01208-BLK1	M340926.D	08/12/10 08:00	
LCS } w/in Limits	CH01208-BS1	M340922.D	08/12/10 08:00	
LCS Dup }	CH01208-BSD1	M340923.D	08/12/10 08:00	
GWMW236s	CH01208-MS1	M340941.D	08/12/10 08:00	
GWMW236s	CH01208-MSD1	M340942.D	08/12/10 08:00	

MS/MSD

Bromomethane 66% UJ Qual associated sample : Field dup {GWMW236S / GWMW236S Dup

TCE Not reported (spike amount was 10 ppb) sample conc 769 OK ✓ ↳ >4X spk amt

~~Spike~~

Acetone @ 6.4 mg/L x10 = 64ppb

MeCl2 @ 0.6 mg/L x10 = 6ppb

TC 8/23/10

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 1008142

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: CH01314 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW242	1008142-06	M340965.D	08/13/10 08:00	Data Package - J Flag
Blank	CH01314-BLK1	M340955.D	08/13/10 08:00	
LCS	CH01314-BS1	M340951.D	08/13/10 08:00	
LCS Dup	CH01314-BSD1	M340952.D	08/13/10 08:00	

Action

CS_2 @ .1 ppb x5 = .5 ppb

No hits No Quals

LCS %Rec

2-butanone 137

2-hexanone 162

Acetone 207

} No Quals, No hits in GWMW242

LCSD %Rec

2-butanone 133

2-hexanone 144

Acetone 191

} No Quals, no hits in GWMW242

TC
8/23/10

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 1008142

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: CH01616 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW236s	1008142-03RE1	M340984.D	08/16/10 08:00	MS/MSD,Data Package - J Flag
GWMW236s Dup	1008142-04RE1	M340985.D	08/16/10 08:00	Data Package - J Flag
GWMW241	1008142-07RE1	M340983.D	08/16/10 08:00	Data Package - J Flag
GWMW238D	1008142-08	M340981.D	08/16/10 08:00	Data Package - J Flag
~~GWMW238S~~	~~1008142-09~~	~~M340986.D~~	~~08/16/10 08:00~~	~~Data Package - J Flag~~
GWMW238S	1008142-09	M340982.D	08/16/10 08:00	Data Package - J Flag
GWMW238S	1008142-09RE1	M340986.D	08/16/10 08:00	Data Package - J Flag
GWTB01 Clean	1008142-10	M340980.D	08/16/10 08:00	Data Package - J Flag
Blank Clean	CH01616-BLK1	M340979.D	08/16/10 08:00	
LCS	CH01616-BS1	M340975.D	08/16/10 08:00	
LCS Dup OK	CH01616-BSD1	M340976.D	08/16/10 08:00	

Acetone 145% Rec

TC
8/23/10

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01208-BLK1	File ID:	M340926.D
Prepared:	08/12/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/12/10 11:30	Instrument:	VOA MS3		
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01208-BLK1	File ID:	M340926.D
Prepared:	08/12/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/12/10 11:30	Instrument:	VOA MS3		
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01208-BLK1	File ID:	M340926.D
Prepared:	08/12/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/12/10 11:30	Instrument:	VOA MS3		
Batch:	CH01208	Sequence:	CTH0087	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0206	83	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0225	90	70 - 130	
Toluene-d8	0.02500	0.0258	103	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1657533	17.08	1614437	17.08	
1,4-Dichlorobenzene-D4	508049	21.47	623634	21.47	
Pentafluorobenzene	1195594	10.52	1145796	10.52	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01314-BLK1	File ID:	M340955.D
Prepared:	08/13/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/13/10 14:27	Instrument:	VOA MS3		
Batch:	CH01314	Sequence:	CTH0092	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01314-BLK1	File ID:	M340955.D
Prepared:	08/13/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/13/10 14:27	Instrument:	VOA MS3		
Batch:	CH01314	Sequence:	CTH0092	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01314-BLK1	File ID:	M340955.D
Prepared:	08/13/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/13/10 14:27	Instrument:	VOA MS3		
Batch:	CH01314	Sequence:	CTH0092	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0216	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0228	91	70 - 130	
Dibromofluoromethane	0.02500	0.0232	93	70 - 130	
Toluene-d8	0.02500	0.0259	104	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1648107	17.07	1620431	17.07	
1,4-Dichlorobenzene-D4	510022	21.46	625978	21.46	
Pentafluorobenzene	1165960	10.51	1124760	10.51	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01616-BLK1	File ID:	M340979.D
Prepared:	08/16/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/16/10 11:34	Instrument:	VOA MS3		
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01616-BLK1	File ID:	M340979.D
Prepared:	08/16/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/16/10 11:34	Instrument:	VOA MS3		
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CH01616-BLK1	File ID:	M340979.D
Prepared:	08/16/10 08:00	Preparation:	5030B	Initial/Final:	5 ml / 5 ml
Analyzed:	08/16/10 11:34	Instrument:	VOA MS3		
Batch:	CH01616	Sequence:	CTH0104	Calibration:	1007010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0217	87	70 - 130	
4-Bromofluorobenzene	0.02500	0.0234	94	70 - 130	
Dibromofluoromethane	0.02500	0.0229	92	70 - 130	
Toluene-d8	0.02500	0.0262	105	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Chlorobenzene-d5	1716115	17.07	1596160	17.07	
1,4-Dichlorobenzene-D4	541229	21.47	613709	21.47	
Pentafluorobenzene	1215774	10.52	1145955	10.52	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW236s

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-MS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml
Source Sample Name: GWMW236s

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	ND	10.4	104	70 - 130
1,1,1-Trichloroethane	10.00	0.100	9.99	99	70 - 130
1,1,2,2-Tetrachloroethane	10.00	ND	10.1	101	70 - 130
1,1,2-Trichloroethane	10.00	2.89	13.4	105	70 - 130
1,1-Dichloroethane	10.00	ND	9.89	99	70 - 130
1,1-Dichloroethene	10.00	6.07	16.6	105	70 - 130
1,1-Dichloropropene	10.00	ND	9.51	95	70 - 130
1,2,3-Trichlorobenzene	10.00	ND	8.58	86	70 - 130
1,2,3-Trichloropropane	10.00	ND	9.98	100	70 - 130
1,2,4-Trichlorobenzene	10.00	ND	8.34	83	70 - 130
1,2,4-Trimethylbenzene	10.00	ND	8.99	90	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	ND	9.48	95	70 - 130
1,2-Dibromoethane	10.00	ND	9.97	100	70 - 130
1,2-Dichlorobenzene	10.00	ND	9.67	97	70 - 130
1,2-Dichloroethane	10.00	1.99	11.6	96	70 - 130
1,2-Dichloropropane	10.00	ND	11.8	118	70 - 130
1,3,5-Trimethylbenzene	10.00	ND	9.09	91	70 - 130
1,3-Dichlorobenzene	10.00	ND	9.47	95	70 - 130
1,3-Dichloropropane	10.00	ND	10.1	101	70 - 130
1,4-Dichlorobenzene	10.00	ND	11.0	110	70 - 130
1,4-Dioxane - Screen	200.0	ND	69.4	35	0 - 332
1-Chlorohexane	10.00	ND	8.71	87	70 - 130
2,2-Dichloropropane	10.00	ND	8.66	87	70 - 130
2-Butanone	50.00	ND	47.3	95	70 - 130
2-Chlorotoluene	10.00	ND	9.55	96	70 - 130
2-Hexanone	50.00	ND	46.5	93	70 - 130
4-Chlorotoluene	10.00	ND	9.39	94	70 - 130
4-Isopropyltoluene	10.00	ND	8.64	86	70 - 130
4-Methyl-2-Pentanone	50.00	ND	48.8	98	70 - 130
Acetone	50.00	ND	46.3	93	70 - 130
Benzene	10.00	0.650	10.5	99	70 - 130
Bromobenzene	10.00	ND	10.2	102	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW236s

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01208	Laboratory ID:	CH01208-MS1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

Source Sample Name: GWMW236s

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Bromochloromethane	10.00	ND	10.1	101	70 - 130
Bromodichloromethane	10.00	ND	10.5	105	70 - 130
Bromoform	10.00	ND	11.1	111	70 - 130
Bromomethane	10.00	ND	6.55	66 *	70 - 130
Carbon Disulfide	10.00	ND	12.0	120	70 - 130
Carbon Tetrachloride	10.00	ND	10.5	105	70 - 130
Chlorobenzene	10.00	ND	10.1	101	70 - 130
Chloroethane	10.00	ND	9.79	98	70 - 130
Chloroform	10.00	ND	10.0	100	70 - 130
Chloromethane	10.00	ND	7.93	79	70 - 130
cis-1,2-Dichloroethene	10.00	98.0	111	127	70 - 130
cis-1,3-Dichloropropene	10.00	ND	9.22	92	70 - 130
Dibromochloromethane	10.00	ND	10.6	106	70 - 130
Dibromomethane	10.00	ND	9.28	93	70 - 130
Dichlorodifluoromethane	10.00	ND	8.43	84	70 - 130
Diethyl Ether	10.00	ND	10.4	104	70 - 130
Di-isopropyl ether	10.00	ND	9.13	91	70 - 130
Ethyl tertiary-butyl ether	10.00	ND	8.40	84	70 - 130
Ethylbenzene	10.00	ND	9.51	95	70 - 130
Hexachlorobutadiene	10.00	ND	8.28	83	70 - 130
Hexachloroethane	10.00	ND	9.79	98	70 - 130
Isopropylbenzene	10.00	ND	7.99	80	70 - 130
Methyl tert-Butyl Ether	10.00	ND	8.36	84	70 - 130
Methylene Chloride	10.00	ND	10.2	102	70 - 130
Naphthalene	10.00	ND	7.87	79	70 - 130
n-Butylbenzene	10.00	ND	8.86	89	70 - 130
n-Propylbenzene	10.00	ND	8.89	89	70 - 130
sec-Butylbenzene	10.00	ND	9.18	92	70 - 130
Styrene	10.00	ND	8.91	89	70 - 130
tert-Butylbenzene	10.00	ND	9.06	91	70 - 130
Tertiary-amyl methyl ether	10.00	ND	7.80	78	70 - 130
Tetrachloroethene	10.00	9.47	19.5	100	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW236s

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-MS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

Source Sample Name: GWMW236s

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Tetrahydrofuran	10.00	ND	10.5	105	70 - 130
Toluene	10.00	ND	9.95	100	70 - 130
trans-1,2-Dichloroethene	10.00	0.600	9.88	93	70 - 130
trans-1,3-Dichloropropene	10.00	ND	8.58	86	70 - 130
Trichloroethene	10.00	793	769	-242 *	70 - 130
Trichlorofluoromethane	10.00	ND	7.08	71	70 - 130
Vinyl Acetate	10.00	ND	10.3	103	70 - 130
Vinyl Chloride	10.00	1.42	10.7	93	70 - 130
Xylene O	10.00	ND	9.60	96	70 - 130
Xylene P,M	20.00	ND	19.5	97	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	10.2	102	1	30	70 - 130
1,1,1-Trichloroethane	10.00	9.70	96	3	30	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.66	97	4	30	70 - 130
1,1,2-Trichloroethane	10.00	13.0	101	4	30	70 - 130
1,1-Dichloroethane	10.00	9.95	100	0.6	30	70 - 130
1,1-Dichloroethene	10.00	16.6	105	0.09	30	70 - 130
1,1-Dichloropropene	10.00	9.37	94	1	30	70 - 130
1,2,3-Trichlorobenzene	10.00	9.53	95	10	30	70 - 130
1,2,3-Trichloropropane	10.00	9.48	95	5	30	70 - 130
1,2,4-Trichlorobenzene	10.00	9.10	91	9	30	70 - 130
1,2,4-Trimethylbenzene	10.00	9.29	93	3	30	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.66	87	9	30	70 - 130
1,2-Dibromoethane	10.00	9.65	96	3	30	70 - 130
1,2-Dichlorobenzene	10.00	10.1	101	4	30	70 - 130
1,2-Dichloroethane	10.00	11.3	93	4	30	70 - 130
1,2-Dichloropropane	10.00	11.8	118	0.5	30	70 - 130
1,3,5-Trimethylbenzene	10.00	9.39	94	3	30	70 - 130
1,3-Dichlorobenzene	10.00	10.0	100	6	30	70 - 130
1,3-Dichloropropane	10.00	9.96	100	1	30	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW236s

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-MSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml
Source Sample Name: GWMW236s

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	10.00	10.4	104	6	30	70 - 130
1,4-Dioxane - Screen	200.0	183	91	90	200	0 - 332
1-Chlorohexane	10.00	8.78	88	0.8	30	70 - 130
2,2-Dichloropropane	10.00	8.64	86	0.2	30	70 - 130
2-Butanone	50.00	44.2	88	7	30	70 - 130
2-Chlorotoluene	10.00	10.0	100	5	30	70 - 130
2-Hexanone	50.00	45.8	92	2	30	70 - 130
4-Chlorotoluene	10.00	9.39	94	0	30	70 - 130
4-Isopropyltoluene	10.00	9.28	93	7	30	70 - 130
4-Methyl-2-Pentanone	50.00	44.5	89	9	30	70 - 130
Acetone	50.00	41.5	83	11	30	70 - 130
Benzene	10.00	10.4	98	1	30	70 - 130
Bromobenzene	10.00	10.1	101	1	30	70 - 130
Bromochloromethane	10.00	9.90	99	2	30	70 - 130
Bromodichloromethane	10.00	10.1	101	3	30	70 - 130
Bromoform	10.00	10.9	109	2	30	70 - 130
Bromomethane	10.00	7.06	71	7	30	70 - 130
Carbon Disulfide	10.00	12.2	122	2	30	70 - 130
Carbon Tetrachloride	10.00	10.4	104	1	30	70 - 130
Chlorobenzene	10.00	9.95	100	2	30	70 - 130
Chloroethane	10.00	10.3	103	5	30	70 - 130
Chloroform	10.00	9.82	98	2	30	70 - 130
Chloromethane	10.00	7.70	77	3	30	70 - 130
cis-1,2-Dichloroethene	10.00	112	136 *	7	30	70 - 130
cis-1,3-Dichloropropene	10.00	9.20	92	0.2	30	70 - 130
Dibromochloromethane	10.00	10.7	107	0.09	30	70 - 130
Dibromomethane	10.00	9.23	92	0.5	30	70 - 130
Dichlorodifluoromethane	10.00	8.65	86	3	30	70 - 130
Diethyl Ether	10.00	10.4	104	0.6	30	70 - 130
Di-isopropyl ether	10.00	9.17	92	0.4	30	70 - 130
Ethyl tertiary-butyl ether	10.00	8.20	82	2	30	70 - 130
Ethylbenzene	10.00	9.52	95	0.1	30	70 - 130
Hexachlorobutadiene	10.00	8.84	88	7	30	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW236s

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-MSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

Source Sample Name: GWMW236s

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Hexachloroethane	10.00	10.5	105	7	30	70 - 130
Isopropylbenzene	10.00	8.27	83	3	30	70 - 130
Methyl tert-Butyl Ether	10.00	8.28	83	1	30	70 - 130
Methylene Chloride	10.00	10.0	100	2	30	70 - 130
Naphthalene	10.00	8.16	82	4	30	70 - 130
n-Butylbenzene	10.00	9.58	96	8	30	70 - 130
n-Propylbenzene	10.00	9.16	92	3	30	70 - 130
sec-Butylbenzene	10.00	9.82	98	7	30	70 - 130
Styrene	10.00	8.85	88	0.7	30	70 - 130
tert-Butylbenzene	10.00	9.75	98	7	30	70 - 130
Tertiary-amyl methyl ether	10.00	7.71	77	1	30	70 - 130
Tetrachloroethene	10.00	20.2	107	6	30	70 - 130
Tetrahydrofuran	10.00	8.93	89	16	30	70 - 130
Toluene	10.00	9.93	99	0.2	30	70 - 130
trans-1,2-Dichloroethene	10.00	9.70	91	2	30	70 - 130
trans-1,3-Dichloropropene	10.00	8.39	84	2	30	70 - 130
Trichloroethene	10.00	742	-509 *	-71	30	70 - 130
Trichlorofluoromethane	10.00	8.54	85	19	30	70 - 130
Vinyl Acetate	10.00	9.52	95	8	30	70 - 130
Vinyl Chloride	10.00	10.8	94	1	30	70 - 130
Xylene O	10.00	9.53	95	0.7	30	70 - 130
Xylene P,M	20.00	20.0	100	3	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-BS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.92	99	70 - 130
1,1,1-Trichloroethane	10.00	9.27	93	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.67	97	70 - 130
1,1,2-Trichloroethane	10.00	9.48	95	70 - 130
1,1-Dichloroethane	10.00	9.52	95	70 - 130
1,1-Dichloroethene	10.00	10.3	103	70 - 130
1,1-Dichloropropene	10.00	9.34	93	70 - 130
1,2,3-Trichlorobenzene	10.00	12.0	120	70 - 130
1,2,3-Trichloropropane	10.00	9.50	95	70 - 130
1,2,4-Trichlorobenzene	10.00	11.3	113	70 - 130
1,2,4-Trimethylbenzene	10.00	10.3	103	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.91	99	70 - 130
1,2-Dibromoethane	10.00	9.78	98	70 - 130
1,2-Dichlorobenzene	10.00	10.4	104	70 - 130
1,2-Dichloroethane	10.00	9.05	90	70 - 130
1,2-Dichloropropane	10.00	9.59	96	70 - 130
1,3,5-Trimethylbenzene	10.00	10.3	103	70 - 130
1,3-Dichlorobenzene	10.00	10.1	101	70 - 130
1,3-Dichloropropane	10.00	10.3	103	70 - 130
1,4-Dichlorobenzene	10.00	9.94	99	70 - 130
1,4-Dioxane - Screen	200.0	322	161	0 - 332
1-Chlorohexane	10.00	9.74	97	70 - 130
2,2-Dichloropropane	10.00	9.32	93	70 - 130
2-Butanone	50.00	52.8	106	70 - 130
2-Chlorotoluene	10.00	10.1	101	70 - 130
2-Hexanone	50.00	52.5	105	70 - 130
4-Chlorotoluene	10.00	9.43	94	70 - 130
4-Isopropyltoluene	10.00	10.8	108	70 - 130
4-Methyl-2-Pentanone	50.00	46.8	94	70 - 130
Acetone	50.00	59.6	119	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-BS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.61	96	70 - 130
Bromobenzene	10.00	9.93	99	70 - 130
Bromochloromethane	10.00	9.33	93	70 - 130
Bromodichloromethane	10.00	9.56	96	70 - 130
Bromoform	10.00	11.6	116	70 - 130
Bromomethane	10.00	8.40	84	70 - 130
Carbon Disulfide	10.00	11.5	115	70 - 130
Carbon Tetrachloride	10.00	9.95	100	70 - 130
Chlorobenzene	10.00	9.88	99	70 - 130
Chloroethane	10.00	9.52	95	70 - 130
Chloroform	10.00	9.35	94	70 - 130
Chloromethane	10.00	7.82	78	70 - 130
cis-1,2-Dichloroethene	10.00	9.83	98	70 - 130
cis-1,3-Dichloropropene	10.00	9.32	93	70 - 130
Dibromochloromethane	10.00	10.8	108	70 - 130
Dibromomethane	10.00	9.29	93	70 - 130
Dichlorodifluoromethane	10.00	8.24	82	70 - 130
Diethyl Ether	10.00	10.5	105	70 - 130
Di-isopropyl ether	10.00	9.49	95	70 - 130
Ethyl tertiary-butyl ether	10.00	8.73	87	70 - 130
Ethylbenzene	10.00	9.75	98	70 - 130
Hexachlorobutadiene	10.00	10.2	102	70 - 130
Hexachloroethane	10.00	12.1	121	70 - 130
Isopropylbenzene	10.00	8.69	87	70 - 130
Methyl tert-Butyl Ether	10.00	8.71	87	70 - 130
Methylene Chloride	10.00	10.2	102	70 - 130
Naphthalene	10.00	11.0	110	70 - 130
n-Butylbenzene	10.00	11.3	113	70 - 130
n-Propylbenzene	10.00	9.82	98	70 - 130
sec-Butylbenzene	10.00	11.2	112	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01208	Laboratory ID:	CH01208-BS1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.54	95	70 - 130
tert-Butylbenzene	10.00	10.8	108	70 - 130
Tertiary-amyl methyl ether	10.00	8.51	85	70 - 130
Tetrachloroethene	10.00	10.2	102	70 - 130
Tetrahydrofuran	10.00	9.29	93	70 - 130
Toluene	10.00	9.70	97	70 - 130
trans-1,2-Dichloroethene	10.00	9.23	92	70 - 130
trans-1,3-Dichloropropene	10.00	8.64	86	70 - 130
Trichloroethene	10.00	9.45	94	70 - 130
Trichlorofluoromethane	10.00	7.98	80	70 - 130
Vinyl Acetate	10.00	11.2	112	70 - 130
Vinyl Chloride	10.00	9.06	91	70 - 130
Xylene O	10.00	9.91	99	70 - 130
Xylene P,M	20.00	20.0	100	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	10.1	101	2	25	70 - 130
1,1,1-Trichloroethane	10.00	9.28	93	0.1	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.59	96	0.8	25	70 - 130
1,1,2-Trichloroethane	10.00	9.56	96	0.8	25	70 - 130
1,1-Dichloroethane	10.00	9.70	97	2	25	70 - 130
1,1-Dichloroethene	10.00	10.2	102	1	25	70 - 130
1,1-Dichloropropene	10.00	9.21	92	1	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.9	109	9	25	70 - 130
1,2,3-Trichloropropane	10.00	9.64	96	1	25	70 - 130
1,2,4-Trichlorobenzene	10.00	10.2	102	10	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.28	93	10	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.66	97	3	25	70 - 130
1,2-Dibromoethane	10.00	9.83	98	0.5	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-BSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.96	100	4	25	70 - 130
1,2-Dichloroethane	10.00	9.36	94	3	25	70 - 130
1,2-Dichloropropane	10.00	9.62	96	0.3	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.56	96	8	25	70 - 130
1,3-Dichlorobenzene	10.00	9.54	95	5	25	70 - 130
1,3-Dichloropropane	10.00	10.2	102	0.6	25	70 - 130
1,4-Dichlorobenzene	10.00	9.88	99	0.6	25	70 - 130
1,4-Dioxane - Screen	200.0	232	116	32	200	0 - 332
1-Chlorohexane	10.00	9.53	95	2	25	70 - 130
2,2-Dichloropropane	10.00	9.39	94	0.7	25	70 - 130
2-Butanone	50.00	48.3	97	9	25	70 - 130
2-Chlorotoluene	10.00	9.64	96	4	25	70 - 130
2-Hexanone	50.00	49.4	99	6	25	70 - 130
4-Chlorotoluene	10.00	9.43	94	0	25	70 - 130
4-Isopropyltoluene	10.00	9.76	98	10	25	70 - 130
4-Methyl-2-Pentanone	50.00	47.6	95	2	25	70 - 130
Acetone	50.00	49.7	99	18	25	70 - 130
Benzene	10.00	9.64	96	0.3	25	70 - 130
Bromobenzene	10.00	9.71	97	2	25	70 - 130
Bromochloromethane	10.00	9.77	98	5	25	70 - 130
Bromodichloromethane	10.00	9.70	97	1	25	70 - 130
Bromoform	10.00	11.5	115	0.8	25	70 - 130
Bromomethane	10.00	8.53	85	2	25	70 - 130
Carbon Disulfide	10.00	11.6	116	1	25	70 - 130
Carbon Tetrachloride	10.00	10.0	100	0.5	25	70 - 130
Chlorobenzene	10.00	9.97	100	0.9	25	70 - 130
Chloroethane	10.00	9.51	95	0.1	25	70 - 130
Chloroform	10.00	9.59	96	3	25	70 - 130
Chloromethane	10.00	7.56	76	3	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.83	98	0	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01208
Laboratory ID: CH01208-BSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.25	92	0.8	25	70 - 130
Dibromochloromethane	10.00	10.7	107	0.7	25	70 - 130
Dibromomethane	10.00	9.09	91	2	25	70 - 130
Dichlorodifluoromethane	10.00	7.92	79	4	25	70 - 130
Diethyl Ether	10.00	10.6	106	0.9	25	70 - 130
Di-isopropyl ether	10.00	9.67	97	2	25	70 - 130
Ethyl tertiary-butyl ether	10.00	8.68	87	0.6	25	70 - 130
Ethylbenzene	10.00	9.54	95	2	25	70 - 130
Hexachlorobutadiene	10.00	9.85	98	3	25	70 - 130
Hexachloroethane	10.00	10.8	108	11	25	70 - 130
Isopropylbenzene	10.00	8.16	82	6	25	70 - 130
Methyl tert-Butyl Ether	10.00	8.92	89	2	25	70 - 130
Methylene Chloride	10.00	10.3	103	0.3	25	70 - 130
Naphthalene	10.00	9.44	94	16	25	70 - 130
n-Butylbenzene	10.00	10.5	105	7	25	70 - 130
n-Propylbenzene	10.00	9.25	92	6	25	70 - 130
sec-Butylbenzene	10.00	10.1	101	10	25	70 - 130
Styrene	10.00	9.31	93	2	25	70 - 130
tert-Butylbenzene	10.00	9.74	97	10	25	70 - 130
Tertiary-amyl methyl ether	10.00	8.40	84	1	25	70 - 130
Tetrachloroethene	10.00	9.90	99	3	25	70 - 130
Tetrahydrofuran	10.00	9.83	98	6	25	70 - 130
Toluene	10.00	9.52	95	2	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.05	90	2	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.66	87	0.2	25	70 - 130
Trichloroethene	10.00	9.46	95	0.1	25	70 - 130
Trichlorofluoromethane	10.00	8.11	81	2	25	70 - 130
Vinyl Acetate	10.00	11.5	115	3	25	70 - 130
Vinyl Chloride	10.00	9.12	91	0.7	25	70 - 130
Xylene O	10.00	9.89	99	0.2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01208	Laboratory ID:	CH01208-BSD1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	20.1	100	0.2	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01314
Laboratory ID: CH01314-BS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	10.9	109	70 - 130
1,1,1-Trichloroethane	10.00	10.2	102	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.95	100	70 - 130
1,1,2-Trichloroethane	10.00	10.0	100	70 - 130
1,1-Dichloroethane	10.00	10.1	101	70 - 130
1,1-Dichloroethene	10.00	10.8	108	70 - 130
1,1-Dichloropropene	10.00	10.2	102	70 - 130
1,2,3-Trichlorobenzene	10.00	11.5	115	70 - 130
1,2,3-Trichloropropane	10.00	10.2	102	70 - 130
1,2,4-Trichlorobenzene	10.00	11.1	111	70 - 130
1,2,4-Trimethylbenzene	10.00	10.4	104	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.42	94	70 - 130
1,2-Dibromoethane	10.00	10.4	104	70 - 130
1,2-Dichlorobenzene	10.00	10.7	107	70 - 130
1,2-Dichloroethane	10.00	9.79	98	70 - 130
1,2-Dichloropropane	10.00	10.3	103	70 - 130
1,3,5-Trimethylbenzene	10.00	10.5	105	70 - 130
1,3-Dichlorobenzene	10.00	10.4	104	70 - 130
1,3-Dichloropropane	10.00	10.5	105	70 - 130
1,4-Dichlorobenzene	10.00	10.7	107	70 - 130
1,4-Dioxane - Screen	200.0	314	157	0 - 332
1-Chlorohexane	10.00	9.84	98	70 - 130
2,2-Dichloropropane	10.00	9.64	96	70 - 130
2-Butanone	50.00	68.7	137 *	70 - 130
2-Chlorotoluene	10.00	10.4	104	70 - 130
2-Hexanone	50.00	80.8	162 *	70 - 130
4-Chlorotoluene	10.00	9.99	100	70 - 130
4-Isopropyltoluene	10.00	10.9	109	70 - 130
4-Methyl-2-Pentanone	50.00	48.8	98	70 - 130
Acetone	50.00	103	207 *	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01314	Laboratory ID:	CH01314-BS1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	10.0	100	70 - 130
Bromobenzene	10.00	10.5	105	70 - 130
Bromochloromethane	10.00	10.4	104	70 - 130
Bromodichloromethane	10.00	10.3	103	70 - 130
Bromoform	10.00	11.7	117	70 - 130
Bromomethane	10.00	9.01	90	70 - 130
Carbon Disulfide	10.00	12.5	125	70 - 130
Carbon Tetrachloride	10.00	10.8	108	70 - 130
Chlorobenzene	10.00	10.5	105	70 - 130
Chloroethane	10.00	10.1	101	70 - 130
Chloroform	10.00	10.3	103	70 - 130
Chloromethane	10.00	8.10	81	70 - 130
cis-1,2-Dichloroethene	10.00	10.4	104	70 - 130
cis-1,3-Dichloropropene	10.00	9.81	98	70 - 130
Dibromochloromethane	10.00	11.3	113	70 - 130
Dibromomethane	10.00	9.68	97	70 - 130
Dichlorodifluoromethane	10.00	9.00	90	70 - 130
Diethyl Ether	10.00	10.5	105	70 - 130
Di-isopropyl ether	10.00	9.86	99	70 - 130
Ethyl tertiary-butyl ether	10.00	8.71	87	70 - 130
Ethylbenzene	10.00	10.1	101	70 - 130
Hexachlorobutadiene	10.00	11.0	110	70 - 130
Hexachloroethane	10.00	12.8	128	70 - 130
Isopropylbenzene	10.00	8.85	88	70 - 130
Methyl tert-Butyl Ether	10.00	8.85	88	70 - 130
Methylene Chloride	10.00	10.4	104	70 - 130
Naphthalene	10.00	9.76	98	70 - 130
n-Butylbenzene	10.00	11.4	114	70 - 130
n-Propylbenzene	10.00	10.1	101	70 - 130
sec-Butylbenzene	10.00	11.6	116	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01314
Laboratory ID: CH01314-BS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.68	97	70 - 130
tert-Butylbenzene	10.00	11.0	110	70 - 130
Tertiary-amyl methyl ether	10.00	8.27	83	70 - 130
Tetrachloroethene	10.00	12.0	120	70 - 130
Tetrahydrofuran	10.00	9.75	98	70 - 130
Toluene	10.00	10.2	102	70 - 130
trans-1,2-Dichloroethene	10.00	9.48	95	70 - 130
trans-1,3-Dichloropropene	10.00	8.90	89	70 - 130
Trichloroethene	10.00	9.96	100	70 - 130
Trichlorofluoromethane	10.00	9.03	90	70 - 130
Vinyl Acetate	10.00	11.0	110	70 - 130
Vinyl Chloride	10.00	9.75	98	70 - 130
Xylene O	10.00	10.4	104	70 - 130
Xylene P,M	20.00	21.2	106	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	10.6	106	3	25	70 - 130
1,1,1-Trichloroethane	10.00	10.3	103	2	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	10.2	102	2	25	70 - 130
1,1,2-Trichloroethane	10.00	10.2	102	1	25	70 - 130
1,1-Dichloroethane	10.00	10.3	103	2	25	70 - 130
1,1-Dichloroethene	10.00	10.7	107	1	25	70 - 130
1,1-Dichloropropene	10.00	10.3	103	0.4	25	70 - 130
1,2,3-Trichlorobenzene	10.00	11.0	110	4	25	70 - 130
1,2,3-Trichloropropane	10.00	10.2	102	0.1	25	70 - 130
1,2,4-Trichlorobenzene	10.00	10.4	104	6	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.92	99	5	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.81	88	7	25	70 - 130
1,2-Dibromoethane	10.00	10.3	103	0.7	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01314
Laboratory ID: CH01314-BSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	10.6	106		1	25	70 - 130
1,2-Dichloroethane	10.00	9.94	99		2	25	70 - 130
1,2-Dichloropropane	10.00	10.4	104		1	25	70 - 130
1,3,5-Trimethylbenzene	10.00	10.2	102		2	25	70 - 130
1,3-Dichlorobenzene	10.00	10.5	105		0.6	25	70 - 130
1,3-Dichloropropane	10.00	10.7	107		2	25	70 - 130
1,4-Dichlorobenzene	10.00	10.5	105		2	25	70 - 130
1,4-Dioxane - Screen	200.0	246	123		24	200	0 - 332
1-Chlorohexane	10.00	9.50	95		4	25	70 - 130
2,2-Dichloropropane	10.00	9.51	95		1	25	70 - 130
2-Butanone	50.00	66.5	133	*	3	25	70 - 130
2-Chlorotoluene	10.00	10.5	105		0.8	25	70 - 130
2-Hexanone	50.00	72.1	144	*	11	25	70 - 130
4-Chlorotoluene	10.00	9.80	98		2	25	70 - 130
4-Isopropyltoluene	10.00	10.2	102		7	25	70 - 130
4-Methyl-2-Pentanone	50.00	48.3	97		1	25	70 - 130
Acetone	50.00	95.4	191	*	8	25	70 - 130
Benzene	10.00	10.2	102		2	25	70 - 130
Bromobenzene	10.00	10.6	106		0.4	25	70 - 130
Bromochloromethane	10.00	10.5	105		2	25	70 - 130
Bromodichloromethane	10.00	10.2	102		0.6	25	70 - 130
Bromoform	10.00	11.6	116		1	25	70 - 130
Bromomethane	10.00	8.99	90		0.2	25	70 - 130
Carbon Disulfide	10.00	12.6	126		0.3	25	70 - 130
Carbon Tetrachloride	10.00	10.9	109		0.9	25	70 - 130
Chlorobenzene	10.00	10.5	105		0.5	25	70 - 130
Chloroethane	10.00	9.81	98		3	25	70 - 130
Chloroform	10.00	10.2	102		1	25	70 - 130
Chloromethane	10.00	8.16	82		0.7	25	70 - 130
cis-1,2-Dichloroethene	10.00	10.6	106		2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01314
Laboratory ID: CH01314-BSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.72	97	0.9	25	70 - 130
Dibromochloromethane	10.00	11.0	110	2	25	70 - 130
Dibromomethane	10.00	9.79	98	1	25	70 - 130
Dichlorodifluoromethane	10.00	8.96	90	0.4	25	70 - 130
Diethyl Ether	10.00	11.3	113	7	25	70 - 130
Di-isopropyl ether	10.00	9.91	99	0.5	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.00	90	3	25	70 - 130
Ethylbenzene	10.00	9.92	99	2	25	70 - 130
Hexachlorobutadiene	10.00	10.8	108	2	25	70 - 130
Hexachloroethane	10.00	11.7	117	9	25	70 - 130
Isopropylbenzene	10.00	8.60	86	3	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.06	91	2	25	70 - 130
Methylene Chloride	10.00	10.7	107	3	25	70 - 130
Naphthalene	10.00	8.82	88	10	25	70 - 130
n-Butylbenzene	10.00	10.9	109	5	25	70 - 130
n-Propylbenzene	10.00	9.71	97	4	25	70 - 130
sec-Butylbenzene	10.00	11.1	111	4	25	70 - 130
Styrene	10.00	9.50	95	2	25	70 - 130
tert-Butylbenzene	10.00	10.3	103	7	25	70 - 130
Tertiary-amyl methyl ether	10.00	8.43	84	2	25	70 - 130
Tetrachloroethene	10.00	11.4	114	5	25	70 - 130
Tetrahydrofuran	10.00	10.5	105	7	25	70 - 130
Toluene	10.00	10.4	104	2	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.66	97	2	25	70 - 130
trans-1,3-Dichloropropene	10.00	9.29	93	4	25	70 - 130
Trichloroethene	10.00	10.1	101	1	25	70 - 130
Trichlorofluoromethane	10.00	8.94	89	1	25	70 - 130
Vinyl Acetate	10.00	11.6	116	5	25	70 - 130
Vinyl Chloride	10.00	9.78	98	0.3	25	70 - 130
Xylene O	10.00	10.1	101	3	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01314	Laboratory ID:	CH01314-BSD1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	20.6	103	3	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01616
Laboratory ID: CH01616-BS1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.77	98	70 - 130
1,1,1-Trichloroethane	10.00	9.44	94	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.63	96	70 - 130
1,1,2-Trichloroethane	10.00	9.54	95	70 - 130
1,1-Dichloroethane	10.00	9.48	95	70 - 130
1,1-Dichloroethene	10.00	9.91	99	70 - 130
1,1-Dichloropropene	10.00	9.20	92	70 - 130
1,2,3-Trichlorobenzene	10.00	11.9	119	70 - 130
1,2,3-Trichloropropane	10.00	9.62	96	70 - 130
1,2,4-Trichlorobenzene	10.00	11.0	110	70 - 130
1,2,4-Trimethylbenzene	10.00	9.89	99	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	10.1	101	70 - 130
1,2-Dibromoethane	10.00	9.88	99	70 - 130
1,2-Dichlorobenzene	10.00	10.4	104	70 - 130
1,2-Dichloroethane	10.00	9.19	92	70 - 130
1,2-Dichloropropane	10.00	9.82	98	70 - 130
1,3,5-Trimethylbenzene	10.00	10.1	101	70 - 130
1,3-Dichlorobenzene	10.00	10.0	100	70 - 130
1,3-Dichloropropane	10.00	10.0	100	70 - 130
1,4-Dichlorobenzene	10.00	10.2	102	70 - 130
1,4-Dioxane - Screen	200.0	353	176	0 - 332
1-Chlorohexane	10.00	9.81	98	70 - 130
2,2-Dichloropropane	10.00	9.64	96	70 - 130
2-Butanone	50.00	56.0	112	70 - 130
2-Chlorotoluene	10.00	9.97	100	70 - 130
2-Hexanone	50.00	58.8	118	70 - 130
4-Chlorotoluene	10.00	9.63	96	70 - 130
4-Isopropyltoluene	10.00	10.4	104	70 - 130
4-Methyl-2-Pentanone	50.00	47.0	94	70 - 130
Acetone	50.00	72.3	145 *	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01616	Laboratory ID:	CH01616-BS1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.68	97	70 - 130
Bromobenzene	10.00	9.82	98	70 - 130
Bromochloromethane	10.00	9.51	95	70 - 130
Bromodichloromethane	10.00	9.74	97	70 - 130
Bromoform	10.00	11.3	113	70 - 130
Bromomethane	10.00	8.81	88	70 - 130
Carbon Disulfide	10.00	11.7	117	70 - 130
Carbon Tetrachloride	10.00	9.99	100	70 - 130
Chlorobenzene	10.00	9.81	98	70 - 130
Chloroethane	10.00	9.43	94	70 - 130
Chloroform	10.00	9.37	94	70 - 130
Chloromethane	10.00	7.86	79	70 - 130
cis-1,2-Dichloroethene	10.00	9.95	100	70 - 130
cis-1,3-Dichloropropene	10.00	9.61	96	70 - 130
Dibromochloromethane	10.00	10.7	107	70 - 130
Dibromomethane	10.00	9.29	93	70 - 130
Dichlorodifluoromethane	10.00	7.99	80	70 - 130
Diethyl Ether	10.00	10.6	106	70 - 130
Di-isopropyl ether	10.00	9.56	96	70 - 130
Ethyl tertiary-butyl ether	10.00	8.86	89	70 - 130
Ethylbenzene	10.00	9.54	95	70 - 130
Hexachlorobutadiene	10.00	10.5	105	70 - 130
Hexachloroethane	10.00	12.0	120	70 - 130
Isopropylbenzene	10.00	8.48	85	70 - 130
Methyl tert-Butyl Ether	10.00	8.75	88	70 - 130
Methylene Chloride	10.00	9.82	98	70 - 130
Naphthalene	10.00	10.6	106	70 - 130
n-Butylbenzene	10.00	11.2	112	70 - 130
n-Propylbenzene	10.00	9.85	98	70 - 130
sec-Butylbenzene	10.00	11.0	110	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01616	Laboratory ID:	CH01616-BS1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.18	92	70 - 130
tert-Butylbenzene	10.00	10.7	107	70 - 130
Tertiary-amyl methyl ether	10.00	8.60	86	70 - 130
Tetrachloroethene	10.00	9.66	97	70 - 130
Tetrahydrofuran	10.00	11.2	112	70 - 130
Toluene	10.00	9.83	98	70 - 130
trans-1,2-Dichloroethene	10.00	8.82	88	70 - 130
trans-1,3-Dichloropropene	10.00	8.83	88	70 - 130
Trichloroethene	10.00	9.44	94	70 - 130
Trichlorofluoromethane	10.00	8.17	82	70 - 130
Vinyl Acetate	10.00	11.2	112	70 - 130
Vinyl Chloride	10.00	8.96	90	70 - 130
Xylene O	10.00	9.54	95	70 - 130
Xylene P,M	20.00	19.8	99	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.77	98	0	25	70 - 130
1,1,1-Trichloroethane	10.00	9.28	93	2	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	8.99	90	7	25	70 - 130
1,1,2-Trichloroethane	10.00	9.43	94	1	25	70 - 130
1,1-Dichloroethane	10.00	9.57	96	0.9	25	70 - 130
1,1-Dichloroethene	10.00	10.0	100	1	25	70 - 130
1,1-Dichloropropene	10.00	9.05	90	2	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.2	102	15	25	70 - 130
1,2,3-Trichloropropane	10.00	9.28	93	4	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.72	97	13	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.15	92	8	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.13	91	10	25	70 - 130
1,2-Dibromoethane	10.00	9.44	94	5	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01616
Laboratory ID: CH01616-BSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.42	94	10	25	70 - 130
1,2-Dichloroethane	10.00	8.85	88	4	25	70 - 130
1,2-Dichloropropane	10.00	9.39	94	4	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.43	94	7	25	70 - 130
1,3-Dichlorobenzene	10.00	9.29	93	7	25	70 - 130
1,3-Dichloropropane	10.00	9.41	94	6	25	70 - 130
1,4-Dichlorobenzene	10.00	9.38	94	8	25	70 - 130
1,4-Dioxane - Screen	200.0	211	106	50	200	0 - 332
1-Chlorohexane	10.00	9.28	93	6	25	70 - 130
2,2-Dichloropropane	10.00	9.53	95	1	25	70 - 130
2-Butanone	50.00	48.0	96	15	25	70 - 130
2-Chlorotoluene	10.00	9.22	92	8	25	70 - 130
2-Hexanone	50.00	47.5	95	21	25	70 - 130
4-Chlorotoluene	10.00	9.08	91	6	25	70 - 130
4-Isopropyltoluene	10.00	9.37	94	10	25	70 - 130
4-Methyl-2-Pentanone	50.00	44.4	89	6	25	70 - 130
Acetone	50.00	50.4	101	36 *	25	70 - 130
Benzene	10.00	9.46	95	2	25	70 - 130
Bromobenzene	10.00	9.29	93	6	25	70 - 130
Bromochloromethane	10.00	9.54	95	0.3	25	70 - 130
Bromodichloromethane	10.00	9.58	96	2	25	70 - 130
Bromoform	10.00	11.0	110	3	25	70 - 130
Bromomethane	10.00	8.19	82	7	25	70 - 130
Carbon Disulfide	10.00	11.5	115	2	25	70 - 130
Carbon Tetrachloride	10.00	9.70	97	3	25	70 - 130
Chlorobenzene	10.00	9.68	97	1	25	70 - 130
Chloroethane	10.00	9.51	95	0.8	25	70 - 130
Chloroform	10.00	9.32	93	0.5	25	70 - 130
Chloromethane	10.00	7.44	74	5	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.53	95	4	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CH01616
Laboratory ID: CH01616-BSD1
Preparation: 5030B
Initial/Final: 5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.26	93	4	25	70 - 130
Dibromochloromethane	10.00	10.2	102	5	25	70 - 130
Dibromomethane	10.00	9.11	91	2	25	70 - 130
Dichlorodifluoromethane	10.00	7.77	78	3	25	70 - 130
Diethyl Ether	10.00	10.3	103	3	25	70 - 130
Di-isopropyl ether	10.00	9.17	92	4	25	70 - 130
Ethyl tertiary-butyl ether	10.00	8.67	87	2	25	70 - 130
Ethylbenzene	10.00	9.30	93	3	25	70 - 130
Hexachlorobutadiene	10.00	9.73	97	8	25	70 - 130
Hexachloroethane	10.00	10.6	106	12	25	70 - 130
Isopropylbenzene	10.00	7.84	78	8	25	70 - 130
Methyl tert-Butyl Ether	10.00	8.75	88	0	25	70 - 130
Methylene Chloride	10.00	9.58	96	2	25	70 - 130
Naphthalene	10.00	8.92	89	17	25	70 - 130
n-Butylbenzene	10.00	10.2	102	10	25	70 - 130
n-Propylbenzene	10.00	8.93	89	10	25	70 - 130
sec-Butylbenzene	10.00	9.93	99	11	25	70 - 130
Styrene	10.00	8.81	88	4	25	70 - 130
tert-Butylbenzene	10.00	9.42	94	12	25	70 - 130
Tertiary-amyl methyl ether	10.00	8.24	82	4	25	70 - 130
Tetrachloroethene	10.00	9.95	100	3	25	70 - 130
Tetrahydrofuran	10.00	10.3	103	8	25	70 - 130
Toluene	10.00	9.40	94	4	25	70 - 130
trans-1,2-Dichloroethene	10.00	8.75	88	0.8	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.58	86	3	25	70 - 130
Trichloroethene	10.00	9.24	92	2	25	70 - 130
Trichlorofluoromethane	10.00	8.15	82	0.2	25	70 - 130
Vinyl Acetate	10.00	11.2	112	0.09	25	70 - 130
Vinyl Chloride	10.00	8.99	90	0.3	25	70 - 130
Xylene O	10.00	9.32	93	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CH01616	Laboratory ID:	CH01616-BSD1
Preparation:	5030B	Initial/Final:	5 ml / 5 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	19.2	96	3	25	70 - 130

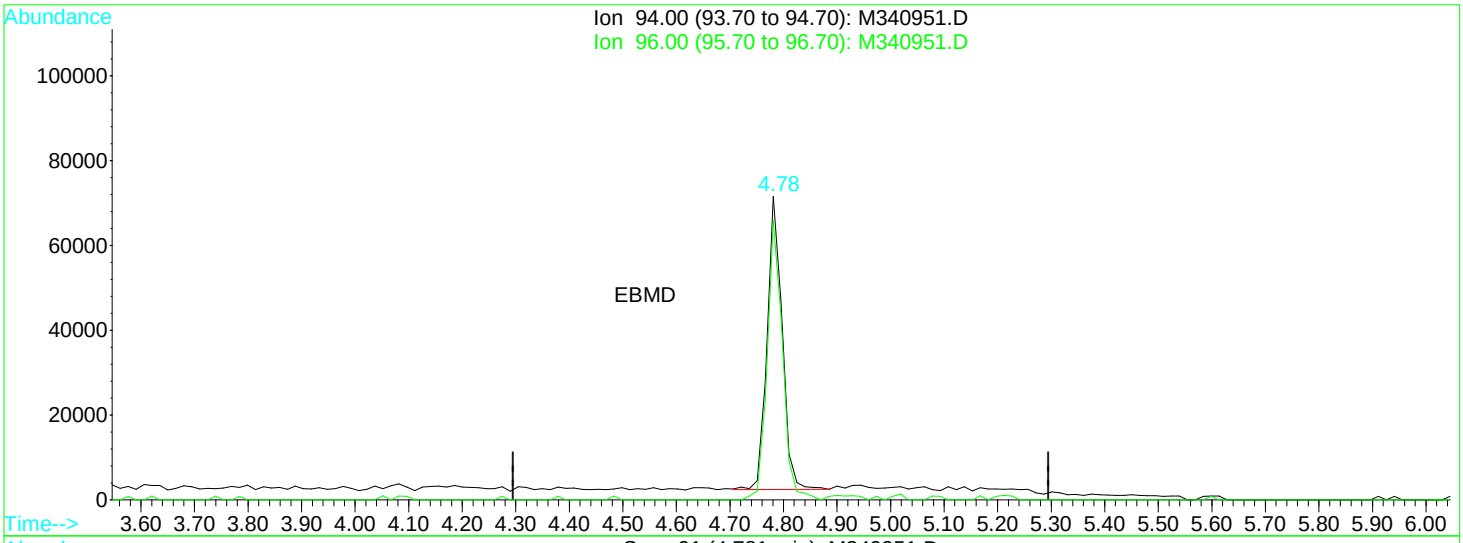
Column to be used to flag recovery and RPD values with an asterisk

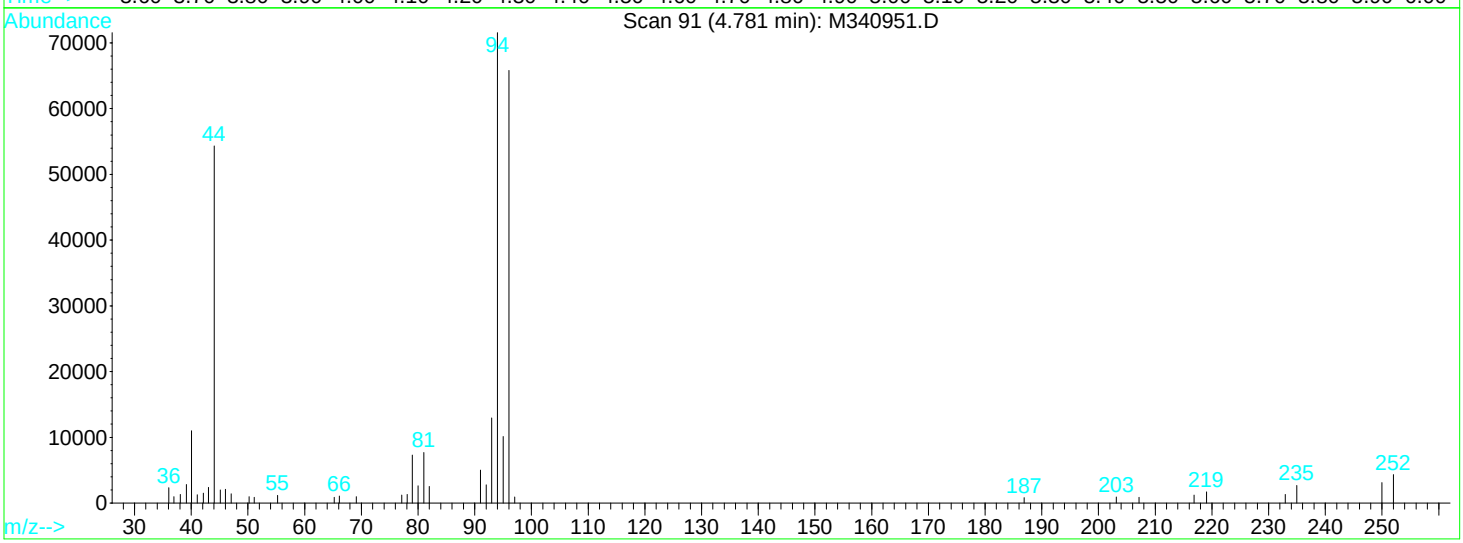
* Values outside of QC limits

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340951.D Vial: 3
Acq On : 13 Aug 2010 12:04 pm Operator: MD
Sample : CTH0092-BS1 CH01314-BS Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:49 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340951.D

(5) Bromomethane

4.78min 7.78ug/l

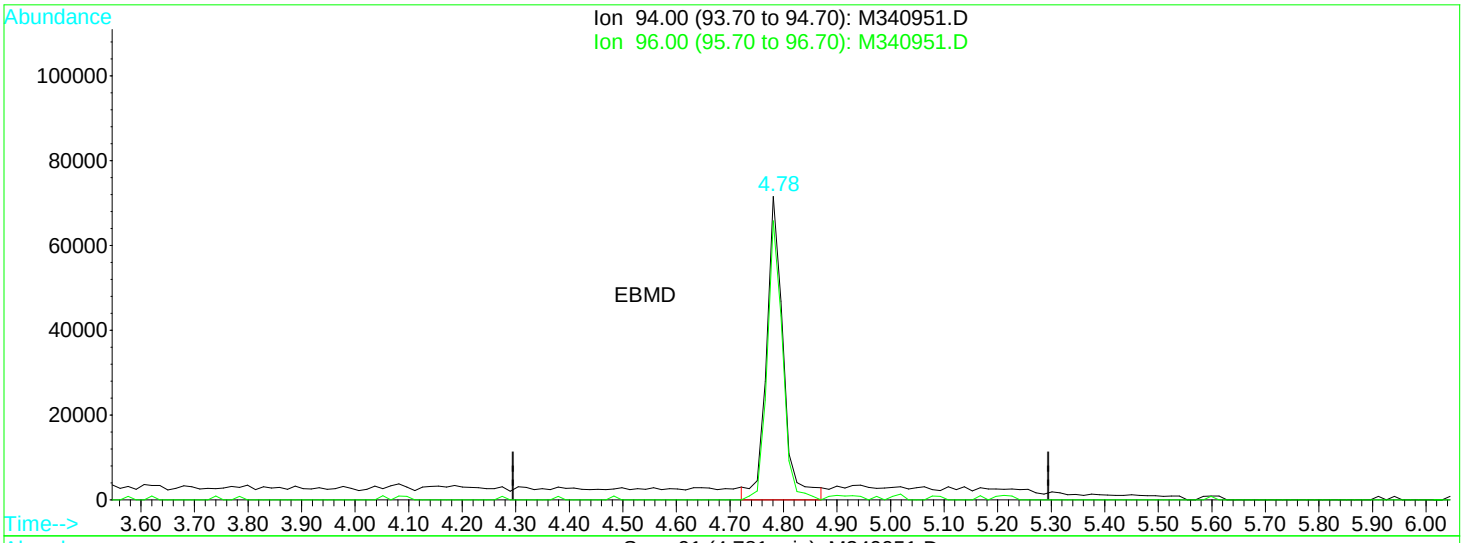
response 136668

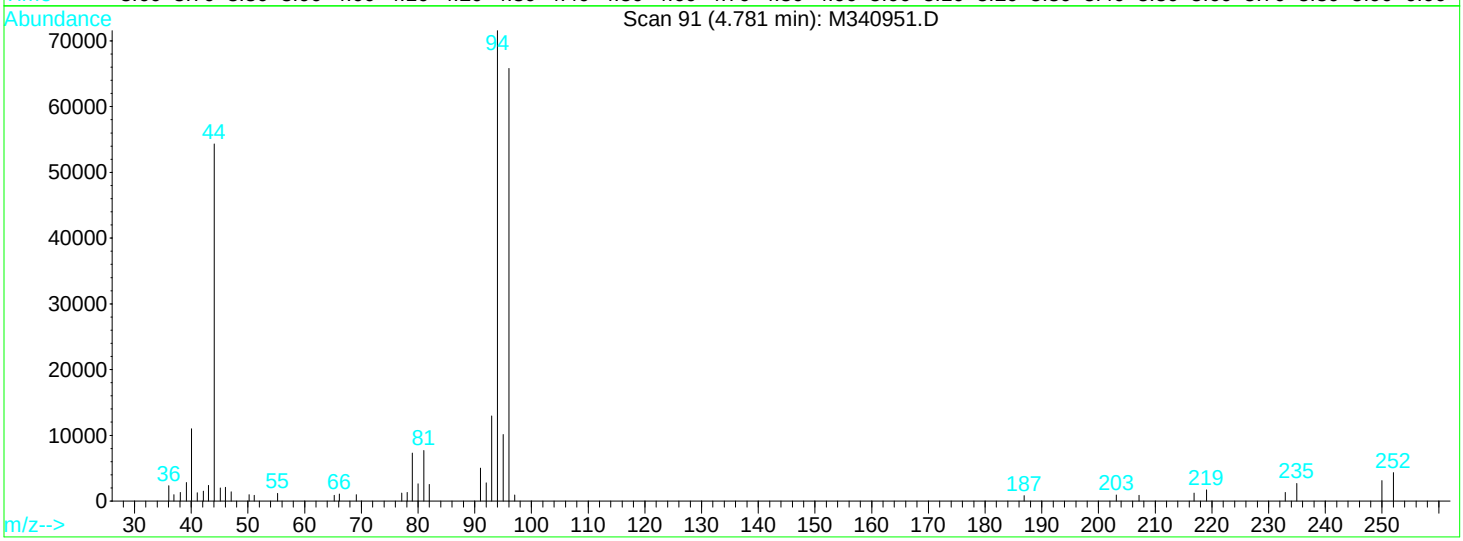
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	91.96
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340951.D Vial: 3
Acq On : 13 Aug 2010 12:04 pm Operator: MD
Sample : CTH0092-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:44 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340951.D

(5) Bromomethane

4.78min 9.01ug/l m

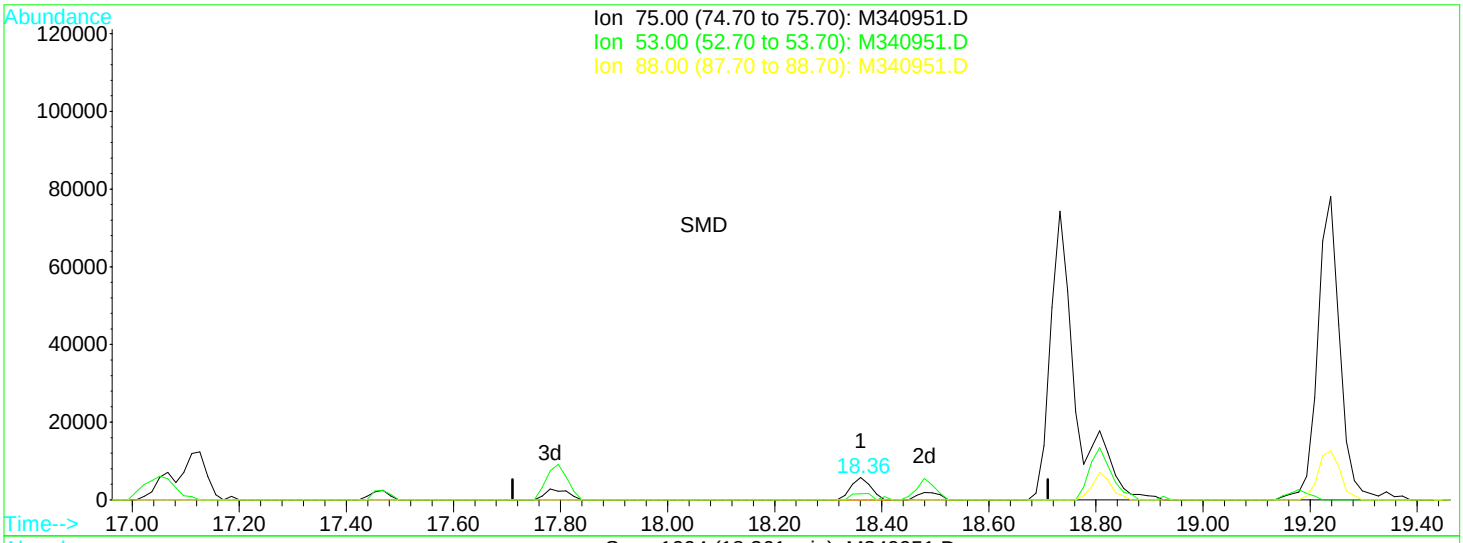
response 158182

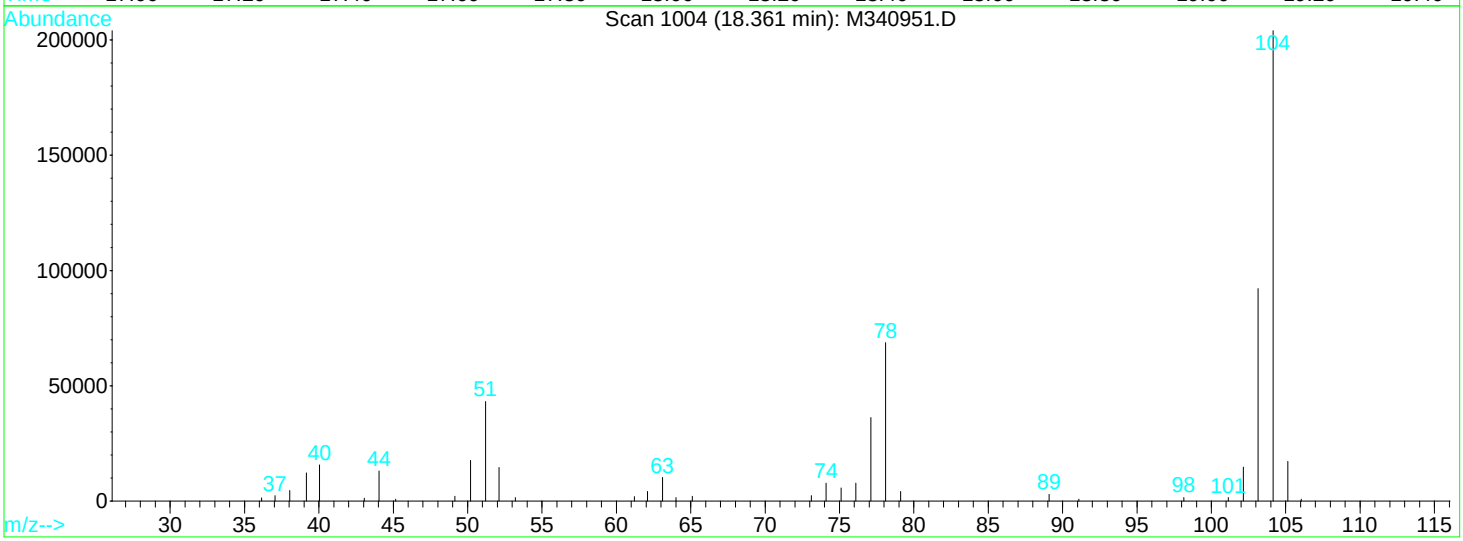
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	91.96
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340951.D Vial: 3
Acq On : 13 Aug 2010 12:04 pm Operator: MD
Sample : CTH0092-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:44 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340951.D

(74) cis-1,4-Dichloro-2-butene

18.36min 4.16ug/l

response 14672

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	27.49#
88.00	80.40	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340951.D Vial: 3
Acq On : 13 Aug 2010 12:04 pm Operator: MD
Sample : CTH0092-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:44 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1107240	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1540100	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.45	152	602854	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	823622	26.47	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.88%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	555814	25.01	ug/l	-0.01
Spiked Amount 25.000			Recovery = 100.04%			
59) Toluene-d8 (SURR)	14.70	98	1967735	27.09	ug/l	-0.01
Spiked Amount 25.000			Recovery = 108.36%			
75) Bromofluorobenzene (SURR)	19.24	95	637226	25.92	ug/l	-0.01
Spiked Amount 25.000			Recovery = 103.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	189725	9.00	ug/l	99
3) Chloromethane	3.86	50	240913	8.10	ug/l	96
4) Vinyl Chloride	4.16	62	227048	9.75	ug/l	98
5) Bromomethane	4.78	94	158182m	9.01	ug/l	
6) Chloroethane	5.02	64	138293	10.10	ug/l	96
7) Trichlorofluoromethane	5.91	101	335544	9.03	ug/l	95
8) Diethyl ether	6.34	59	182185	10.54	ug/l	97
9) Acrolein	5.94	56	35476	10.94	ug/l	91
10) Acetone	6.15	43	691530	103.35	ug/l	98
11) Iodomethane	6.80	142	189408	6.67	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	215165	10.66	ug/l	84
13) Methyl Acetate	7.15	43	197030	8.05	ug/l	97
14) Allyl Chloride	7.15	41	375559	9.85	ug/l	97
15) Carbon Disulfide	7.31	76	863109	12.53	ug/l	99
16) 1,1-Dichloroethene	6.76	96	250987	10.83	ug/l	99
17) Methylene Chloride	7.00	84	316003	10.40	ug/l	95
18) Methyl tert-Butyl Ether	8.25	73	478674	8.85	ug/l	91
19) Acrylonitrile	6.91	53	87674	10.02	ug/l	97
20) trans-1,2-Dichloroethene	8.05	96	262519	9.48	ug/l	93
21) 1,1-Dichloroethane	8.44	63	414907	10.13	ug/l	100
22) Vinyl Acetate	8.71	43	519692	11.02	ug/l	99
23) Chloroprene	9.02	53	3484	0.13	ug/l #	14
24) 2-Butanone	9.15	43	1274028	68.72	ug/l	96
25) Di-isopropyl ether	9.17	45	882507	9.86	ug/l	74
26) Methacrylonitrile	9.29	41	160902	9.13	ug/l	92
27) cis-1,2 Dichloroethene	9.32	96	317618	10.36	ug/l	99
28) Methyl Acrylate	9.79	55	220871	9.69	ug/l	94
29) Ethyl tertiary-butyl ether	9.78	59	580930	8.71	ug/l	100
30) 2,2-Dichloropropane	9.76	77	230451	9.64	ug/l	98
31) Bromochloromethane	9.57	128	182255	10.35	ug/l	99
32) Tetrahydrofuran	10.19	42	69193	9.75	ug/l	91
33) Chloroform	9.64	83	425820	10.33	ug/l	98
35) 1-Chlorobutane	10.80	56	386799	9.99	ug/l	99
36) 1,1,1-Trichloroethane	10.80	97	290119	10.15	ug/l	98
37) 1,1-Dichloropropene	11.10	75	268411	10.22	ug/l	98
38) Cyclohexane	11.24	56	246035	10.27	ug/l	98
39) Carbon Tetrachloride	11.37	117	247384	10.76	ug/l	94
40) Benzene	11.44	78	927529	10.04	ug/l	100
42) 1,2-Dichloroethane	10.66	62	260017	9.79	ug/l	97
43) Tertiary-amyl methyl ether	11.73	73	468640	8.27	ug/l	90
44) Trichloroethene	12.46	95	254109	9.96	ug/l	84
45) 1,2-Dichloropropane	12.38	63	253654	10.27	ug/l	99
46) Dibromomethane	12.32	93	211752	9.68	ug/l	97

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340951.D Vial: 3
Acq On : 13 Aug 2010 12:04 pm Operator: MD
Sample : CTH0092-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:44 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

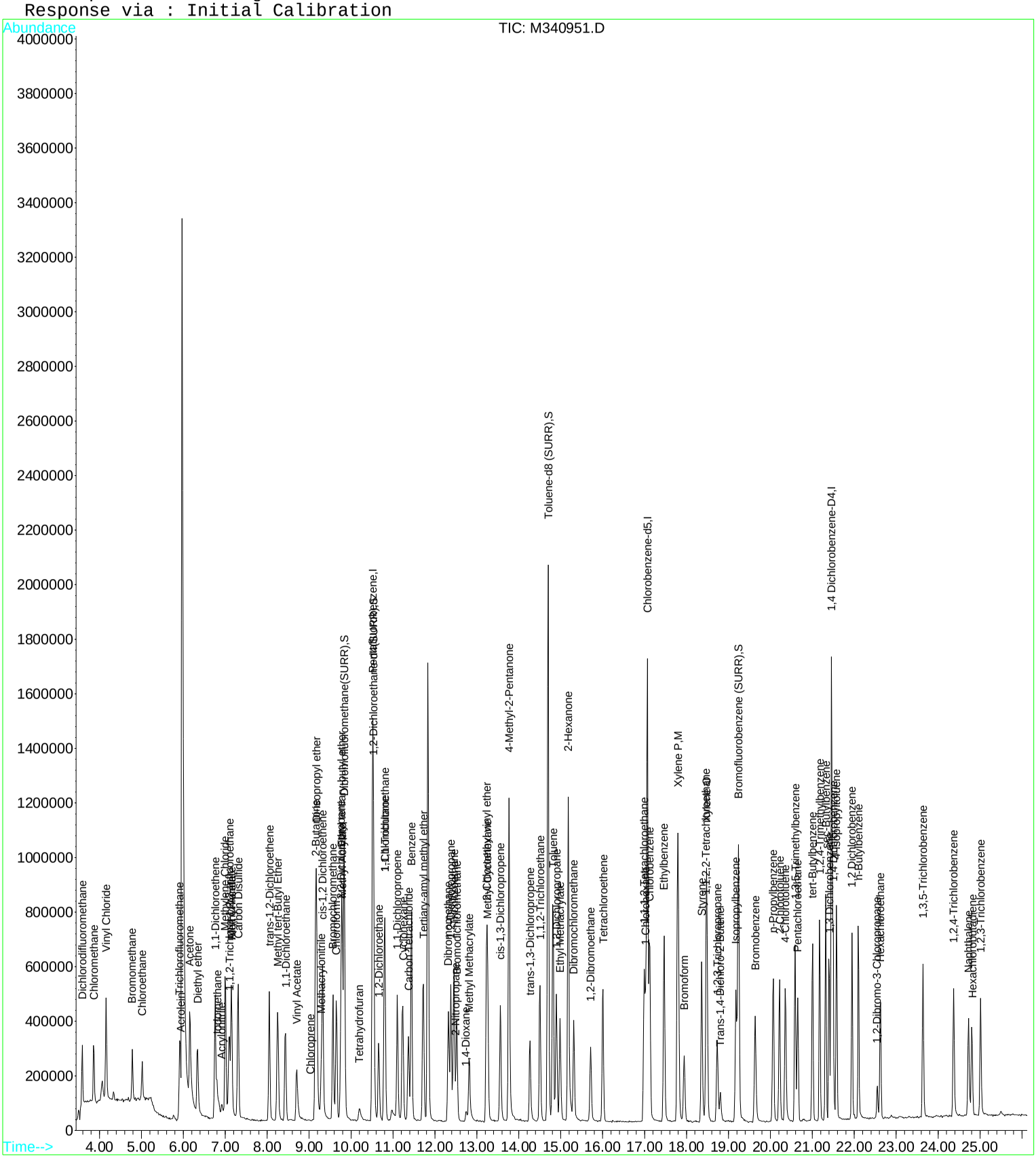
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.49	43	50927	9.91	ug/l		86
48)	Bromodichloromethane	12.52	83	308834	10.30	ug/l		99
49)	1,4-Dioxane	12.74	88	59553	313.79	ug/l		96
50)	Methyl Methacrylate	12.81	41	203801	9.43	ug/l		92
51)	2-Chloroethyl vinyl ether	13.23	63	272819	29.39	ug/l		97
52)	Methyl Cyclohexane	13.26	83	250246	11.20	ug/l		98
53)	4-Methyl-2-Pentanone	13.76	58	439849	48.81	ug/l		92
54)	cis-1,3-Dichloropropene	13.56	75	326695	9.81	ug/l		98
55)	trans-1,3-Dichloropropene	14.27	75	228544	8.90	ug/l		92
56)	1,1,2-Trichloroethane	14.51	83	214213	10.05	ug/l		99
57)	Toluene	14.82	92	543734	10.19	ug/l		99
60)	Ethyl Methacrylate	14.98	69	263274	10.47	ug/l		93
61)	2-Hexanone	15.18	43	1323582	80.78	ug/l		97
62)	1,3-Dichloropropane	14.89	76	375276	10.48	ug/l		96
63)	Tetrachloroethene	16.01	164	179173	11.98	ug/l		93
64)	Dibromochloromethane	15.31	129	287261	11.26	ug/l		97
65)	1,2-Dibromoethane	15.71	107	285247	10.38	ug/l		99
66)	1-Chlorohexane	17.02	91	189910	9.84	ug/l		96
67)	Chlorobenzene	17.13	112	625646	10.51	ug/l		95
68)	1,1,1,2-Tetrachloroethane	16.99	131	215380	10.87	ug/l		98
69)	Ethylbenzene	17.47	91	756053	10.12	ug/l		98
70)	Xylene P,M	17.80	106	628898	21.17	ug/l		98
71)	Xylene O	18.48	106	321277	10.40	ug/l		99
72)	Styrene	18.36	104	510822	9.68	ug/l		99
73)	Bromoform	17.94	173	179403	11.74	ug/l		95
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	38581	8.44	ug/l		95
78)	1,2,3-Trichloropropane	18.73	75	212869	10.15	ug/l		99
79)	Isopropylbenzene	19.18	105	557702	8.85	ug/l		98
80)	Bromobenzene	19.64	156	236550	10.52	ug/l		100
81)	1,1,2,2-Tetrachloroethane	18.46	83	314236	9.95	ug/l		98
82)	n-Propylbenzene	20.07	91	699152	10.14	ug/l		94
83)	2-Chlorotoluene	20.22	91	473234	10.39	ug/l		98
84)	4-Chlorotoluene	20.35	91	479896	9.99	ug/l		99
85)	1,3,5-Trimethylbenzene	20.59	105	514430	10.47	ug/l		99
86)	Pentachloroethane	20.65	119	115536	9.48	ug/l		97
87)	tert-Butylbenzene	21.01	119	444232	11.03	ug/l		91
88)	1,2,4-Trimethylbenzene	21.17	105	547927	10.39	ug/l		97
89)	sec-Butylbenzene	21.32	105	737178	11.58	ug/l		99
90)	1,3 Dichlorobenzene	21.41	146	354671	10.43	ug/l		95
91)	4-Isopropyltoluene	21.57	119	575873	10.90	ug/l		98
92)	1,4 Dichlorobenzene	21.50	146	397681	10.67	ug/l		95
93)	n-Butylbenzene	22.09	91	529400	11.45	ug/l		96
94)	1,2 Dichlorobenzene	21.95	146	363553	10.67	ug/l		96
95)	1,2-Dibromo-3-Chloropropan	22.54	75	33072	9.42	ug/l	#	76
96)	Hexachloroethane	22.61	117	132947	12.75	ug/l		91
97)	1,3,5-Trichlorobenzene	23.64	180	259581	11.55	ug/l		97
98)	1,2,4-Trichlorobenzene	24.37	180	230399	11.06	ug/l		96
99)	Hexachlorobutadiene	24.82	225	105149	10.96	ug/l		95
100)	Naphthalene	24.73	128	478950	9.76	ug/l		100
101)	1,2,3-Trichlorobenzene	25.01	180	216906	11.50	ug/l		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340951.D Vial: 3
Acq On : 13 Aug 2010 12:04 pm Operator: MD
Sample : CTH0092-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:44 2010 Quant Results File: AQ071210.RES

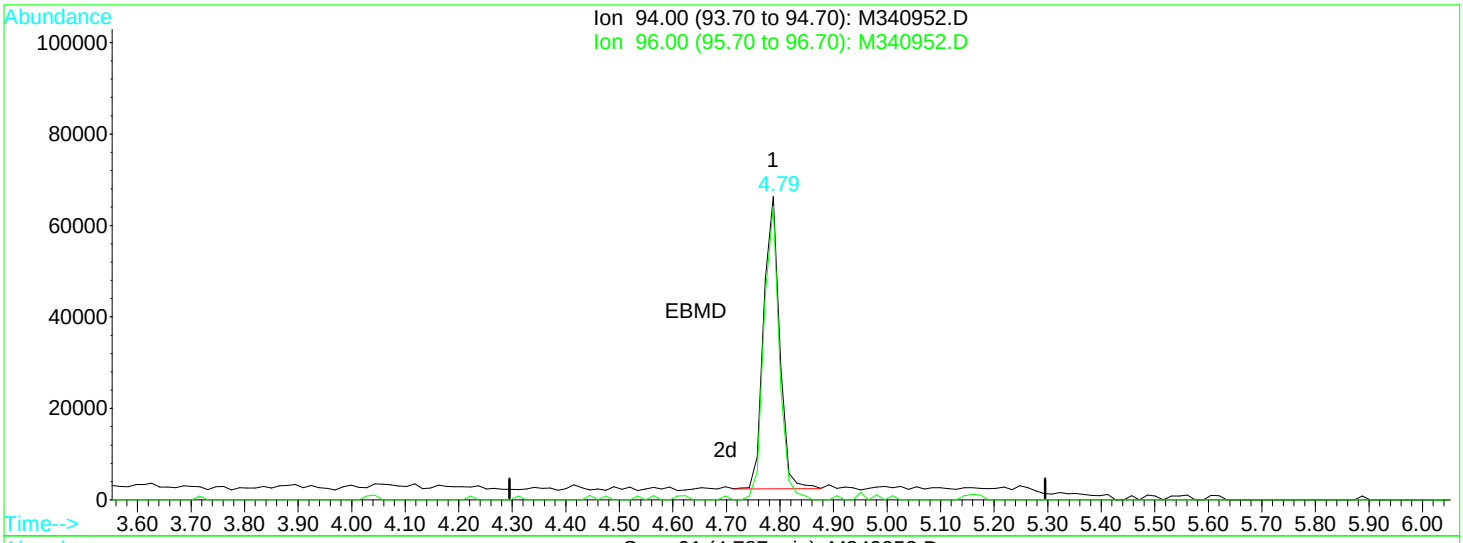
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

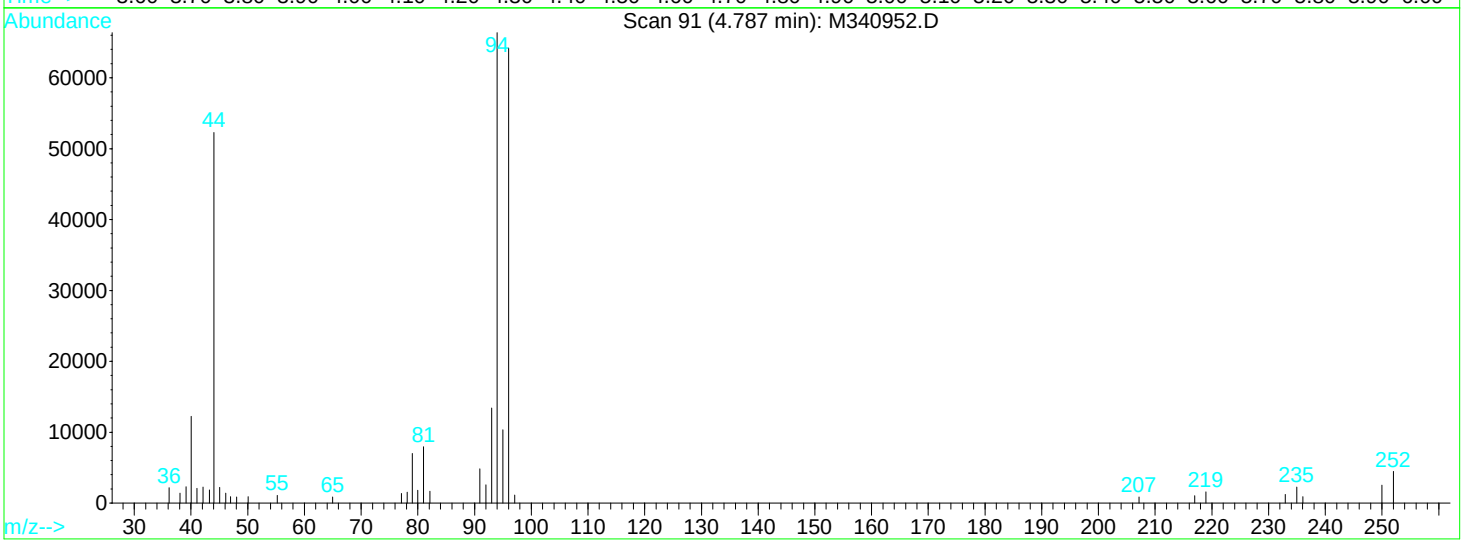


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340952.D Vial: 4
Acq On : 13 Aug 2010 12:36 pm Operator: MD
Sample : CTH0092-BSD1 CH01314-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:50 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340952.D

(5) Bromomethane

4.79min 7.85ug/l

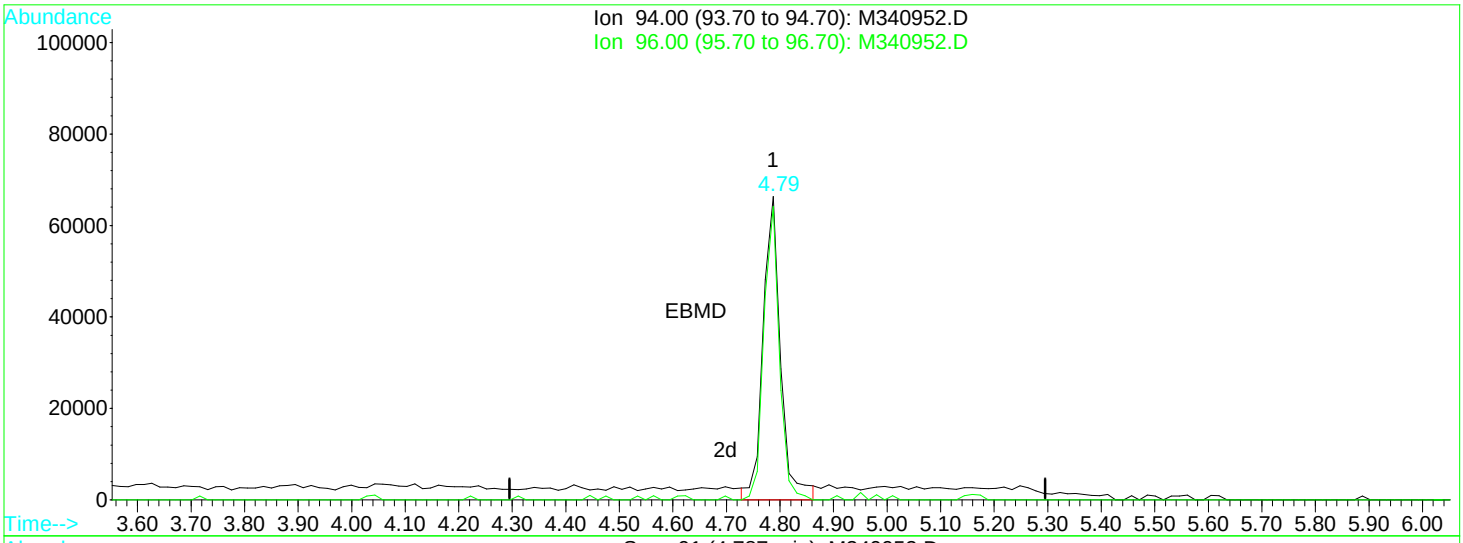
response 133377

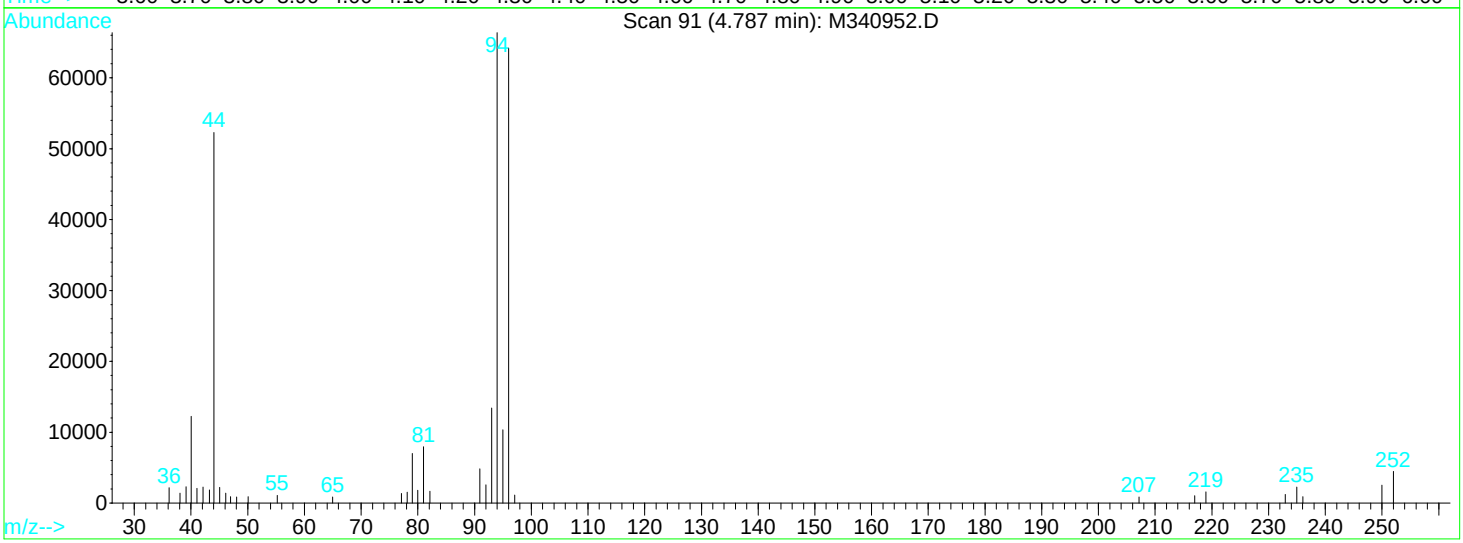
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	96.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340952.D Vial: 4
Acq On : 13 Aug 2010 12:36 pm Operator: MD
Sample : CTH0092-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340952.D

(5) Bromomethane

4.79min 8.99ug/l m

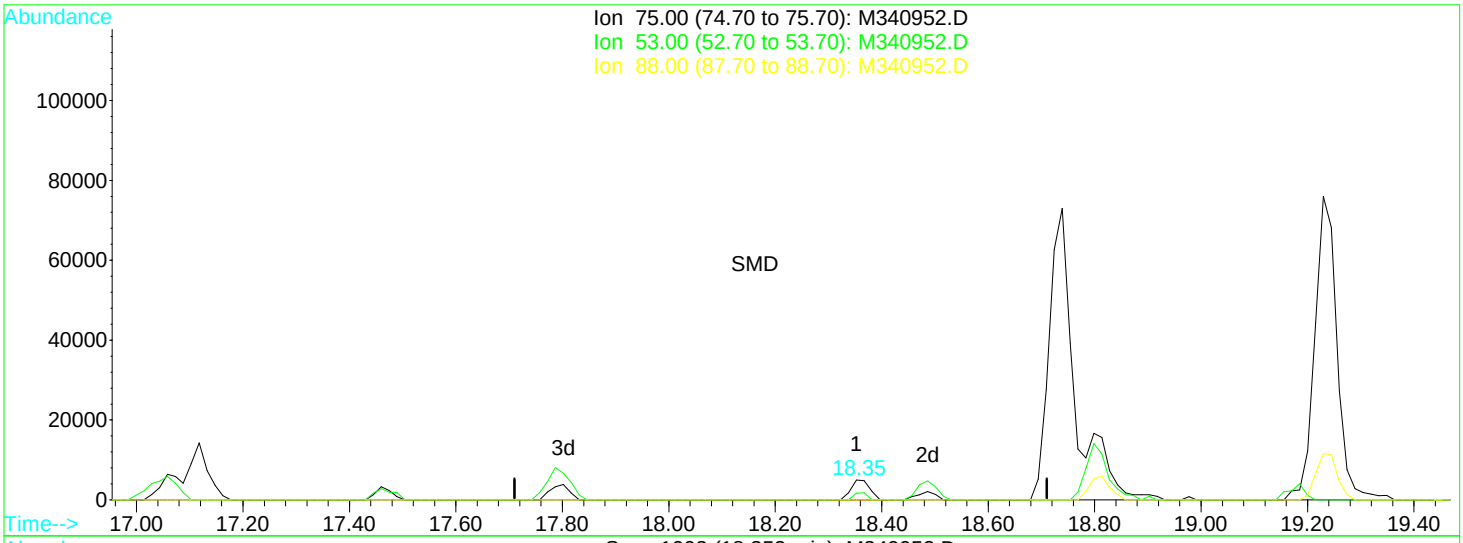
response 152605

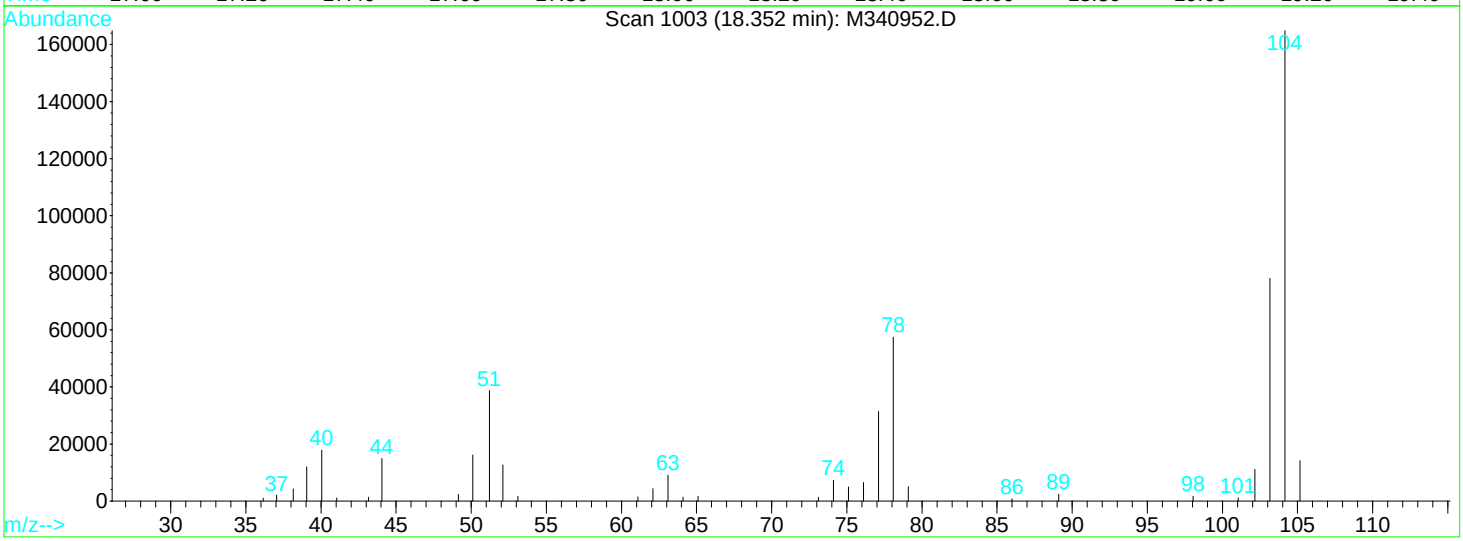
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	96.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340952.D Vial: 4
Acq On : 13 Aug 2010 12:36 pm Operator: MD
Sample : CTH0092-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340952.D

(74) cis-1,4-Dichloro-2-butene

18.35min 3.82ug/l

response 12148

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	33.18#
88.00	80.40	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340952.D Vial: 4
Acq On : 13 Aug 2010 12:36 pm Operator: MD
Sample : CTH0092-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.51	168	1071156	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1521003	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.46	152	583114	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.83	111	807864	26.83	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.32%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	546671	25.43	ug/l	0.00
Spiked Amount 25.000			Recovery = 101.72%			
59) Toluene-d8 (SURR)	14.69	98	1923734	26.81	ug/l	-0.02
Spiked Amount 25.000			Recovery = 107.24%			
75) Bromofluorobenzene (SURR)	19.23	95	642237	26.45	ug/l	-0.02
Spiked Amount 25.000			Recovery = 105.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.58	85	182762	8.96	ug/l	96
3) Chloromethane	3.87	50	234970	8.16	ug/l	95
4) Vinyl Chloride	4.16	62	220432	9.78	ug/l	97
5) Bromomethane	4.79	94	152605m	8.99	ug/l	
6) Chloroethane	5.01	64	129987	9.81	ug/l	95
7) Trichlorofluoromethane	5.92	101	321351	8.94	ug/l	100
8) Diethyl ether	6.33	59	189253	11.31	ug/l	96
9) Acrolein	5.95	56	37052	11.81	ug/l	80
10) Acetone	6.16	43	617681	95.43	ug/l	98
11) Iodomethane	6.80	142	199471	7.08	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.09	101	210764	10.79	ug/l	93
13) Methyl Acetate	7.15	43	180395	7.61	ug/l	100
14) Allyl Chloride	7.15	41	364492	9.88	ug/l	93
15) Carbon Disulfide	7.30	76	837905	12.57	ug/l	97
16) 1,1-Dichloroethene	6.77	96	240192	10.72	ug/l	96
17) Methylene Chloride	7.00	84	314523	10.70	ug/l	99
18) Methyl tert-Butyl Ether	8.25	73	474392	9.06	ug/l	93
19) Acrylonitrile	6.93	53	83520	9.87	ug/l	90
20) trans-1,2-Dichloroethene	8.04	96	258704	9.66	ug/l	90
21) 1,1-Dichloroethane	8.43	63	408309	10.30	ug/l	99
22) Vinyl Acetate	8.70	43	529505	11.61	ug/l	99
23) Chloroprene	9.15	53	5027	0.19	ug/l	89
24) 2-Butanone	9.16	43	1193250	66.53	ug/l	99
25) Di-isopropyl ether	9.18	45	858038	9.91	ug/l	80
26) Methacrylonitrile	9.29	41	154214	9.05	ug/l	97
27) cis-1,2 Dichloroethene	9.32	96	313972	10.58	ug/l	95
28) Methyl Acrylate	9.78	55	218436	9.91	ug/l	94
29) Ethyl tertiary-butyl ether	9.78	59	580627	9.00	ug/l	98
30) 2,2-Dichloropropane	9.77	77	219903	9.51	ug/l	85
31) Bromochloromethane	9.58	128	179143	10.52	ug/l	92
32) Tetrahydrofuran	10.20	42	72043	10.50	ug/l	97
33) Chloroform	9.65	83	407786	10.23	ug/l	98
35) 1-Chlorobutane	10.80	56	367582	9.82	ug/l	97
36) 1,1,1-Trichloroethane	10.80	97	285790	10.33	ug/l	92
37) 1,1-Dichloropropene	11.11	75	260720	10.26	ug/l	99
38) Cyclohexane	11.23	56	243094	10.49	ug/l	96
39) Carbon Tetrachloride	11.36	117	241465	10.86	ug/l	98
40) Benzene	11.44	78	914871	10.24	ug/l	100
42) 1,2-Dichloroethane	10.66	62	255387	9.94	ug/l	98
43) Tertiary-amyl methyl ether	11.72	73	461613	8.43	ug/l	92
44) Trichloroethene	12.45	95	249513	10.11	ug/l	94
45) 1,2-Dichloropropane	12.37	63	248331	10.40	ug/l	99
46) Dibromomethane	12.31	93	207117	9.79	ug/l	92

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340952.D Vial: 4
Acq On : 13 Aug 2010 12:36 pm Operator: MD
Sample : CTH0092-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

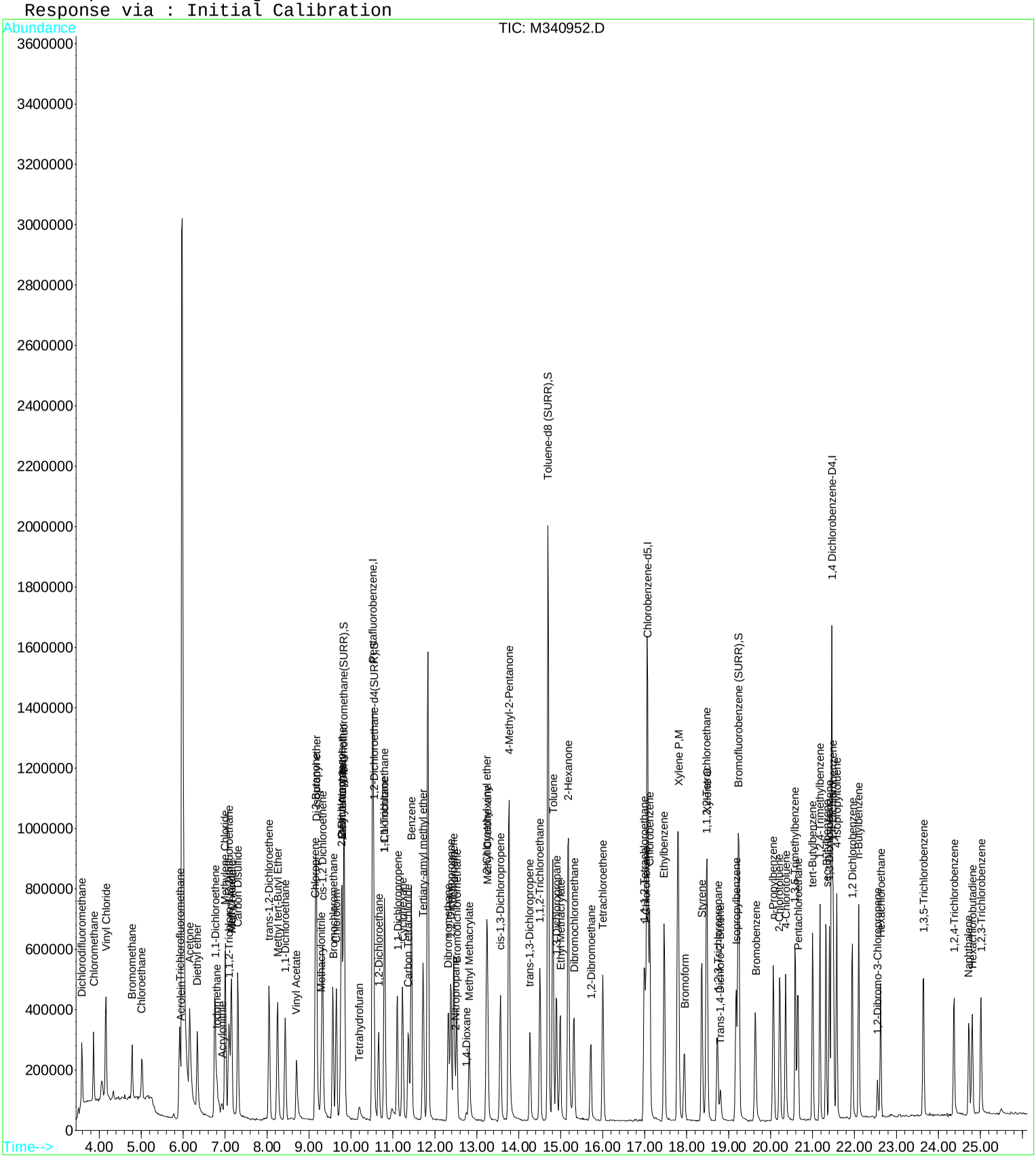
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.49	43	51097	10.28	ug/l	98
48)	Bromodichloromethane	12.52	83	297191	10.24	ug/l	94
49)	1,4-Dioxane	12.74	88	45152	245.92	ug/l	98
50)	Methyl Methacrylate	12.82	41	208675	9.98	ug/l	97
51)	2-Chloroethyl vinyl ether	13.24	63	264285	29.43	ug/l	98
52)	Methyl Cyclohexane	13.25	83	224196	10.37	ug/l	94
53)	4-Methyl-2-Pentanone	13.77	58	421123	48.30	ug/l	96
54)	cis-1,3-Dichloropropene	13.56	75	313099	9.72	ug/l	96
55)	trans-1,3-Dichloropropene	14.26	75	230826	9.29	ug/l	95
56)	1,1,2-Trichloroethane	14.50	83	209684	10.17	ug/l	97
57)	Toluene	14.81	92	538411	10.43	ug/l	98
60)	Ethyl Methacrylate	14.99	69	252508	10.16	ug/l	97
61)	2-Hexanone	15.17	43	1167119	72.13	ug/l	95
62)	1,3-Dichloropropane	14.90	76	377057	10.66	ug/l	98
63)	Tetrachloroethene	16.00	164	168274	11.40	ug/l	95
64)	Dibromochloromethane	15.32	129	278190	11.04	ug/l	99
65)	1,2-Dibromoethane	15.72	107	280042	10.31	ug/l	100
66)	1-Chlorohexane	17.03	91	181066	9.50	ug/l	94
67)	Chlorobenzene	17.12	112	615053	10.46	ug/l	96
68)	1,1,1,2-Tetrachloroethane	16.98	131	206369	10.55	ug/l	96
69)	Ethylbenzene	17.46	91	731612	9.92	ug/l	97
70)	Xylene P,M	17.80	106	604742	20.61	ug/l	99
71)	Xylene O	18.49	106	309262	10.14	ug/l	98
72)	Styrene	18.37	104	495386	9.50	ug/l	98
73)	Bromoform	17.95	173	174705	11.61	ug/l	99
77)	Trans-1,4-Dichloro-2-Buten	18.80	53	41265	9.11	ug/l	85
78)	1,2,3-Trichloropropane	18.74	75	206065	10.16	ug/l	98
79)	Isopropylbenzene	19.19	105	524637	8.60	ug/l	98
80)	Bromobenzene	19.65	156	229596	10.56	ug/l	95
81)	1,1,2,2-Tetrachloroethane	18.47	83	310581	10.16	ug/l	98
82)	n-Propylbenzene	20.06	91	647929	9.71	ug/l	96
83)	2-Chlorotoluene	20.21	91	461520	10.47	ug/l	94
84)	4-Chlorotoluene	20.36	91	455345	9.80	ug/l	99
85)	1,3,5-Trimethylbenzene	20.58	105	485989	10.22	ug/l	96
86)	Pentachloroethane	20.66	119	130457	11.07	ug/l	98
87)	tert-Butylbenzene	21.00	119	401758	10.31	ug/l	97
88)	1,2,4-Trimethylbenzene	21.18	105	506200	9.92	ug/l	95
89)	sec-Butylbenzene	21.33	105	684632	11.12	ug/l	98
90)	1,3 Dichlorobenzene	21.40	146	345107	10.49	ug/l	99
91)	4-Isopropyltoluene	21.58	119	518278	10.15	ug/l	98
92)	1,4 Dichlorobenzene	21.49	146	377336	10.47	ug/l	96
93)	n-Butylbenzene	22.10	91	486405	10.88	ug/l	99
94)	1,2 Dichlorobenzene	21.95	146	347943	10.56	ug/l	96
95)	1,2-Dibromo-3-Chloropropan	22.55	75	29922	8.81	ug/l	82
96)	Hexachloroethane	22.62	117	117656	11.67	ug/l	99
97)	1,3,5-Trichlorobenzene	23.65	180	233167	10.73	ug/l	98
98)	1,2,4-Trichlorobenzene	24.38	180	209736	10.41	ug/l	96
99)	Hexachlorobutadiene	24.81	225	99873	10.76	ug/l	98
100)	Naphthalene	24.72	128	418572	8.82	ug/l	100
101)	1,2,3-Trichlorobenzene	25.02	180	201464	11.05	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340952.D Vial: 4
Acq On : 13 Aug 2010 12:36 pm Operator: MD
Sample : CTH0092-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: AQ071210.RES

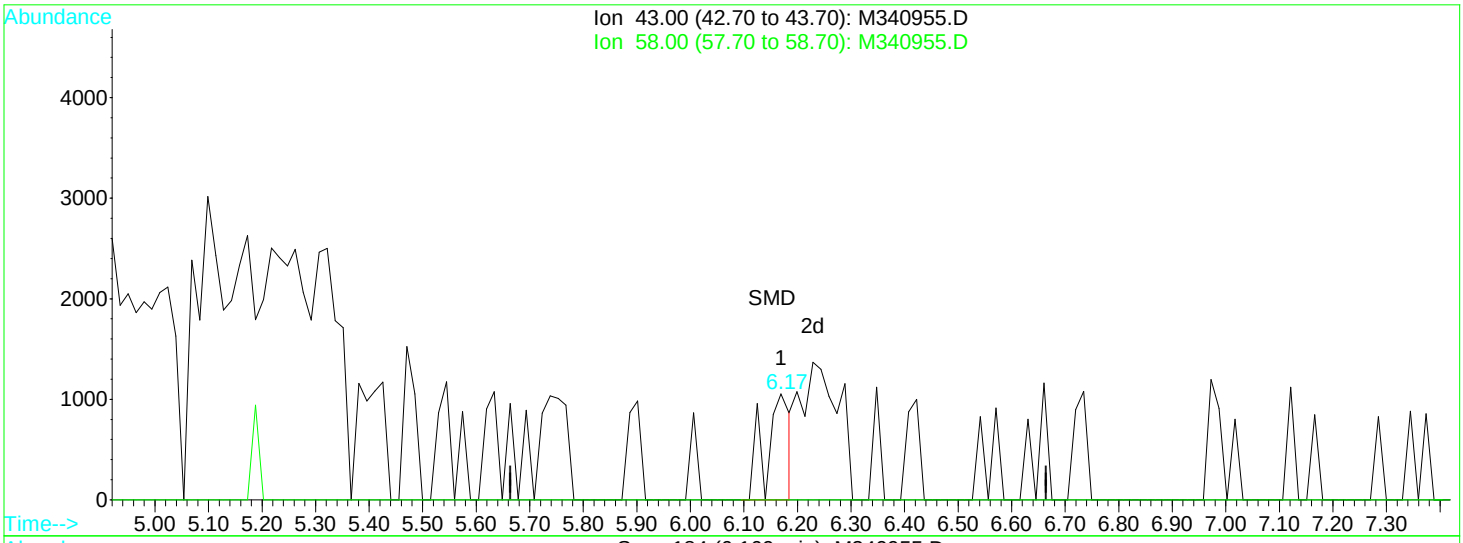
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

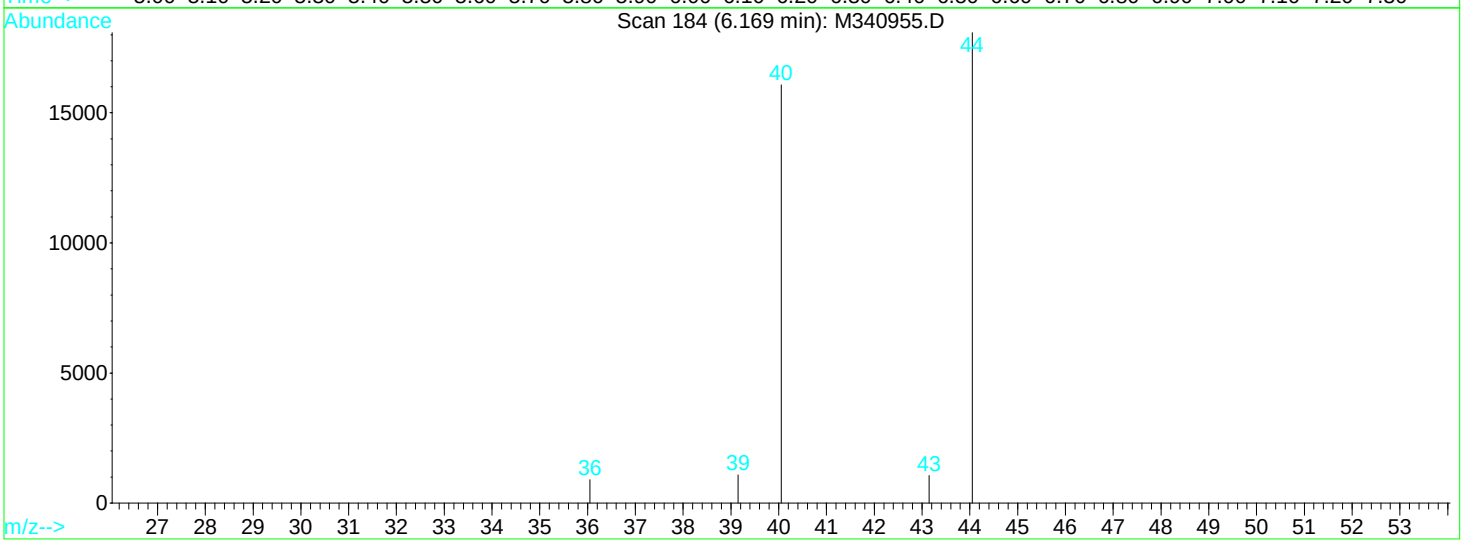


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340955.D

(10) Acetone

6.17min 0.47ug/l

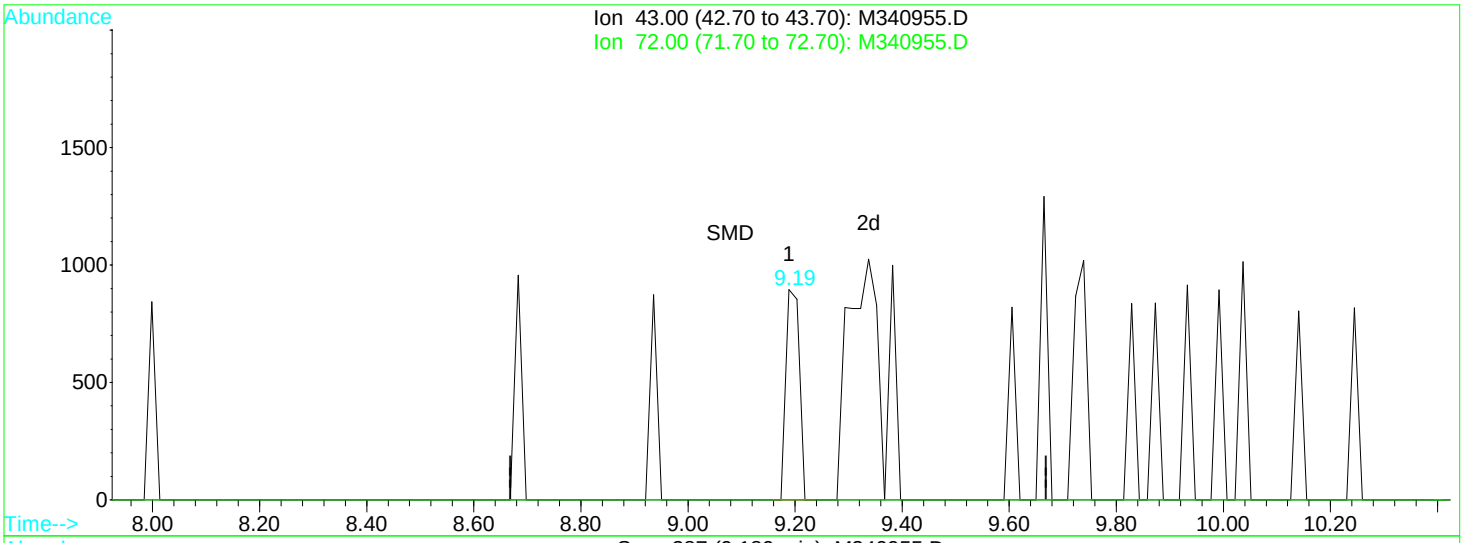
response 3328

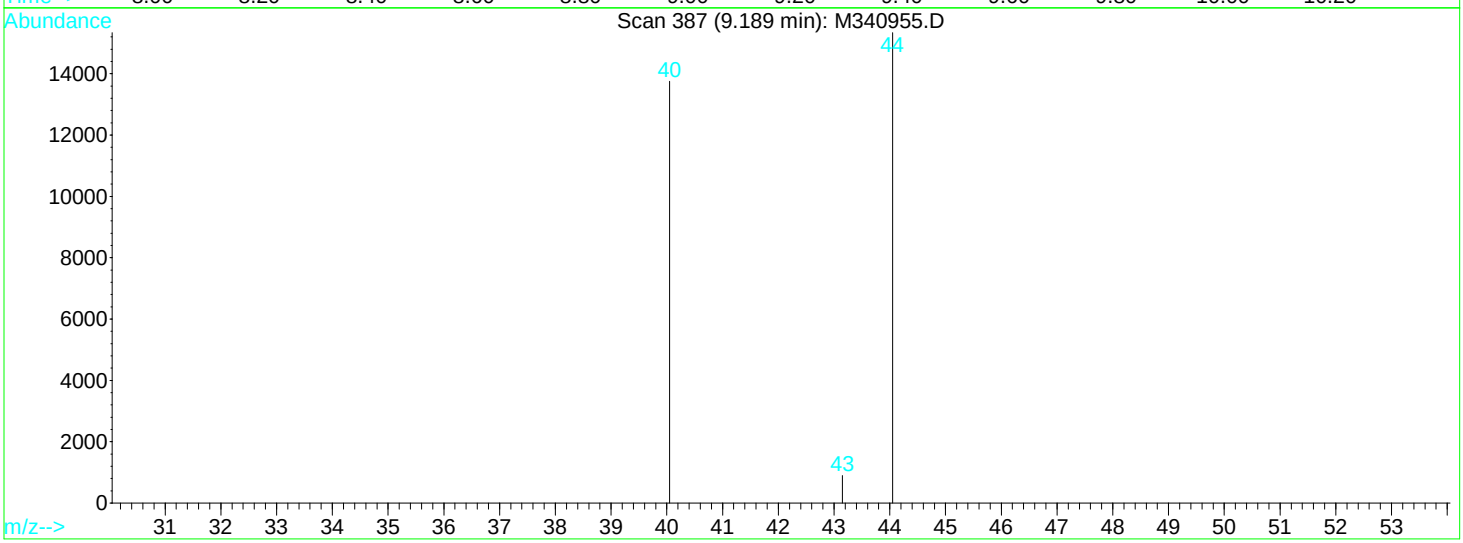
Ion	Exp%	Act%
43.00	100	100
58.00	29.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340955.D

(24) 2-Butanone

9.19min 0.08ug/l

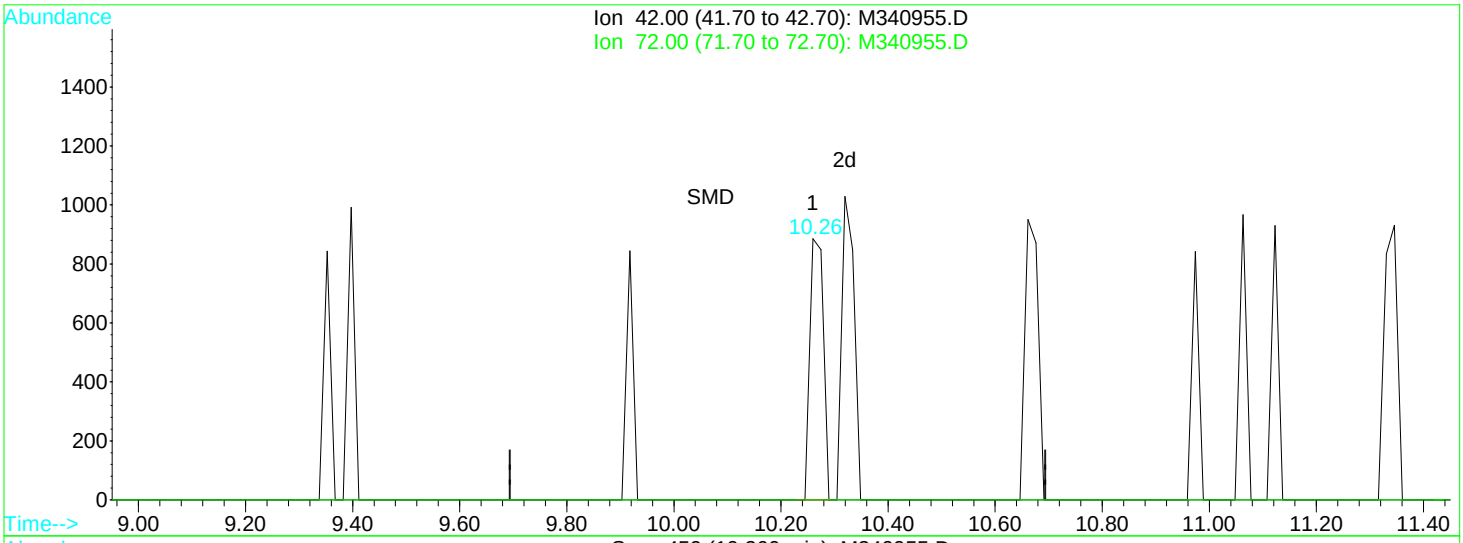
response 1561

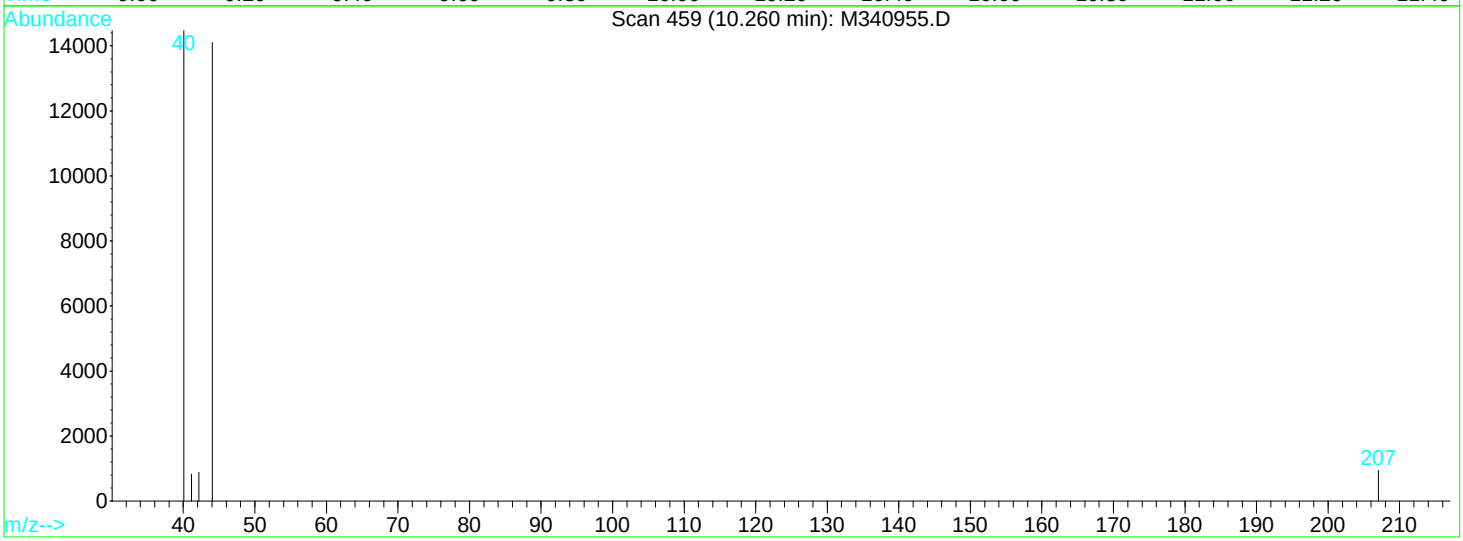
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340955.D

(32) Tetrahydrofuran

10.26min 0.21ug/l

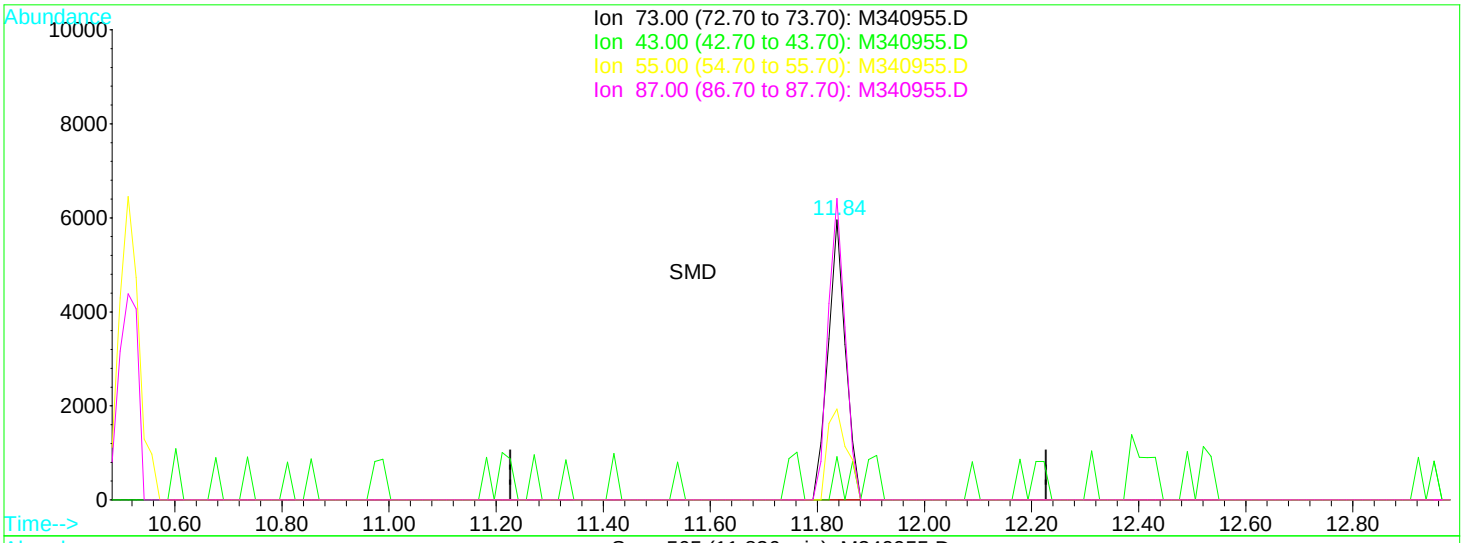
response 1547

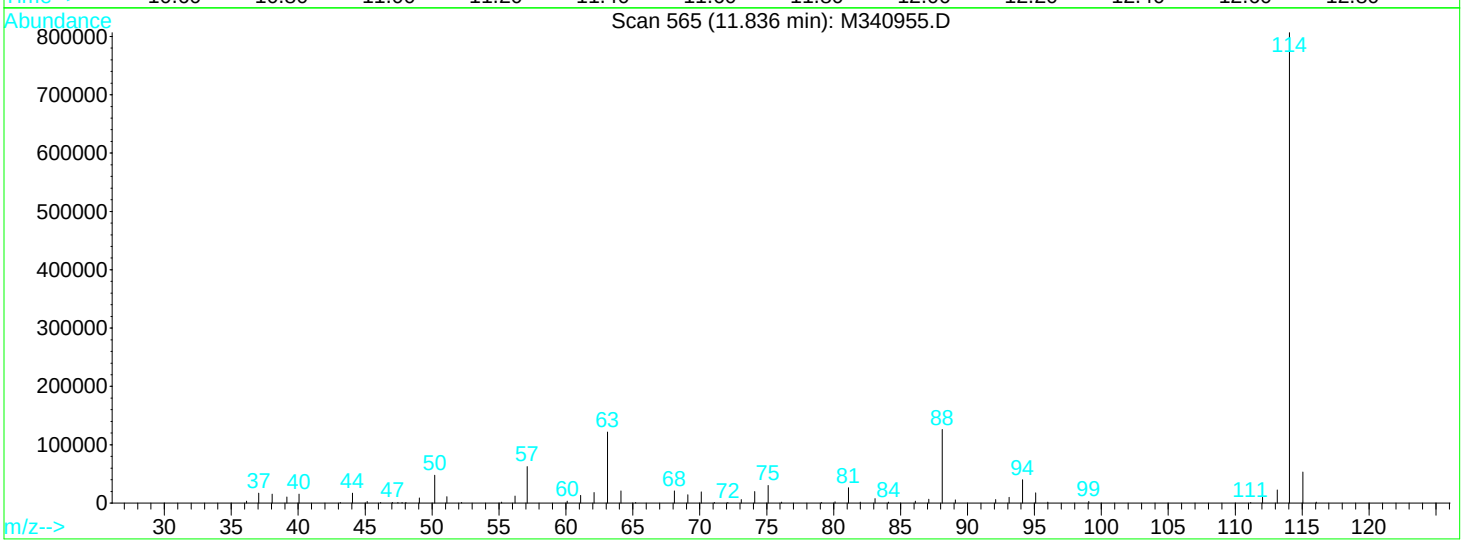
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:45 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340955.D

(43) Tertiary-amyl methyl ether

11.84min 0.23ug/l

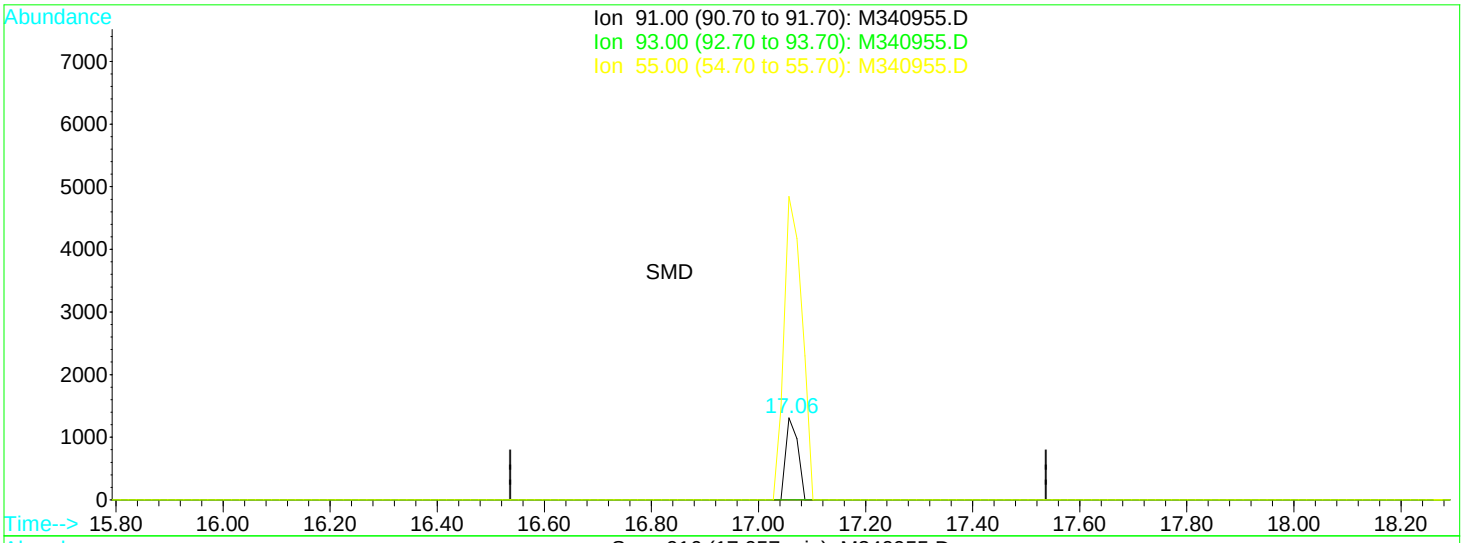
response 13520

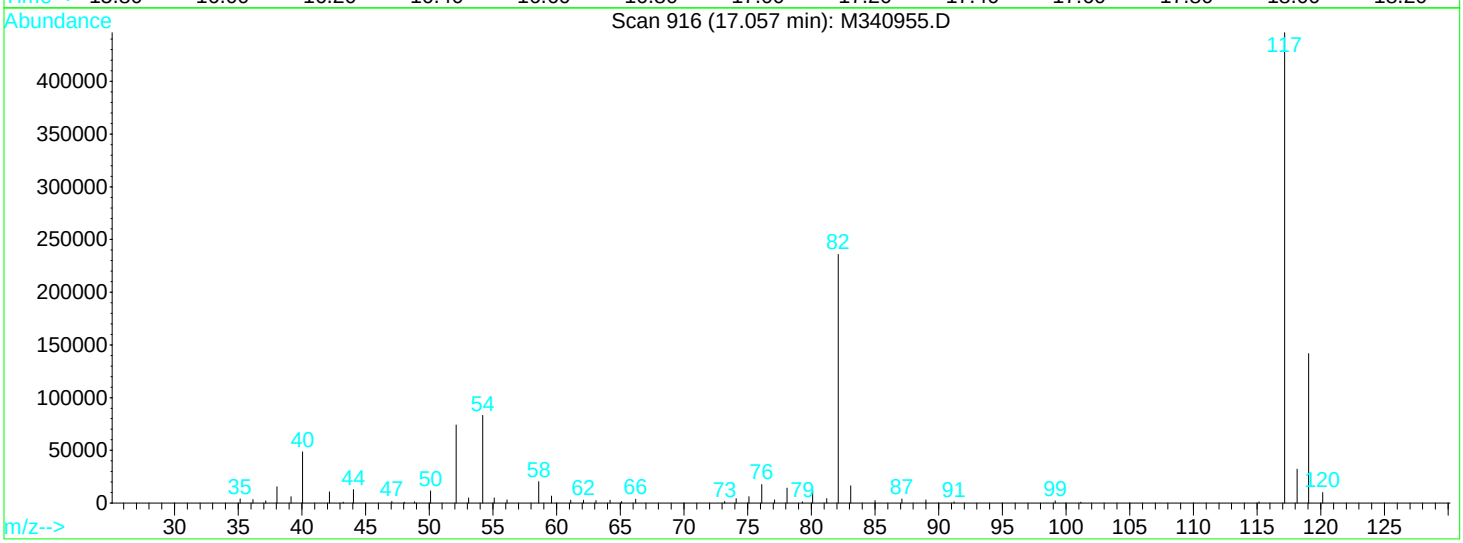
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	15.37
55.00	29.80	32.47
87.00	22.80	107.62#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:46 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340955.D

(66) 1-Chlorohexane

17.06min 0.10ug/l

response 2037

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	370.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:46 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

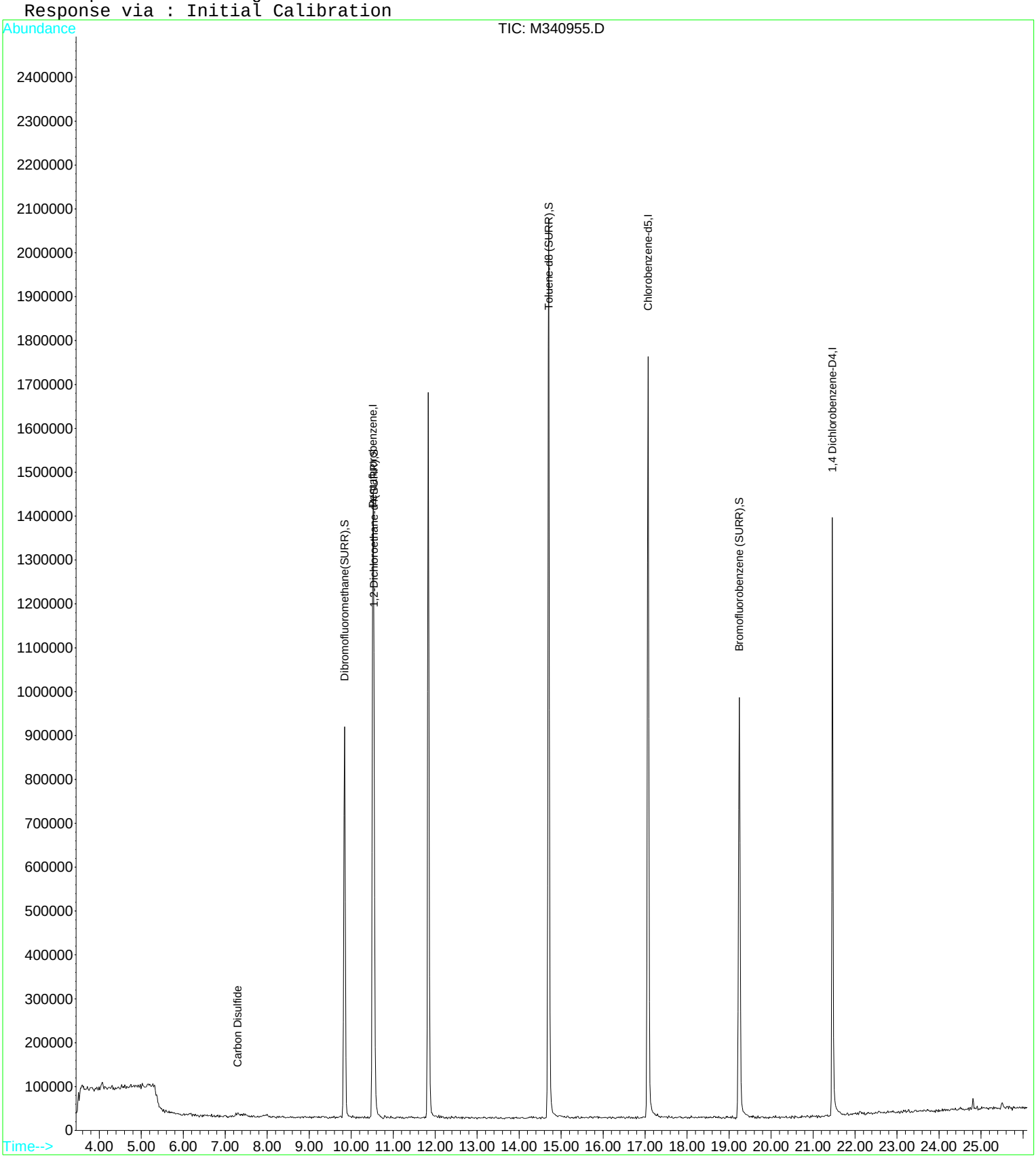
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.51	168	1165960	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1648107	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.46	152	510022	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	760998	23.22	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.88%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	506194	21.63	ug/l	0.00
Spiked Amount 25.000			Recovery = 86.52%			
59) Toluene-d8 (SURR)	14.71	98	2016115	25.93	ug/l	0.00
Spiked Amount 25.000			Recovery = 103.72%			
75) Bromofluorobenzene (SURR)	19.24	95	601132	22.85	ug/l	0.00
Spiked Amount 25.000			Recovery = 91.40%			
Target Compounds						Qvalue
15) Carbon Disulfide	7.30	76	7753	0.11	ug/l	57

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340955.D Vial: 7
Acq On : 13 Aug 2010 2:27 pm Operator: MD
Sample : CH01314-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:46 2010 Quant Results File: AQ071210.RES

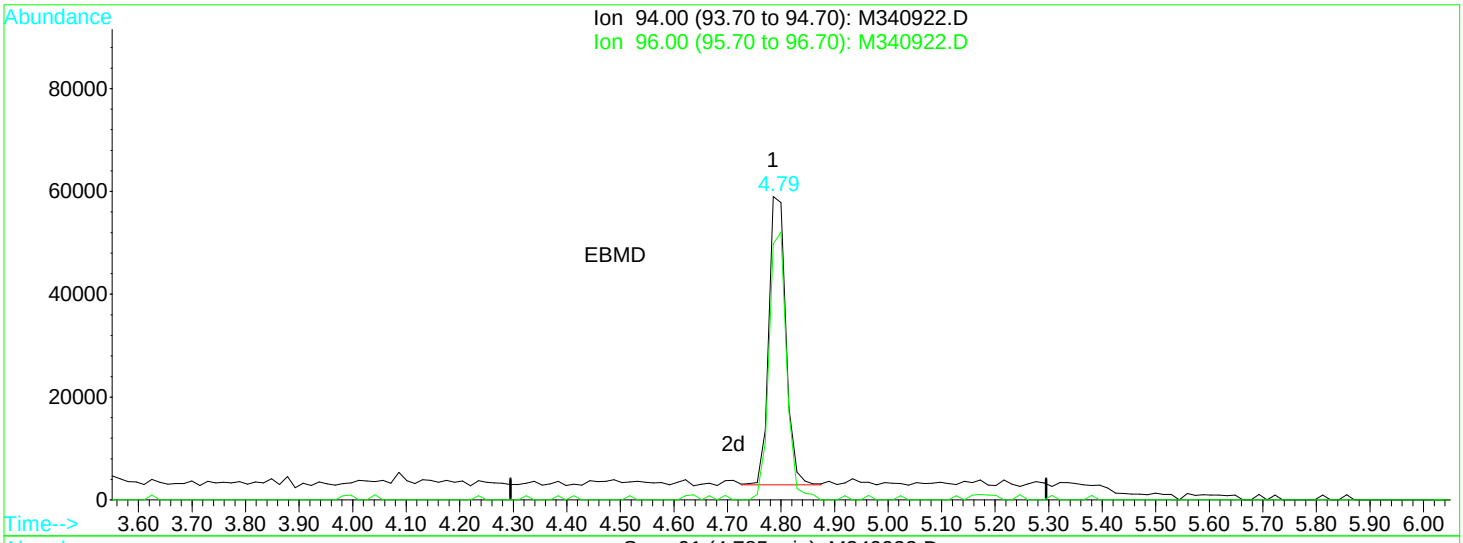
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

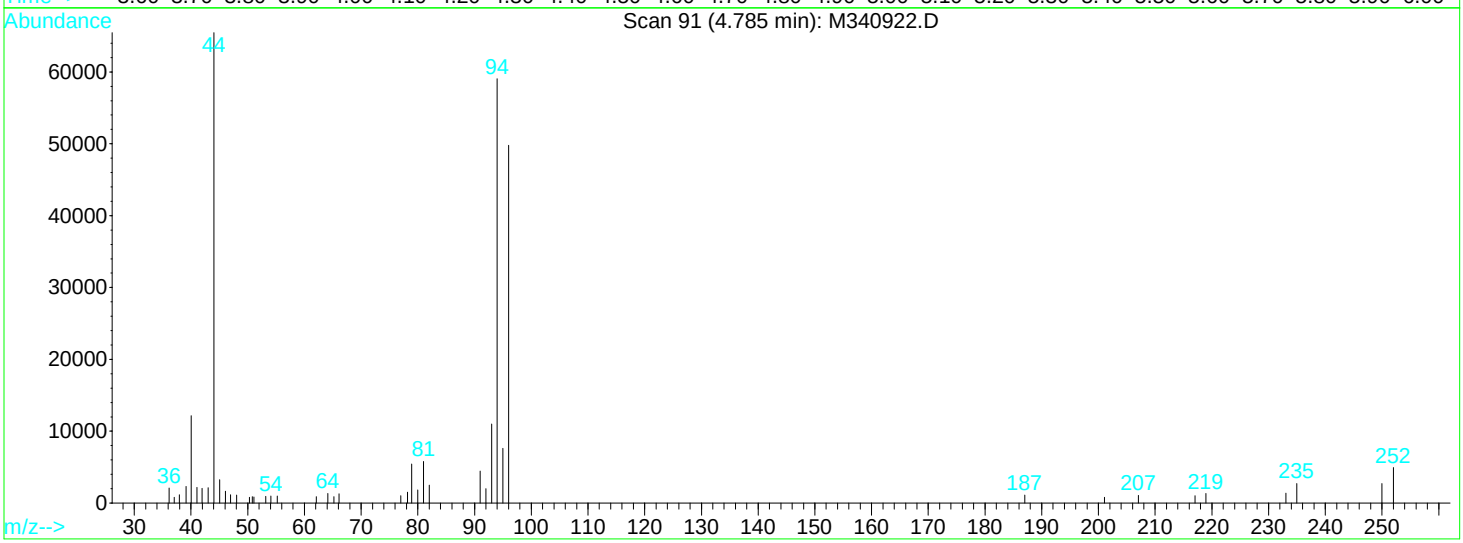


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340922.D Vial: 3
Acq On : 12 Aug 2010 9:20 am Operator: MD
Sample : CH01208-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 12:02 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Multiple Level Calibration





TIC: M340922.D

(5) Bromomethane

4.79min 7.09ug/l

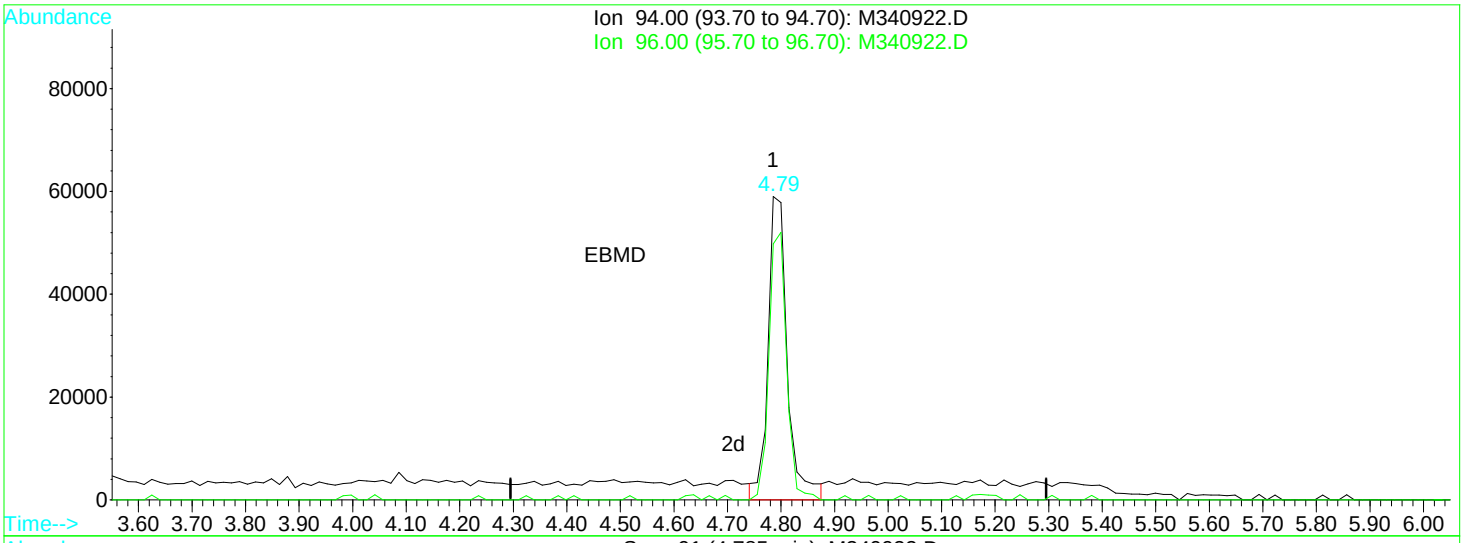
response 125704

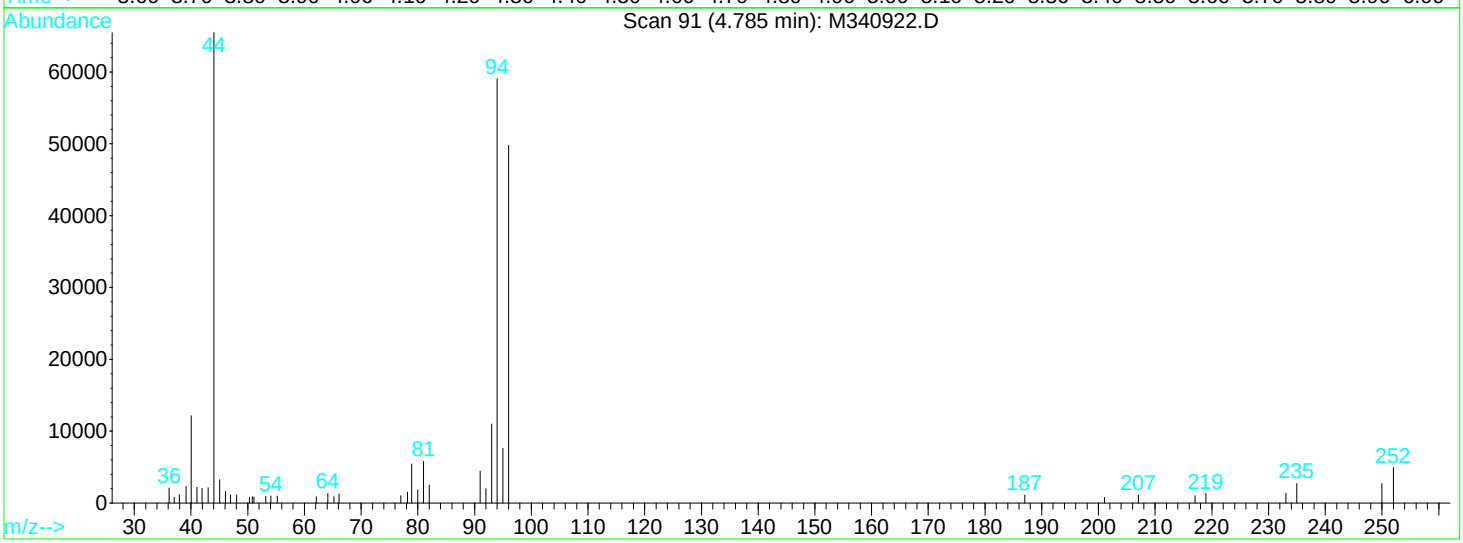
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	84.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340922.D Vial: 3
Acq On : 12 Aug 2010 9:20 am Operator: MD
Sample : CH01208-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:57 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Multiple Level Calibration





TIC: M340922.D

(5) Bromomethane

4.79min 8.40ug/l m

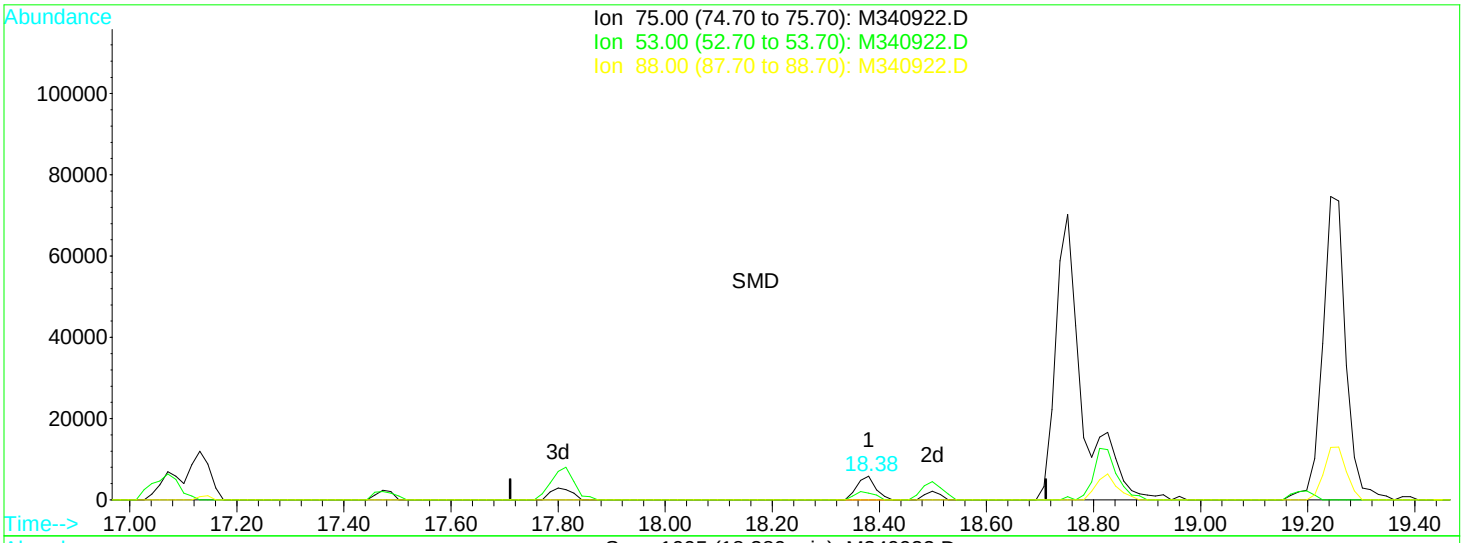
response 149093

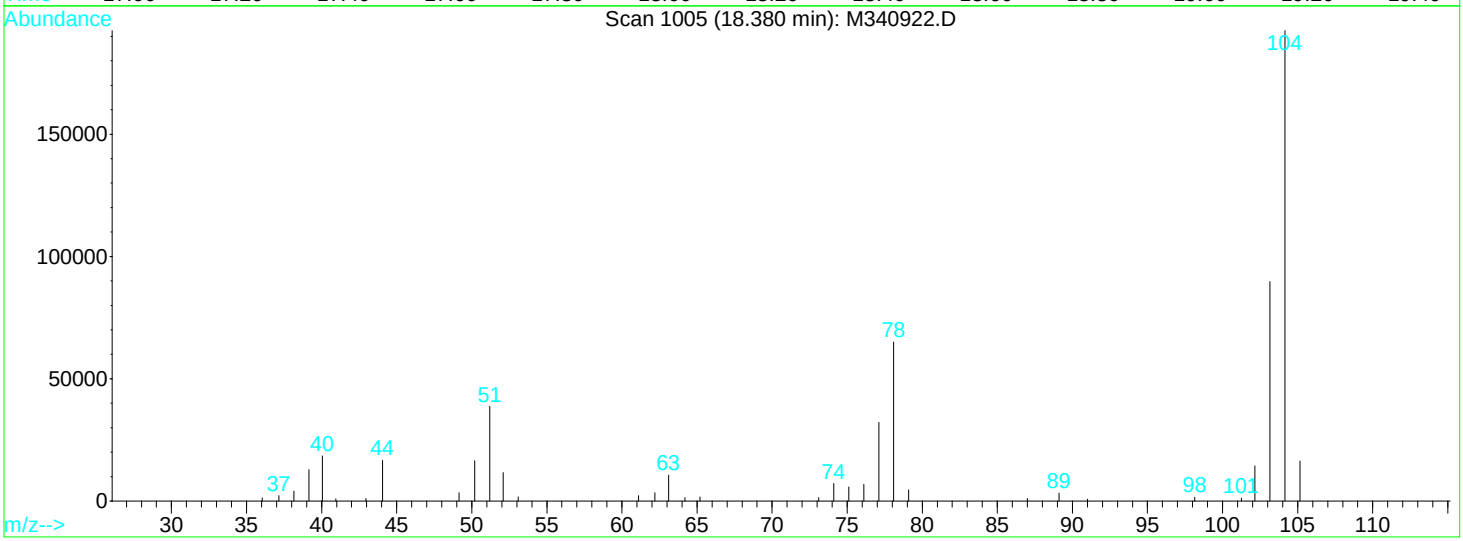
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	84.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340922.D Vial: 3
Acq On : 12 Aug 2010 9:20 am Operator: MD
Sample : CH01208-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:57 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Multiple Level Calibration





TIC: M340922.D

(74) cis-1,4-Dichloro-2-butene

18.38min 4.08ug/l

response 14073

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	28.67#
88.00	80.40	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340922.D Vial: 3
Acq On : 12 Aug 2010 9:20 am Operator: MD
Sample : CH01208-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:57 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1118752	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.09	117	1534198	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	602714	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	809224	25.73	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%			
41) 1,2-Dichloroethane-d4(SURR	10.56	65	543956	24.23	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.92%			
59) Toluene-d8 (SURR)	14.71	98	1992117	27.53	ug/l	-0.01
Spiked Amount 25.000			Recovery = 110.12%			
75) Bromofluorobenzene (SURR)	19.26	95	636405	25.98	ug/l	0.00
Spiked Amount 25.000			Recovery = 103.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	175554	8.24	ug/l	99
3) Chloromethane	3.88	50	235175	7.82	ug/l	98
4) Vinyl Chloride	4.16	62	213350	9.06	ug/l	96
5) Bromomethane	4.79	94	149093m	8.40	ug/l	
6) Chloroethane	5.02	64	131669	9.52	ug/l	94
7) Trichlorofluoromethane	5.93	101	299490	7.98	ug/l	98
8) Diethyl ether	6.35	59	183722	10.52	ug/l	97
9) Acrolein	5.96	56	38204	11.66	ug/l	89
10) Acetone	6.17	43	402856	59.59	ug/l	97
11) Iodomethane	6.81	142	204217	6.98	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	197193	9.67	ug/l	96
13) Methyl Acetate	7.17	43	217880	8.81	ug/l	97
14) Allyl Chloride	7.17	41	370307	9.61	ug/l	93
15) Carbon Disulfide	7.31	76	802265	11.53	ug/l	100
16) 1,1-Dichloroethene	6.76	96	242009	10.34	ug/l	97
17) Methylene Chloride	7.02	84	314189	10.24	ug/l	92
18) Methyl tert-Butyl Ether	8.27	73	476250	8.71	ug/l	94
19) Acrylonitrile	6.93	53	85925	9.72	ug/l	94
20) trans-1,2-Dichloroethene	8.06	96	258126	9.23	ug/l	92
21) 1,1-Dichloroethane	8.44	63	393843	9.52	ug/l	99
22) Vinyl Acetate	8.71	43	532067	11.17	ug/l	100
23) Chloroprene	9.02	53	3800	0.14	ug/l	88
24) 2-Butanone	9.17	43	990008	52.85	ug/l	99
25) Di-isopropyl ether	9.19	45	858614	9.49	ug/l	89
26) Methacrylonitrile	9.31	41	142003	7.98	ug/l	100
27) cis-1,2 Dichloroethene	9.34	96	304617	9.83	ug/l	98
28) Methyl Acrylate	9.80	55	225547	9.79	ug/l	97
29) Ethyl tertiary-butyl ether	9.80	59	588214	8.73	ug/l	98
30) 2,2-Dichloropropane	9.78	77	225090	9.32	ug/l	89
31) Bromochloromethane	9.59	128	166027	9.33	ug/l	99
32) Tetrahydrofuran	10.21	42	66594	9.29	ug/l	87
33) Chloroform	9.66	83	389386	9.35	ug/l	96
35) 1-Chlorobutane	10.81	56	358887	9.18	ug/l	94
36) 1,1,1-Trichloroethane	10.82	97	267788	9.27	ug/l	99
37) 1,1-Dichloropropene	11.12	75	247871	9.34	ug/l	97
38) Cyclohexane	11.24	56	231902	9.58	ug/l	97
39) Carbon Tetrachloride	11.39	117	230985	9.95	ug/l	97
40) Benzene	11.45	78	897344	9.61	ug/l	100
42) 1,2-Dichloroethane	10.68	62	243041	9.05	ug/l	98
43) Tertiary-amyl methyl ether	11.73	73	487241	8.51	ug/l	95
44) Trichloroethene	12.46	95	243742	9.45	ug/l	95
45) 1,2-Dichloropropane	12.40	63	239145	9.59	ug/l	97
46) Dibromomethane	12.33	93	205235	9.29	ug/l	83

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340922.D Vial: 3
Acq On : 12 Aug 2010 9:20 am Operator: MD
Sample : CH01208-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:57 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

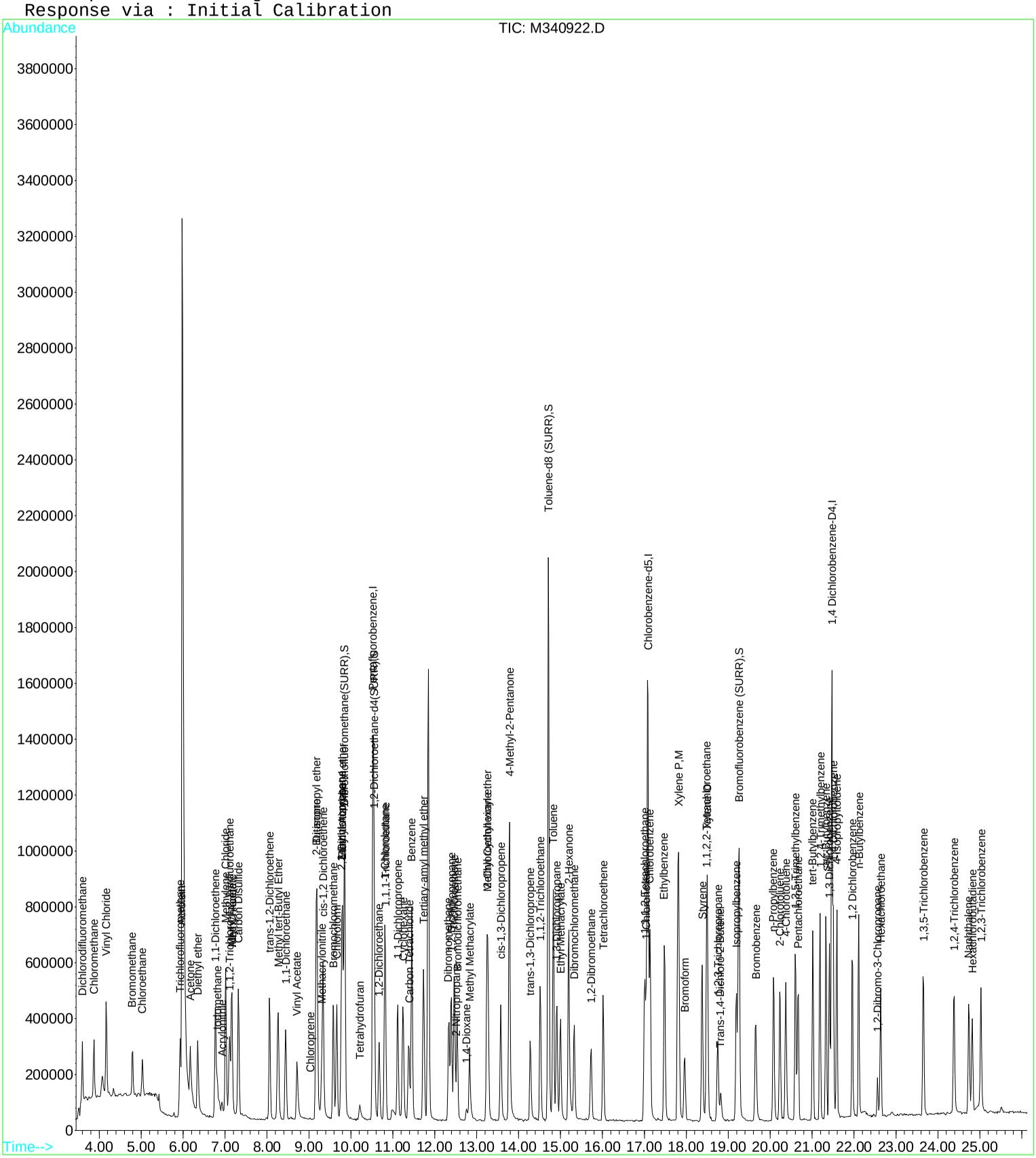
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.50	43	48442	9.33	ug/l	91
48)	Bromodichloromethane	12.53	83	289626	9.56	ug/l	94
49)	1,4-Dioxane	12.76	88	61740	321.96	ug/l	90
50)	Methyl Methacrylate	12.83	41	211212	9.68	ug/l	94
51)	2-Chloroethyl vinyl ether	13.25	63	264028	30.64	ug/l	98
52)	Methyl Cyclohexane	13.26	83	247598	10.97	ug/l	96
53)	4-Methyl-2-Pentanone	13.78	58	425855	46.77	ug/l	97
54)	cis-1,3-Dichloropropene	13.58	75	313545	9.32	ug/l	97
55)	trans-1,3-Dichloropropene	14.27	75	224102	8.64	ug/l	98
56)	1,1,2-Trichloroethane	14.51	83	204127	9.48	ug/l	95
57)	Toluene	14.83	92	522628	9.70	ug/l	99
60)	Ethyl Methacrylate	15.00	69	255658	10.20	ug/l	96
61)	2-Hexanone	15.20	43	856328	52.47	ug/l	98
62)	1,3-Dichloropropane	14.91	76	367403	10.30	ug/l	98
63)	Tetrachloroethene	16.02	164	151461	10.17	ug/l	97
64)	Dibromochloromethane	15.33	129	273729	10.77	ug/l	99
65)	1,2-Dibromoethane	15.73	107	267903	9.78	ug/l	99
66)	1-Chlorohexane	17.04	91	187261	9.74	ug/l	95
67)	Chlorobenzene	17.13	112	586118	9.88	ug/l	99
68)	1,1,1,2-Tetrachloroethane	17.01	131	195879	9.92	ug/l	98
69)	Ethylbenzene	17.47	91	725121	9.75	ug/l	94
70)	Xylene P,M	17.81	106	593530	20.05	ug/l	99
71)	Xylene O	18.50	106	304789	9.91	ug/l	96
72)	Styrene	18.38	104	501375	9.54	ug/l	99
73)	Bromoform	17.96	173	175824	11.59	ug/l	99
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	38825	8.48	ug/l	87
78)	1,2,3-Trichloropropane	18.75	75	199215	9.50	ug/l	96
79)	Isopropylbenzene	19.20	105	547584	8.69	ug/l	98
80)	Bromobenzene	19.66	156	223268	9.93	ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.48	83	305492	9.67	ug/l	99
82)	n-Propylbenzene	20.08	91	677372	9.82	ug/l	97
83)	2-Chlorotoluene	20.22	91	459300	10.08	ug/l	94
84)	4-Chlorotoluene	20.37	91	452603	9.43	ug/l	97
85)	1,3,5-Trimethylbenzene	20.60	105	508353	10.34	ug/l	93
86)	Pentachloroethane	20.67	119	136792	11.23	ug/l	99
87)	tert-Butylbenzene	21.01	119	432916	10.75	ug/l	98
88)	1,2,4-Trimethylbenzene	21.19	105	542872	10.30	ug/l	98
89)	sec-Butylbenzene	21.33	105	713750	11.22	ug/l	93
90)	1,3 Dichlorobenzene	21.41	146	342513	10.07	ug/l	98
91)	4-Isopropyltoluene	21.59	119	567507	10.75	ug/l	97
92)	1,4 Dichlorobenzene	21.50	146	370276	9.94	ug/l	98
93)	n-Butylbenzene	22.11	91	523193	11.32	ug/l	98
94)	1,2 Dichlorobenzene	21.96	146	353949	10.39	ug/l	98
95)	1,2-Dibromo-3-Chloropropan	22.56	75	34785	9.91	ug/l	82
96)	Hexachloroethane	22.63	117	126154	12.10	ug/l	98
97)	1,3,5-Trichlorobenzene	23.66	180	250603	11.15	ug/l	96
98)	1,2,4-Trichlorobenzene	24.39	180	235146	11.30	ug/l	98
99)	Hexachlorobutadiene	24.82	225	97763	10.19	ug/l	98
100)	Naphthalene	24.73	128	541371	11.03	ug/l	100
101)	1,2,3-Trichlorobenzene	25.03	180	226054	11.99	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340922.D Vial: 3
Acq On : 12 Aug 2010 9:20 am Operator: MD
Sample : CH01208-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:57 2010 Quant Results File: AQ071210.RES

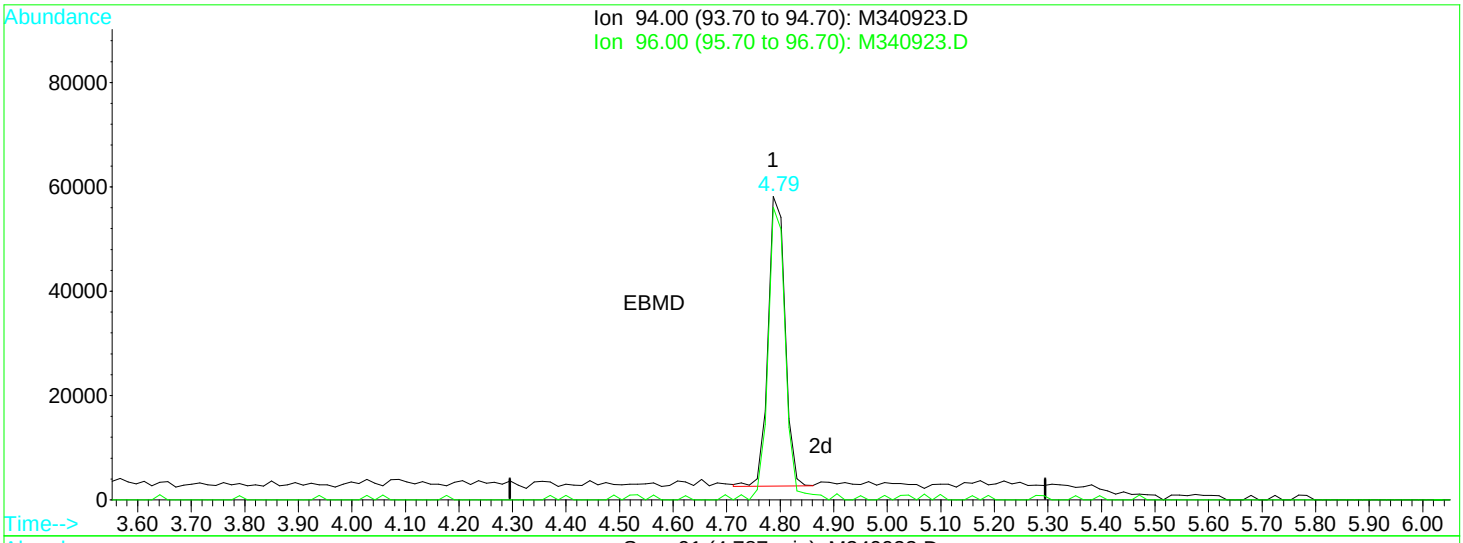
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration

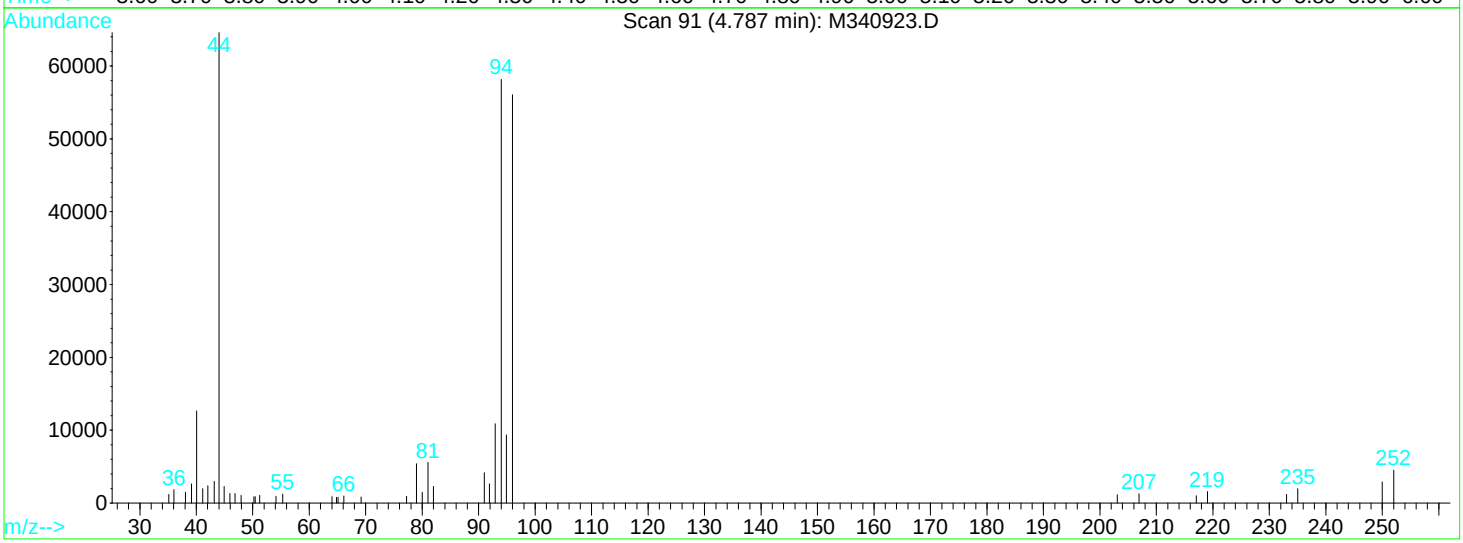


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340923.D Vial: 4
Acq On : 12 Aug 2010 9:52 am Operator: MD
Sample : CH01208-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 12:03 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340923.D

(5) Bromomethane

4.79min 7.12ug/l

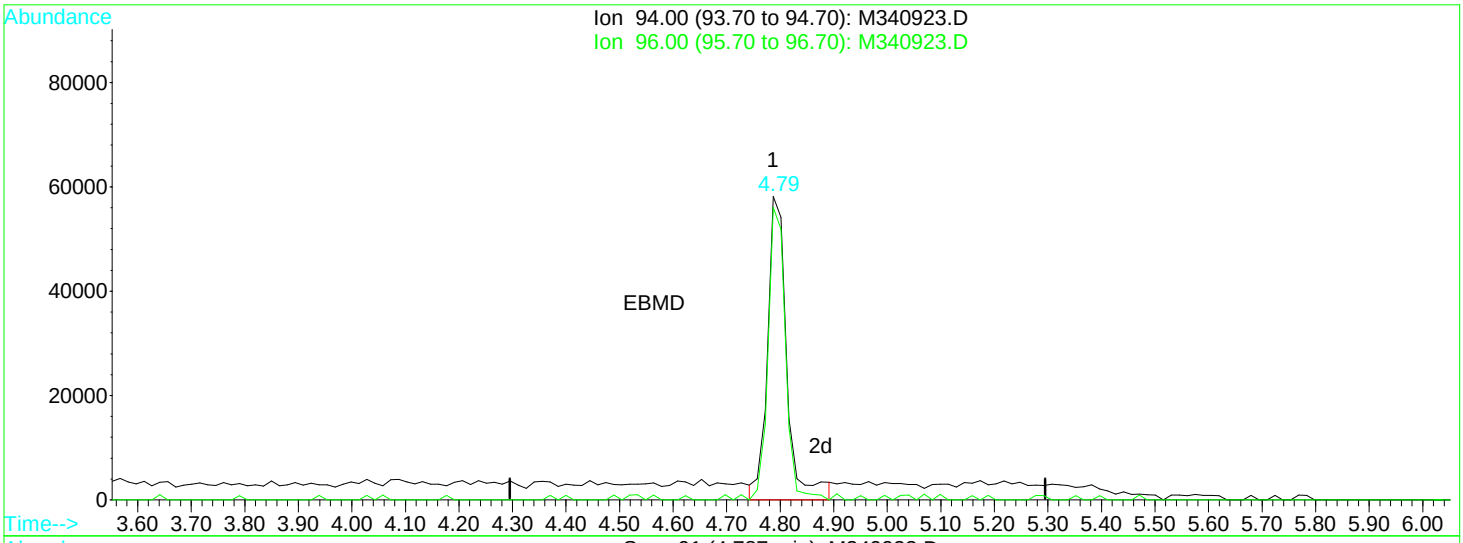
response 123406

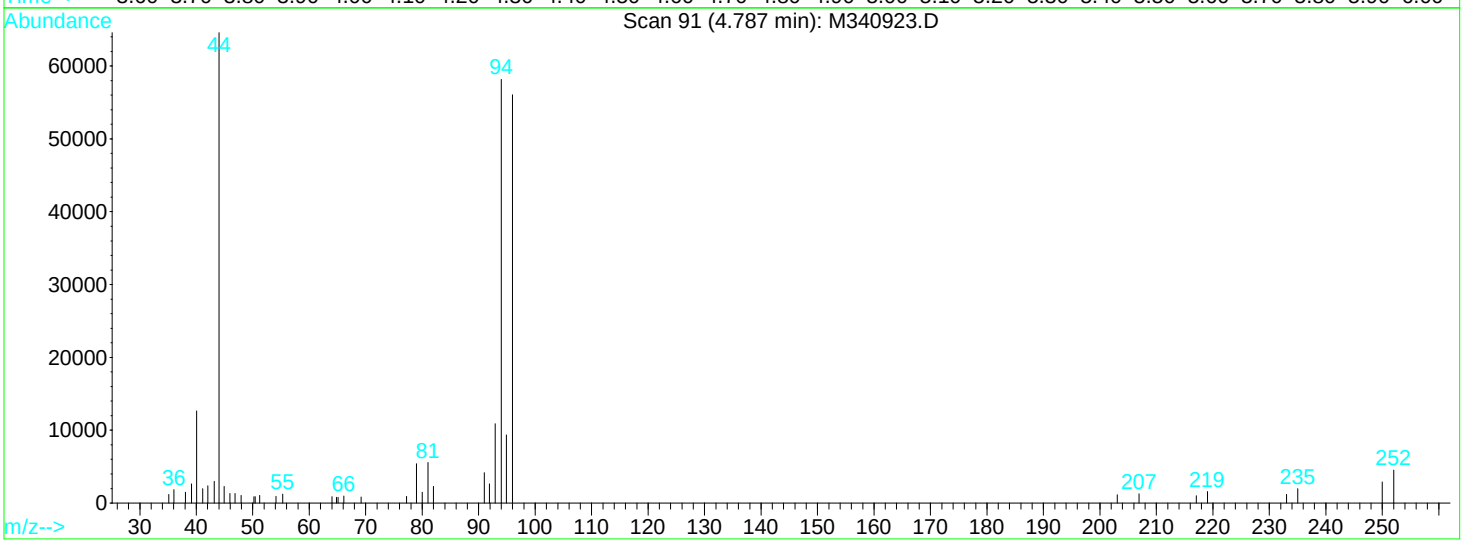
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	96.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340923.D Vial: 4
Acq On : 12 Aug 2010 9:52 am Operator: MD
Sample : CH01208-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:58 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340923.D

(5) Bromomethane

4.79min 8.53ug/l m

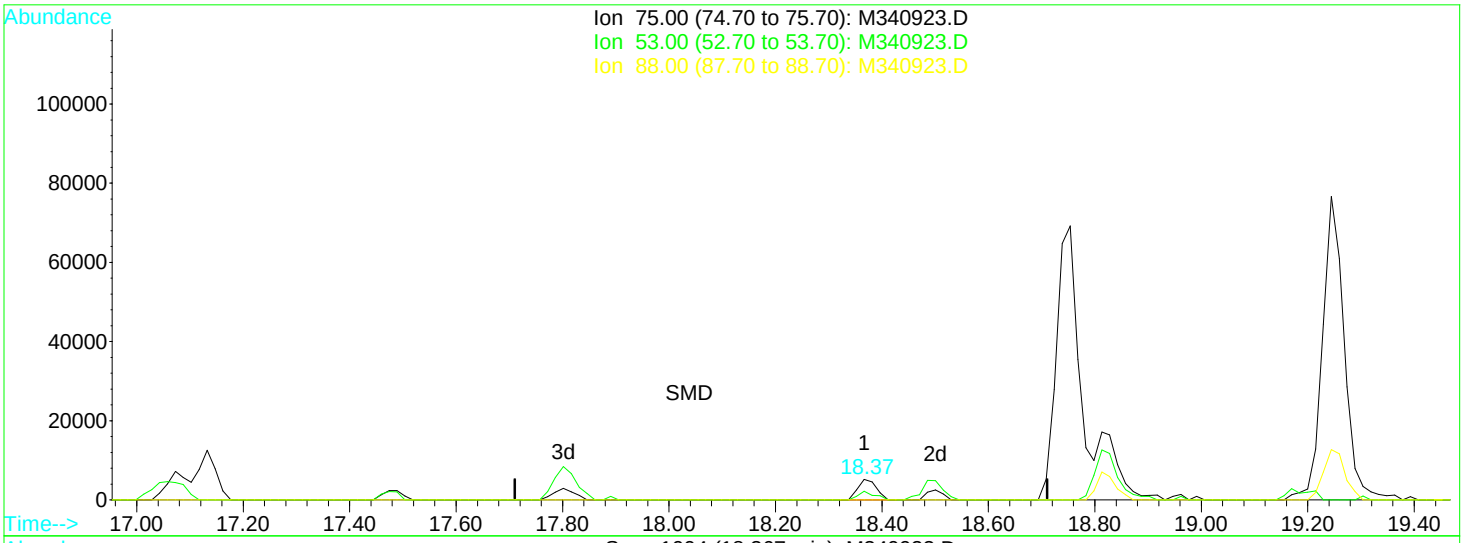
response 147681

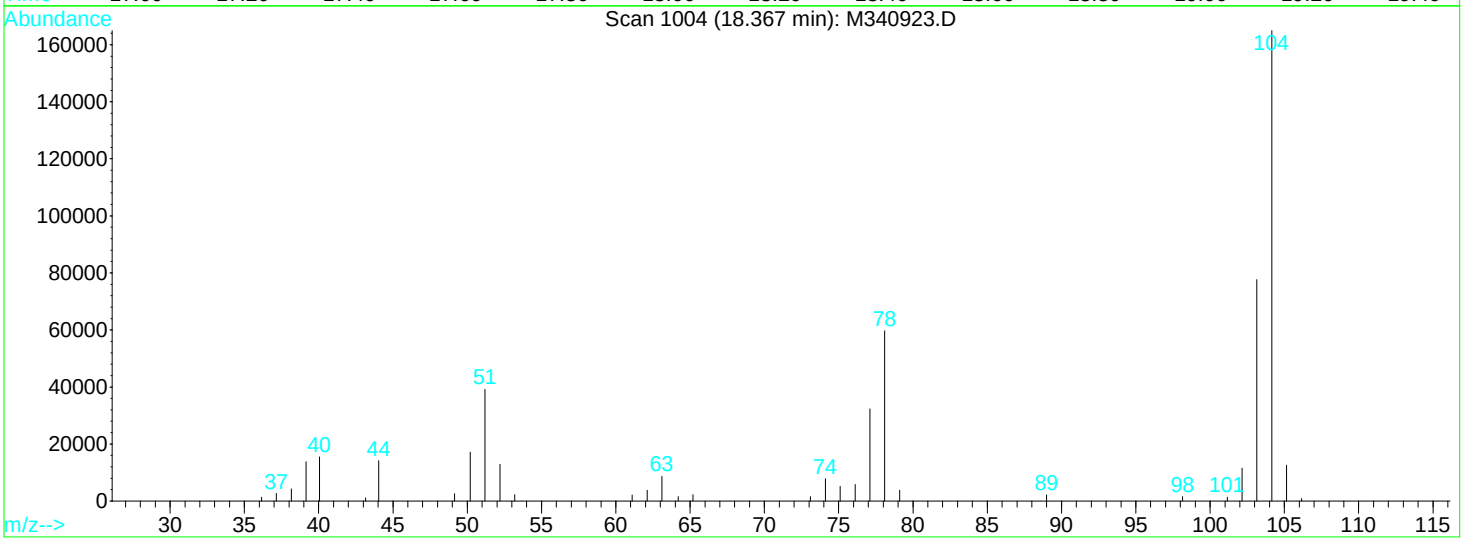
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	96.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340923.D Vial: 4
Acq On : 12 Aug 2010 9:52 am Operator: MD
Sample : CH01208-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:58 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340923.D

(74) cis-1,4-Dichloro-2-butene

18.37min 3.88ug/l

response 12502

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	42.20#
88.00	80.40	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340923.D Vial: 4
Acq On : 12 Aug 2010 9:52 am Operator: MD
Sample : CH01208-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:59 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1092527	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1513705	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.48	152	600815	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	800278	26.06	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.24%			
41) 1,2-Dichloroethane-d4(SURR	10.56	65	533869	24.35	ug/l	0.00
Spiked Amount 25.000			Recovery = 97.40%			
59) Toluene-d8 (SURR)	14.71	98	1978142	27.71	ug/l	0.00
Spiked Amount 25.000			Recovery = 110.84%			
75) Bromofluorobenzene (SURR)	19.24	95	619319	25.63	ug/l	0.00
Spiked Amount 25.000			Recovery = 102.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	164712	7.92	ug/l	94
3) Chloromethane	3.88	50	221884	7.56	ug/l	100
4) Vinyl Chloride	4.16	62	209700	9.12	ug/l	95
5) Bromomethane	4.79	94	147681m	8.53	ug/l	
6) Chloroethane	5.02	64	128465	9.51	ug/l	94
7) Trichlorofluoromethane	5.93	101	297327	8.11	ug/l	100
8) Diethyl ether	6.35	59	181088	10.61	ug/l	96
9) Acrolein	5.96	56	38169	11.93	ug/l	98
10) Acetone	6.17	43	328240	49.72	ug/l	97
11) Iodomethane	6.81	142	199925	6.99	ug/l	97
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	199196	10.00	ug/l	87
13) Methyl Acetate	7.15	43	212547	8.80	ug/l	97
14) Allyl Chloride	7.15	41	366827	9.75	ug/l	92
15) Carbon Disulfide	7.32	76	791694	11.65	ug/l	99
16) 1,1-Dichloroethene	6.76	96	233903	10.23	ug/l	98
17) Methylene Chloride	7.02	84	307890	10.27	ug/l	95
18) Methyl tert-Butyl Ether	8.27	73	476352	8.92	ug/l	96
19) Acrylonitrile	6.93	53	86196	9.98	ug/l	96
20) trans-1,2-Dichloroethene	8.06	96	247156	9.05	ug/l	91
21) 1,1-Dichloroethane	8.45	63	392119	9.70	ug/l	98
22) Vinyl Acetate	8.71	43	535186	11.50	ug/l	98
23) Chloroprene	9.19	53	3176	0.12	ug/l #	1
24) 2-Butanone	9.17	43	882802	48.26	ug/l	98
25) Di-isopropyl ether	9.19	45	854648	9.67	ug/l	91
26) Methacrylonitrile	9.31	41	154082	8.86	ug/l	97
27) cis-1,2 Dichloroethene	9.34	96	297306	9.83	ug/l	97
28) Methyl Acrylate	9.80	55	222213	9.88	ug/l	99
29) Ethyl tertiary-butyl ether	9.80	59	571453	8.68	ug/l	98
30) 2,2-Dichloropropane	9.77	77	221428	9.39	ug/l	88
31) Bromochloromethane	9.58	128	169789	9.77	ug/l	87
32) Tetrahydrofuran	10.22	42	68776	9.83	ug/l	89
33) Chloroform	9.67	83	389928	9.59	ug/l	98
35) 1-Chlorobutane	10.81	56	351657	9.21	ug/l	97
36) 1,1,1-Trichloroethane	10.81	97	261792	9.28	ug/l	93
37) 1,1-Dichloropropene	11.11	75	238778	9.21	ug/l	97
38) Cyclohexane	11.24	56	229716	9.72	ug/l	95
39) Carbon Tetrachloride	11.38	117	226786	10.00	ug/l	97
40) Benzene	11.45	78	878334	9.64	ug/l	100
42) 1,2-Dichloroethane	10.68	62	245373	9.36	ug/l	99
43) Tertiary-amyl methyl ether	11.73	73	469372	8.40	ug/l	91
44) Trichloroethene	12.46	95	238182	9.46	ug/l	89
45) 1,2-Dichloropropane	12.39	63	234263	9.62	ug/l	98
46) Dibromomethane	12.33	93	196192	9.09	ug/l	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340923.D Vial: 4
Acq On : 12 Aug 2010 9:52 am Operator: MD
Sample : CH01208-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:59 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

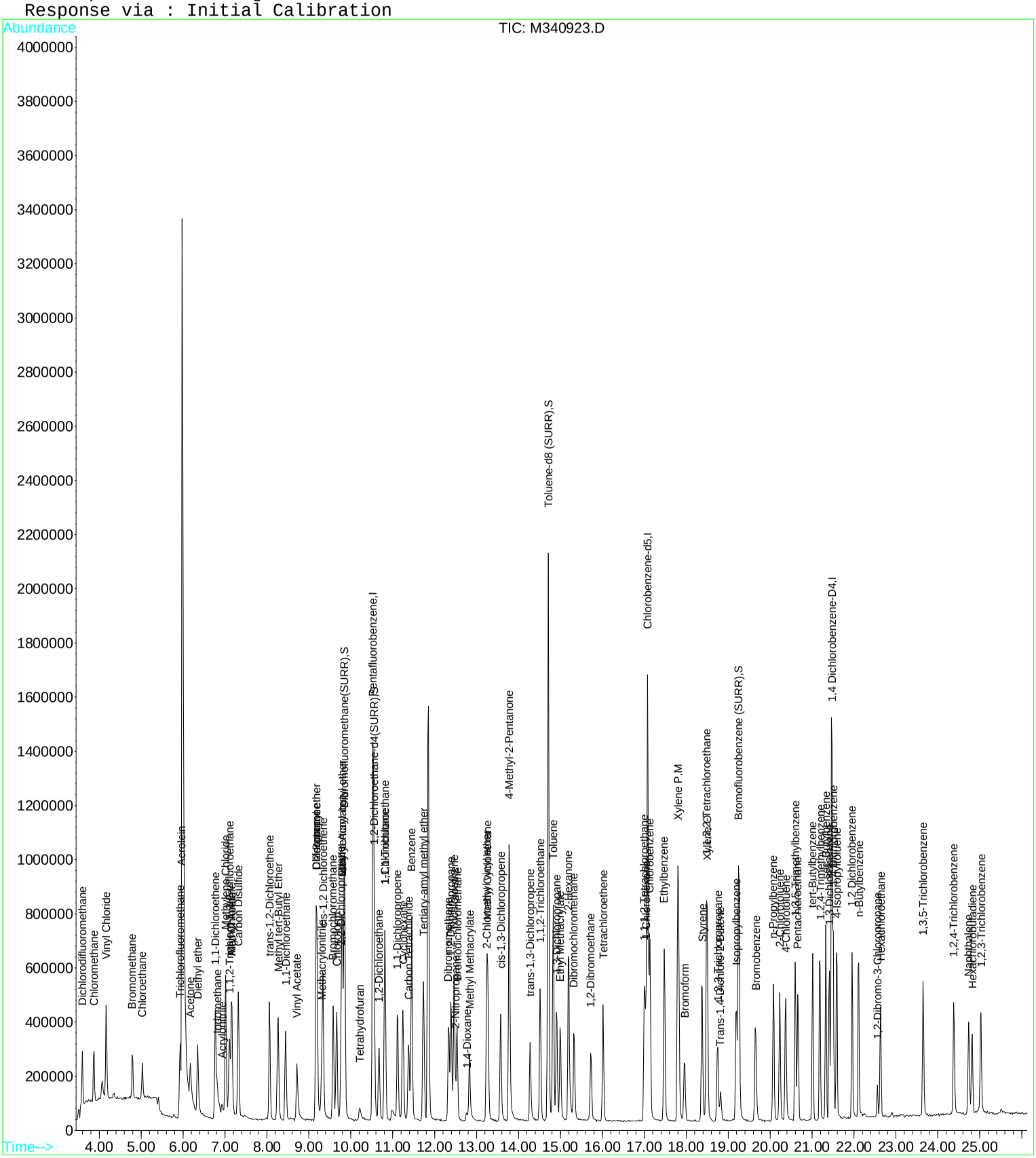
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.49	43	55519	10.95	ug/l		87
48)	Bromodichloromethane	12.54	83	286934	9.70	ug/l		98
49)	1,4-Dioxane	12.77	88	43516	232.37	ug/l		95
50)	Methyl Methacrylate	12.83	41	203065	9.53	ug/l		97
51)	2-Chloroethyl vinyl ether	13.24	63	257858	30.64	ug/l		92
52)	Methyl Cyclohexane	13.26	83	211131	9.58	ug/l		95
53)	4-Methyl-2-Pentanone	13.77	58	423503	47.63	ug/l		96
54)	cis-1,3-Dichloropropene	13.58	75	303720	9.25	ug/l		98
55)	trans-1,3-Dichloropropene	14.28	75	219353	8.66	ug/l		93
56)	1,1,2-Trichloroethane	14.51	83	200994	9.56	ug/l		99
57)	Toluene	14.83	92	501147	9.52	ug/l		98
60)	Ethyl Methacrylate	14.99	69	242074	9.79	ug/l		84
61)	2-Hexanone	15.18	43	794671	49.35	ug/l		97
62)	1,3-Dichloropropane	14.92	76	360593	10.24	ug/l		97
63)	Tetrachloroethene	16.02	164	145419	9.90	ug/l		95
64)	Dibromochloromethane	15.32	129	268049	10.69	ug/l		98
65)	1,2-Dibromoethane	15.72	107	265707	9.83	ug/l		98
66)	1-Chlorohexane	17.04	91	180716	9.53	ug/l		95
67)	Chlorobenzene	17.13	112	583557	9.97	ug/l		98
68)	1,1,1,2-Tetrachloroethane	17.00	131	197315	10.13	ug/l		99
69)	Ethylbenzene	17.47	91	700607	9.54	ug/l		99
70)	Xylene P,M	17.80	106	586807	20.09	ug/l		97
71)	Xylene O	18.50	106	300208	9.89	ug/l		91
72)	Styrene	18.38	104	483142	9.31	ug/l		95
73)	Bromoform	17.97	173	171810	11.50	ug/l		99
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	38481	8.44	ug/l		96
78)	1,2,3-Trichloropropane	18.75	75	201474	9.64	ug/l		98
79)	Isopropylbenzene	19.20	105	512502	8.16	ug/l		98
80)	Bromobenzene	19.66	156	217536	9.71	ug/l		91
81)	1,1,2,2-Tetrachloroethane	18.49	83	301952	9.59	ug/l		97
82)	n-Propylbenzene	20.08	91	635726	9.25	ug/l		94
83)	2-Chlorotoluene	20.23	91	437735	9.64	ug/l		96
84)	4-Chlorotoluene	20.37	91	451144	9.43	ug/l		96
85)	1,3,5-Trimethylbenzene	20.60	105	468534	9.56	ug/l		96
86)	Pentachloroethane	20.66	119	132745	10.93	ug/l		94
87)	tert-Butylbenzene	21.01	119	390979	9.74	ug/l		92
88)	1,2,4-Trimethylbenzene	21.19	105	487979	9.28	ug/l		97
89)	sec-Butylbenzene	21.33	105	641511	10.11	ug/l		97
90)	1,3 Dichlorobenzene	21.42	146	323487	9.54	ug/l		96
91)	4-Isopropyltoluene	21.59	119	513718	9.76	ug/l		97
92)	1,4 Dichlorobenzene	21.51	146	366822	9.88	ug/l		98
93)	n-Butylbenzene	22.11	91	484709	10.52	ug/l		98
94)	1,2 Dichlorobenzene	21.95	146	338220	9.96	ug/l		95
95)	1,2-Dibromo-3-Chloropropan	22.56	75	33776	9.66	ug/l	#	77
96)	Hexachloroethane	22.64	117	112718	10.85	ug/l		93
97)	1,3,5-Trichlorobenzene	23.65	180	227825	10.17	ug/l		97
98)	1,2,4-Trichlorobenzene	24.38	180	211902	10.21	ug/l		95
99)	Hexachlorobutadiene	24.82	225	94173	9.85	ug/l		98
100)	Naphthalene	24.73	128	461657	9.44	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	204925	10.91	ug/l		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340923.D Vial: 4
Acq On : 12 Aug 2010 9:52 am Operator: MD
Sample : CH01208-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:59 2010 Quant Results File: AQ071210.RES

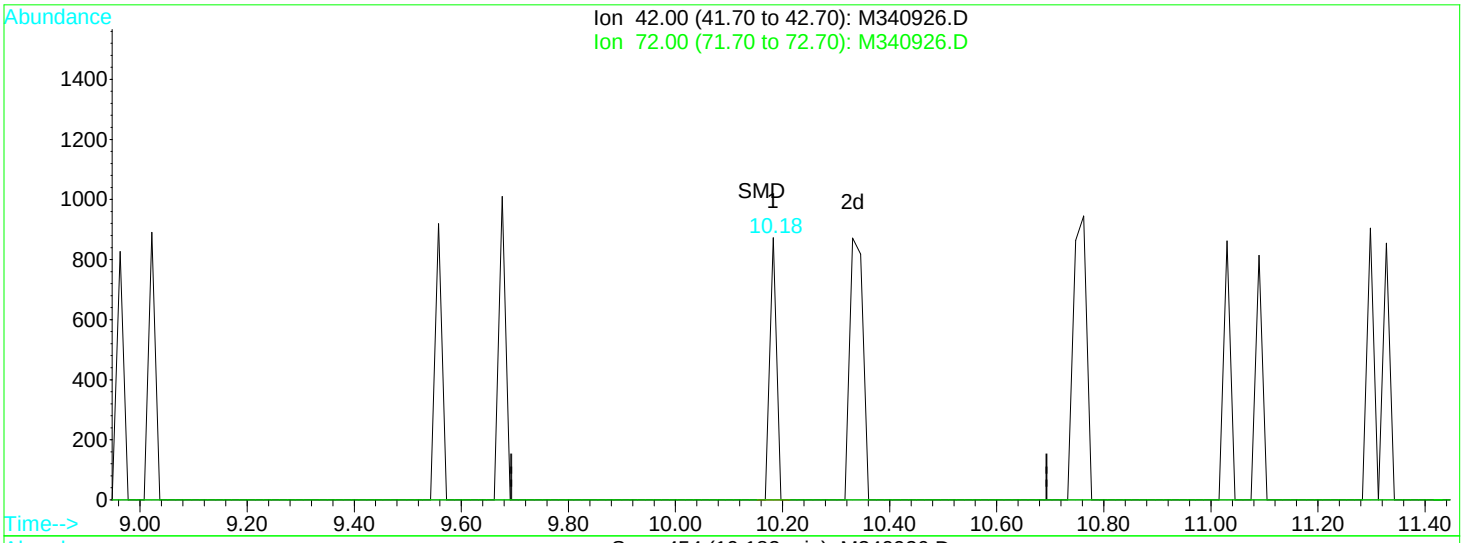
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

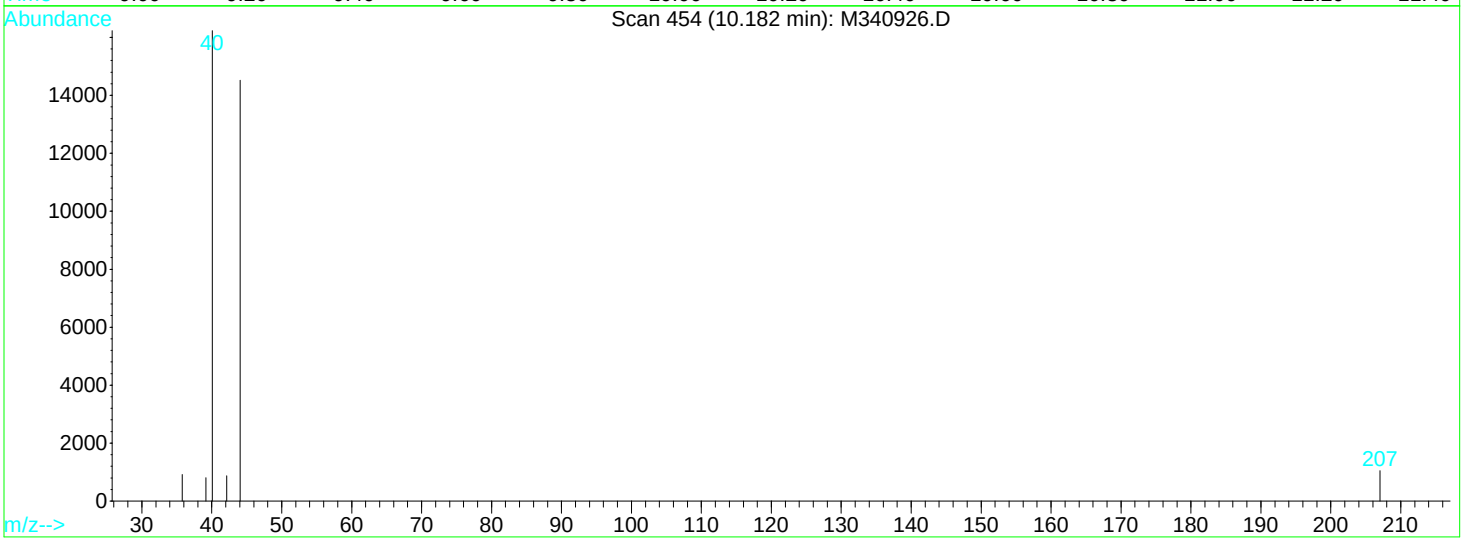


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340926.D Vial: 7
Acq On : 12 Aug 2010 11:30 am Operator: MD
Sample : CH01208-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:59 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340926.D

(32) Tetrahydrofuran

10.18min 0.10ug/l

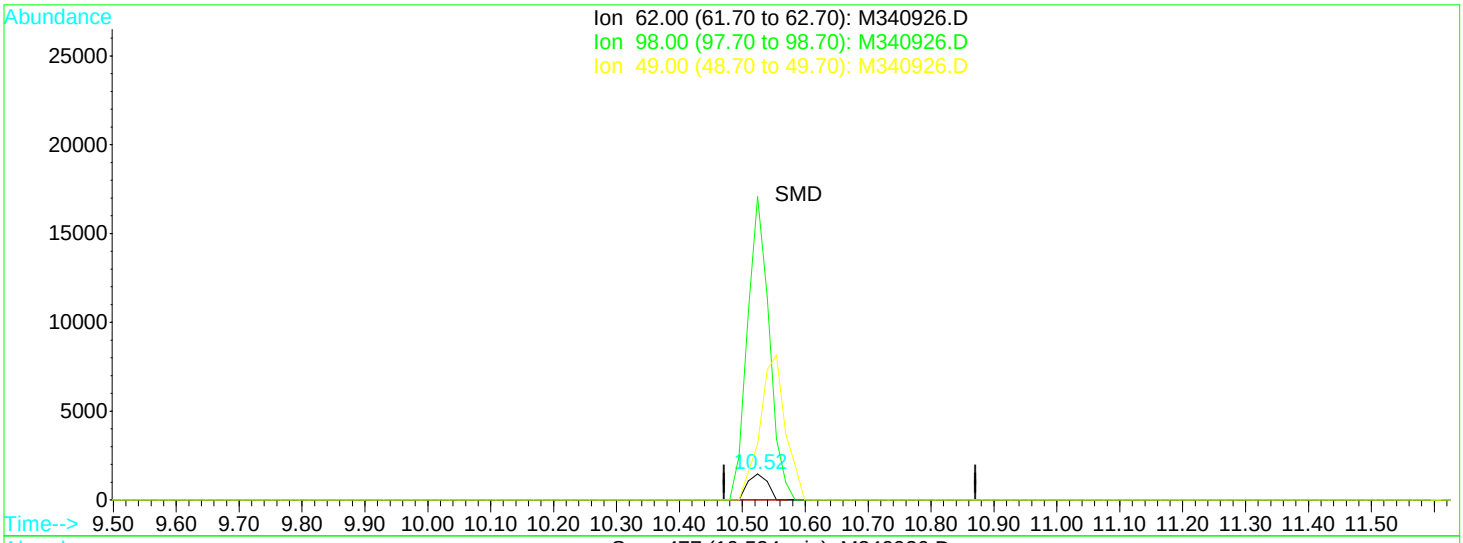
response 779

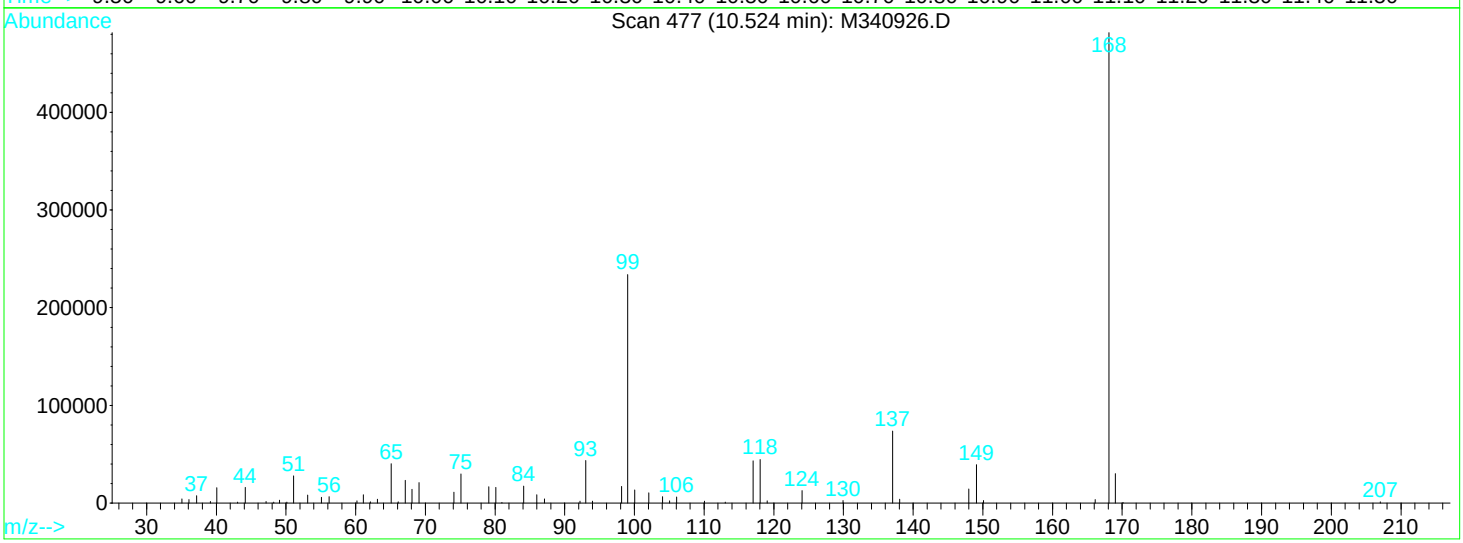
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340926.D Vial: 7
Acq On : 12 Aug 2010 11:30 am Operator: MD
Sample : CH01208-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:59 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340926.D

(42) 1,2-Dichloroethane

10.52min 0.11ug/l

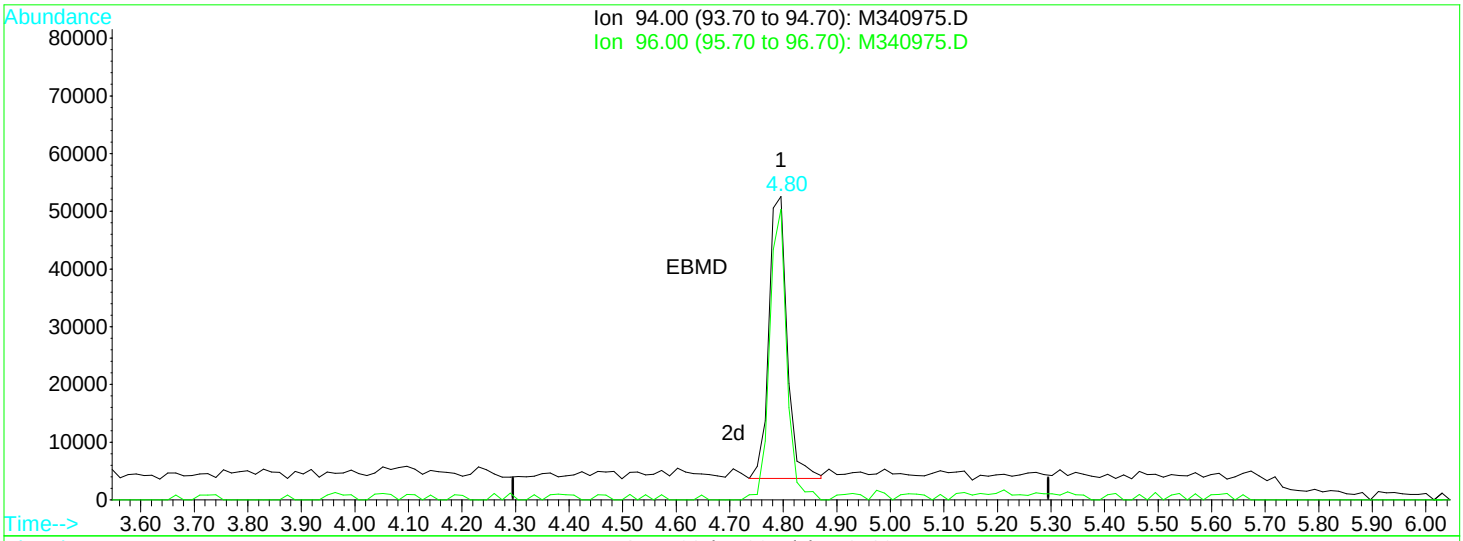
response 3189

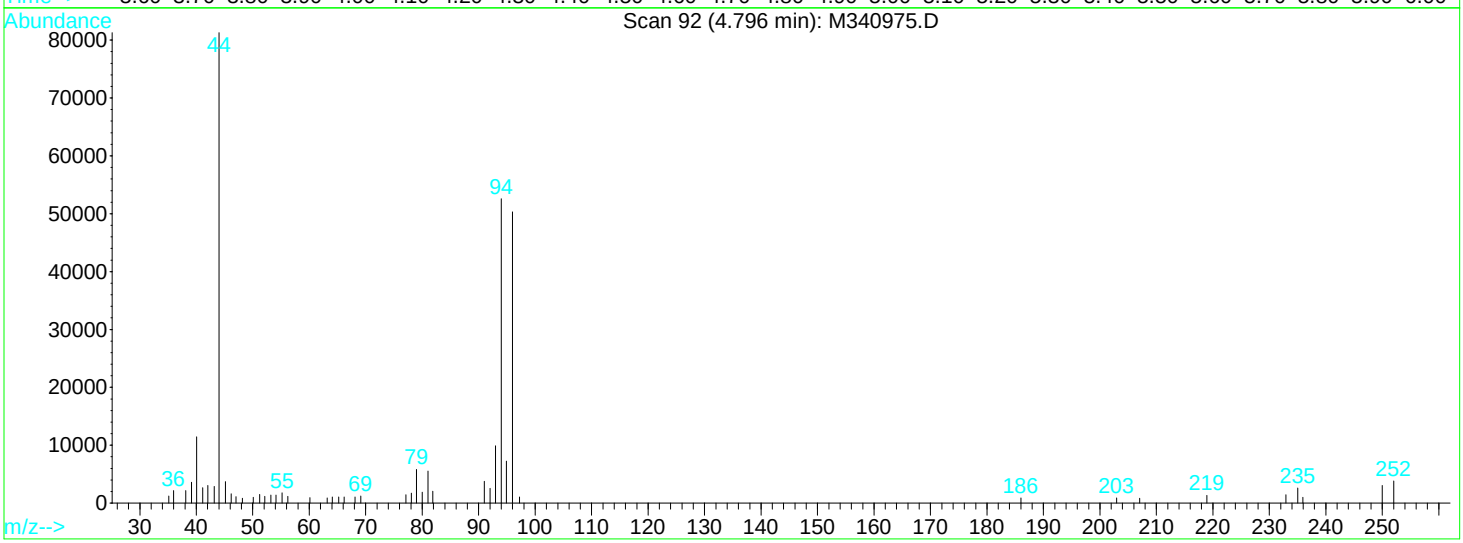
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	1177.67#
49.00	39.80	215.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340975.D Vial: 3
Acq On : 16 Aug 2010 9:26 am Operator: MD
Sample : CH01616-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 9:58 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340975.D

(5) Bromomethane

4.80min 6.87ug/l

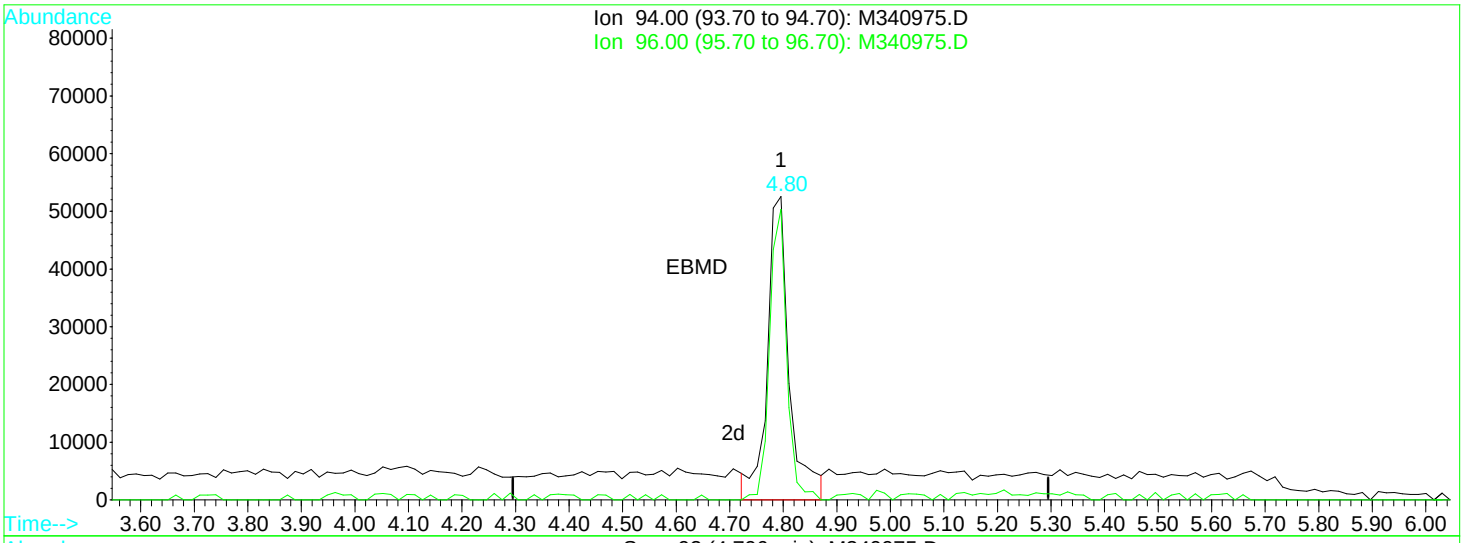
response 117303

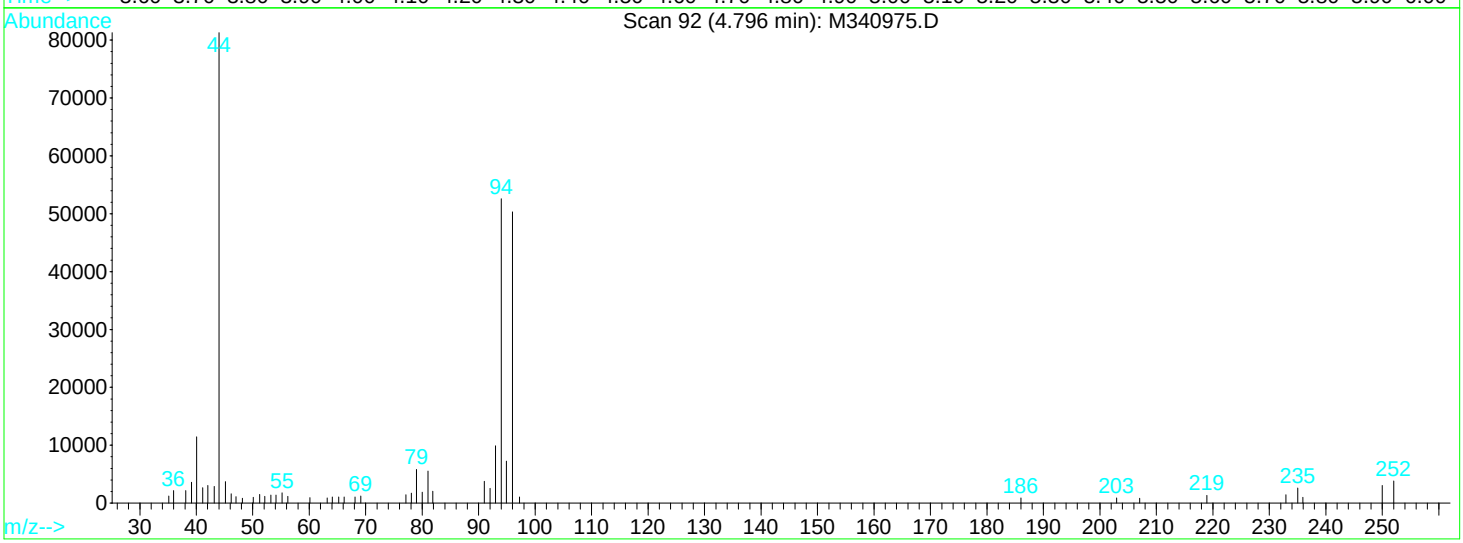
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	95.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340975.D Vial: 3
Acq On : 16 Aug 2010 9:26 am Operator: MD
Sample : CH01616-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:09 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340975.D

(5) Bromomethane

4.80min 8.81ug/l m

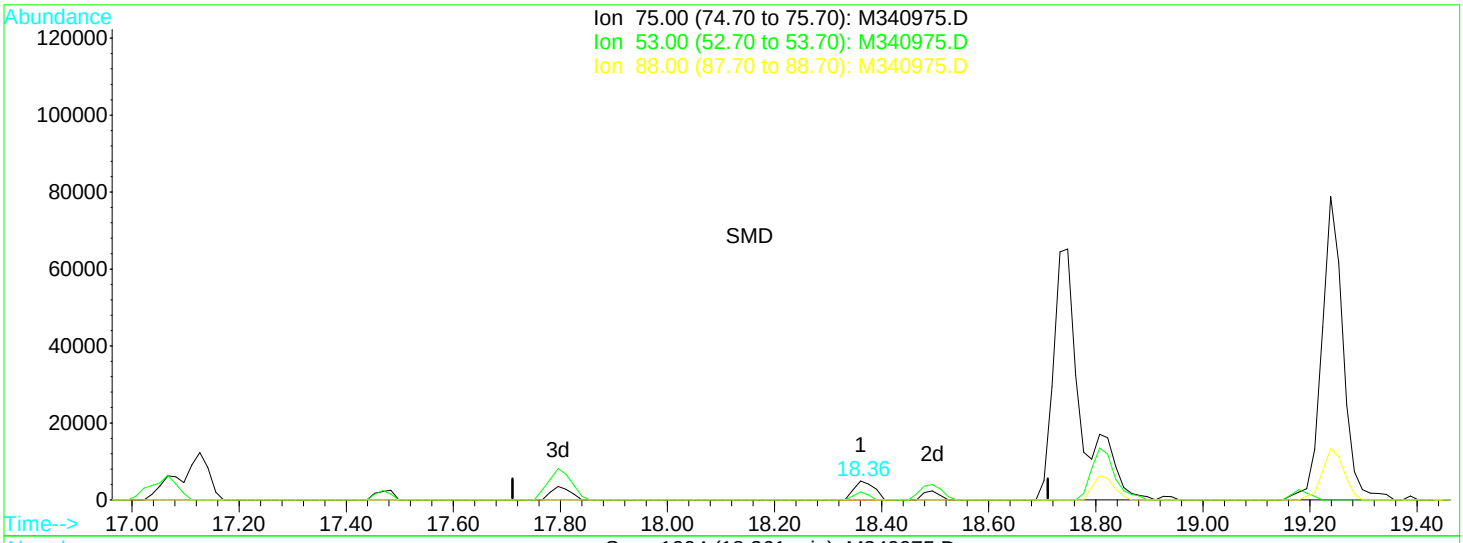
response 150253

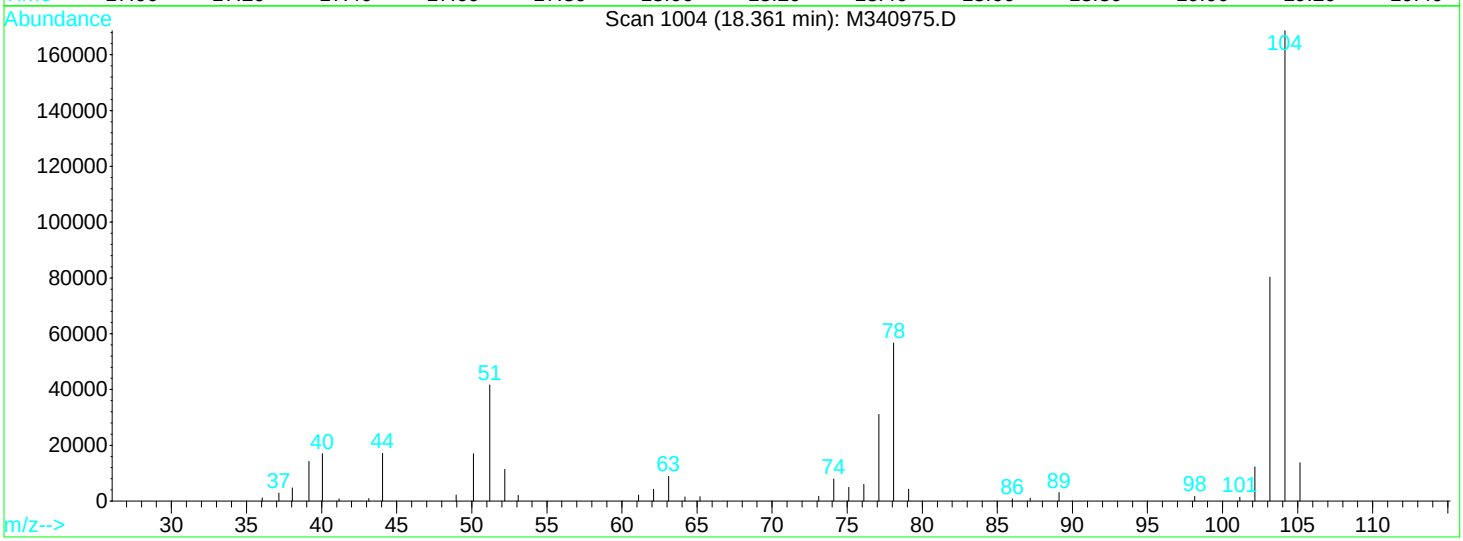
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	95.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340975.D Vial: 3
Acq On : 16 Aug 2010 9:26 am Operator: MD
Sample : CH01616-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:09 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340975.D

(74) cis-1,4-Dichloro-2-butene

18.36min 3.91ug/l

response 12697

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	42.72#
88.00	80.40	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340975.D Vial: 3
Acq On : 16 Aug 2010 9:26 am Operator: MD
Sample : CH01616-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:09 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1076187	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1509503	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.47	152	584559	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	790168	26.12	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.48%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	533725	24.71	ug/l	0.00
Spiked Amount 25.000			Recovery = 98.84%			
59) Toluene-d8 (SURR)	14.70	98	1934982	27.18	ug/l	-0.01
Spiked Amount 25.000			Recovery = 108.72%			
75) Bromofluorobenzene (SURR)	19.24	95	617805	25.64	ug/l	-0.01
Spiked Amount 25.000			Recovery = 102.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	163738	7.99	ug/l	100
3) Chloromethane	3.87	50	227314	7.86	ug/l	100
4) Vinyl Chloride	4.16	62	202853	8.96	ug/l	100
5) Bromomethane	4.80	94	150253m	8.81	ug/l	
6) Chloroethane	5.02	64	125585	9.43	ug/l	94
7) Trichlorofluoromethane	5.93	101	295138	8.17	ug/l	96
8) Diethyl ether	6.34	59	178003	10.59	ug/l	97
9) Acrolein	5.94	56	38966	12.36	ug/l	95
10) Acetone	6.15	43	470351	72.33	ug/l	98
11) Iodomethane	6.80	142	154954	5.93	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	194491	9.91	ug/l	96
13) Methyl Acetate	7.15	43	188718	7.93	ug/l	99
14) Allyl Chloride	7.16	41	353777	9.55	ug/l	99
15) Carbon Disulfide	7.31	76	784128	11.71	ug/l	100
16) 1,1-Dichloroethene	6.76	96	223147	9.91	ug/l	97
17) Methylene Chloride	7.01	84	289761	9.82	ug/l	95
18) Methyl tert-Butyl Ether	8.26	73	459892	8.75	ug/l	93
19) Acrylonitrile	6.92	53	84583	9.94	ug/l	89
20) trans-1,2-Dichloroethene	8.05	96	237460	8.82	ug/l	88
21) 1,1-Dichloroethane	8.44	63	377484	9.48	ug/l	100
22) Vinyl Acetate	8.71	43	512690	11.18	ug/l	99
23) Chloroprene	9.17	53	4377	0.17	ug/l #	1
24) 2-Butanone	9.17	43	1009212	56.00	ug/l	100
25) Di-isopropyl ether	9.18	45	831850	9.56	ug/l	86
26) Methacrylonitrile	9.30	41	159407	9.31	ug/l	97
27) cis-1,2 Dichloroethene	9.33	96	296421	9.95	ug/l	98
28) Methyl Acrylate	9.79	55	215456	9.73	ug/l	98
29) Ethyl tertiary-butyl ether	9.79	59	574199	8.86	ug/l	99
30) 2,2-Dichloropropane	9.76	77	223822	9.64	ug/l	82
31) Bromochloromethane	9.57	128	162797	9.51	ug/l #	82
32) Tetrahydrofuran	10.21	42	76994	11.17	ug/l	96
33) Chloroform	9.66	83	375310	9.37	ug/l	98
35) 1-Chlorobutane	10.80	56	346663	9.21	ug/l	99
36) 1,1,1-Trichloroethane	10.80	97	262265	9.44	ug/l	98
37) 1,1-Dichloropropene	11.12	75	234958	9.20	ug/l	97
38) Cyclohexane	11.24	56	228730	9.82	ug/l	95
39) Carbon Tetrachloride	11.37	117	223202	9.99	ug/l	99
40) Benzene	11.44	78	868756	9.68	ug/l	100
42) 1,2-Dichloroethane	10.67	62	237323	9.19	ug/l	99
43) Tertiary-amyl methyl ether	11.73	73	473540	8.60	ug/l	94
44) Trichloroethene	12.46	95	234211	9.44	ug/l	95
45) 1,2-Dichloropropane	12.40	63	235726	9.82	ug/l	99
46) Dibromomethane	12.32	93	197440	9.29	ug/l	91

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340975.D Vial: 3
Acq On : 16 Aug 2010 9:26 am Operator: MD
Sample : CH01616-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:09 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

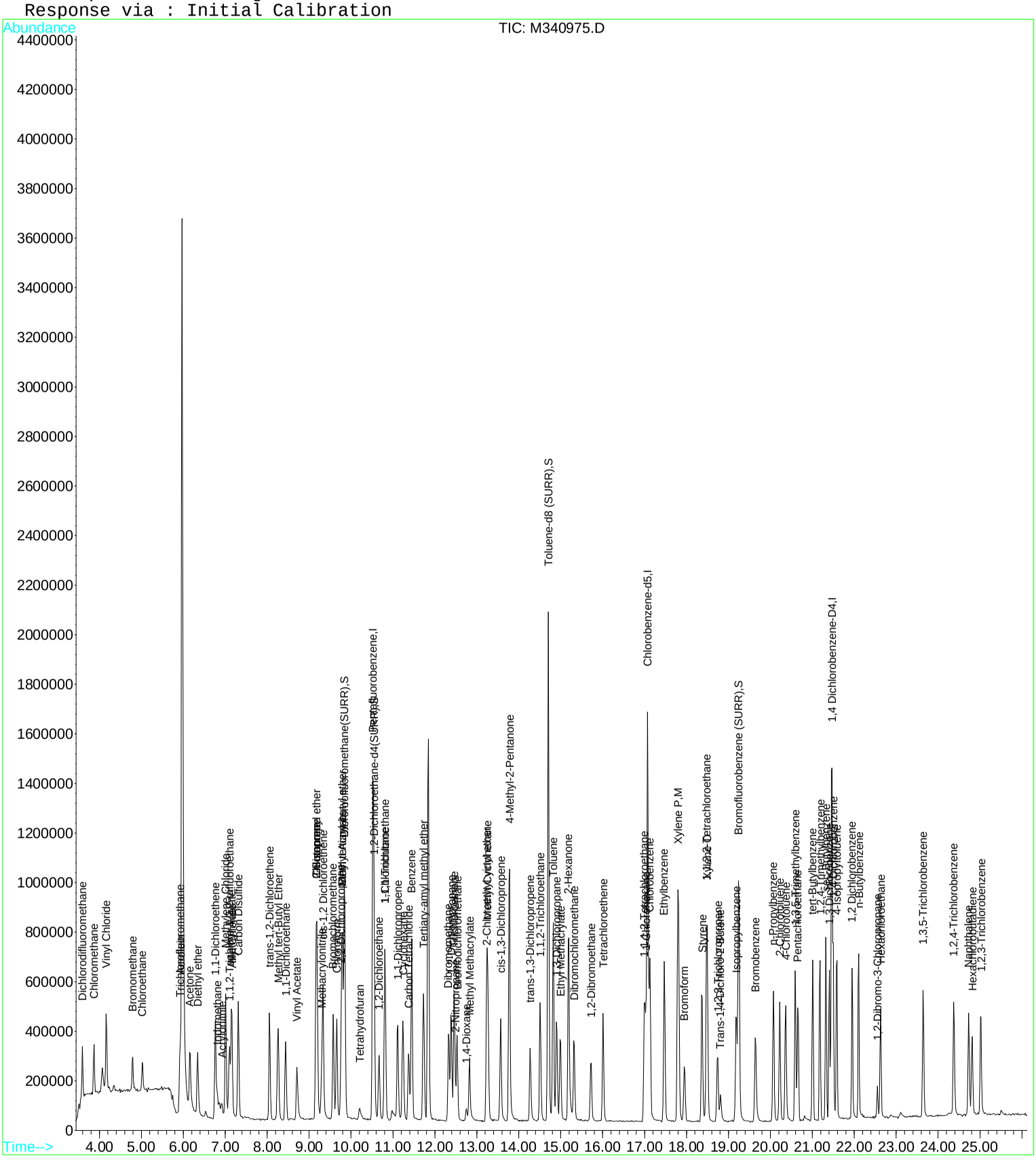
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	2-Nitropropane	12.49	43	57275	11.47 ug/l	83
48)	Bromodichloromethane	12.53	83	283993	9.74 ug/l	99
49)	1,4-Dioxane	12.75	88	65052	352.65 ug/l	94
50)	Methyl Methacrylate	12.83	41	181604	8.65 ug/l	98
51)	2-Chloroethyl vinyl ether	13.23	63	287486	31.86 ug/l	92
52)	Methyl Cyclohexane	13.26	83	237345	10.93 ug/l	98
53)	4-Methyl-2-Pentanone	13.78	58	411722	47.01 ug/l	96
54)	cis-1,3-Dichloropropene	13.57	75	310843	9.61 ug/l	96
55)	trans-1,3-Dichloropropene	14.27	75	220315	8.83 ug/l	99
56)	1,1,2-Trichloroethane	14.51	83	197608	9.54 ug/l	96
57)	Toluene	14.82	92	509574	9.83 ug/l	99
60)	Ethyl Methacrylate	15.00	69	248198	10.07 ug/l	97
61)	2-Hexanone	15.18	43	943554	58.76 ug/l	94
62)	1,3-Dichloropropane	14.90	76	352537	10.04 ug/l	97
63)	Tetrachloroethene	16.01	164	141496	9.66 ug/l	95
64)	Dibromochloromethane	15.33	129	267995	10.72 ug/l	97
65)	1,2-Dibromoethane	15.73	107	266351	9.88 ug/l	94
66)	1-Chlorohexane	17.04	91	185548	9.81 ug/l	98
67)	Chlorobenzene	17.13	112	572423	9.81 ug/l	95
68)	1,1,1,2-Tetrachloroethane	16.99	131	189668	9.77 ug/l	93
69)	Ethylbenzene	17.47	91	698726	9.54 ug/l	99
70)	Xylene P,M	17.80	106	578074	19.85 ug/l	98
71)	Xylene O	18.49	106	288884	9.54 ug/l	100
72)	Styrene	18.38	104	474876	9.18 ug/l	99
73)	Bromoform	17.94	173	167623	11.30 ug/l	96
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	40491	8.96 ug/l	93
78)	1,2,3-Trichloropropane	18.75	75	195773	9.62 ug/l	96
79)	Isopropylbenzene	19.19	105	518308	8.48 ug/l	99
80)	Bromobenzene	19.64	156	214068	9.82 ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.48	83	294856	9.63 ug/l	99
82)	n-Propylbenzene	20.07	91	658446	9.85 ug/l	94
83)	2-Chlorotoluene	20.22	91	440344	9.97 ug/l	97
84)	4-Chlorotoluene	20.37	91	448342	9.63 ug/l	96
85)	1,3,5-Trimethylbenzene	20.59	105	482062	10.11 ug/l	97
86)	Pentachloroethane	20.65	119	128764	10.90 ug/l	93
87)	tert-Butylbenzene	21.01	119	416759	10.67 ug/l	96
88)	1,2,4-Trimethylbenzene	21.19	105	505667	9.89 ug/l	97
89)	sec-Butylbenzene	21.32	105	681312	11.04 ug/l	95
90)	1,3 Dichlorobenzene	21.41	146	330082	10.01 ug/l	97
91)	4-Isopropyltoluene	21.59	119	531833	10.39 ug/l	96
92)	1,4 Dichlorobenzene	21.50	146	368122	10.19 ug/l	96
93)	n-Butylbenzene	22.11	91	503985	11.24 ug/l	98
94)	1,2 Dichlorobenzene	21.95	146	344700	10.43 ug/l	93
95)	1,2-Dibromo-3-Chloropropan	22.56	75	34262	10.07 ug/l	90
96)	Hexachloroethane	22.63	117	121697	12.04 ug/l	91
97)	1,3,5-Trichlorobenzene	23.64	180	238995	10.97 ug/l	96
98)	1,2,4-Trichlorobenzene	24.37	180	222894	11.04 ug/l	98
99)	Hexachlorobutadiene	24.82	225	97932	10.52 ug/l	96
100)	Naphthalene	24.73	128	504460	10.60 ug/l	100
101)	1,2,3-Trichlorobenzene	25.02	180	216904	11.86 ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340975.D Vial: 3
Acq On : 16 Aug 2010 9:26 am Operator: MD
Sample : CH01616-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:09 2010 Quant Results File: AQ071210.RES

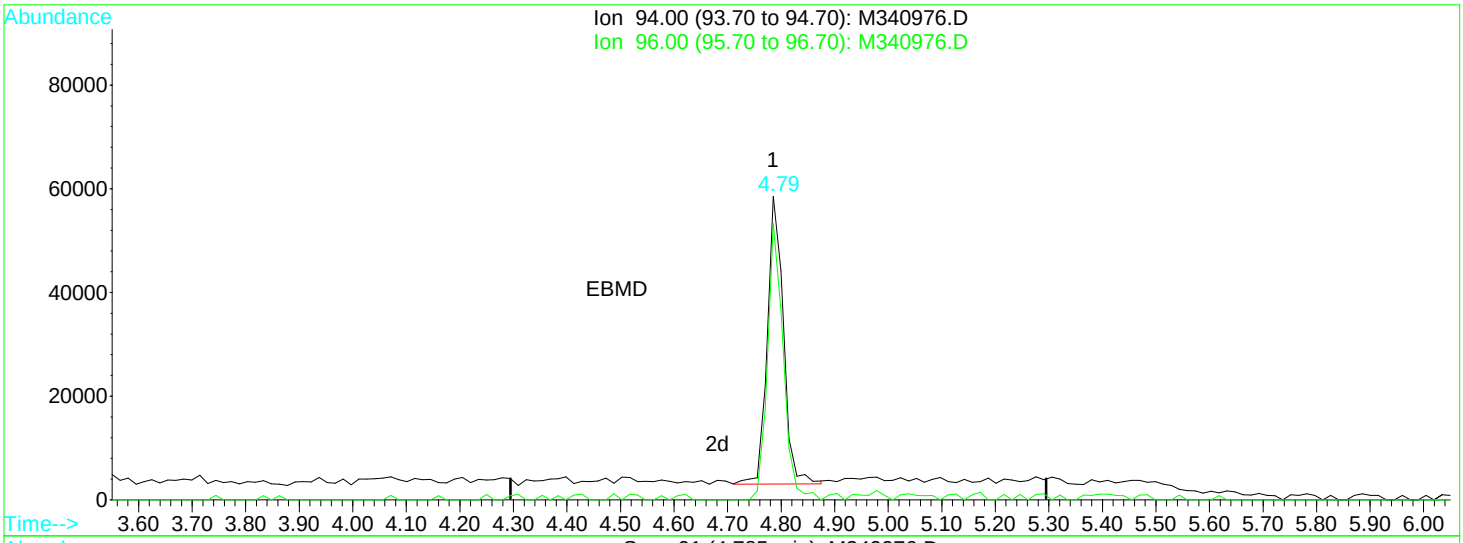
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

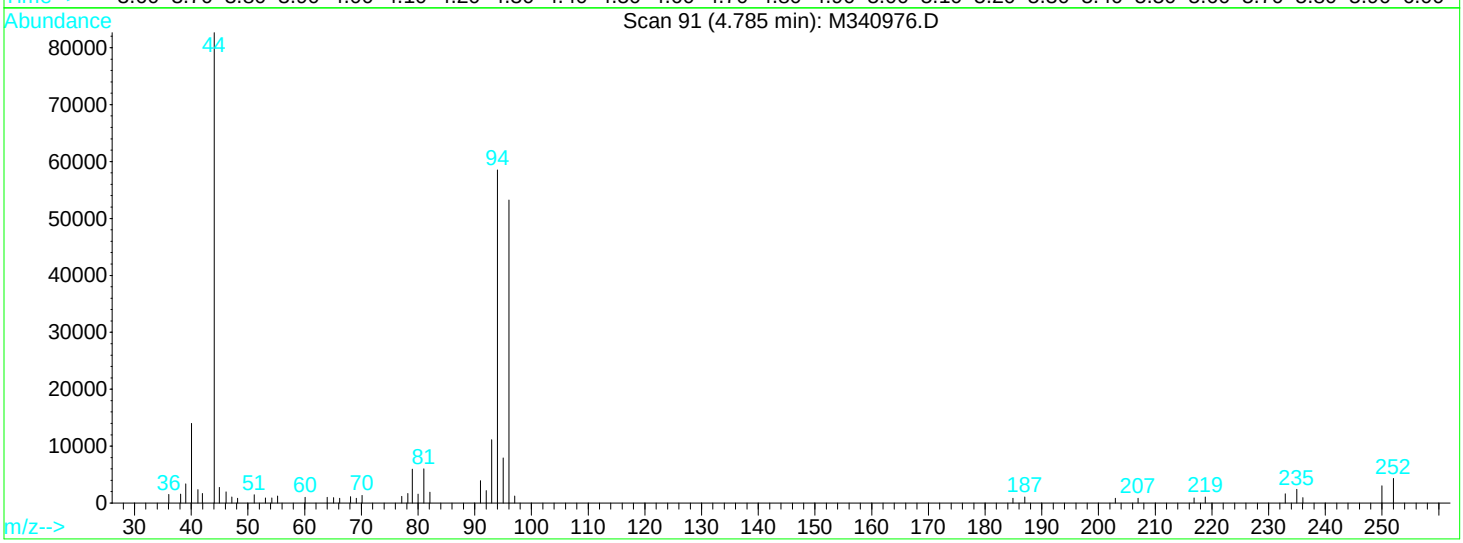


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340976.D Vial: 4
Acq On : 16 Aug 2010 9:58 am Operator: MD
Sample : CH01616-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:30 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340976.D

(5) Bromomethane

4.79min 6.84ug/l

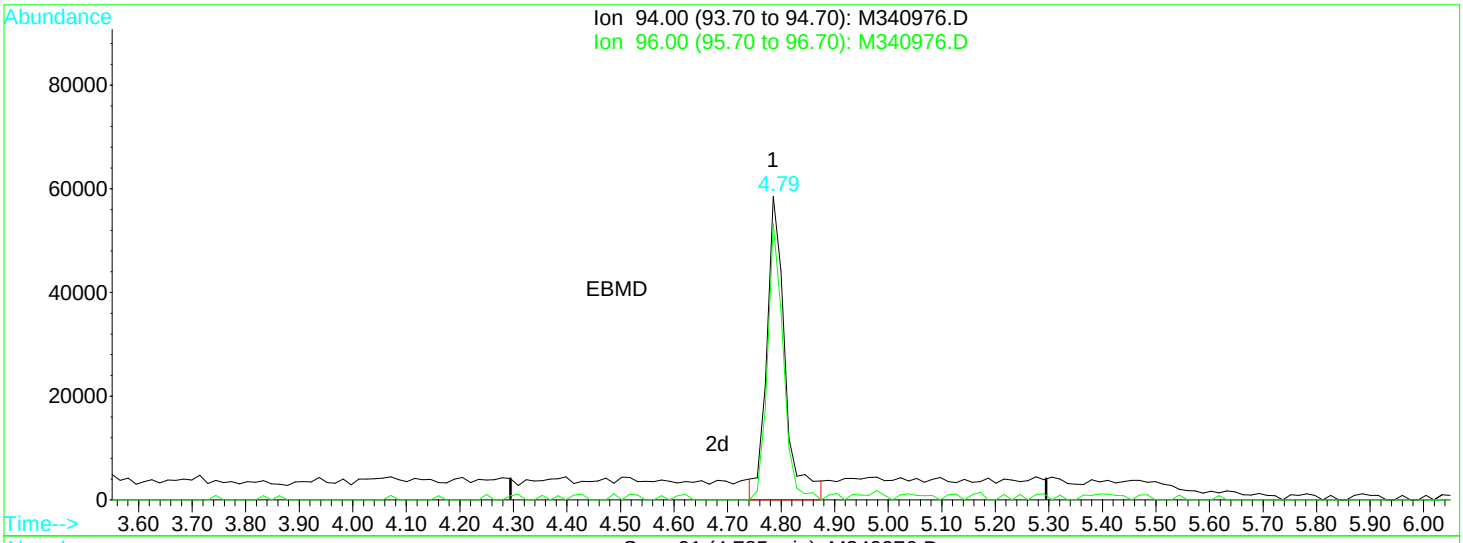
response 117468

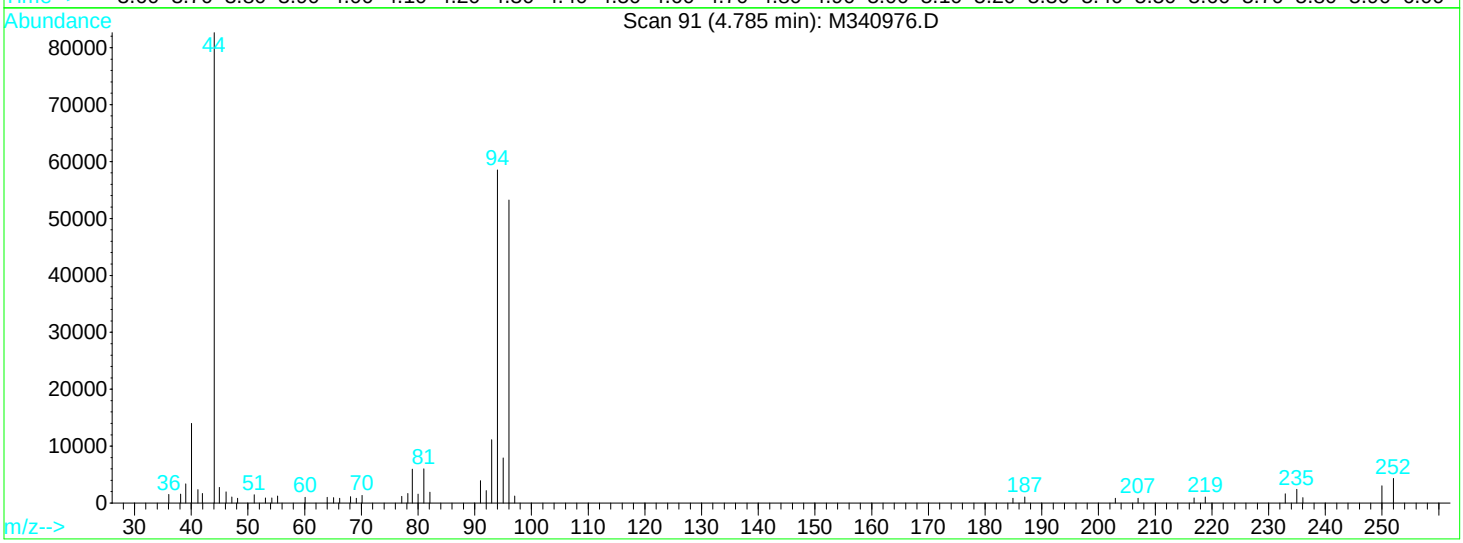
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	90.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340976.D Vial: 4
Acq On : 16 Aug 2010 9:58 am Operator: MD
Sample : CH01616-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340976.D

(5) Bromomethane

4.79min 8.19ug/l m

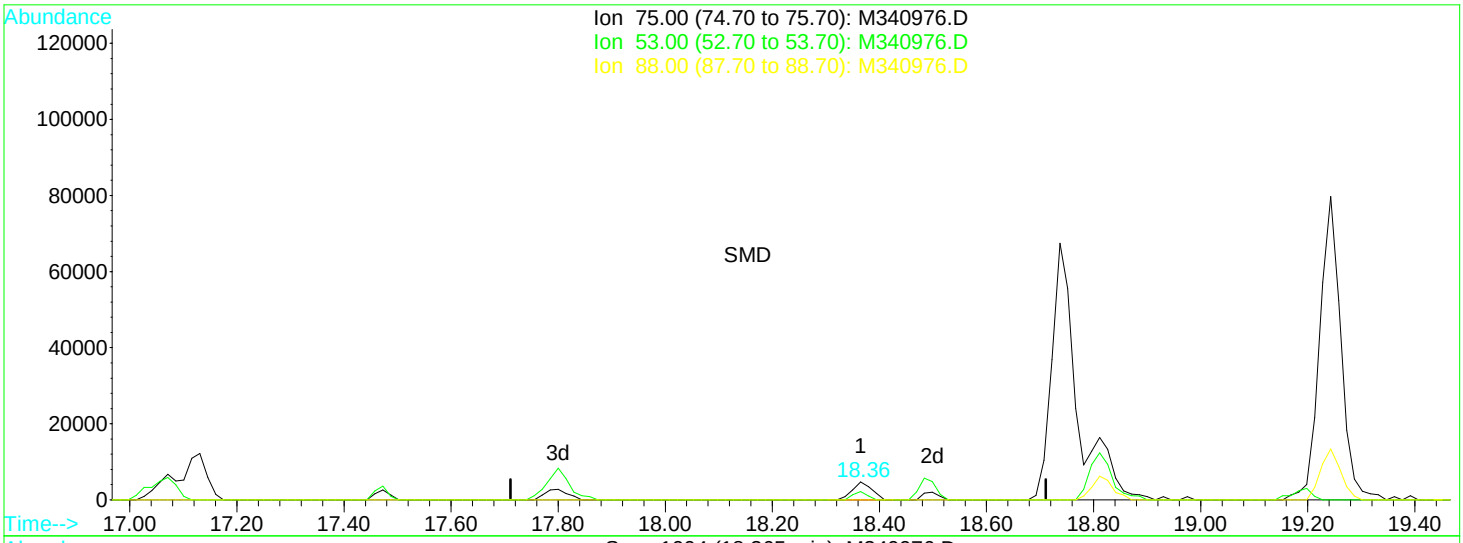
response 140693

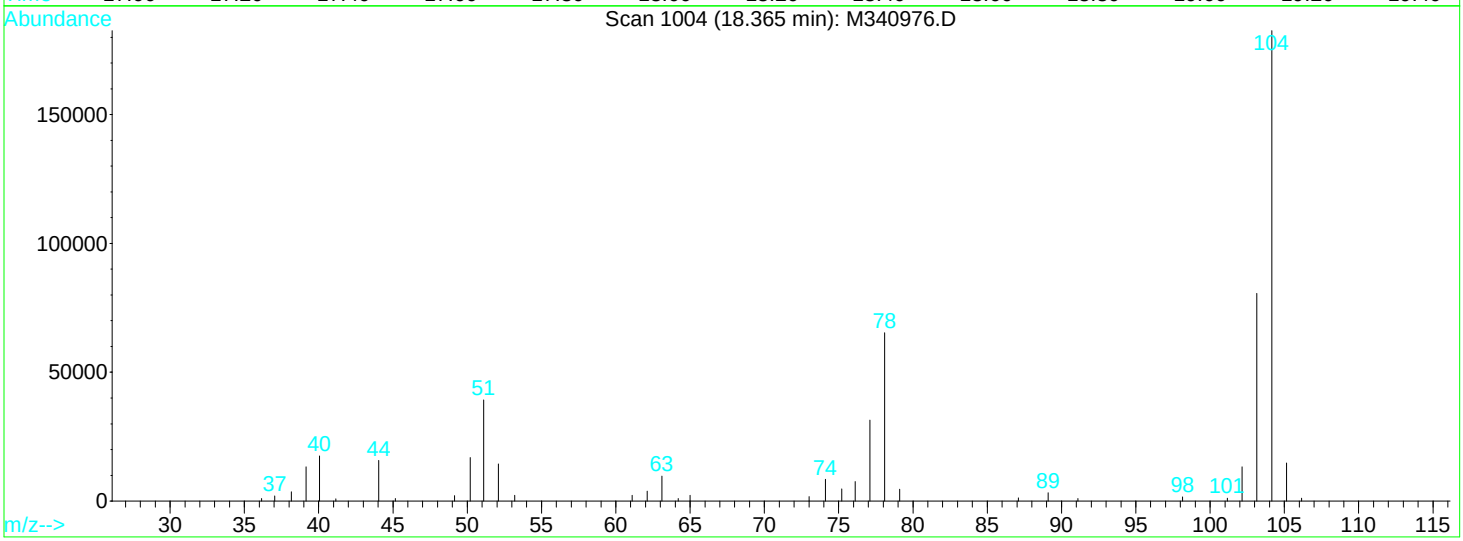
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	90.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340976.D Vial: 4
Acq On : 16 Aug 2010 9:58 am Operator: MD
Sample : CH01616-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340976.D

(74) cis-1,4-Dichloro-2-butene

18.36min 3.77ug/l

response 11937

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	46.39#
88.00	80.40	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340976.D Vial: 4
Acq On : 16 Aug 2010 9:58 am Operator: MD
Sample : CH01616-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1083814	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1532758	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.46	152	601405	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	808204	26.53	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.12%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	547852	25.19	ug/l	-0.01
Spiked Amount 25.000			Recovery = 100.76%			
59) Toluene-d8 (SURR)	14.71	98	1987489	27.49	ug/l	-0.01
Spiked Amount 25.000			Recovery = 109.96%			
75) Bromofluorobenzene (SURR)	19.24	95	635728	25.98	ug/l	-0.01
Spiked Amount 25.000			Recovery = 103.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	160304	7.77	ug/l	99
3) Chloromethane	3.86	50	216693	7.44	ug/l	100
4) Vinyl Chloride	4.16	62	205056	8.99	ug/l	98
5) Bromomethane	4.79	94	140693m	8.19	ug/l	
6) Chloroethane	5.02	64	127497	9.51	ug/l	95
7) Trichlorofluoromethane	5.92	101	296441	8.15	ug/l	95
8) Diethyl ether	6.35	59	174300	10.30	ug/l	93
9) Acrolein	5.95	56	34624	10.90	ug/l	98
10) Acetone	6.17	43	329934	50.38	ug/l	93
11) Iodomethane	6.81	142	152541	5.84	ug/l	95
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	199224	10.08	ug/l	95
13) Methyl Acetate	7.15	43	201166	8.39	ug/l	98
14) Allyl Chloride	7.15	41	362899	9.72	ug/l	98
15) Carbon Disulfide	7.31	76	775672	11.50	ug/l	99
16) 1,1-Dichloroethene	6.76	96	227567	10.04	ug/l	96
17) Methylene Chloride	7.02	84	284733	9.58	ug/l	93
18) Methyl tert-Butyl Ether	8.25	73	463317	8.75	ug/l	93
19) Acrylonitrile	6.91	53	85357	9.97	ug/l	97
20) trans-1,2-Dichloroethene	8.06	96	237256	8.75	ug/l	96
21) 1,1-Dichloroethane	8.44	63	383906	9.57	ug/l	97
22) Vinyl Acetate	8.71	43	515694	11.17	ug/l	99
23) Chloroprene	9.16	53	1972	0.08	ug/l #	23
24) 2-Butanone	9.17	43	871329	48.01	ug/l	94
25) Di-isopropyl ether	9.17	45	803474	9.17	ug/l	78
26) Methacrylonitrile	9.29	41	150398	8.72	ug/l	94
27) cis-1,2 Dichloroethene	9.34	96	285975	9.53	ug/l	98
28) Methyl Acrylate	9.80	55	201485	9.03	ug/l	99
29) Ethyl tertiary-butyl ether	9.80	59	566148	8.67	ug/l	99
30) 2,2-Dichloropropane	9.77	77	223066	9.53	ug/l	88
31) Bromochloromethane	9.57	128	164399	9.54	ug/l	91
32) Tetrahydrofuran	10.20	42	71484	10.30	ug/l	99
33) Chloroform	9.66	83	375945	9.32	ug/l	96
35) 1-Chlorobutane	10.81	56	337887	8.92	ug/l	97
36) 1,1,1-Trichloroethane	10.81	97	259644	9.28	ug/l	96
37) 1,1-Dichloropropene	11.11	75	232576	9.05	ug/l	98
38) Cyclohexane	11.24	56	229623	9.79	ug/l	96
39) Carbon Tetrachloride	11.37	117	218193	9.70	ug/l	97
40) Benzene	11.45	78	855034	9.46	ug/l	100
42) 1,2-Dichloroethane	10.66	62	230228	8.85	ug/l	97
43) Tertiary-amyl methyl ether	11.73	73	456656	8.24	ug/l	93
44) Trichloroethene	12.46	95	230790	9.24	ug/l	88
45) 1,2-Dichloropropane	12.39	63	226928	9.39	ug/l	97
46) Dibromomethane	12.33	93	195039	9.11	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340976.D Vial: 4
Acq On : 16 Aug 2010 9:58 am Operator: MD
Sample : CH01616-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

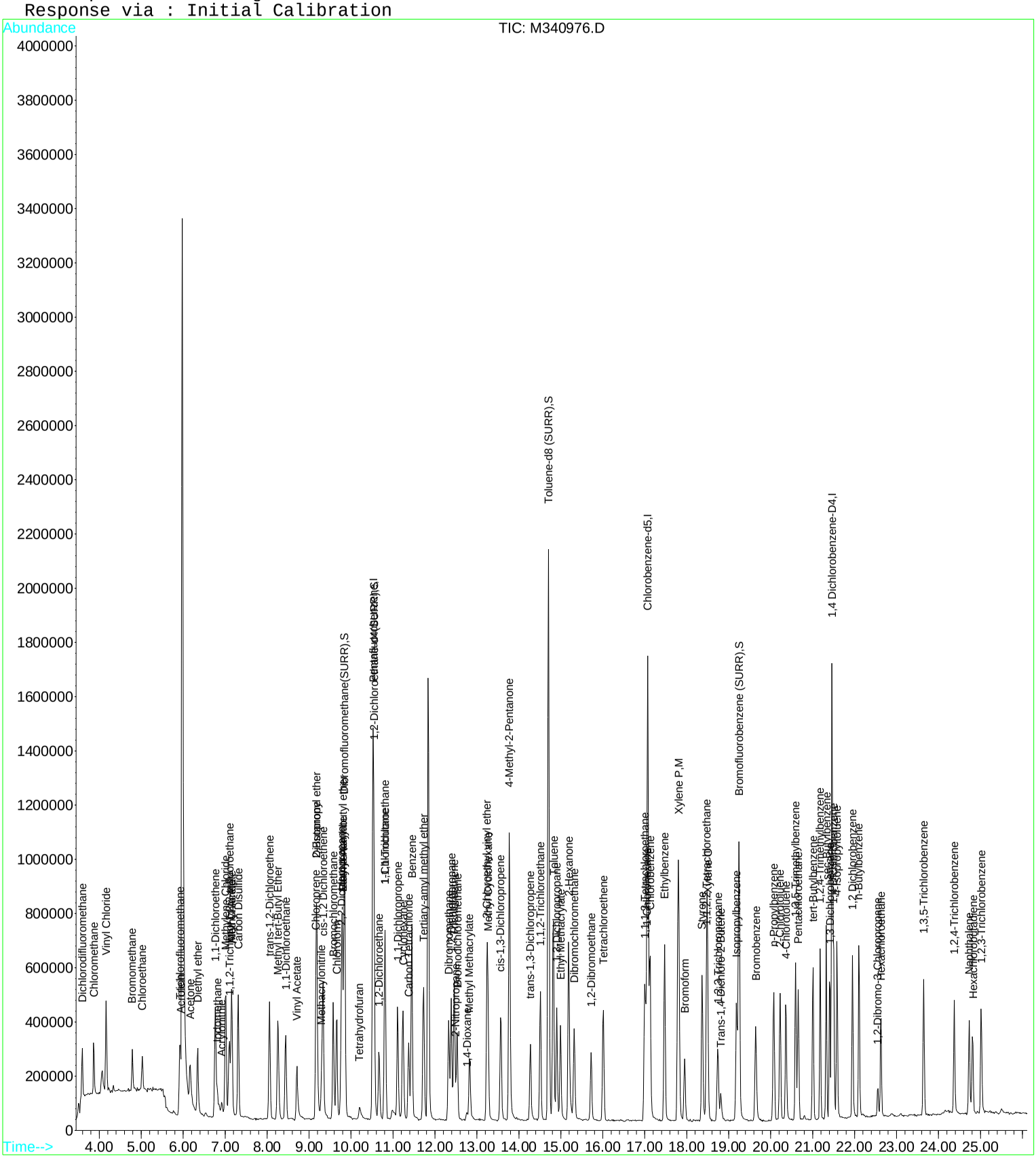
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.49	43	51602	10.26	ug/l		86
48)	Bromodichloromethane	12.53	83	281226	9.58	ug/l		96
49)	1,4-Dioxane	12.76	88	39280	211.44	ug/l		93
50)	Methyl Methacrylate	12.82	41	194343	9.19	ug/l		91
51)	2-Chloroethyl vinyl ether	13.23	63	275304	30.29	ug/l		97
52)	Methyl Cyclohexane	13.26	83	210913	9.64	ug/l		98
53)	4-Methyl-2-Pentanone	13.77	58	391342	44.36	ug/l		95
54)	cis-1,3-Dichloropropene	13.56	75	301768	9.26	ug/l		99
55)	trans-1,3-Dichloropropene	14.27	75	215472	8.58	ug/l		94
56)	1,1,2-Trichloroethane	14.51	83	196622	9.43	ug/l		99
57)	Toluene	14.82	92	491072	9.40	ug/l		100
60)	Ethyl Methacrylate	14.99	69	240385	9.60	ug/l		89
61)	2-Hexanone	15.18	43	773898	47.46	ug/l		94
62)	1,3-Dichloropropane	14.90	76	335674	9.41	ug/l		100
63)	Tetrachloroethene	16.01	164	148055	9.95	ug/l		92
64)	Dibromochloromethane	15.32	129	259713	10.23	ug/l		97
65)	1,2-Dibromoethane	15.72	107	258183	9.44	ug/l		99
66)	1-Chlorohexane	17.04	91	178259	9.28	ug/l		95
67)	Chlorobenzene	17.13	112	573251	9.68	ug/l		95
68)	1,1,1,2-Tetrachloroethane	17.00	131	192574	9.77	ug/l		98
69)	Ethylbenzene	17.47	91	691030	9.30	ug/l		99
70)	Xylene P,M	17.80	106	567521	19.19	ug/l		99
71)	Xylene O	18.50	106	286385	9.32	ug/l		88
72)	Styrene	18.36	104	462876	8.81	ug/l		95
73)	Bromoform	17.95	173	164063	10.98	ug/l		97
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	36533	8.11	ug/l		95
78)	1,2,3-Trichloropropane	18.74	75	194098	9.28	ug/l		100
79)	Isopropylbenzene	19.18	105	493414	7.84	ug/l		100
80)	Bromobenzene	19.64	156	208227	9.29	ug/l		95
81)	1,1,2,2-Tetrachloroethane	18.47	83	283191	8.99	ug/l		99
82)	n-Propylbenzene	20.08	91	614254	8.93	ug/l		88
83)	2-Chlorotoluene	20.22	91	419018	9.22	ug/l		99
84)	4-Chlorotoluene	20.36	91	435065	9.08	ug/l		95
85)	1,3,5-Trimethylbenzene	20.60	105	462180	9.43	ug/l		98
86)	Pentachloroethane	20.66	119	124250	10.22	ug/l		94
87)	tert-Butylbenzene	21.01	119	378510	9.42	ug/l		92
88)	1,2,4-Trimethylbenzene	21.18	105	481422	9.15	ug/l		100
89)	sec-Butylbenzene	21.32	105	630529	9.93	ug/l		96
90)	1,3 Dichlorobenzene	21.41	146	315442	9.29	ug/l		96
91)	4-Isopropyltoluene	21.58	119	493639	9.37	ug/l		98
92)	1,4 Dichlorobenzene	21.50	146	348842	9.38	ug/l		98
93)	n-Butylbenzene	22.10	91	468233	10.15	ug/l		97
94)	1,2 Dichlorobenzene	21.95	146	320263	9.42	ug/l		95
95)	1,2-Dibromo-3-Chloropropan	22.54	75	31954	9.13	ug/l	#	76
96)	Hexachloroethane	22.62	117	110643	10.64	ug/l		95
97)	1,3,5-Trichlorobenzene	23.65	180	224578	10.02	ug/l		96
98)	1,2,4-Trichlorobenzene	24.37	180	201855	9.72	ug/l		98
99)	Hexachlorobutadiene	24.82	225	93106	9.73	ug/l		96
100)	Naphthalene	24.73	128	436633	8.92	ug/l		100
101)	1,2,3-Trichlorobenzene	25.01	180	191560	10.18	ug/l		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340976.D Vial: 4
Acq On : 16 Aug 2010 9:58 am Operator: MD
Sample : CH01616-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: AQ071210.RES

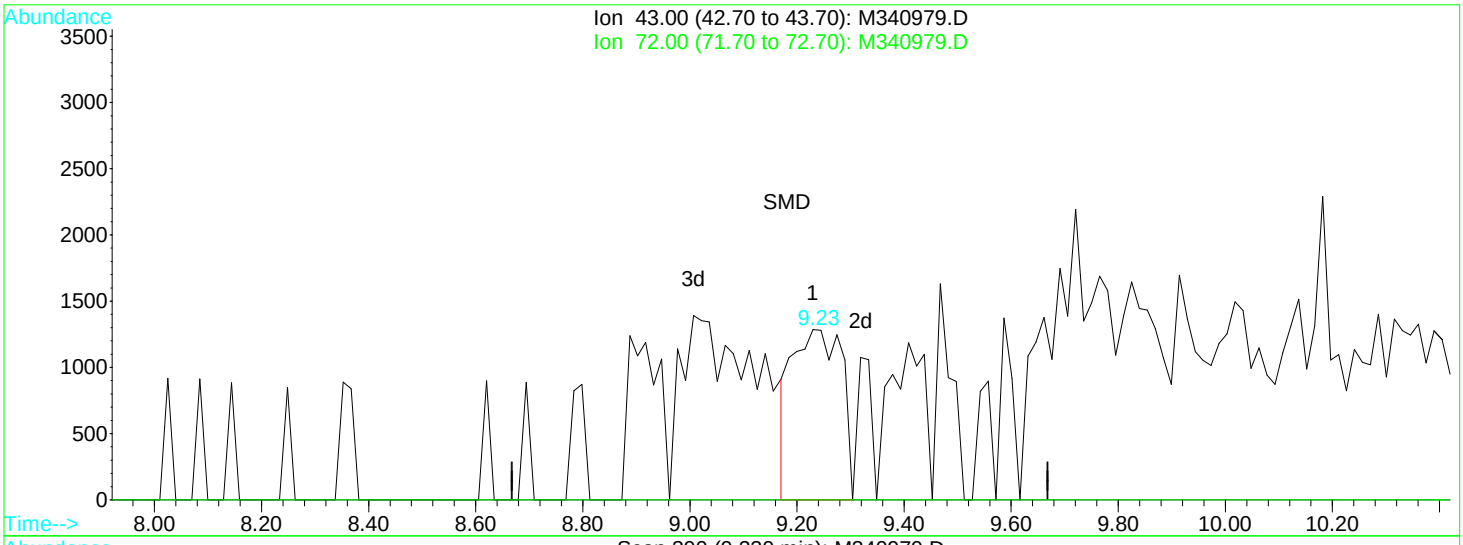
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration

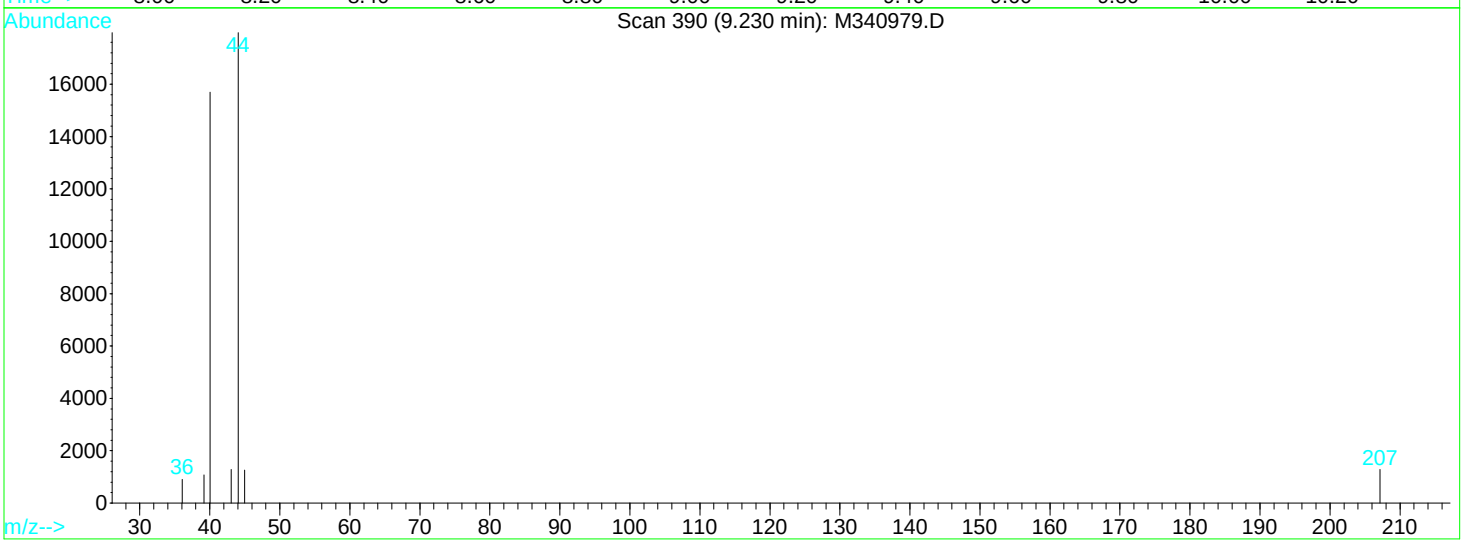


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(24) 2-Butanone

9.23min 0.41ug/l

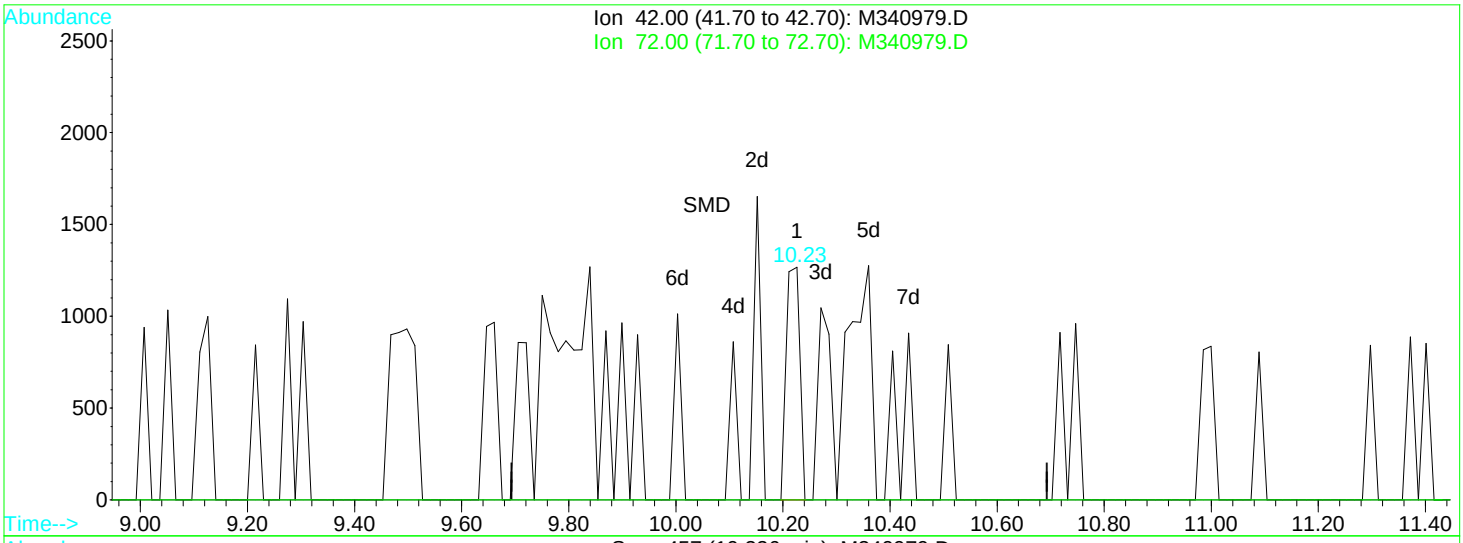
response 8264

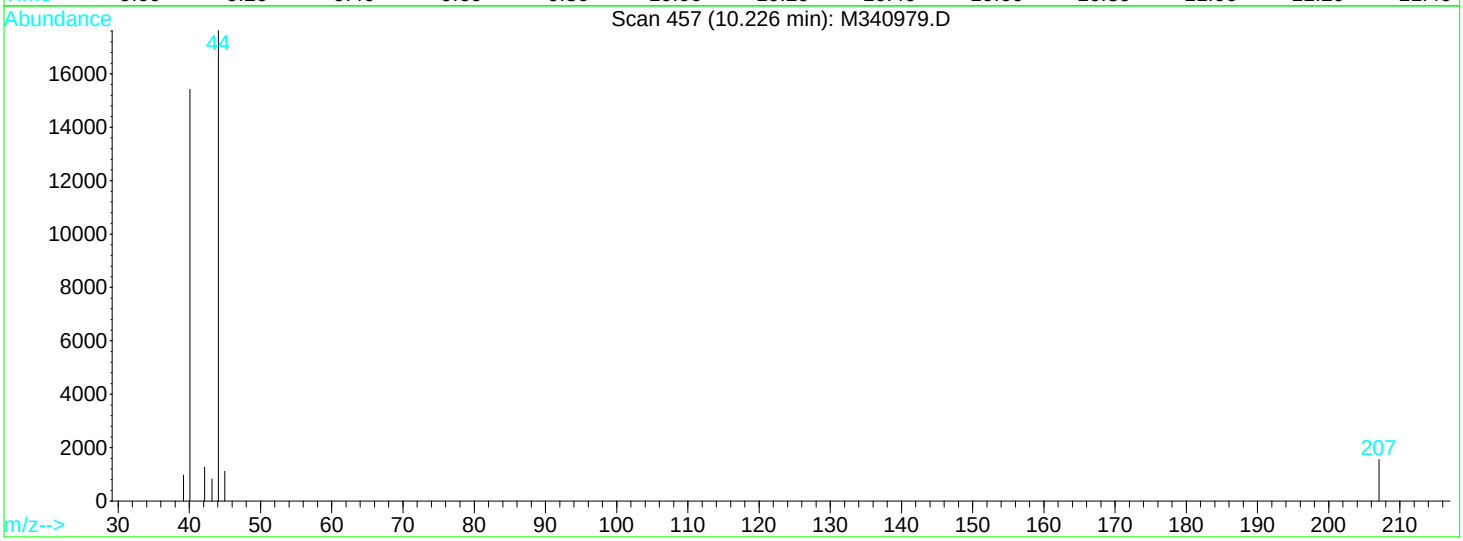
Ion	Exp%	Act%
43.00	100	100
72.00	13.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:10 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(32) Tetrahydrofuran

10.23min 0.29ug/l

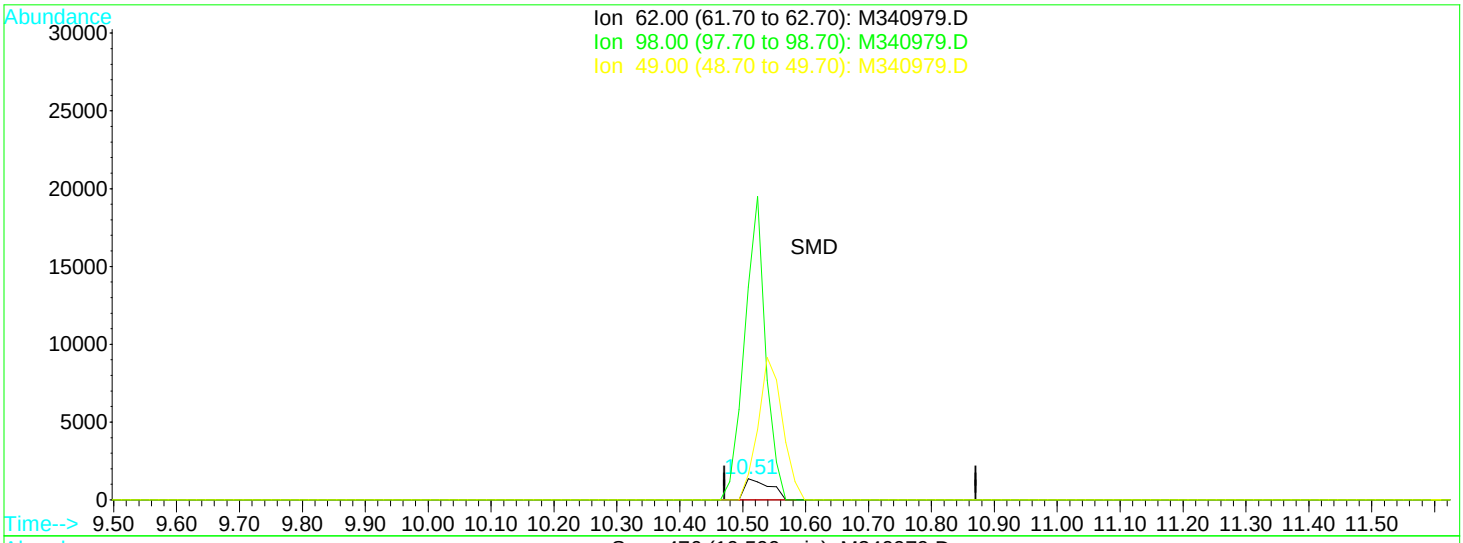
response 2240

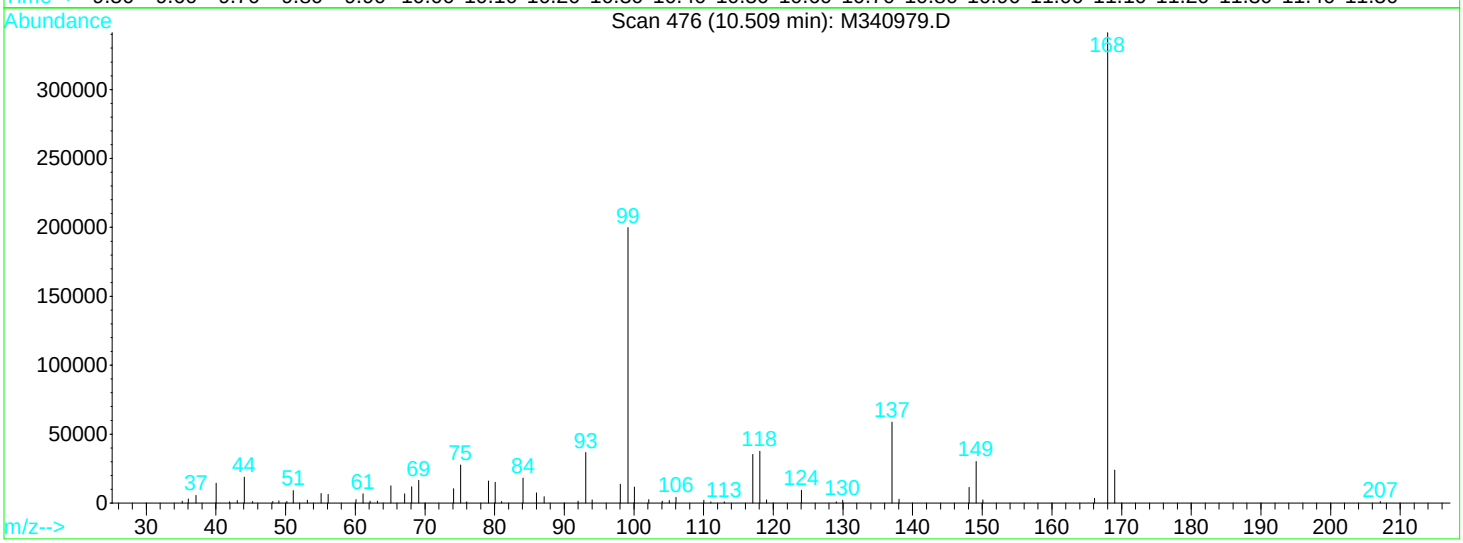
Ion	Exp%	Act%
42.00	100	100
72.00	34.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(42) 1,2-Dichloroethane

10.51min 0.13ug/l

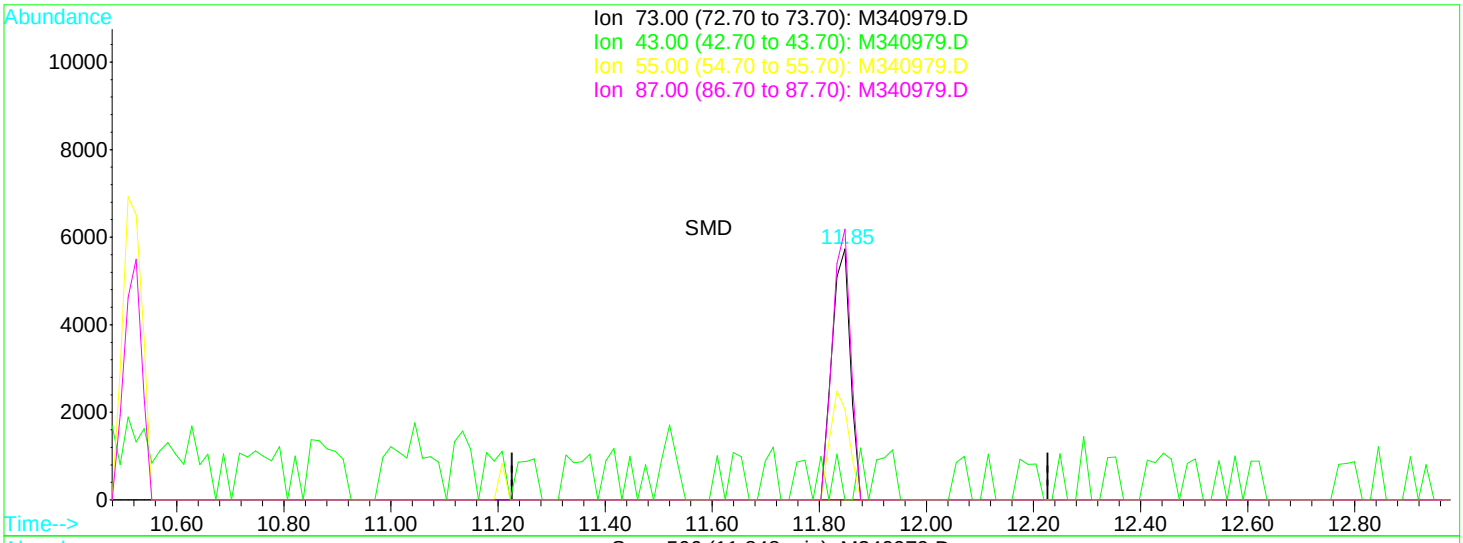
response 3769

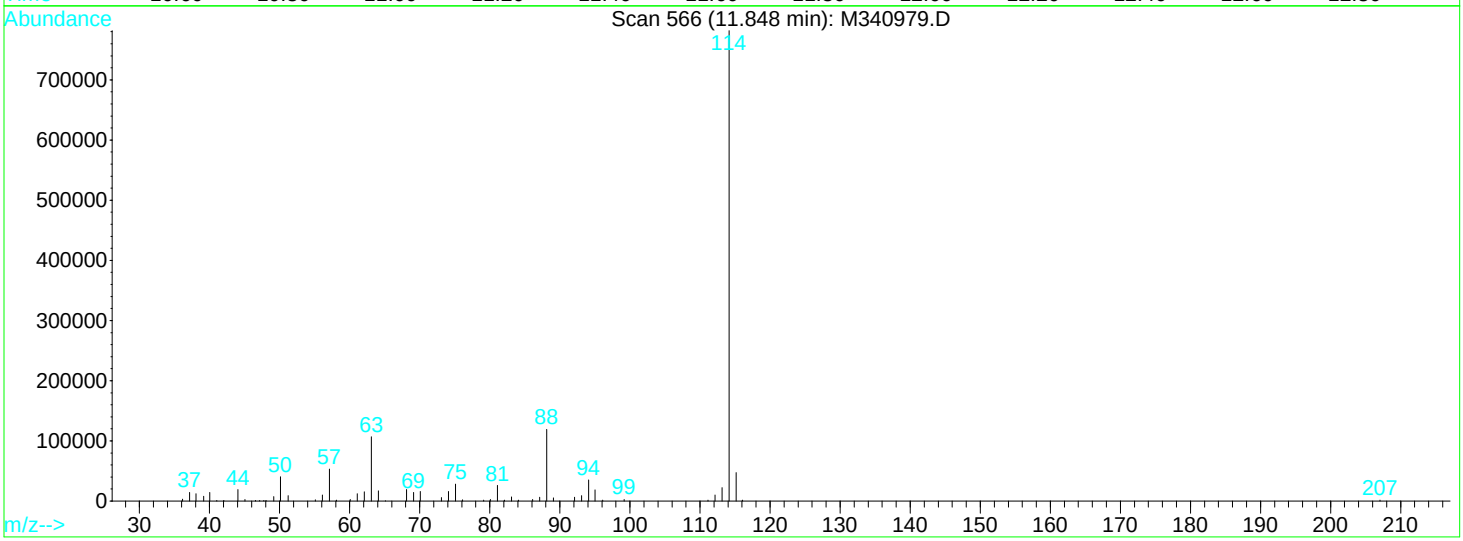
Ion	Exp%	Act%
62.00	100	100
98.00	14.10	1003.08#
49.00	39.80	118.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(43) Tertiary-amyl methyl ether

11.85min 0.22ug/l

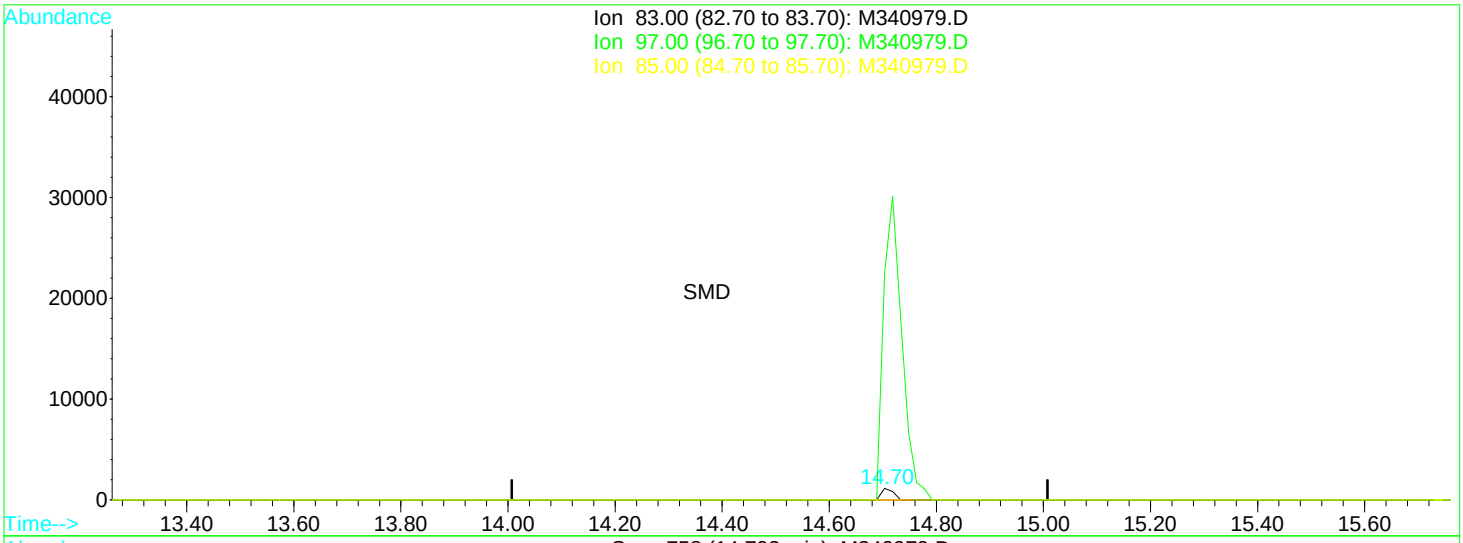
response 13768

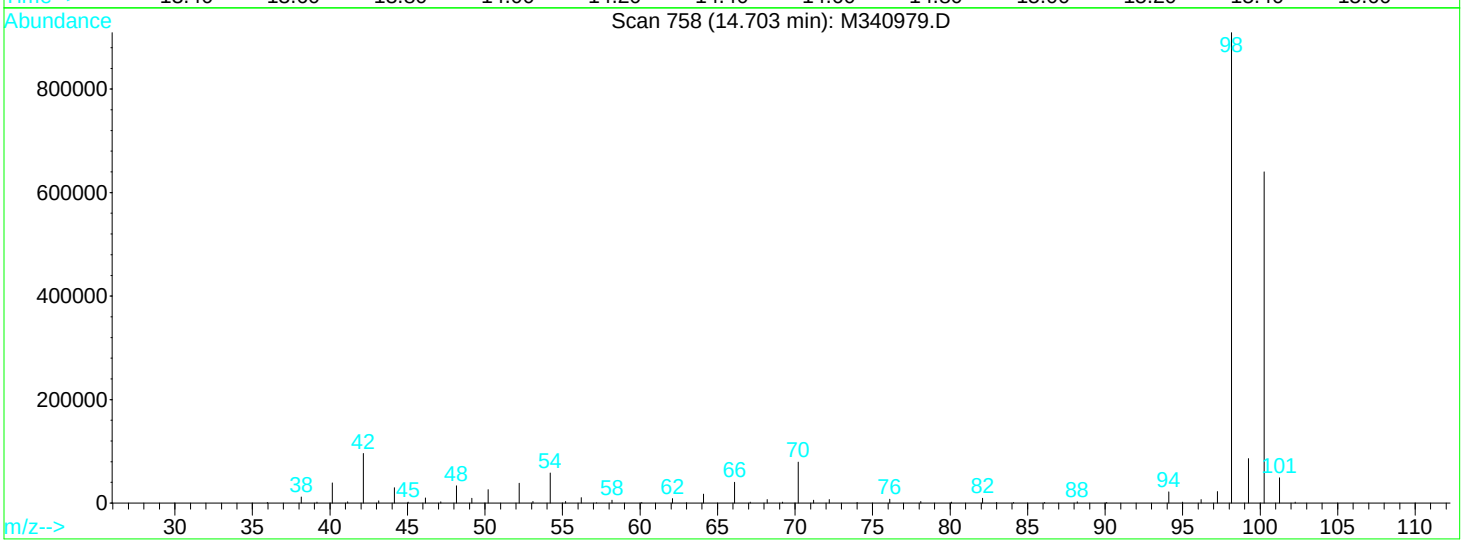
Ion	Exp%	Act%
73.00	100	100
43.00	38.50	0.00#
55.00	29.80	36.14
87.00	22.80	107.88#

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(56) 1,1,2-Trichloroethane

14.70min 0.07ug/l

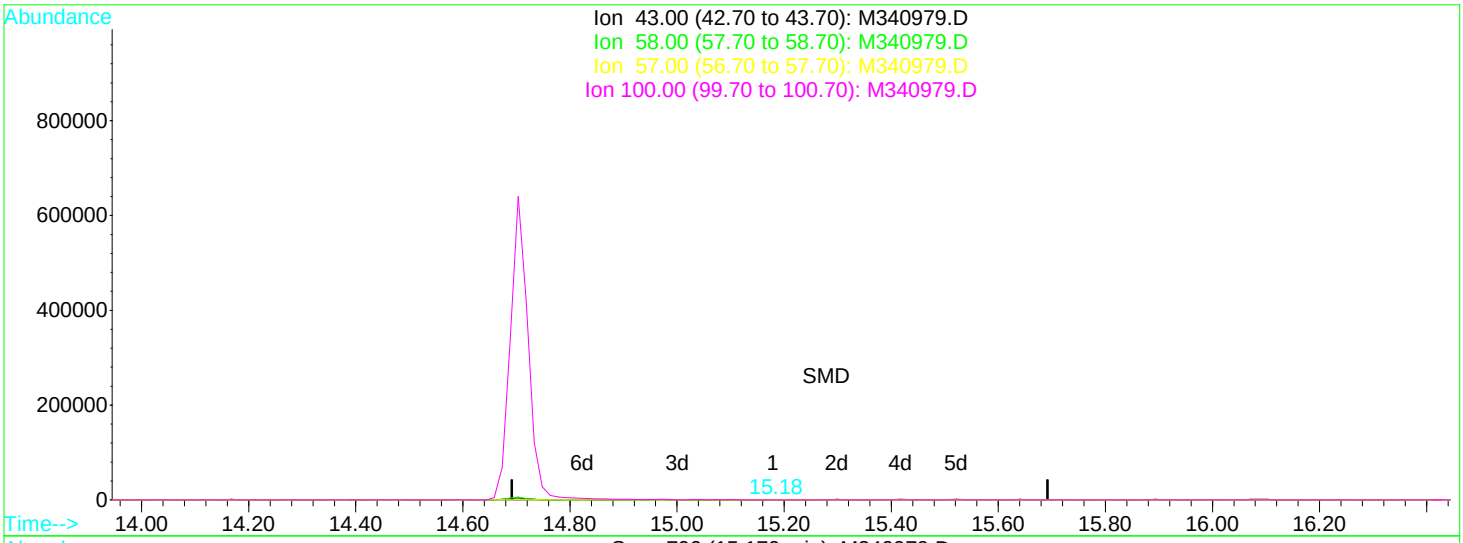
response 1736

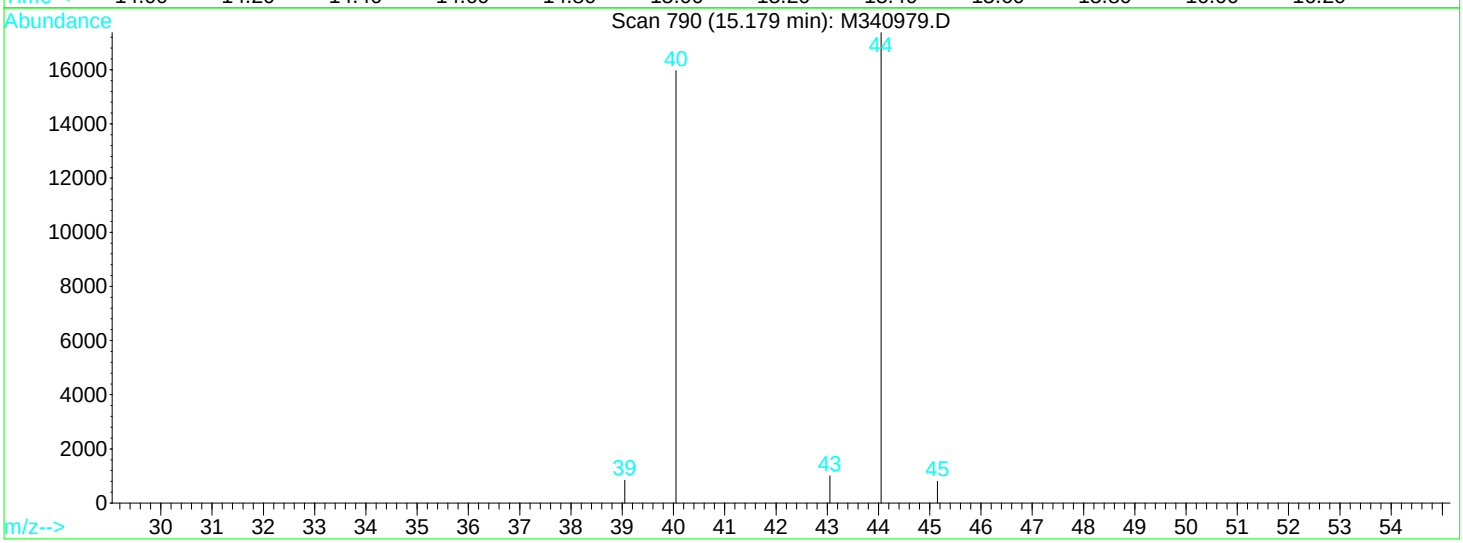
Ion	Exp%	Act%
83.00	100	100
97.00	118.50	1991.52#
85.00	66.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(61) 2-Hexanone

15.18min 0.10ug/l

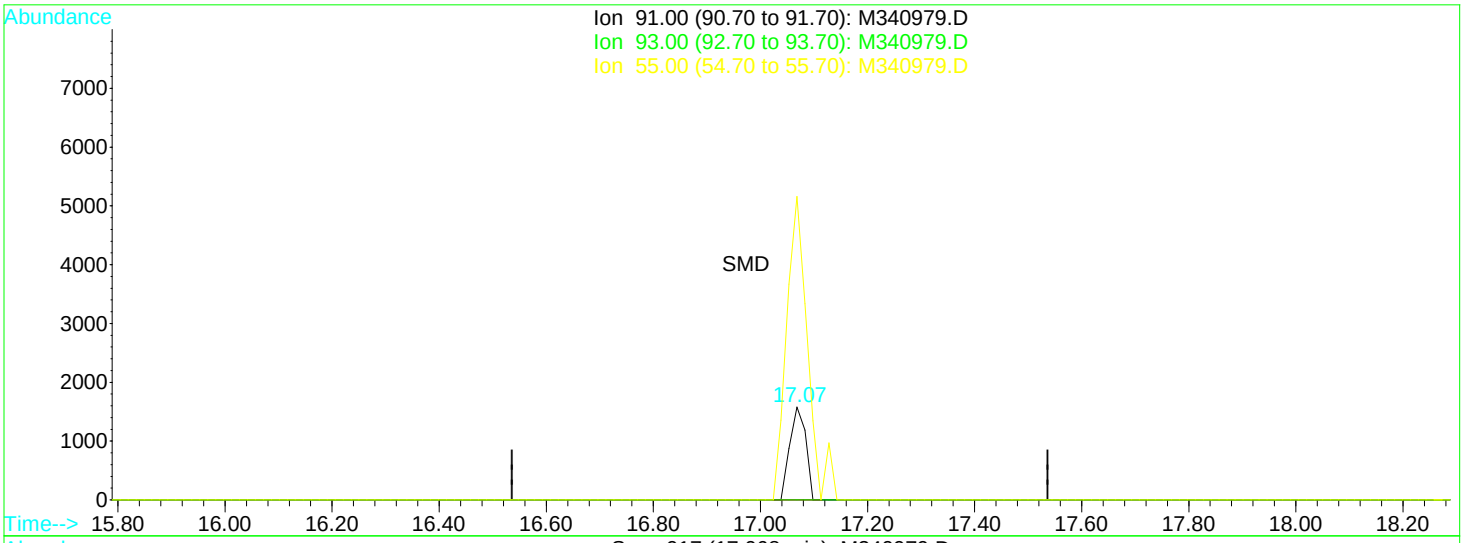
response 1776

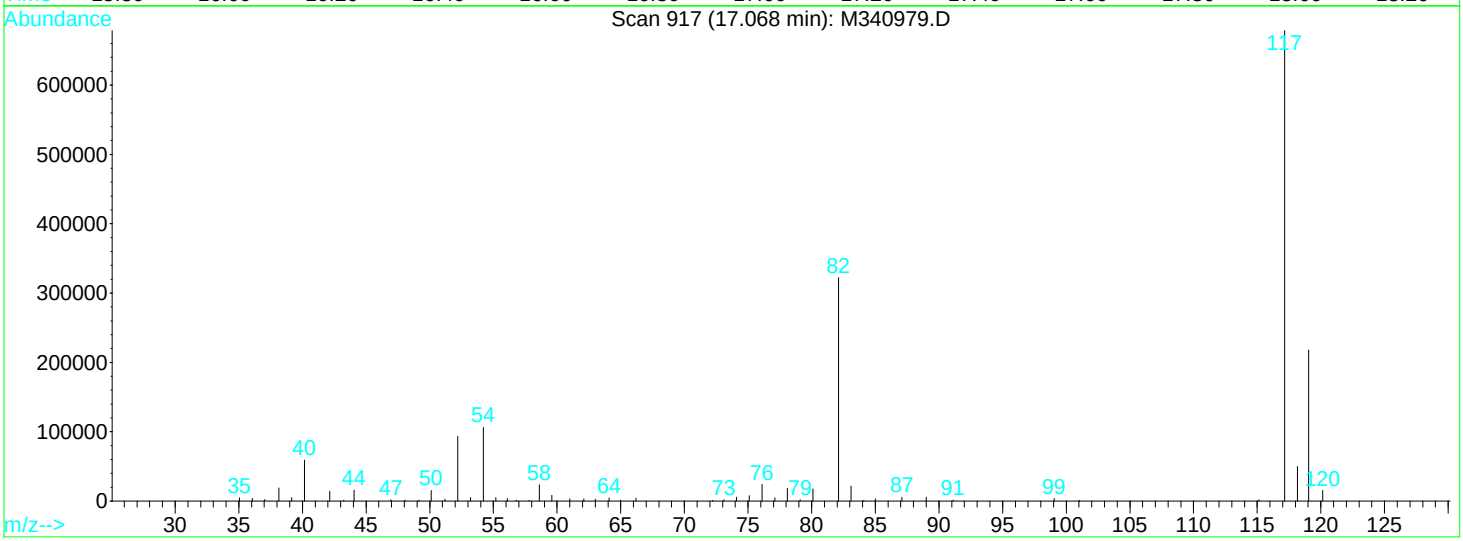
Ion	Exp%	Act%
43.00	100	100
58.00	50.60	0.00#
57.00	15.20	0.00
100.00	11.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340979.D

(66) 1-Chlorohexane

17.07min 0.15ug/l

response 3251

Ion	Exp%	Act%
91.00	100	100
93.00	33.00	0.00#
55.00	60.00	326.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

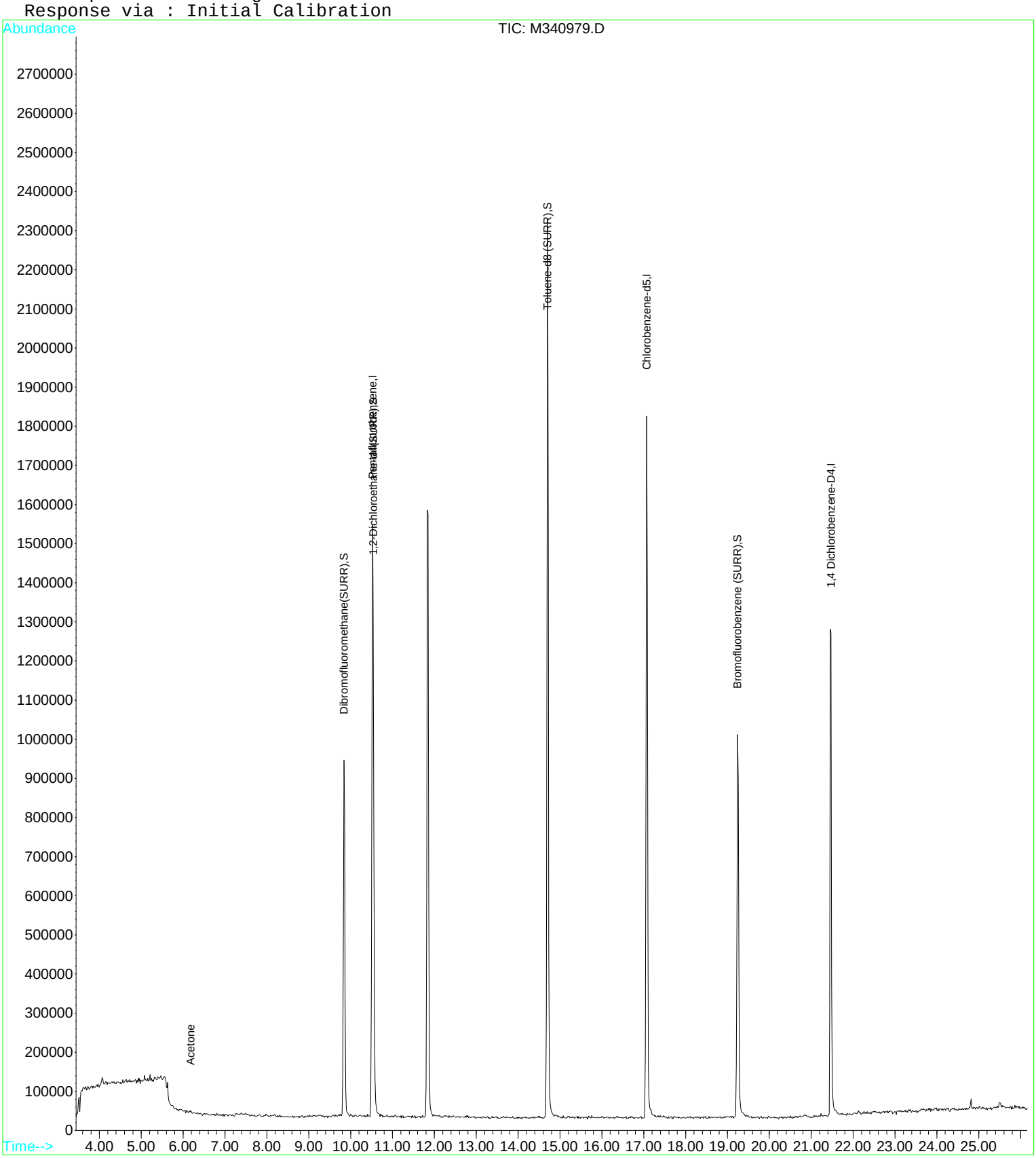
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1215774	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1716115	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.47	152	541229	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	783814	22.94	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	529996	21.72	ug/l	-0.01
Spiked Amount 25.000			Recovery = 86.88%			
59) Toluene-d8 (SURR)	14.70	98	2117088	26.15	ug/l	-0.01
Spiked Amount 25.000			Recovery = 104.60%			
75) Bromofluorobenzene (SURR)	19.24	95	641400	23.41	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.64%			
Target Compounds						Qvalue
10) Acetone	6.18	43	13296	1.81	ug/l	80

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340979.D Vial: 7
Acq On : 16 Aug 2010 11:34 am Operator: MD
Sample : CH01616-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:11 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration



VOA
Calibration Data

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTG0064	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTG0064-TUN1	M340466.D	07/12/10 10:28
Cal Standard	CTG0064-CAL1	M340467.D	07/12/10 11:00
Cal Standard	CTG0064-CAL2	M340468.D	07/12/10 11:32
Cal Standard	CTG0064-CAL3	M340469.D	07/12/10 12:04
Cal Standard	CTG0064-CAL4	M340470.D	07/12/10 12:36
Cal Standard	CTG0064-CAL5	M340471.D	07/12/10 13:08
Cal Standard	CTG0064-CAL6	M340472.D	07/12/10 13:40
Cal Standard	CTG0064-CAL7	M340473.D	07/12/10 14:12
Secondary Cal Check	CTG0064-SCV1	M340476.D	07/12/10 17:35

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0087	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTH0087-TUN1	M340920.D	08/12/10 08:16
Calibration Check	CTH0087-CCV1	M340921.D	08/12/10 08:48
LCS	CH01208-BS1	M340922.D	08/12/10 09:20
LCS Dup	CH01208-BSD1	M340923.D	08/12/10 09:52
Blank	CH01208-BLK1	M340926.D	08/12/10 11:30
GWMW239	1008142-01	M340932.D	08/12/10 14:42
GWMW240	1008142-02	M340933.D	08/12/10 15:14
~~GWMW236s~~	~~1008142-03~~	~~M340984.D~~	~~08/12/10 15:46~~
GWMW236s	1008142-03	M340934.D	08/12/10 15:46
GWMW236s Dup	1008142-04	M340935.D	08/12/10 16:19
~~GWMW236s Dup~~	~~1008142-04~~	~~M340985.D~~	~~08/12/10 16:19~~
GWMW 236D	1008142-05	M340936.D	08/12/10 16:51
GWMW241	1008142-07	M340938.D	08/12/10 17:55
~~GWMW241~~	~~1008142-07~~	~~M340983.D~~	~~08/12/10 17:55~~
GWMW236s	CH01208-MS1	M340941.D	08/12/10 19:31
GWMW236s	CH01208-MSD1	M340942.D	08/12/10 20:03

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0092	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTH0092-TUN1	M340949.D	08/13/10 10:59
Calibration Check	CTH0092-CCV1	M340950.D	08/13/10 11:31
LCS	CH01314-BS1	M340951.D	08/13/10 12:04
LCS Dup	CH01314-BSD1	M340952.D	08/13/10 12:36
Blank	CH01314-BLK1	M340955.D	08/13/10 14:27
GWMW242	1008142-06	M340965.D	08/13/10 19:48

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0104	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTH0104-TUN1	M340973.D	08/16/10 08:22
Calibration Check	CTH0104-CCV1	M340974.D	08/16/10 08:54
LCS	CH01616-BS1	M340975.D	08/16/10 09:26
LCS Dup	CH01616-BSD1	M340976.D	08/16/10 09:58
Blank	CH01616-BLK1	M340979.D	08/16/10 11:34
GWTB01	1008142-10	M340980.D	08/16/10 12:06
GWMW238D	1008142-08	M340981.D	08/16/10 12:38
~~GWMW238S~~	~~1008142-09~~	~~M340986.D~~	~~08/16/10 13:10~~
GWMW238S	1008142-09	M340982.D	08/16/10 13:10
GWMW241	1008142-07RE1	M340983.D	08/16/10 13:42
GWMW236s	1008142-03RE1	M340984.D	08/16/10 14:14
GWMW236s Dup	1008142-04RE1	M340985.D	08/16/10 14:46
GWMW238S	1008142-09RE1	M340986.D	08/16/10 15:18

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M340920.D	Injection Date:	08/12/10
Instrument ID:	VOA MS3	Injection Time:	08:16
Sequence:	CTH0087	Lab Sample ID:	CTH0087-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.8	PASS
75	30 - 60% of 95	36.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	8.45	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	62.1	PASS
175	5 - 9% of 174	7.79	PASS
176	95 - 101% of 174	99.1	PASS
177	5 - 9% of 176	7.23	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M340949.D	Injection Date:	08/13/10
Instrument ID:	VOA MS3	Injection Time:	10:59
Sequence:	CTH0092	Lab Sample ID:	CTH0092-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.5	PASS
75	30 - 60% of 95	39.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	8.63	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	87.2	PASS
175	5 - 9% of 174	7.36	PASS
176	95 - 101% of 174	95.1	PASS
177	5 - 9% of 176	7.43	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M340973.D	Injection Date:	08/16/10
Instrument ID:	VOA MS3	Injection Time:	08:22
Sequence:	CTH0104	Lab Sample ID:	CTH0104-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.4	PASS
75	30 - 60% of 95	36.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.92	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	73.9	PASS
175	5 - 9% of 174	7.7	PASS
176	95 - 101% of 174	96.1	PASS
177	5 - 9% of 176	6.31	PASS

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340921.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0087	Injection Date:	08/12/10
Lab Sample ID:	CTH0087-CCV1	Injection Time:	08:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	25.9	0.3216548	0.3338086		3.8	30
1,1,1-Trichloroethane	A	25.00	23.5	0.6456599	0.6070985		-6.0	30
1,1,2,2-Tetrachloroethane	A	25.00	24.4	1.31	1.279544	0.3	-2.3	30
1,1,2-Trichloroethane	A	25.00	23.7	0.4810305	0.4564731		-5.1	30
1,1-Dichloroethane	A	25.00	24.3	0.924895	0.9005888	0.1	-2.6	30
1,1-Dichloroethene	A	25.00	24.6	0.5230553	0.5141081		-1.7	20
1,1-Dichloropropene	A	25.00	24.6	0.5931127	0.5832138		-1.7	30
1,2,3-Trichlorobenzene	A	25.00	23.4	0.7818385	0.7313296		-6.5	30
1,2,3-Trichloropropane	A	25.00	24.6	0.8698936	0.8542398		-1.8	30
1,2,4-Trichlorobenzene	A	25.00	23.4	0.8634904	0.8065388		-6.6	30
1,2,4-Trimethylbenzene	A	25.00	25.1	2.18706	2.196641		0.4	30
1,2-Dibromo-3-Chloropropane	A	25.00	22.8	0.1455555	0.1327333		-8.8	30
1,2-Dibromoethane	A	25.00	24.8	0.4462609	0.4432734		-0.7	30
1,2-Dichlorobenzene	A	25.00	25.4	1.41303	1.434349		1.5	30
1,2-Dichloroethane	A	25.00	23.2	0.5998131	0.5559611		-7.3	30
1,2-Dichloropropane	A	25.00	24.9	0.5574805	0.5549312		-0.5	20
1,3,5-Trimethylbenzene	A	25.00	24.9	2.038327	2.0287		-0.5	30
1,3-Dichlorobenzene	A	25.00	24.4	1.410761	1.375805		-2.5	30
1,3-Dichloropropane	A	25.00	25.5	0.5815319	0.5921724		1.8	30
1,4-Dichlorobenzene	A	25.00	24.6	1.545582	1.523663		-1.4	30
1,4-Dioxane - Screen	A	500.0	435	4.318125E-03	3.724485E-03		-13.7	30
1-Chlorohexane	A	25.00	24.0	0.3132267	0.3001975		-4.2	30
2,2-Dichloropropane	A	25.00	24.2	0.5396339	0.5234675		-3.0	30
2-Butanone	A	125.0	121	0.4186109	0.4050876		-3.2	30
2-Chlorotoluene	A	25.00	24.7	1.889319	1.867348		-1.2	30
2-Hexanone	A	125.0	124	0.2659651	0.2640088		-0.7	30
4-Chlorotoluene	A	25.00	24.6	1.99159	1.962544		-1.5	30
4-Isopropyltoluene	A	25.00	24.1	2.189998	2.112468		-3.5	30
4-Methyl-2-Pentanone	A	125.0	122	0.2034755	0.1982335		-2.6	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340921.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0087	Injection Date:	08/12/10
Lab Sample ID:	CTH0087-CCV1	Injection Time:	08:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	125.0	107	0.1510714	0.1290488		-14.6	30	
Benzene	A	25.00	24.5	2.085704	2.041496		-2.1	30	
Bromobenzene	A	25.00	26.3	0.9322241	0.9791593		5.0	30	
Bromochloromethane	A	25.00	24.2	0.3975829	0.3852728		-3.1	30	
Bromodichloromethane	A	25.00	24.5	0.6770446	0.6628929		-2.1	30	
Bromoform	L	25.00	26.1	0.249899	0.295093	0.1	4.5	30	
Bromomethane	A	25.00	15.9	0.3963951	0.2517612		-36.5	30	*
Carbon Disulfide	A	25.00	26.9	1.555522	1.674282		7.6	30	
Carbon Tetrachloride	A	25.00	25.3	0.5189438	0.5259715		1.4	30	
Chlorobenzene	A	25.00	25.1	0.9664055	0.9692382	0.3	0.3	30	
Chloroethane	A	25.00	22.0	0.3092233	0.2722404		-12.0	30	
Chloroform	A	25.00	23.8	0.9305216	0.8871361		-4.7	20	
Chloromethane	A	25.00	20.0	0.6716736	0.537031	0.1	-20.0	30	
cis-1,2-Dichloroethene	A	25.00	24.2	0.6923801	0.6699124		-3.2	30	
cis-1,3-Dichloropropene	A	25.00	24.7	0.7516448	0.7412899		-1.4	30	
Dibromochloromethane	A	25.00	27.1	0.4140759	0.4494087		8.5	30	
Dibromomethane	A	25.00	23.8	0.4937184	0.4689395		-5.0	30	
Dichlorodifluoromethane	A	25.00	22.3	0.4761034	0.4250163		-10.7	30	
Diethyl Ether	A	25.00	25.6	0.3904107	0.3996087		2.4	30	
Di-isopropyl ether	A	25.00	24.4	2.021541	1.972721		-2.4	30	
Ethyl tertiary-butyl ether	A	25.00	23.4	1.50629	1.407103		-6.6	30	
Ethylbenzene	A	25.00	25.2	1.212401	1.222081		0.8	20	
Hexachlorobutadiene	A	25.00	20.9	0.3979747	0.3332532		-16.3	30	
Hexachloroethane	A	25.00	25.2	0.432331	0.4348961		0.6	30	
Isopropylbenzene	A	25.00	25.3	2.614522	2.643987		1.1	30	
Methyl tert-Butyl Ether	A	25.00	22.8	1.221489	1.112901		-8.9	30	
Methylene Chloride	A	25.00	23.9	0.6858067	0.6546314		-4.5	30	
Naphthalene	A	25.00	22.2	2.035515	1.809651		-11.1	30	
n-Butylbenzene	A	25.00	24.2	1.917156	1.858351		-3.1	30	

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340921.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0087	Injection Date:	08/12/10
Lab Sample ID:	CTH0087-CCV1	Injection Time:	08:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	24.8	2.859857	2.836665		-0.8	30
sec-Butylbenzene	A	25.00	24.2	2.639217	2.557936		-3.1	30
Styrene	A	25.00	25.6	0.8568266	0.8778707		2.5	30
tert-Butylbenzene	A	25.00	25.0	1.670068	1.668042		-0.1	30
Tertiary-amyl methyl ether	A	25.00	22.3	1.278776	1.142765		-10.6	30
Tetrachloroethene	A	25.00	24.8	0.2426937	0.2409732		-0.7	30
Tetrahydrofuran	A	25.00	22.6	0.1601557	0.1448443		-9.6	30
Toluene	A	25.00	24.8	1.204507	1.192543		-1.0	20
trans-1,2-Dichloroethene	A	25.00	24.1	0.6251412	0.6031388		-3.5	30
trans-1,3-Dichloropropene	A	25.00	26.1	0.5796126	0.6042166		4.2	30
Trichloroethene	A	25.00	23.9	0.5762165	0.5516148		-4.3	30
Trichlorofluoromethane	A	25.00	21.3	0.838943	0.7159573		-14.7	30
Vinyl Acetate	A	25.00	24.0	1.064886	1.022882		-3.9	30
Vinyl Chloride	A	25.00	22.8	0.5259641	0.4793829		-8.9	20
Xylene O	A	25.00	25.6	0.5012755	0.5124963		2.2	30
Xylene P,M	A	50.00	52.5	0.4822913	0.5064837		5.0	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340950.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0092	Injection Date:	08/13/10
Lab Sample ID:	CTH0092-CCV1	Injection Time:	11:31

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	24.9	0.3216548	0.3205018		-0.4	30
1,1,1-Trichloroethane	A	25.00	24.1	0.6456599	0.6228022		-3.5	30
1,1,2,2-Tetrachloroethane	A	25.00	23.9	1.31	1.254162	0.3	-4.3	30
1,1,2-Trichloroethane	A	25.00	24.2	0.4810305	0.466464		-3.0	30
1,1-Dichloroethane	A	25.00	24.2	0.924895	0.8967815	0.1	-3.0	30
1,1-Dichloroethene	A	25.00	24.7	0.5230553	0.5167067		-1.2	20
1,1-Dichloropropene	A	25.00	24.9	0.5931127	0.5906282		-0.4	30
1,2,3-Trichlorobenzene	A	25.00	22.1	0.7818385	0.6906776		-11.7	30
1,2,3-Trichloropropane	A	25.00	23.4	0.8698936	0.8157076		-6.2	30
1,2,4-Trichlorobenzene	A	25.00	22.2	0.8634904	0.7669615		-11.2	30
1,2,4-Trimethylbenzene	A	25.00	25.0	2.18706	2.182508		-0.2	30
1,2-Dibromo-3-Chloropropane	A	25.00	22.2	0.1455555	0.129217		-11.2	30
1,2-Dibromoethane	A	25.00	24.6	0.4462609	0.4395615		-1.5	30
1,2-Dichlorobenzene	A	25.00	24.9	1.41303	1.408586		-0.3	30
1,2-Dichloroethane	A	25.00	24.0	0.5998131	0.5752774		-4.1	30
1,2-Dichloropropane	A	25.00	24.7	0.5574805	0.5512189		-1.1	20
1,3,5-Trimethylbenzene	A	25.00	24.1	2.038327	1.962248		-3.7	30
1,3-Dichlorobenzene	A	25.00	24.4	1.410761	1.379159		-2.2	30
1,3-Dichloropropane	A	25.00	24.8	0.5815319	0.5757271		-1.0	30
1,4-Dichlorobenzene	A	25.00	24.2	1.545582	1.493929		-3.3	30
1,4-Dioxane - Screen	A	500.0	414	4.318125E-03	3.547735E-03		-17.8	30
1-Chlorohexane	A	25.00	23.1	0.3132267	0.2897235		-7.5	30
2,2-Dichloropropane	A	25.00	23.8	0.5396339	0.5126285		-5.0	30
2-Butanone	A	125.0	120	0.4186109	0.4033879		-3.6	30
2-Chlorotoluene	A	25.00	24.6	1.889319	1.859188		-1.6	30
2-Hexanone	A	125.0	121	0.2659651	0.2580169		-3.0	30
4-Chlorotoluene	A	25.00	24.4	1.99159	1.94499		-2.3	30
4-Isopropyltoluene	A	25.00	23.9	2.189998	2.093963		-4.4	30
4-Methyl-2-Pentanone	A	125.0	122	0.2034755	0.1993463		-2.0	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340950.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0092	Injection Date:	08/13/10
Lab Sample ID:	CTH0092-CCV1	Injection Time:	11:31

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	112	0.1510714	0.1349733		-10.7	30
Benzene	A	25.00	24.5	2.085704	2.042638		-2.1	30
Bromobenzene	A	25.00	25.0	0.9322241	0.9339833		0.2	30
Bromochloromethane	A	25.00	24.4	0.3975829	0.3886945		-2.2	30
Bromodichloromethane	A	25.00	25.0	0.6770446	0.6782354		0.2	30
Bromoform	L	25.00	25.1	0.249899	0.2820774	0.1	0.3	30
Bromomethane	A	25.00	18.1	0.3963951	0.2868203		-27.6	30
Carbon Disulfide	A	25.00	27.1	1.555522	1.688618		8.6	30
Carbon Tetrachloride	A	25.00	25.8	0.5189438	0.5365909		3.4	30
Chlorobenzene	A	25.00	25.2	0.9664055	0.9735416	0.3	0.7	30
Chloroethane	A	25.00	22.1	0.3092233	0.2730778		-11.7	30
Chloroform	A	25.00	24.0	0.9305216	0.8932412		-4.0	20
Chloromethane	A	25.00	19.9	0.6716736	0.5342269	0.1	-20.5	30
cis-1,2-Dichloroethene	A	25.00	24.4	0.6923801	0.6751174		-2.5	30
cis-1,3-Dichloropropene	A	25.00	24.3	0.7516448	0.7302651		-2.8	30
Dibromochloromethane	A	25.00	26.9	0.4140759	0.4455438		7.6	30
Dibromomethane	A	25.00	24.0	0.4937184	0.4739553		-4.0	30
Dichlorodifluoromethane	A	25.00	22.5	0.4761034	0.4282025		-10.1	30
Diethyl Ether	A	25.00	25.0	0.3904107	0.3901926		-0.06	30
Di-isopropyl ether	A	25.00	24.2	2.021541	1.958461		-3.1	30
Ethyl tertiary-butyl ether	A	25.00	22.8	1.50629	1.372591		-8.9	30
Ethylbenzene	A	25.00	24.4	1.212401	1.183861		-2.4	20
Hexachlorobutadiene	A	25.00	20.9	0.3979747	0.3326283		-16.4	30
Hexachloroethane	A	25.00	25.0	0.432331	0.4329114		0.1	30
Isopropylbenzene	A	25.00	24.4	2.614522	2.546812		-2.6	30
Methyl tert-Butyl Ether	A	25.00	21.9	1.221489	1.069936		-12.4	30
Methylene Chloride	A	25.00	23.9	0.6858067	0.6567943		-4.2	30
Naphthalene	A	25.00	19.1	2.035515	1.558603		-23.4	30
n-Butylbenzene	A	25.00	23.3	1.917156	1.784002		-6.9	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340950.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0092	Injection Date:	08/13/10
Lab Sample ID:	CTH0092-CCV1	Injection Time:	11:31

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	24.2	2.859857	2.76881		-3.2	30
sec-Butylbenzene	A	25.00	23.8	2.639217	2.510171		-4.9	30
Styrene	A	25.00	24.7	0.8568266	0.8479571		-1.0	30
tert-Butylbenzene	A	25.00	24.0	1.670068	1.602417		-4.1	30
Tertiary-amyl methyl ether	A	25.00	21.1	1.278776	1.077232		-15.8	30
Tetrachloroethene	A	25.00	26.0	0.2426937	0.2526525		4.1	30
Tetrahydrofuran	A	25.00	22.8	0.1601557	0.1462588		-8.7	30
Toluene	A	25.00	24.8	1.204507	1.195744		-0.7	20
trans-1,2-Dichloroethene	A	25.00	23.7	0.6251412	0.5928065		-5.2	30
trans-1,3-Dichloropropene	A	25.00	25.6	0.5796126	0.5937409		2.4	30
Trichloroethene	A	25.00	24.1	0.5762165	0.5549948		-3.7	30
Trichlorofluoromethane	A	25.00	22.1	0.838943	0.7430901		-11.4	30
Vinyl Acetate	A	25.00	22.2	1.064886	0.9438734		-11.4	30
Vinyl Chloride	A	25.00	23.4	0.5259641	0.4927451		-6.3	20
Xylene O	A	25.00	25.0	0.5012755	0.5017455		0.09	30
Xylene P,M	A	50.00	51.1	0.4822913	0.4929818		2.2	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340974.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0104	Injection Date:	08/16/10
Lab Sample ID:	CTH0104-CCV1	Injection Time:	08:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	26.5	0.3216548	0.340677		5.9	30
1,1,1-Trichloroethane	A	25.00	24.1	0.6456599	0.6233046		-3.5	30
1,1,2,2-Tetrachloroethane	A	25.00	25.4	1.31	1.331794	0.3	1.7	30
1,1,2-Trichloroethane	A	25.00	24.0	0.4810305	0.4628096		-3.8	30
1,1-Dichloroethane	A	25.00	24.3	0.924895	0.8978328	0.1	-2.9	30
1,1-Dichloroethene	A	25.00	25.0	0.5230553	0.5237902		0.1	20
1,1-Dichloropropene	A	25.00	24.5	0.5931127	0.5804425		-2.1	30
1,2,3-Trichlorobenzene	A	25.00	23.6	0.7818385	0.7380175		-5.6	30
1,2,3-Trichloropropane	A	25.00	24.1	0.8698936	0.8393115		-3.5	30
1,2,4-Trichlorobenzene	A	25.00	23.3	0.8634904	0.805152		-6.8	30
1,2,4-Trimethylbenzene	A	25.00	25.9	2.18706	2.263899		3.5	30
1,2-Dibromo-3-Chloropropane	A	25.00	24.0	0.1455555	0.1399002		-3.9	30
1,2-Dibromoethane	A	25.00	25.5	0.4462609	0.4550352		2.0	30
1,2-Dichlorobenzene	A	25.00	25.1	1.41303	1.420206		0.5	30
1,2-Dichloroethane	A	25.00	23.5	0.5998131	0.5647578		-5.8	30
1,2-Dichloropropane	A	25.00	24.8	0.5574805	0.5519623		-1.0	20
1,3,5-Trimethylbenzene	A	25.00	25.6	2.038327	2.086145		2.3	30
1,3-Dichlorobenzene	A	25.00	25.0	1.410761	1.411856		0.08	30
1,3-Dichloropropane	A	25.00	26.0	0.5815319	0.6036569		3.8	30
1,4-Dichlorobenzene	A	25.00	25.7	1.545582	1.5878		2.7	30
1,4-Dioxane - Screen	A	500.0	432	4.318125E-03	3.698662E-03		-14.3	30
1-Chlorohexane	A	25.00	24.5	0.3132267	0.307238		-1.9	30
2,2-Dichloropropane	A	25.00	25.2	0.5396339	0.5434254		0.7	30
2-Butanone	A	125.0	127	0.4186109	0.4240461		1.3	30
2-Chlorotoluene	A	25.00	25.2	1.889319	1.904256		0.8	30
2-Hexanone	A	125.0	133	0.2659651	0.2835099		6.6	30
4-Chlorotoluene	A	25.00	25.0	1.99159	1.991685		0.005	30
4-Isopropyltoluene	A	25.00	24.9	2.189998	2.182601		-0.3	30
4-Methyl-2-Pentanone	A	125.0	128	0.2034755	0.2083183		2.4	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340974.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0104	Injection Date:	08/16/10
Lab Sample ID:	CTH0104-CCV1	Injection Time:	08:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	123	0.1510714	0.1491413		-1.3	30
Benzene	A	25.00	24.4	2.085704	2.039261		-2.2	30
Bromobenzene	A	25.00	26.2	0.9322241	0.9786446		5.0	30
Bromochloromethane	A	25.00	24.4	0.3975829	0.3880702		-2.4	30
Bromodichloromethane	A	25.00	25.1	0.6770446	0.6797693		0.4	30
Bromoform	L	25.00	27.0	0.249899	0.3063659	0.1	8.1	30
Bromomethane	A	25.00	17.7	0.3963951	0.2807955		-29.2	30
Carbon Disulfide	A	25.00	27.3	1.555522	1.698722		9.2	30
Carbon Tetrachloride	A	25.00	25.6	0.5189438	0.5318839		2.5	30
Chlorobenzene	A	25.00	25.6	0.9664055	0.9899647	0.3	2.4	30
Chloroethane	A	25.00	22.1	0.3092233	0.2731713		-11.7	30
Chloroform	A	25.00	23.8	0.9305216	0.8861378		-4.8	20
Chloromethane	A	25.00	19.5	0.6716736	0.5230947	0.1	-22.1	30
cis-1,2-Dichloroethene	A	25.00	24.7	0.6923801	0.6841071		-1.2	30
cis-1,3-Dichloropropene	A	25.00	25.5	0.7516448	0.7677719		2.1	30
Dibromochloromethane	A	25.00	28.4	0.4140759	0.4697073		13.4	30
Dibromomethane	A	25.00	23.9	0.4937184	0.4717428		-4.5	30
Dichlorodifluoromethane	A	25.00	22.1	0.4761034	0.4202678		-11.7	30
Diethyl Ether	A	25.00	26.3	0.3904107	0.4112282		5.3	30
Di-isopropyl ether	A	25.00	25.0	2.021541	2.019086		-0.1	30
Ethyl tertiary-butyl ether	A	25.00	23.7	1.50629	1.428731		-5.1	30
Ethylbenzene	A	25.00	25.5	1.212401	1.234852		1.9	20
Hexachlorobutadiene	A	25.00	21.6	0.3979747	0.3431447		-13.8	30
Hexachloroethane	A	25.00	26.6	0.432331	0.4593627		6.3	30
Isopropylbenzene	A	25.00	25.4	2.614522	2.656836		1.6	30
Methyl tert-Butyl Ether	A	25.00	23.4	1.221489	1.145852		-6.2	30
Methylene Chloride	A	25.00	24.0	0.6858067	0.6580311		-4.1	30
Naphthalene	A	25.00	23.0	2.035515	1.876665		-7.8	30
n-Butylbenzene	A	25.00	24.4	1.917156	1.872063		-2.4	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1007010
Lab File ID:	M340974.D	Calibration Date:	07/12/10 00:00
Sequence:	CTH0104	Injection Date:	08/16/10
Lab Sample ID:	CTH0104-CCV1	Injection Time:	08:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	25.5	2.859857	2.91583		2.0	30
sec-Butylbenzene	A	25.00	24.9	2.639217	2.628226		-0.4	30
Styrene	A	25.00	25.9	0.8568266	0.8878208		3.6	30
tert-Butylbenzene	A	25.00	25.6	1.670068	1.708461		2.3	30
Tertiary-amyl methyl ether	A	25.00	23.0	1.278776	1.175615		-8.1	30
Tetrachloroethene	A	25.00	25.4	0.2426937	0.2469232		1.7	30
Tetrahydrofuran	A	25.00	23.8	0.1601557	0.1521299		-5.0	30
Toluene	A	25.00	25.3	1.204507	1.21975		1.3	20
trans-1,2-Dichloroethene	A	25.00	24.2	0.6251412	0.6051704		-3.2	30
trans-1,3-Dichloropropene	A	25.00	26.6	0.5796126	0.616738		6.4	30
Trichloroethene	A	25.00	24.0	0.5762165	0.5540444		-3.8	30
Trichlorofluoromethane	A	25.00	21.5	0.838943	0.7220938		-13.9	30
Vinyl Acetate	A	25.00	24.6	1.064886	1.047132		-1.7	30
Vinyl Chloride	A	25.00	22.6	0.5259641	0.4754253		-9.6	20
Xylene O	A	25.00	26.0	0.5012755	0.5219771		4.1	30
Xylene P,M	A	50.00	52.8	0.4822913	0.5098239		5.7	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTG0064	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Cal Standard (CTG0064-CAL1)			Lab File ID: M340467.D		Analyzed: 07/12/10 11:00			
1,2-Dichloroethane-d4	0.4000	135		10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.4000	170		19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.4000	125		9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.4000	110		14.72	14.715	0.0050	+/-1.0	
Cal Standard (CTG0064-CAL2)			Lab File ID: M340468.D		Analyzed: 07/12/10 11:32			
1,2-Dichloroethane-d4	1.000	119		10.56	10.55167	0.0083	+/-1.0	
4-Bromofluorobenzene	1.000	101		19.26	19.25	0.0100	+/-1.0	
Dibromofluoromethane	1.000	110		9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	1.000	93		14.71	14.715	-0.0050	+/-1.0	
Cal Standard (CTG0064-CAL3)			Lab File ID: M340469.D		Analyzed: 07/12/10 12:04			
1,2-Dichloroethane-d4	5.000	113		10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	5.000	91		19.26	19.25	0.0100	+/-1.0	
Dibromofluoromethane	5.000	111		9.86	9.846667	0.0133	+/-1.0	
Toluene-d8	5.000	90		14.72	14.715	0.0050	+/-1.0	
Cal Standard (CTG0064-CAL4)			Lab File ID: M340470.D		Analyzed: 07/12/10 12:36			
1,2-Dichloroethane-d4	10.00	108		10.56	10.55167	0.0083	+/-1.0	
4-Bromofluorobenzene	10.00	95		19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	10.00	106		9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	10.00	92		14.71	14.715	-0.0050	+/-1.0	
Cal Standard (CTG0064-CAL5)			Lab File ID: M340471.D		Analyzed: 07/12/10 13:08			
1,2-Dichloroethane-d4	25.00	110		10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	25.00	100		19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	25.00	113		9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	25.00	100		14.72	14.715	0.0050	+/-1.0	
Cal Standard (CTG0064-CAL6)			Lab File ID: M340472.D		Analyzed: 07/12/10 13:40			
1,2-Dichloroethane-d4	50.00	111		10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.00	103		19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	50.00	113		9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	50.00	103		14.72	14.715	0.0050	+/-1.0	
Cal Standard (CTG0064-CAL7)			Lab File ID: M340473.D		Analyzed: 07/12/10 14:12			
1,2-Dichloroethane-d4	100.0	110		10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	100.0	109		19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	100.0	115		9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	100.0	107		14.71	14.715	-0.0050	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0087	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (CTH0087-CCV1)			Lab File ID: M340921.D		Analyzed: 08/12/10 08:48			
1,2-Dichloroethane-d4	25.00	94	0 - 200	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	25.00	100	0 - 200	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	25.00	100	0 - 200	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	25.00	104	0 - 200	14.72	14.715	0.0050	+/-1.0	
LCS (CH01208-BS1)			Lab File ID: M340922.D		Analyzed: 08/12/10 09:20			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.56	10.55167	0.0083	+/-1.0	
4-Bromofluorobenzene	0.02500	104	70 - 130	19.26	19.25	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	103	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	110	70 - 130	14.71	14.715	-0.0050	+/-1.0	
LCS Dup (CH01208-BSD1)			Lab File ID: M340923.D		Analyzed: 08/12/10 09:52			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.56	10.55167	0.0083	+/-1.0	
4-Bromofluorobenzene	0.02500	103	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	104	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	111	70 - 130	14.71	14.715	-0.0050	+/-1.0	
Blank (CH01208-BLK1)			Lab File ID: M340926.D		Analyzed: 08/12/10 11:30			
1,2-Dichloroethane-d4	0.02500	83	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.26	19.25	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.86	9.846667	0.0133	+/-1.0	
Toluene-d8	0.02500	103	70 - 130	14.7	14.715	-0.0150	+/-1.0	
GWMW239 (1008142-01)			Lab File ID: M340932.D		Analyzed: 08/12/10 14:42			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.72	14.715	0.0050	+/-1.0	
GWMW240 (1008142-02)			Lab File ID: M340933.D		Analyzed: 08/12/10 15:14			
1,2-Dichloroethane-d4	0.02500	86	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.72	14.715	0.0050	+/-1.0	
GWMW236s (1008142-03)			Lab File ID: M340934.D		Analyzed: 08/12/10 15:46			
1,2-Dichloroethane-d4	0.02500	86	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	90	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	107	70 - 130	14.72	14.715	0.0050	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0087	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMW236s Dup (1008142-04)			Lab File ID: M340935.D		Analyzed: 08/12/10 16:19			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.72	14.715	0.0050	+/-1.0	
GWMW 236D (1008142-05)			Lab File ID: M340936.D		Analyzed: 08/12/10 16:51			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	106	70 - 130	14.7	14.715	-0.0150	+/-1.0	
GWMW241 (1008142-07)			Lab File ID: M340938.D		Analyzed: 08/12/10 17:55			
1,2-Dichloroethane-d4	0.02500	88	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	106	70 - 130	14.7	14.715	-0.0150	+/-1.0	
Matrix Spike (CH01208-MS1)			Lab File ID: M340941.D		Analyzed: 08/12/10 19:31			
1,2-Dichloroethane-d4	0.02500	101	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	100	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	107	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	109	70 - 130	14.71	14.715	-0.0050	+/-1.0	
Matrix Spike Dup (CH01208-MSD1)			Lab File ID: M340942.D		Analyzed: 08/12/10 20:03			
1,2-Dichloroethane-d4	0.02500	101	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	102	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	108	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	110	70 - 130	14.71	14.715	-0.0050	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0092	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (CTH0092-CCV1)				Lab File ID: M340950.D		Analyzed: 08/13/10 11:31		
1,2-Dichloroethane-d4	25.00	96	0 - 200	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	25.00	99	0 - 200	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	25.00	102	0 - 200	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	25.00	101	0 - 200	14.7	14.715	-0.0150	+/-1.0	
LCS (CH01314-BS1)				Lab File ID: M340951.D		Analyzed: 08/13/10 12:04		
1,2-Dichloroethane-d4	0.02500	100	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	104	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	106	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	108	70 - 130	14.7	14.715	-0.0150	+/-1.0	
LCS Dup (CH01314-BSD1)				Lab File ID: M340952.D		Analyzed: 08/13/10 12:36		
1,2-Dichloroethane-d4	0.02500	102	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	106	70 - 130	19.23	19.25	-0.0200	+/-1.0	
Dibromofluoromethane	0.02500	107	70 - 130	9.83	9.846667	-0.0167	+/-1.0	
Toluene-d8	0.02500	107	70 - 130	14.69	14.715	-0.0250	+/-1.0	
Blank (CH01314-BLK1)				Lab File ID: M340955.D		Analyzed: 08/13/10 14:27		
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	91	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.71	14.715	-0.0050	+/-1.0	
GWMW242 (1008142-06)				Lab File ID: M340965.D		Analyzed: 08/13/10 19:48		
1,2-Dichloroethane-d4	0.02500	90	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	91	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	94	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.7	14.715	-0.0150	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0104	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (CTH0104-CCV1)			Lab File ID: M340974.D		Analyzed: 08/16/10 08:54			
1,2-Dichloroethane-d4	25.00	97	0 - 200	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	25.00	104	0 - 200	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	25.00	101	0 - 200	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	25.00	106	0 - 200	14.7	14.715	-0.0150	+/-1.0	
LCS (CH01616-BS1)			Lab File ID: M340975.D		Analyzed: 08/16/10 09:26			
1,2-Dichloroethane-d4	0.02500	99	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	103	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	104	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	109	70 - 130	14.7	14.715	-0.0150	+/-1.0	
LCS Dup (CH01616-BSD1)			Lab File ID: M340976.D		Analyzed: 08/16/10 09:58			
1,2-Dichloroethane-d4	0.02500	101	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	104	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	106	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	110	70 - 130	14.71	14.715	-0.0050	+/-1.0	
Blank (CH01616-BLK1)			Lab File ID: M340979.D		Analyzed: 08/16/10 11:34			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.7	14.715	-0.0150	+/-1.0	
GWTB01 (1008142-10)			Lab File ID: M340980.D		Analyzed: 08/16/10 12:06			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.54			+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.25			+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.84			+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.71			+/-1.0	
GWMW238D (1008142-08)			Lab File ID: M340981.D		Analyzed: 08/16/10 12:38			
1,2-Dichloroethane-d4	0.02500	85	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	106	70 - 130	14.7	14.715	-0.0150	+/-1.0	
GWMW238S (1008142-09)			Lab File ID: M340982.D		Analyzed: 08/16/10 13:10			
1,2-Dichloroethane-d4	0.02500	85	70 - 130	10.54	10.55167	-0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.24	19.25	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.84	9.846667	-0.0067	+/-1.0	
Toluene-d8	0.02500	106	70 - 130	14.71	14.715	-0.0050	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0104	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMW241 (1008142-07RE1)			Lab File ID: M340983.D		Analyzed: 08/16/10 13:42			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.7	14.715	-0.0150	+/-1.0	
GWMW236s (1008142-03RE1)			Lab File ID: M340984.D		Analyzed: 08/16/10 14:14			
1,2-Dichloroethane-d4	0.02500	87	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	106	70 - 130	14.7	14.715	-0.0150	+/-1.0	
GWMW236s Dup (1008142-04RE1)			Lab File ID: M340985.D		Analyzed: 08/16/10 14:46			
1,2-Dichloroethane-d4	0.02500	89	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	94	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.72	14.715	0.0050	+/-1.0	
GWMW238S (1008142-09RE1)			Lab File ID: M340986.D		Analyzed: 08/16/10 15:18			
1,2-Dichloroethane-d4	0.02500	88	70 - 130	10.55	10.55167	-0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.25	19.25	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	94	70 - 130	9.85	9.846667	0.0033	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.7	14.715	-0.0150	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTG0064	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (CTG0064-CAL1)			Lab File ID: M340467.D			Analyzed: 07/12/10 11:00			
Chlorobenzene-d5	1632945	17.08	1740347	17.08	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	599825	21.47	627192	21.47	96	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1182579	10.52	1151937	10.52	103	50 - 200	0.0000	+/-0.50	
Cal Standard (CTG0064-CAL2)			Lab File ID: M340468.D			Analyzed: 07/12/10 11:32			
Chlorobenzene-d5	1678488	17.07	1740347	17.08	96	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	623765	21.48	627192	21.47	99	50 - 200	0.0100	+/-0.50	
Pentafluorobenzene	1173898	10.53	1151937	10.52	102	50 - 200	0.0100	+/-0.50	
Cal Standard (CTG0064-CAL3)			Lab File ID: M340469.D			Analyzed: 07/12/10 12:04			
Chlorobenzene-d5	1740347	17.08	1740347	17.08	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	627192	21.47	627192	21.47	100	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1151937	10.52	1151937	10.52	100	50 - 200	0.0000	+/-0.50	
Cal Standard (CTG0064-CAL4)			Lab File ID: M340470.D			Analyzed: 07/12/10 12:36			
Chlorobenzene-d5	1652146	17.07	1740347	17.08	95	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	646399	21.48	627192	21.47	103	50 - 200	0.0100	+/-0.50	
Pentafluorobenzene	1144692	10.53	1151937	10.52	99	50 - 200	0.0100	+/-0.50	
Cal Standard (CTG0064-CAL5)			Lab File ID: M340471.D			Analyzed: 07/12/10 13:08			
Chlorobenzene-d5	1678961	17.08	1740347	17.08	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	670018	21.47	627192	21.47	107	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1168594	10.52	1151937	10.52	101	50 - 200	0.0000	+/-0.50	
Cal Standard (CTG0064-CAL6)			Lab File ID: M340472.D			Analyzed: 07/12/10 13:40			
Chlorobenzene-d5	1717663	17.08	1740347	17.08	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	679582	21.47	627192	21.47	108	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1171854	10.52	1151937	10.52	102	50 - 200	0.0000	+/-0.50	
Cal Standard (CTG0064-CAL7)			Lab File ID: M340473.D			Analyzed: 07/12/10 14:12			
Chlorobenzene-d5	1792428	17.07	1740347	17.08	103	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	724416	21.46	627192	21.47	116	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1239980	10.53	1151937	10.52	108	50 - 200	0.0100	+/-0.50	
Secondary Cal Check (CTG0064-SCV1)			Lab File ID: M340476.D			Analyzed: 07/12/10 17:35			
Chlorobenzene-d5	1706128	17.07	1740347	17.08	98	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	636835	21.47	627192	21.47	102	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1188974	10.53	1151937	10.52	103	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0087	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (CTH0087-CCV1)			Lab File ID: M340921.D			Analyzed: 08/12/10 08:48			
Chlorobenzene-d5	1614437	17.08				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	623634	21.47				50 - 200		+/-0.50	
Pentafluorobenzene	1145796	10.52				50 - 200		+/-0.50	
LCS (CH01208-BS1)			Lab File ID: M340922.D			Analyzed: 08/12/10 09:20			
Chlorobenzene-d5	1534198	17.09	1614437	17.08	95	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	602714	21.47	623634	21.47	97	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1118752	10.53	1145796	10.52	98	50 - 200	0.0100	+/-0.50	
LCS Dup (CH01208-BSD1)			Lab File ID: M340923.D			Analyzed: 08/12/10 09:52			
Chlorobenzene-d5	1513705	17.07	1614437	17.08	94	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	600815	21.48	623634	21.47	96	50 - 200	0.0100	+/-0.50	
Pentafluorobenzene	1092527	10.53	1145796	10.52	95	50 - 200	0.0100	+/-0.50	
Blank (CH01208-BLK1)			Lab File ID: M340926.D			Analyzed: 08/12/10 11:30			
Chlorobenzene-d5	1657533	17.08	1614437	17.08	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	508049	21.47	623634	21.47	81	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1195594	10.52	1145796	10.52	104	50 - 200	0.0000	+/-0.50	
GWMW239 (1008142-01)			Lab File ID: M340932.D			Analyzed: 08/12/10 14:42			
Chlorobenzene-d5	1678438	17.08	1614437	17.08	104	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	517708	21.47	623634	21.47	83	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1223625	10.52	1145796	10.52	107	50 - 200	0.0000	+/-0.50	
GWMW240 (1008142-02)			Lab File ID: M340933.D			Analyzed: 08/12/10 15:14			
Chlorobenzene-d5	1706207	17.08	1614437	17.08	106	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	517328	21.47	623634	21.47	83	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1213536	10.52	1145796	10.52	106	50 - 200	0.0000	+/-0.50	
GWMW236s (1008142-03)			Lab File ID: M340934.D			Analyzed: 08/12/10 15:46			
Chlorobenzene-d5	1719503	17.08	1614437	17.08	107	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	522441	21.47	623634	21.47	84	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1231200	10.52	1145796	10.52	107	50 - 200	0.0000	+/-0.50	
GWMW236s Dup (1008142-04)			Lab File ID: M340935.D			Analyzed: 08/12/10 16:19			
Chlorobenzene-d5	1633275	17.08	1614437	17.08	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	508834	21.47	623634	21.47	82	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1183870	10.52	1145796	10.52	103	50 - 200	0.0000	+/-0.50	
GWMW 236D (1008142-05)			Lab File ID: M340936.D			Analyzed: 08/12/10 16:51			
Chlorobenzene-d5	1641421	17.08	1614437	17.08	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	525660	21.47	623634	21.47	84	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1199440	10.52	1145796	10.52	105	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0087	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
GWMW241 (1008142-07)			Lab File ID: M340938.D			Analyzed: 08/12/10 17:55			
Chlorobenzene-d5	1711280	17.08	1614437	17.08	106	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	521708	21.47	623634	21.47	84	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1213093	10.52	1145796	10.52	106	50 - 200	0.0000	+/-0.50	
Matrix Spike (CH01208-MS1)			Lab File ID: M340941.D			Analyzed: 08/12/10 19:31			
Chlorobenzene-d5	1524800	17.07	1614437	17.08	94	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	583660	21.46	623634	21.47	94	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1075323	10.53	1145796	10.52	94	50 - 200	0.0100	+/-0.50	
Matrix Spike Dup (CH01208-MSD1)			Lab File ID: M340942.D			Analyzed: 08/12/10 20:03			
Chlorobenzene-d5	1554836	17.07	1614437	17.08	96	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	593833	21.46	623634	21.47	95	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1106258	10.53	1145796	10.52	97	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0092	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (CTH0092-CCV1)			Lab File ID: M340950.D			Analyzed: 08/13/10 11:31			
Chlorobenzene-d5	1620431	17.07				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	625978	21.46				50 - 200		+/-0.50	
Pentafluorobenzene	1124760	10.51				50 - 200		+/-0.50	
LCS (CH01314-BS1)			Lab File ID: M340951.D			Analyzed: 08/13/10 12:04			
Chlorobenzene-d5	1540100	17.07	1620431	17.07	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	602854	21.45	625978	21.46	96	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1107240	10.52	1124760	10.51	98	50 - 200	0.0100	+/-0.50	
LCS Dup (CH01314-BSD1)			Lab File ID: M340952.D			Analyzed: 08/13/10 12:36			
Chlorobenzene-d5	1521003	17.07	1620431	17.07	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	583114	21.46	625978	21.46	93	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1071156	10.51	1124760	10.51	95	50 - 200	0.0000	+/-0.50	
Blank (CH01314-BLK1)			Lab File ID: M340955.D			Analyzed: 08/13/10 14:27			
Chlorobenzene-d5	1648107	17.07	1620431	17.07	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	510022	21.46	625978	21.46	81	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1165960	10.51	1124760	10.51	104	50 - 200	0.0000	+/-0.50	
GWMW242 (1008142-06)			Lab File ID: M340965.D			Analyzed: 08/13/10 19:48			
Chlorobenzene-d5	1576191	17.07	1620431	17.07	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	471920	21.45	625978	21.46	75	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1109647	10.52	1124760	10.51	99	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0104	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (CTH0104-CCV1)			Lab File ID: M340974.D			Analyzed: 08/16/10 08:54			
Chlorobenzene-d5	1596160	17.07				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	613709	21.47				50 - 200		+/-0.50	
Pentafluorobenzene	1145955	10.52				50 - 200		+/-0.50	
LCS (CH01616-BS1)			Lab File ID: M340975.D			Analyzed: 08/16/10 09:26			
Chlorobenzene-d5	1509503	17.07	1596160	17.07	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	584559	21.47	613709	21.47	95	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1076187	10.52	1145955	10.52	94	50 - 200	0.0000	+/-0.50	
LCS Dup (CH01616-BSD1)			Lab File ID: M340976.D			Analyzed: 08/16/10 09:58			
Chlorobenzene-d5	1532758	17.07	1596160	17.07	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	601405	21.46	613709	21.47	98	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1083814	10.53	1145955	10.52	95	50 - 200	0.0100	+/-0.50	
Blank (CH01616-BLK1)			Lab File ID: M340979.D			Analyzed: 08/16/10 11:34			
Chlorobenzene-d5	1716115	17.07	1596160	17.07	108	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	541229	21.47	613709	21.47	88	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1215774	10.52	1145955	10.52	106	50 - 200	0.0000	+/-0.50	
GWTB01 (1008142-10)			Lab File ID: M340980.D			Analyzed: 08/16/10 12:06			
Chlorobenzene-d5	1765270	17.07	1596160	17.07	111	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	547382	21.46	613709	21.47	89	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1247506	10.53	1145955	10.52	109	50 - 200	0.0100	+/-0.50	
GWMW238D (1008142-08)			Lab File ID: M340981.D			Analyzed: 08/16/10 12:38			
Chlorobenzene-d5	1649311	17.07	1596160	17.07	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	526126	21.47	613709	21.47	86	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1186040	10.52	1145955	10.52	103	50 - 200	0.0000	+/-0.50	
GWMW238S (1008142-09)			Lab File ID: M340982.D			Analyzed: 08/16/10 13:10			
Chlorobenzene-d5	1630451	17.07	1596160	17.07	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	497464	21.46	613709	21.47	81	50 - 200	-0.0100	+/-0.50	
Pentafluorobenzene	1177612	10.53	1145955	10.52	103	50 - 200	0.0100	+/-0.50	
GWMW241 (1008142-07RE1)			Lab File ID: M340983.D			Analyzed: 08/16/10 13:42			
Chlorobenzene-d5	1692585	17.08	1596160	17.07	106	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	530182	21.47	613709	21.47	86	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1204473	10.52	1145955	10.52	105	50 - 200	0.0000	+/-0.50	
GWMW236s (1008142-03RE1)			Lab File ID: M340984.D			Analyzed: 08/16/10 14:14			
Chlorobenzene-d5	1636176	17.08	1596160	17.07	103	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	508204	21.47	613709	21.47	83	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1175952	10.52	1145955	10.52	103	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTH0104	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1007010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
GWMW236s Dup (1008142-04RE1)			Lab File ID: M340985.D			Analyzed: 08/16/10 14:46			
Chlorobenzene-d5	1652785	17.08	1596160	17.07	104	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	521989	21.47	613709	21.47	85	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1168144	10.52	1145955	10.52	102	50 - 200	0.0000	+/-0.50	
GWMW238S (1008142-09RE1)			Lab File ID: M340986.D			Analyzed: 08/16/10 15:18			
Chlorobenzene-d5	1694289	17.08	1596160	17.07	106	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	534169	21.47	613709	21.47	87	50 - 200	0.0000	+/-0.50	
Pentafluorobenzene	1182133	10.52	1145955	10.52	103	50 - 200	0.0000	+/-0.50	

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTG0064	Instrument:	VOA MS3
Calibration:	1007010		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
0G12039	8260 BFB Tune MS-3 AQ	CTG0064-TUN1	M340466.D	07/12/10 10:28
0G12040	8260 ICAL1 MS-3 AQ	CTG0064-CAL1	M340467.D	07/12/10 11:00
0G12041	8260 ICAL2 MS-3 AQ	CTG0064-CAL2	M340468.D	07/12/10 11:32
0G12042	8260 ICAL3 MS-3 AQ	CTG0064-CAL3	M340469.D	07/12/10 12:04
0G12043	8260 ICAL4 MS-3 AQ	CTG0064-CAL4	M340470.D	07/12/10 12:36
0G12044	8260 ICAL5 MS-3 AQ	CTG0064-CAL5	M340471.D	07/12/10 13:08
0G12045	8260 ICAL6 MS-3 AQ	CTG0064-CAL6	M340472.D	07/12/10 13:40
0G12046	8260 ICAL7 MS-3 AQ	CTG0064-CAL7	M340473.D	07/12/10 14:12
0G12047	8260 SCV1 MS-3 AQ	CTG0064-SCV1	M340476.D	07/12/10 17:35

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M340466.D	Injection Date:	07/12/10
Instrument ID:	VOA MS3	Injection Time:	10:28
Sequence:	CTG0064	Lab Sample ID:	CTG0064-TUN1
Calibration:	1007010		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
96	5 - 9% of 95	7.05	PASS
95	Base peak, 100% relative abundance	100	PASS
75	30 - 60% of 95	37.4	PASS
50	15 - 40% of 95	17.3	PASS
177	5 - 9% of 176	6.87	PASS
176	95 - 101% of 174	96.4	PASS
175	5 - 9% of 174	8.12	PASS
174	50 - 100% of 95	64.8	PASS
173	Less than 2% of 174	0	PASS

INITIAL CALIBRATION DATA

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.4	~~0.3205482~~	1	0.3203478	5	0.3053414	10	0.2987705	25	0.3249373	50	0.3332467
1,1,1-Trichloroethane	0.4	~~0.7158613~~	1	0.6807022	5	0.634006	10	0.6172643	25	0.642923	50	0.6414272
1,1,2,2-Tetrachloroethane	0.4	1.410307	1	1.435797	5	1.29914	10	1.191292	25	1.273864	50	1.263895
1,1,2-Trichloroethane	0.4	~~0.4638696~~	1	0.4893952	5	0.4800827	10	0.447983	25	0.4793581	50	0.4877903
1,1-Dichloroethane	0.4	~~0.9744592~~	1	0.9659698	5	0.9327854	10	0.8964748	25	0.9052477	50	0.9162037
1,1-Dichloroethene	0.4	~~0.663962~~	1	0.5732398	5	0.4999839	10	0.4957098	25	0.5094498	50	0.5257605
1,1-Dichloropropene	0.4	~~0.6455171~~	1	0.5856769	5	0.5833305	10	0.5629964	25	0.5947027	50	0.6065239
1,2,3-Trichlorobenzene	0.4	~~0.829096~~	1	0.7734884	5	0.7488935	10	0.7274996	25	0.7848177	50	0.8114871
1,2,3-Trichloropropane	0.4	~~0.905785~~	1	0.8964514	5	0.8748358	10	0.836283	25	0.8530905	50	0.879008
1,2,4-Trichlorobenzene	0.4	~~0.8842162~~	1	0.869919	5	0.8403168	10	0.7911561	25	0.8402341	50	0.9004741
1,2,4-Trimethylbenzene	0.4	~~2.208144~~	1	2.078988	5	2.040029	10	2.009173	25	2.233321	50	2.315359
1,2-Dibromo-3-Chloropropane	0.4	~~0.1296211~~	1	0.171058	5	0.1468051	10	0.1308248	25	0.1356978	50	0.1398418
1,2-Dibromoethane	0.4	~~0.4881518~~	1	0.4250105	5	0.4128487	10	0.4243133	25	0.4572536	50	0.4684155
1,2-Dichlorobenzene	0.4	~~1.521277~~	1	1.38177	5	1.391727	10	1.344089	25	1.418166	50	1.447921
1,2-Dichloroethane	0.4	~~0.6347885~~	1	0.5782657	5	0.6261974	10	0.5833993	25	0.6021279	50	0.5997377
1,2-Dichloropropane	0.4	~~0.5872229~~	1	0.5393995	5	0.575574	10	0.5295748	25	0.5494517	50	0.5703501
1,3,5-Trimethylbenzene	0.4	~~2.225128~~	1	1.888772	5	1.938984	10	1.872098	25	2.059766	50	2.205403
1,3-Dichlorobenzene	0.4	~~1.570666~~	1	1.43211	5	1.394948	10	1.331329	25	1.410331	50	1.430549
1,3-Dichloropropane	0.4	~~0.6384936~~	1	0.5697836	5	0.552048	10	0.5568742	25	0.5965648	50	0.5933766
1,4-Dichlorobenzene	0.4	~~1.87513~~	1	1.611625	5	1.564067	10	1.465813	25	1.522593	50	1.544627
1,4-Dioxane	8		20		100		200		500		1000	
1,4-Dioxane - Screen	8	~~4.328463E-03~~	20	4.482928E-03	100	3.863493E-03	200	4.160289E-03	500	4.269575E-03	1000	4.463163E-03
1-Chlorohexane	0.4	~~0.4629289~~	1	0.3224628	5	0.2771488	10	0.2898654	25	0.3158715	50	0.3249561
2,2-Dichloropropane	0.4	~~0.6383823~~	1	0.5710249	5	0.5506638	10	0.5222409	25	0.5290434	50	0.5326453
2-Butanone	2	~~0.4157967~~	5	0.4012614	25	0.398461	50	0.3999163	125	0.4196823	250	0.4380376
2-Chlorotoluene	0.4	~~1.938586~~	1	1.896788	5	1.88412	10	1.71936	25	1.856956	50	1.959822
2-Hexanone	2	~~0.318244~~	5	0.2513929	25	0.2262629	50	0.2449245	125	0.2786112	250	0.2831633
4-Chlorotoluene	0.4	~~1.957654~~	1	1.93831	5	1.961776	10	1.870776	25	1.988532	50	2.052557
4-Isopropyltoluene	0.4	~~2.284625~~	1	2.046163	5	2.071527	10	2.054455	25	2.193826	50	2.357721
4-Methyl-2-Pentanone	2	~~0.1634669~~	5	0.1945186	25	0.1891961	50	0.1866795	125	0.2084229	250	0.2150601
Acetone	2	~~0.5174073~~	5	0.1814723	25	0.1544928	50	0.1369338	125	0.1420478	250	0.1440875

INITIAL CALIBRATION DATA

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Benzene	0.4	~~2.338639~~	1	2.115367	5	2.05579	10	1.963816	25	2.062964	50	2.111647
Bromobenzene	0.4	~~0.9447547~~	1	0.8584563	5	0.9091474	10	0.8889749	25	0.9467955	50	0.9767063
Bromochloromethane	0.4	~~0.4728542~~	1	0.409746	5	0.3959809	10	0.3816616	25	0.3988211	50	0.3966902
Bromodichloromethane	0.4	0.7137472	1	0.6624085	5	0.6373135	10	0.6283262	25	0.6732381	50	0.7017052
Bromoform	0.4	~~0.2366506~~	1	0.1998227	5	0.2189391	10	0.2340456	25	0.2600823	50	0.2776511
Bromomethane	0.4	~~0.7722~~	1	0.4716764	5	0.3586524	10	0.328346	25	0.3847829	50	0.4056491
Carbon Disulfide	0.4	~~1.729324~~	1	1.550774	5	1.470297	10	1.458999	25	1.562586	50	1.615111
Carbon Tetrachloride	0.4	~~0.5736932~~	1	0.4978925	5	0.5059999	10	0.499001	25	0.5243044	50	0.5359768
Chlorobenzene	0.4	~~1.069463~~	1	0.969712	5	0.9062331	10	0.9286921	25	0.9693912	50	0.9928423
Chloroethane	0.4	~~0.5536099~~	1	0.3714974	5	0.3165928	10	0.2906459	25	0.2961131	50	0.2885829
Chloroform	0.4	~~1.057012~~	1	0.9603901	5	0.9309754	10	0.8970513	25	0.9235106	50	0.9326213
Chloromethane	0.4	~~1.050036~~	1	0.8591462	5	0.6980286	10	0.6360314	25	0.6235048	50	0.6145181
cis-1,2-Dichloroethene	0.4	~~0.7974626~~	1	0.7530893	5	0.6850678	10	0.6584719	25	0.672444	50	0.6882393
cis-1,3-Dichloropropene	0.4	0.7561334	1	0.7067054	5	0.6918477	10	0.6809976	25	0.7641816	50	0.8043647
Dibromochloromethane	0.4	0.4370554	1	0.375591	5	0.3672227	10	0.3785425	25	0.4259259	50	0.4381162
Dibromomethane	0.4	~~0.455255~~	1	0.5187418	5	0.4973623	10	0.4544781	25	0.4939876	50	0.4943453
Dichlorodifluoromethane	0.4	~~0.5796653~~	1	0.5366097	5	0.4696481	10	0.4502783	25	0.4604627	50	0.4655665
Diethyl Ether	0.4	~~0.4337448~~	1	0.3556101	5	0.3788619	10	0.3702765	25	0.3906061	50	0.4189946
Di-isopropyl ether	0.4	~~2.460671~~	1	2.012973	5	1.968558	10	1.888988	25	2.015538	50	2.080943
Ethyl tertiary-butyl ether	0.4	~~1.557771~~	1	1.471742	5	1.450001	10	1.407903	25	1.526473	50	1.557607
Ethylbenzene	0.4	~~1.258195~~	1	1.187214	5	1.093417	10	1.131646	25	1.232676	50	1.274008
Hexachlorobutadiene	0.4	0.4892052	1	0.4163427	5	0.3823072	10	0.3551212	25	0.3685304	50	0.3903017
Hexachloroethane	0.4	~~0.488059~~	1	0.4253605	5	0.3944406	10	0.390498	25	0.4280243	50	0.4697012
Isopropylbenzene	0.4	~~2.812591~~	1	2.493968	5	2.470256	10	2.4417	25	2.638975	50	2.769313
Methyl tert-Butyl Ether	0.4	~~1.299543~~	1	1.185452	5	1.184839	10	1.167259	25	1.224332	50	1.26228
Methylene Chloride	0.4	~~0.9689628~~	1	0.7858647	5	0.6977335	10	0.6498779	25	0.6624491	50	0.6585065
Naphthalene	0.4	~~2.122807~~	1	2.031735	5	1.887907	10	1.835182	25	2.018408	50	2.14615
n-Butylbenzene	0.4	~~2.018922~~	1	1.792342	5	1.782732	10	1.755715	25	1.935296	50	2.092594
n-Propylbenzene	0.4	~~2.945442~~	1	2.796285	5	2.66247	10	2.637609	25	2.850476	50	3.032488
sec-Butylbenzene	0.4	~~2.640874~~	1	2.46944	5	2.511201	10	2.464001	25	2.686623	50	2.795889
Styrene	0.4	~~0.7745209~~	1	0.7426773	5	0.7436994	10	0.7883202	25	0.8963317	50	0.9521318

INITIAL CALIBRATION DATA

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	1007010	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	07/12/10 00:00

	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
Compound	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
tert-Butylbenzene	0.4	~~1.748114~~	1	1.589461	5	1.555002	10	1.560565	25	1.657476	50	1.786074
Tertiary-amyl methyl ether	0.4	~~1.405509~~	1	1.278028	5	1.200652	10	1.189449	25	1.289574	50	1.325071
Tetrachloroethene	0.4	~~0.2990762~~	1	0.2594299	5	0.2202061	10	0.2303232	25	0.2412057	50	0.2578448
Tetrahydrofuran	0.4	~~0.2776242~~	1	~~0.212774~~	5	0.1856352	10	0.1566666	25	0.1574739	50	0.1452293
Toluene	0.4	~~1.146224~~	1	1.131018	5	1.174878	10	1.126183	25	1.222567	50	1.257498
trans-1,2-Dichloroethene	0.4	~~0.7172354~~	1	0.6819374	5	0.6150814	10	0.5779415	25	0.6197867	50	0.6252601
trans-1,3-Dichloropropene	0.4	0.5343723	1	0.4658625	5	0.5309796	10	0.5436135	25	0.607382	50	0.6561794
Trichloroethene	0.4	~~0.6421875~~	1	0.6025225	5	0.564076	10	0.5465641	25	0.5726351	50	0.5823247
Trichlorofluoromethane	0.4	~~0.9002041~~	1	0.893242	5	0.8435227	10	0.8134372	25	0.8289218	50	0.8304985
Vinyl Acetate	0.4	~~1.695341~~	1	1.164411	5	0.999243	10	0.9356381	25	1.029049	50	1.07891
Vinyl Chloride	0.4	~~0.6751135~~	1	0.5992216	5	0.519781	10	0.5092418	25	0.5092299	50	0.5138426
Xylene O	0.4	~~0.4774732~~	1	0.4769769	5	0.4564923	10	0.4698677	25	0.5221027	50	0.5274894
Xylene P,M	0.8	~~0.4609961~~	2	0.4251892	10	0.4395833	20	0.4600638	50	0.5001897	100	0.5210245
1,2-Dichloroethane-d4	0.4	~~0.6032367~~	1	0.5339902	5	0.5077708	10	0.4851218	25	0.4921632	50	0.4966984
4-Bromofluorobenzene	0.4	~~0.6810548~~	1	0.4024009	5	0.3618991	10	0.3807245	25	0.4008199	50	0.4124363
Dibromofluoromethane	0.4	~~0.7818717~~	1	0.6956098	5	0.7012493	10	0.6713924	25	0.7140247	50	0.711211
Toluene-d8	0.4	~~1.332791~~	1	1.1229	5	1.087783	10	1.116949	25	1.211491	50	1.239945

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	100	0.3472854										
1,1,1-Trichloroethane	100	0.6576364										
1,1,2,2-Tetrachloroethane	100	1.295705										
1,1,2-Trichloroethane	100	0.501574										
1,1-Dichloroethane	100	0.9326888										
1,1-Dichloroethene	100	0.5341883										
1,1-Dichloropropene	100	0.6254458										
1,2,3-Trichlorobenzene	100	0.844845										
1,2,3-Trichloropropane	100	0.8796931										
1,2,4-Trichlorobenzene	100	0.9388425										
1,2,4-Trimethylbenzene	100	2.445491										
1,2-Dibromo-3-Chloropropane	100	0.1491056										
1,2-Dibromoethane	100	0.4897237										
1,2-Dichlorobenzene	100	1.494506										
1,2-Dichloroethane	100	0.6091506										
1,2-Dichloropropane	100	0.5805328										
1,3,5-Trimethylbenzene	100	2.264937										
1,3-Dichlorobenzene	100	1.465301										
1,3-Dichloropropane	100	0.6205442										
1,4-Dichlorobenzene	100	1.564767										
1,4-Dioxane	2000											
1,4-Dioxane - Screen	2000	4.669299E-03										
1-Chlorohexane	100	0.3490554										
2,2-Dichloropropane	100	0.532185										
2-Butanone	500	0.4543065										
2-Chlorotoluene	100	2.018867										
2-Hexanone	500	0.3114357										
4-Chlorotoluene	100	2.137587										
4-Isopropyltoluene	100	2.416293										
4-Methyl-2-Pentanone	500	0.2269759										
Acetone	500	0.1473945										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Benzene	100	2.204642										
Bromobenzene	100	1.013264										
Bromochloromethane	100	0.4025974										
Bromodichloromethane	100	0.7225733										
Bromoform	100	0.3088529										
Bromomethane	100	0.4292636										
Carbon Disulfide	100	1.675368										
Carbon Tetrachloride	100	0.5504881										
Chlorobenzene	100	1.031562										
Chloroethane	100	0.2919075										
Chloroform	100	0.9385807										
Chloromethane	100	0.5988127										
cis-1,2-Dichloroethene	100	0.6969683										
cis-1,3-Dichloropropene	100	0.857283										
Dibromochloromethane	100	0.4760778										
Dibromomethane	100	0.5033952										
Dichlorodifluoromethane	100	0.4740554										
Diethyl Ether	100	0.4281148										
Di-isopropyl ether	100	2.162247										
Ethyl tertiary-butyl ether	100	1.624011										
Ethylbenzene	100	1.355446										
Hexachlorobutadiene	100	0.3840142										
Hexachloroethane	100	0.4859611										
Isopropylbenzene	100	2.872918										
Methyl tert-Butyl Ether	100	1.304772										
Methylene Chloride	100	0.6604082										
Naphthalene	100	2.293705										
n-Butylbenzene	100	2.14426										
n-Propylbenzene	100	3.179814										
sec-Butylbenzene	100	2.908147										
Styrene	100	1.017799										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
tert-Butylbenzene	100	1.871832										
Tertiary-amyl methyl ether	100	1.389882										
Tetrachloroethene	100	0.2471527										
Tetrahydrofuran	100	0.1557733										
Toluene	100	1.314898										
trans-1,2-Dichloroethene	100	0.63084										
trans-1,3-Dichloropropene	100	0.7188991										
Trichloroethene	100	0.5891768										
Trichlorofluoromethane	100	0.8240359										
Vinyl Acetate	100	1.182063										
Vinyl Chloride	100	0.5044674										
Xylene O	100	0.5547237										
Xylene P,M	200	0.5476975										
1,2-Dichloroethane-d4	100	0.4948029										
4-Bromofluorobenzene	100	0.4362852										
Dibromofluoromethane	100	0.7225413										
Toluene-d8	100	1.296269										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3216548	5.550289	17.00667	3.486882E-02			15	
1,1,1-Trichloroethane	0.6456599	3.349826	10.815	5.187981E-02			15	
1,1,2,2-Tetrachloroethane	1.31	6.517053	18.48429	2.773711E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.4810305	3.75754	14.51	1.931351E-02			15	
1,1-Dichloroethane	0.924895	2.683214	8.445	6.208679E-02			SPCC (0.1)	
1,1-Dichloroethene	0.5230553	5.484636	6.768333	0.1112669			CCC (30)	
1,1-Dichloropropene	0.5931127	3.604881	11.11667	4.489186E-02			15	
1,2,3-Trichlorobenzene	0.7818385	5.416112	25.02667	1.458681E-02			15	
1,2,3-Trichloropropane	0.8698936	2.476696	18.74833	2.179282E-02			15	
1,2,4-Trichlorobenzene	0.8634904	5.994651	24.38333	1.306078E-02			15	
1,2,4-Trimethylbenzene	2.18706	7.928208	21.18833	1.172811E-02			15	
1,2-Dibromo-3-Chloropropane	0.1455555	9.770984	22.55833	2.207337E-02			15	
1,2-Dibromoethane	0.4462609	6.760021	15.72667	3.573494E-02			15	
1,2-Dichlorobenzene	1.41303	3.753607	21.955	1.731398E-02			15	
1,2-Dichloroethane	0.5998131	2.90911	10.675	5.138284E-02			15	
1,2-Dichloropropane	0.5574805	3.757981	12.39667	4.607553E-02			CCC (30)	
1,3,5-Trimethylbenzene	2.038327	8.197365	20.60167	3.746116E-02			15	
1,3-Dichlorobenzene	1.410761	3.229912	21.415	2.597218E-02			15	
1,3-Dichloropropane	0.5815319	4.551938	14.90833	4.989304E-02			15	
1,4-Dichlorobenzene	1.545582	3.164919	21.50167	1.953743E-02			15	
1,4-Dioxane							15	
1,4-Dioxane - Screen	4.318125E-03	6.594836	12.76	0.1784501			15	
1-Chlorohexane	0.3132267	8.27726	17.04	9.315157E-03			15	
2,2-Dichloropropane	0.5396339	3.341819	9.775	5.567984E-02			15	
2-Butanone	0.4186109	5.560689	9.166667	0.1639148			15	
2-Chlorotoluene	1.889319	5.385777	20.22833	5.005803E-03			15	
2-Hexanone	0.2659651	11.59437	15.18833	6.322748E-02			15	
4-Chlorotoluene	1.99159	4.676135	20.36833	1.004492E-02			15	
4-Isopropyltoluene	2.189998	7.431882	21.58833	0.0235086			15	
4-Methyl-2-Pentanone	0.2034755	7.854684	13.77833	5.584026E-02			15	
Acetone	0.1510714	10.589	6.163333	0.1329311			15	
Benzene	2.085704	3.833685	11.45	5.517368E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	1008142
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	1007010	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	07/12/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromobenzene	0.9322241	6.181452	19.655	3.128908E-02			15	
Bromochloromethane	0.3975829	2.336453	9.583333	5.262206E-02			15	
Bromodichloromethane	0.6770446	5.463209	12.53429	4.704905E-02			15	
Bromoform	0.249899	16.07328	17.95667	1.849862E-02	0.99863		SPCC (0.1)	
Bromomethane	0.3963951	12.87499	4.798333	0.082604			15	
Carbon Disulfide	1.555522	5.345209	7.318333	5.396708E-02			15	
Carbon Tetrachloride	0.5189438	4.152963	11.38333	0.048007			15	
Chlorobenzene	0.9664055	4.629251	17.13	0.0222603			SPCC (0.3)	
Chloroethane	0.3092233	10.40417	5.028333	0.1490065			15	
Chloroform	0.9305216	2.218652	9.665	5.807705E-02			CCC (30)	
Chloromethane	0.6716736	14.58839	3.873333	0.2103651			SPCC (0.1)	
cis-1,2-Dichloroethene	0.6923801	4.713138	9.336667	5.496763E-02			15	
cis-1,3-Dichloropropene	0.7516448	8.536532	13.57714	5.735247E-02			15	
Dibromochloromethane	0.4140759	9.873838	15.32571	3.473957E-02			15	
Dibromomethane	0.4937184	4.31887	12.335	4.550585E-02			15	
Dichlorodifluoromethane	0.4761034	6.459818	3.595	0.1524446			15	
Diethyl Ether	0.3904107	7.234335	6.343333	0.1282864			15	
Di-isopropyl ether	2.021541	4.630595	9.185	6.108657E-02			15	
Ethyl tertiary-butyl ether	1.50629	5.222442	9.796667	5.112875E-02			15	
Ethylbenzene	1.212401	7.909683	17.47167	0.0156359			CCC (30)	
Hexachlorobutadiene	0.3979747	11.17292	24.82143	2.372292E-02			15	
Hexachloroethane	0.432331	8.973618	22.635	3.022819E-02			15	
Isopropylbenzene	2.614522	6.767614	19.195	2.821611E-02			15	
Methyl tert-Butyl Ether	1.221489	4.361439	8.261667	8.886928E-02			15	
Methylene Chloride	0.6858067	7.543138	7.015	7.710876E-02			15	
Naphthalene	2.035515	8.253758	24.73167	1.324705E-02			15	
n-Butylbenzene	1.917156	8.802491	22.10833	4.841456E-03			15	
n-Propylbenzene	2.859857	7.411943	20.075	2.908509E-02			15	
sec-Butylbenzene	2.639217	7.089173	21.33167	3.560978E-02			15	
Styrene	0.8568266	13.51788	18.37667	3.076054E-02			15	
tert-Butylbenzene	1.670068	7.85533	21.01	1.122768E-02			15	
Tertiary-amyl methyl ether	1.278776	5.923365	11.73	2.334138E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 07/12/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrachloroethene	0.2426937	6.357946	16.015	2.991747E-02			15	
Tetrahydrofuran	0.1601557	9.420751	10.202	0.1271555			15	
Toluene	1.204507	6.183152	14.825	3.329537E-02			CCC (30)	
trans-1,2-Dichloroethene	0.6251412	5.361047	8.065	6.732052E-02			15	
trans-1,3-Dichloropropene	0.5796126	14.88844	14.27714	5.537995E-02			15	
Trichloroethene	0.5762165	3.415605	12.46	9.719611E-03			15	
Trichlorofluoromethane	0.838943	3.377208	5.93	3.93586E-03			15	
Vinyl Acetate	1.064886	9.020011	8.711667	0.1110299			15	
Vinyl Chloride	0.5259641	6.893844	4.165	0.2519181			CCC (30)	
Xylene O	0.5012755	7.757131	18.49667	2.892677E-02			15	
Xylene P,M	0.4822913	10.02019	17.805	2.662167E-02			15	
1,2-Dichloroethane-d4	0.5017579	3.472487	10.55167	7.230309E-02			15	
4-Bromofluorobenzene	0.3990943	6.433317	19.25	0.044458			15	
Dibromofluoromethane	0.7026714	2.567074	9.846667	8.192294E-02			15	
Toluene-d8	1.179223	6.976414	14.715	3.371368E-02			15	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Laboratory ID: CTG0064-SCV1
Sequence: CTG0064
Standard ID: 0G12047

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
1,1,1,2-Tetrachloroethane	10.00	9.70	-3.0	
1,1,1-Trichloroethane	10.00	9.69	-3.1	
1,1,2,2-Tetrachloroethane	10.00	9.79	-2.1	
1,1,2-Trichloroethane	10.00	9.91	-0.9	
1,1-Dichloroethane	10.00	9.87	-1.3	
1,1-Dichloroethene	10.00	10.7	7.1	
1,1-Dichloropropene	10.00	9.79	-2.1	
1,2,3-Trichlorobenzene	10.00	9.88	-1.2	
1,2,3-Trichloropropane	10.00	9.91	-0.9	
1,2,4-Trichlorobenzene	10.00	9.48	-5.2	
1,2,4-Trimethylbenzene	10.00	9.71	-2.9	
1,2-Dibromo-3-Chloropropane	10.00	9.84	-1.6	
1,2-Dibromoethane	10.00	9.92	-0.8	
1,2-Dichlorobenzene	10.00	10.2	2.1	
1,2-Dichloroethane	10.00	9.81	-1.9	
1,2-Dichloropropane	10.00	9.94	-0.6	
1,3,5-Trimethylbenzene	10.00	9.76	-2.4	
1,3-Dichlorobenzene	10.00	10.0	0.5	
1,3-Dichloropropane	10.00	9.99	-0.1	
1,4-Dichlorobenzene	10.00	9.73	-2.7	
1,4-Dioxane - Screen	200.0	145	-27.5	
1-Chlorohexane	10.00	9.46	-5.4	
2,2-Dichloropropane	10.00	9.89	-1.1	
2-Butanone	50.00	50.5	1.0	
2-Chlorotoluene	10.00	10.2	1.9	
2-Hexanone	50.00	48.8	-2.3	
4-Chlorotoluene	10.00	9.71	-2.9	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Laboratory ID: CTG0064-SCV1
Sequence: CTG0064
Standard ID: 0G12047

4-Isopropyltoluene	10.00	9.33	-6.7	
4-Methyl-2-Pentanone	50.00	46.1	-7.8	
Acetone	50.00	53.3	6.7	
Benzene	10.00	9.75	-2.5	
Bromobenzene	10.00	10.3	3.0	
Bromochloromethane	10.00	9.91	-0.9	
Bromodichloromethane	10.00	9.48	-5.2	
Bromoform	10.00	9.54	-4.6	
Bromomethane	10.00	8.77	-12.3	
Carbon Disulfide	10.00	10.8	8.1	
Carbon Tetrachloride	10.00	9.82	-1.8	
Chlorobenzene	10.00	9.87	-1.3	
Chloroethane	10.00	9.17	-8.3	
Chloroform	10.00	9.82	-1.8	
Chloromethane	10.00	8.69	-13.1	
cis-1,2-Dichloroethene	10.00	10.0	0.0	
cis-1,3-Dichloropropene	10.00	9.36	-6.4	
Dibromochloromethane	10.00	9.49	-5.1	
Dibromomethane	10.00	9.52	-4.8	
Dichlorodifluoromethane	10.00	9.29	-7.1	
Diethyl Ether	10.00	10.3	2.6	
Di-isopropyl ether	10.00	9.46	-5.4	
Ethyl tertiary-butyl ether	10.00	9.21	-7.9	
Ethylbenzene	10.00	9.61	-3.9	
Hexachlorobutadiene	10.00	11.0	10.5	
Hexachloroethane	10.00	9.15	-8.5	
Isopropylbenzene	10.00	8.53	-14.7	
Methyl tert-Butyl Ether	10.00	9.55	-4.5	
Methylene Chloride	10.00	10.1	1.0	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

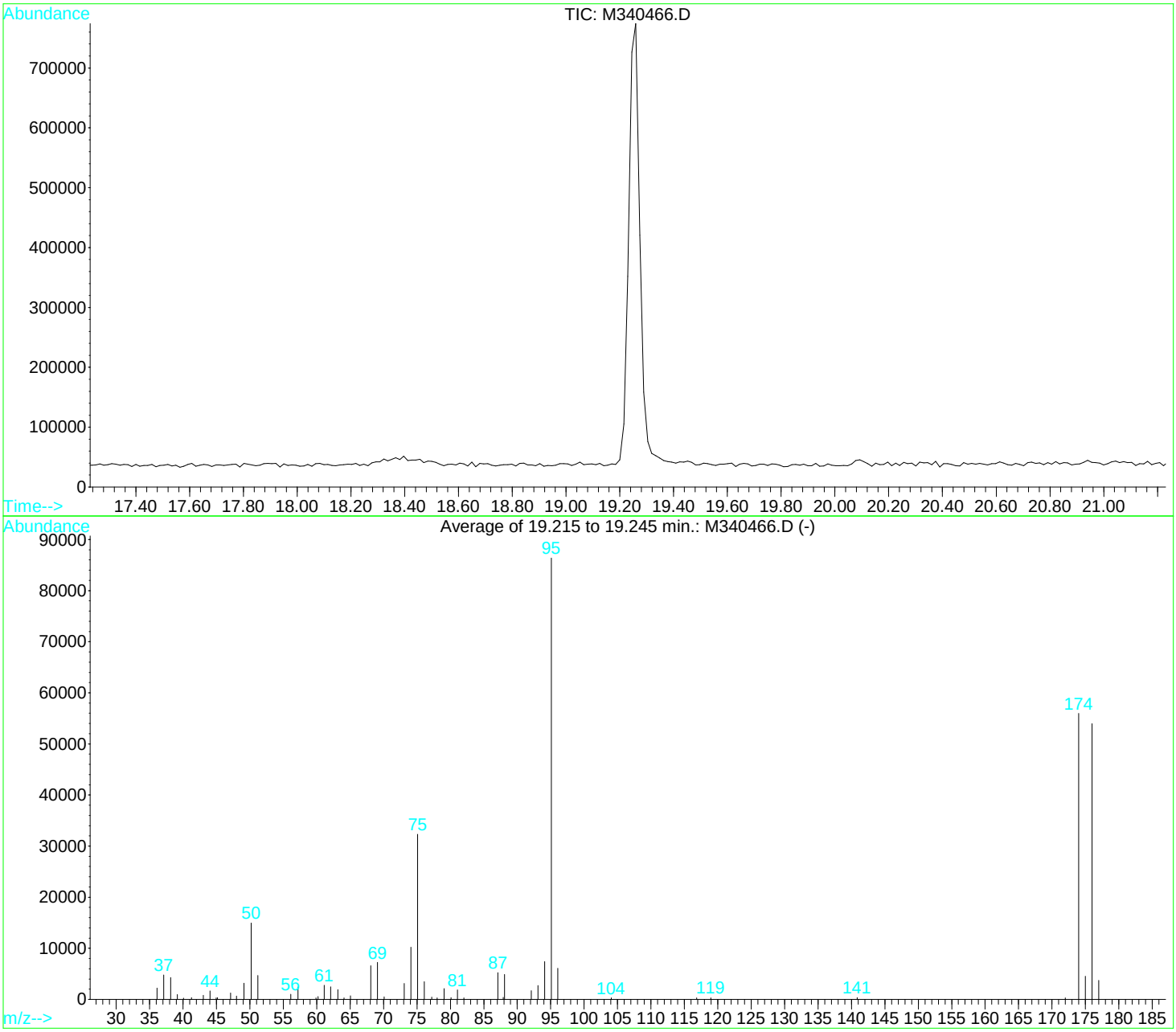
Laboratory: ESS Laboratory
SDG: 1008142
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1007010
Laboratory ID: CTG0064-SCV1
Sequence: CTG0064
Standard ID: 0G12047

Naphthalene	10.00	9.19	-8.1	
n-Butylbenzene	10.00	9.99	-0.1	
n-Propylbenzene	10.00	9.69	-3.1	
sec-Butylbenzene	10.00	9.96	-0.4	
Styrene	10.00	9.35	-6.5	
tert-Butylbenzene	10.00	9.77	-2.3	
Tertiary-amyl methyl ether	10.00	9.40	-6.0	
Tetrachloroethene	10.00	9.76	-2.4	
Tetrahydrofuran	10.00	10.3	2.9	
Toluene	10.00	9.87	-1.3	
trans-1,2-Dichloroethene	10.00	9.29	-7.1	
trans-1,3-Dichloropropene	10.00	8.66	-13.4	
Trichloroethene	10.00	9.85	-1.5	
Trichlorofluoromethane	10.00	8.71	-12.9	
Vinyl Acetate	10.00	11.3	12.6	
Vinyl Chloride	10.00	9.46	-5.4	
Xylene O	10.00	9.51	-4.9	
Xylene P,M	20.00	19.7	-1.4	

* Values outside of QC limits

BFB

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340466.D Vial: 1
Acq On : 12 Jul 2010 10:28 am Operator: MD
Sample : CTG0064-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023



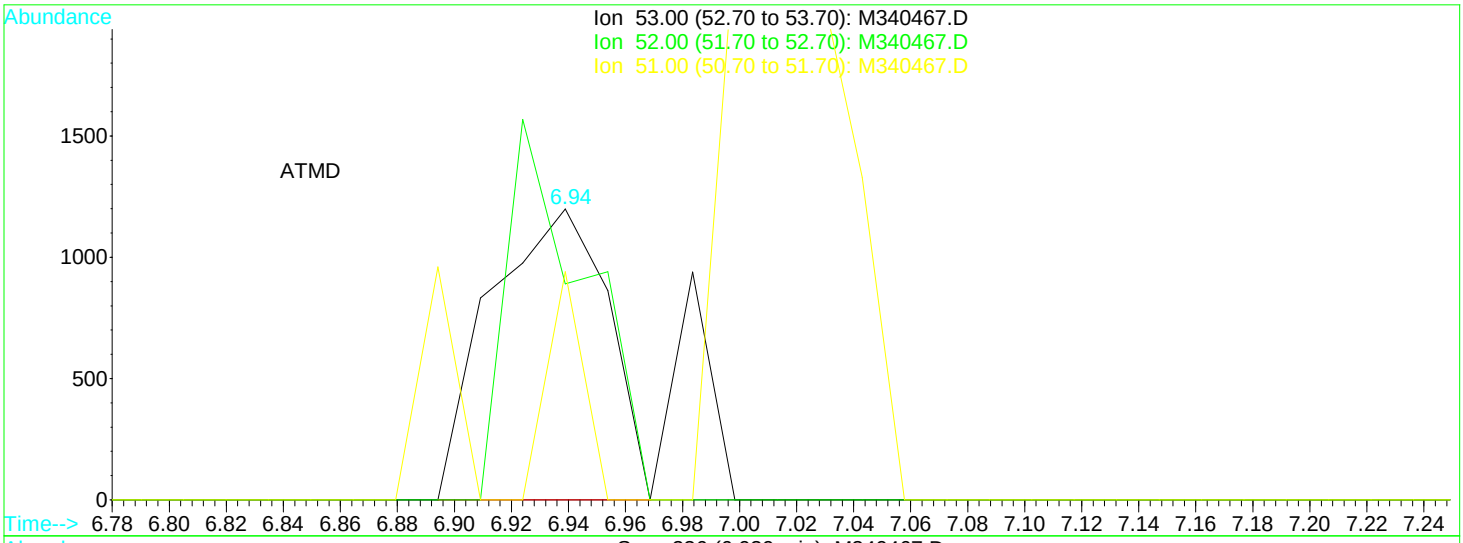
Spectrum Information: Average of 19.215 to 19.245 min.

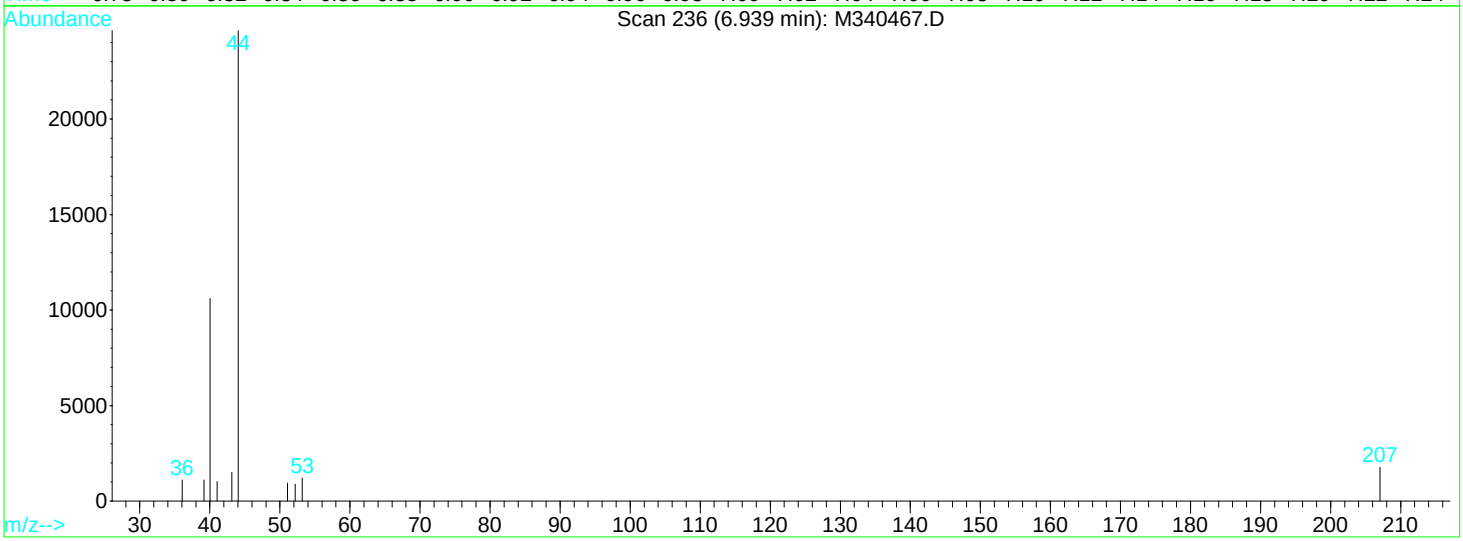
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	14966	PASS
75	95	30	60	37.4	32292	PASS
95	95	100	100	100.0	86387	PASS
96	95	5	9	7.0	6087	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.8	55955	PASS
175	174	5	9	8.1	4543	PASS
176	174	95	101	96.4	53955	PASS
177	176	5	9	6.9	3709	PASS

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Multiple Level Calibration





TIC: M340467.D

(19) Acrylonitrile

6.94min 0.23ug/l m

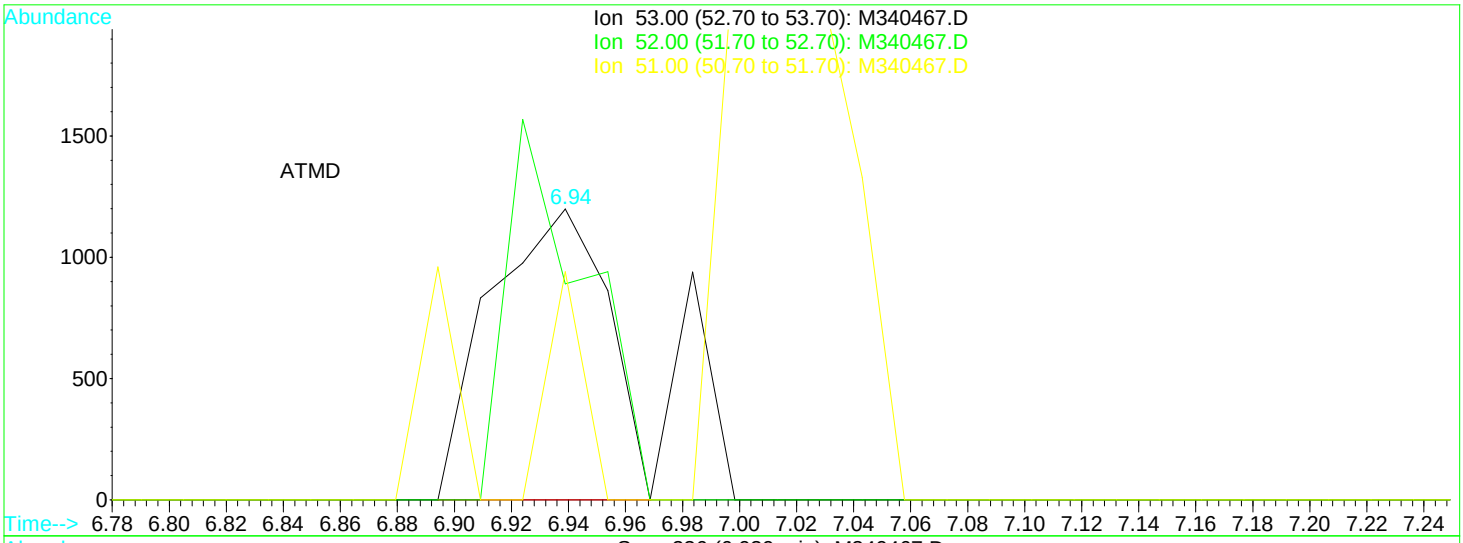
response 3454

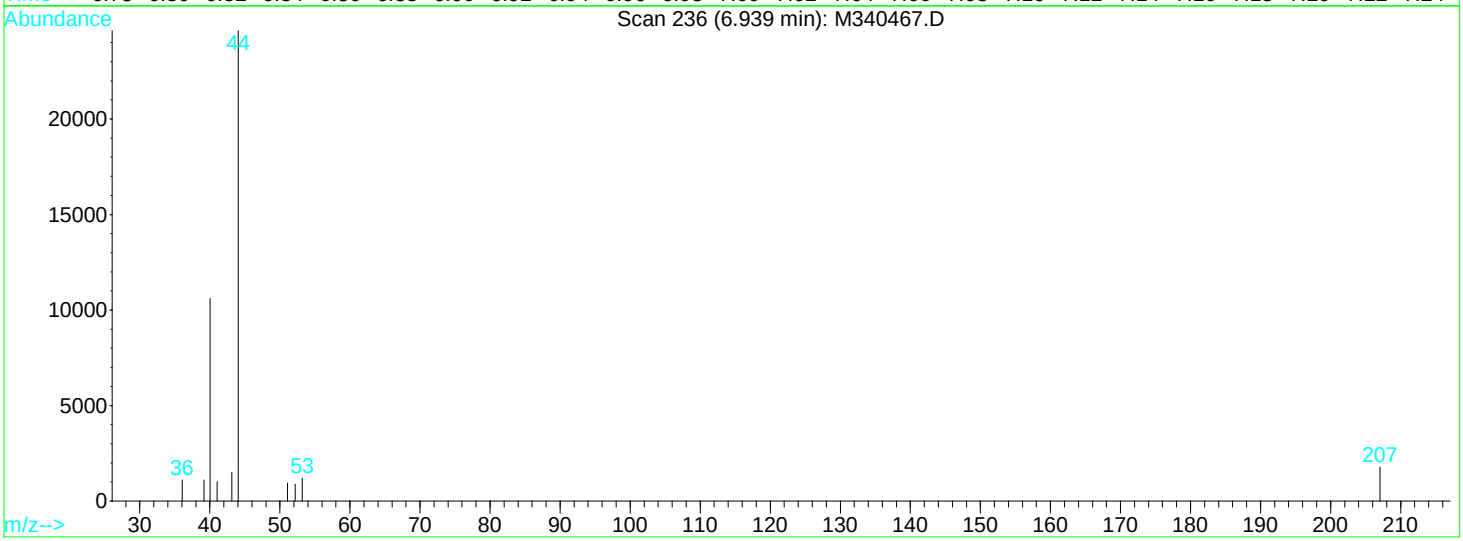
Ion	Exp%	Act%
53.00	100	100
52.00	80.10	74.23
51.00	35.20	78.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Multiple Level Calibration





TIC: M340467.D

(19) Acrylonitrile

6.94min 0.23ug/l m

response 3454

Ion	Exp%	Act%
53.00	100	100
52.00	80.10	74.23
51.00	35.20	78.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	10.52	168	1182579	25.00	ug/l		0.00
58) Chlorobenzene-d5	17.08	117	1632945	25.00	ug/l		0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	599825	25.00	ug/l		0.00
System Monitoring Compounds							
34) Dibromofluoromethane(SURR)	9.85	111	14794	0.50	ug/l		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	2.00%#			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	11414	0.54	ug/l		0.00
Spiked Amount 25.000			Recovery =	2.16%			
59) Toluene-d8 (SURR)	14.72	98	34822	0.44	ug/l		0.00
Spiked Amount 25.000			Recovery =	1.76%			
75) Bromofluorobenzene (SURR)	19.25	95	17794	0.68	ug/l		0.00
Spiked Amount 25.000			Recovery =	2.72%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.59	85	10968	0.42	ug/l		88
3) Chloromethane	3.87	50	19868	0.57	ug/l		94
4) Vinyl Chloride	4.17	62	12774	0.48	ug/l		82
5) Bromomethane	4.80	94	14611	0.79	ug/l	#	63
6) Chloroethane	5.04	64	10475	0.34	ug/l	#	57
7) Trichlorofluoromethane	5.93	101	17033	0.44	ug/l		94
8) Diethyl ether	6.36	59	8207	0.37	ug/l		81
9) Acrolein	5.94	56	8251	Below Cal			89
10) Acetone	6.18	43	48950	6.23	ug/l		97
11) Iodomethane	6.80	142	11011	0.28	ug/l		88
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	8591	0.41	ug/l		98
13) Methyl Acetate	7.16	43	15585	0.54	ug/l		99
14) Allyl Chloride	7.16	41	23216	0.47	ug/l		93
15) Carbon Disulfide	7.31	76	32721	0.42	ug/l		97
16) 1,1-Dichloroethene	6.78	96	12563	0.49	ug/l		88
17) Methylene Chloride	7.01	84	18334	0.57	ug/l		91
18) Methyl tert-Butyl Ether	8.26	73	24589	0.37	ug/l		84
19) Acrylonitrile	6.94	53	3454m	0.23	ug/l		
20) trans-1,2-Dichloroethene	8.07	96	13571	0.46	ug/l		88
21) 1,1-Dichloroethane	8.44	63	18438	0.41	ug/l		87
22) Vinyl Acetate	8.72	43	32078	0.50	ug/l		79
23) Chloroprene	9.02	53	12403	0.38	ug/l		90
24) 2-Butanone	9.20	43	39337	1.76	ug/l		94
25) Di-isopropyl ether	9.18	45	46559	0.41	ug/l		89
26) Methacrylonitrile	9.32	41	13201	0.65	ug/l		92
27) cis-1,2 Dichloroethene	9.35	96	15089	0.47	ug/l		88
28) Methyl Acrylate	9.81	55	10972	0.41	ug/l		62
29) Ethyl tertiary-butyl ether	9.79	59	29475	0.35	ug/l		93
30) 2,2-Dichloropropane	9.78	77	12079	0.44	ug/l		77
31) Bromochloromethane	9.59	128	8947	0.47	ug/l	#	77
32) Tetrahydrofuran	10.24	42	5253	0.61	ug/l		70
33) Chloroform	9.66	83	20000	0.47	ug/l		86
35) 1-Chlorobutane	10.82	56	20110	0.44	ug/l		96
36) 1,1,1-Trichloroethane	10.82	97	13545	0.45	ug/l		77
37) 1,1-Dichloropropene	11.12	75	12214	0.40	ug/l		83
38) Cyclohexane	11.24	56	12656	0.48	ug/l		82
39) Carbon Tetrachloride	11.39	117	10855	0.46	ug/l		91
40) Benzene	11.46	78	44250	0.43	ug/l		100
42) 1,2-Dichloroethane	10.67	62	12011	0.44	ug/l		92
43) Tertiary-amyl methyl ether	11.73	73	26594	0.37	ug/l		89
44) Trichloroethene	12.46	95	12151	0.45	ug/l		82
45) 1,2-Dichloropropane	12.40	63	11111	0.39	ug/l		82
46) Dibromomethane	12.34	93	8614	0.39	ug/l		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

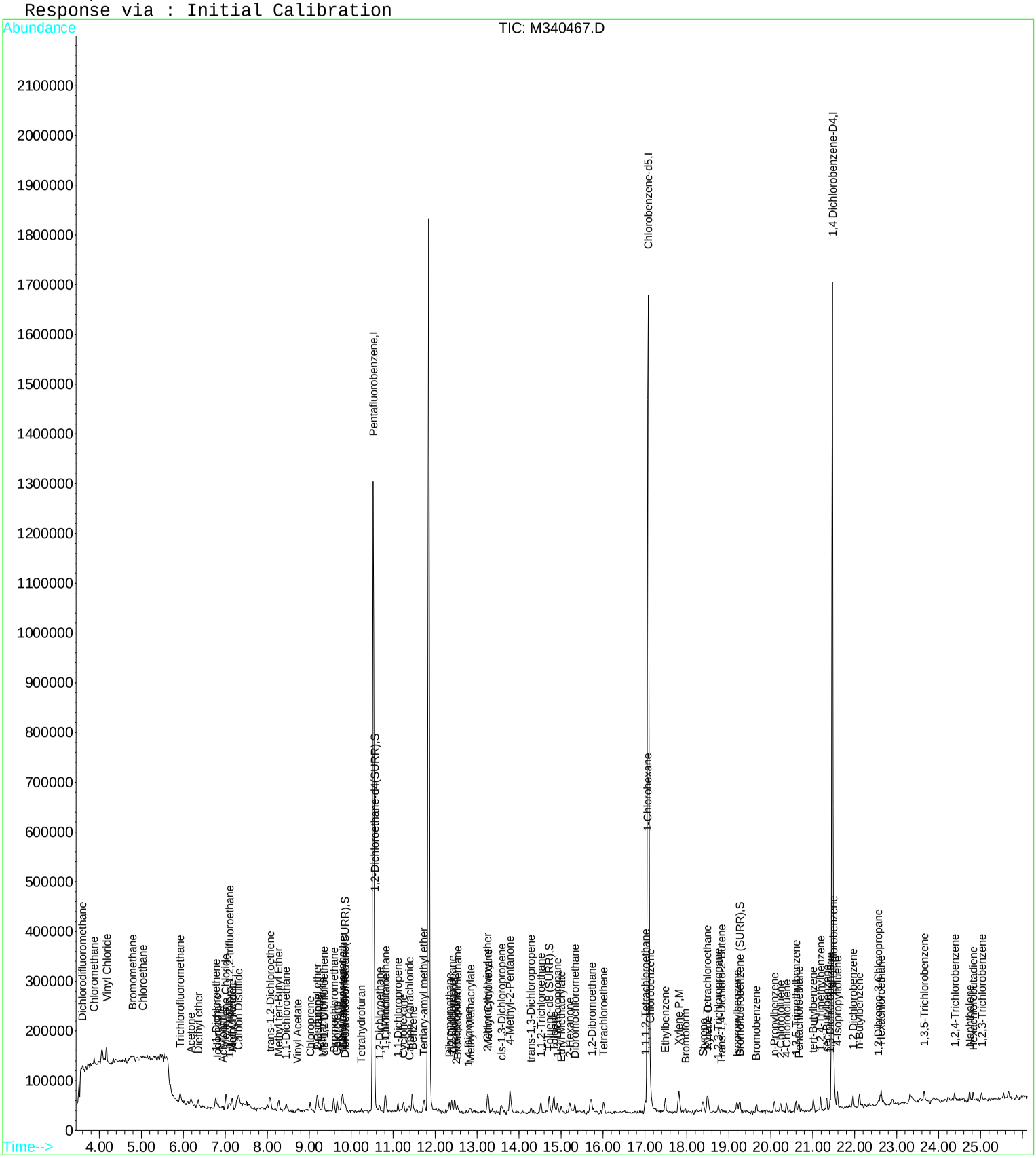
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	2-Nitropropane	12.50	43	5507	0.88 ug/l	100
48)	Bromodichloromethane	12.53	83	13505	0.43 ug/l	92
49)	1,4-Dioxane	12.78	88	1638	6.35 ug/l #	10
50)	Methyl Methacrylate	12.84	41	13083	0.46 ug/l	92
51)	2-Chloroethyl vinyl ether	13.25	63	15042	1.05 ug/l	95
52)	Methyl Cyclohexane	13.26	83	9053	0.36 ug/l	88
53)	4-Methyl-2-Pentanone	13.78	58	15465	1.39 ug/l	92
54)	cis-1,3-Dichloropropene	13.59	75	14307	0.36 ug/l	99
55)	trans-1,3-Dichloropropene	14.29	75	10111	0.32 ug/l #	63
56)	1,1,2-Trichloroethane	14.52	83	8777	0.39 ug/l	98
57)	Toluene	14.84	92	21688	0.36 ug/l	88
60)	Ethyl Methacrylate	15.02	69	10768	0.32 ug/l	94
61)	2-Hexanone	15.21	43	41574	1.96 ug/l	94
62)	1,3-Dichloropropane	14.91	76	16682	0.41 ug/l	90
63)	Tetrachloroethene	16.01	164	7814	0.48 ug/l	86
64)	Dibromochloromethane	15.33	129	11419	0.43 ug/l	91
65)	1,2-Dibromoethane	15.73	107	12754	0.43 ug/l	100
66)	1-Chlorohexane	17.05	91	12095	0.51 ug/l #	52
67)	Chlorobenzene	17.13	112	27942	0.43 ug/l	94
68)	1,1,1,2-Tetrachloroethane	17.01	131	8375	0.40 ug/l	86
69)	Ethylbenzene	17.48	91	32873	0.38 ug/l	97
70)	Xylene P,M	17.81	106	24089	0.71 ug/l	97
71)	Xylene O	18.50	106	12475	0.36 ug/l	93
72)	Styrene	18.39	104	20236	0.32 ug/l	93
73)	Bromoform	17.96	173	6183	0.41 ug/l	82
77)	Trans-1,4-Dichloro-2-Buten	18.82	53	821	1.31 ug/l #	1
78)	1,2,3-Trichloropropane	18.75	75	8693	0.39 ug/l	94
79)	Isopropylbenzene	19.20	105	26993	0.38 ug/l	94
80)	Bromobenzene	19.66	156	9067	0.39 ug/l	93
81)	1,1,2,2-Tetrachloroethane	18.48	83	13535	0.42 ug/l	83
82)	n-Propylbenzene	20.09	91	28268	0.36 ug/l	93
83)	2-Chlorotoluene	20.24	91	18605	0.37 ug/l	97
84)	4-Chlorotoluene	20.37	91	18788	0.35 ug/l	92
85)	1,3,5-Trimethylbenzene	20.61	105	21355	0.38 ug/l	99
86)	Pentachloroethane	20.67	119	6364	0.53 ug/l #	82
87)	tert-Butylbenzene	21.01	119	16777	0.37 ug/l	89
88)	1,2,4-Trimethylbenzene	21.19	105	21192	0.35 ug/l	98
89)	sec-Butylbenzene	21.34	105	25345	0.36 ug/l	100
90)	1,3 Dichlorobenzene	21.41	146	15074	0.44 ug/l	91
91)	4-Isopropyltoluene	21.59	119	21926	0.38 ug/l	93
92)	1,4 Dichlorobenzene	21.50	146	17996	0.48 ug/l	92
93)	n-Butylbenzene	22.11	91	19376	0.37 ug/l	96
94)	1,2 Dichlorobenzene	21.96	146	14600	0.41 ug/l	93
95)	1,2-Dibromo-3-Chloropropan	22.56	75	1244	0.33 ug/l #	55
96)	Hexachloroethane	22.63	117	4684	0.46 ug/l	97
97)	1,3,5-Trichlorobenzene	23.66	180	9382	0.43 ug/l	97
98)	1,2,4-Trichlorobenzene	24.39	180	8486	0.39 ug/l	92
99)	Hexachlorobutadiene	24.83	225	4695	0.51 ug/l	91
100)	Naphthalene	24.74	128	20373	0.36 ug/l	100
101)	1,2,3-Trichlorobenzene	25.03	180	7957	0.42 ug/l	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: AQ063010.RES

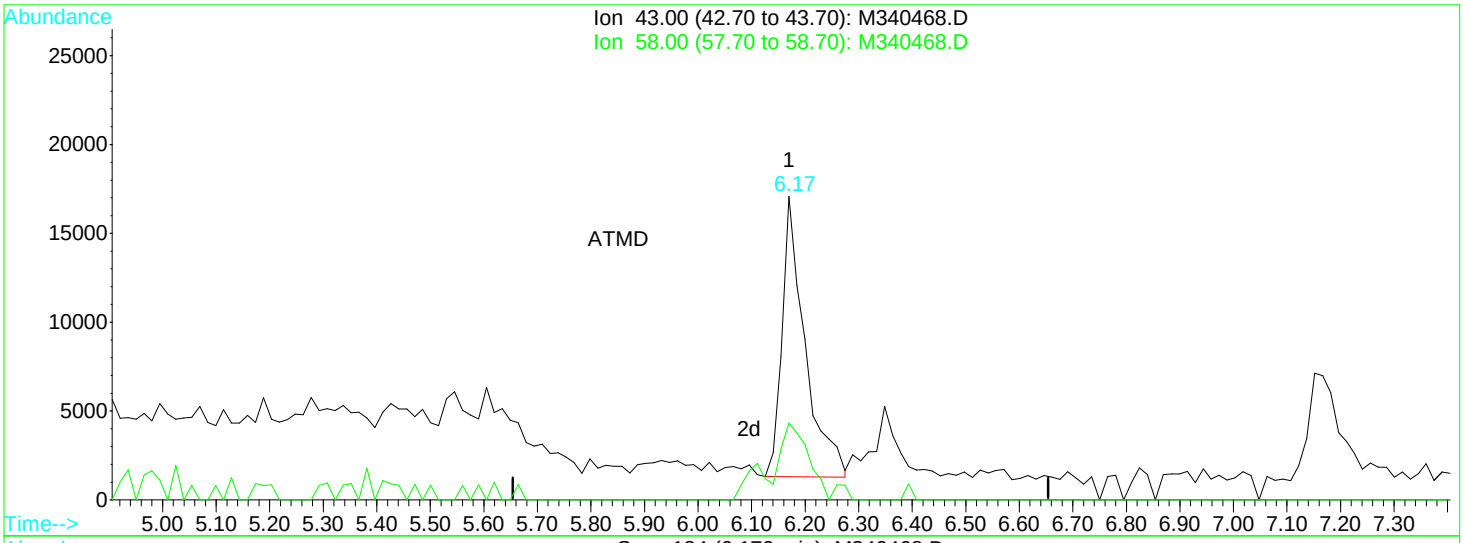
Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration

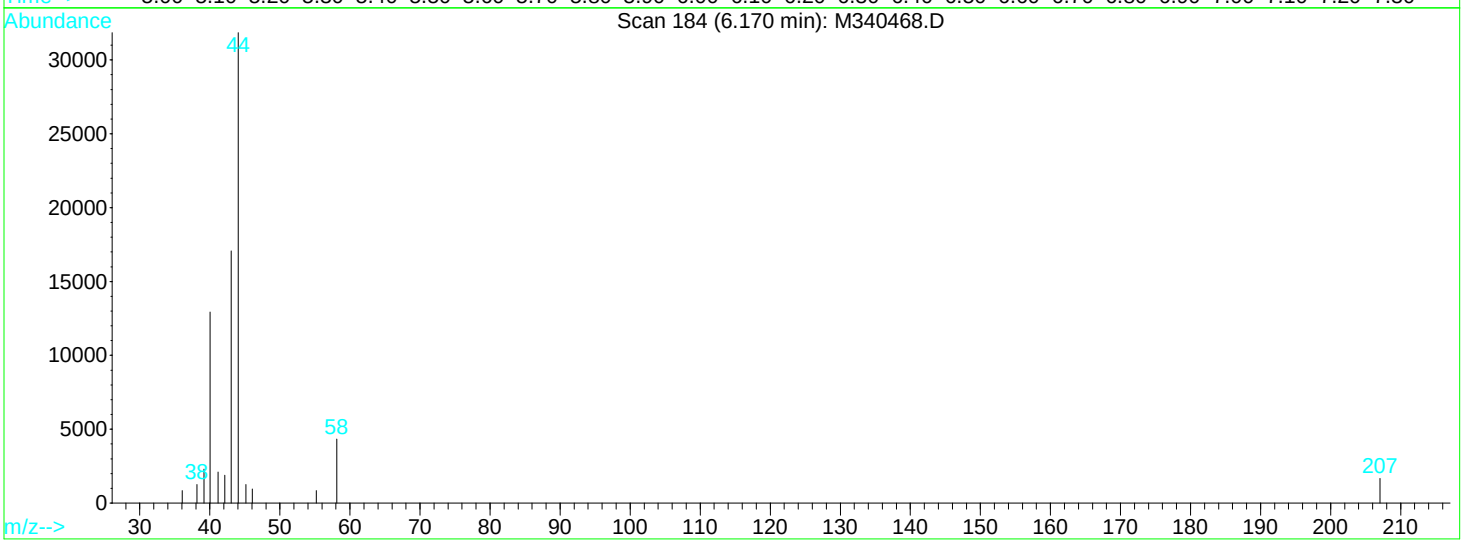


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Multiple Level Calibration





TIC: M340468.D

(10) Acetone

6.17min 6.02ug/l

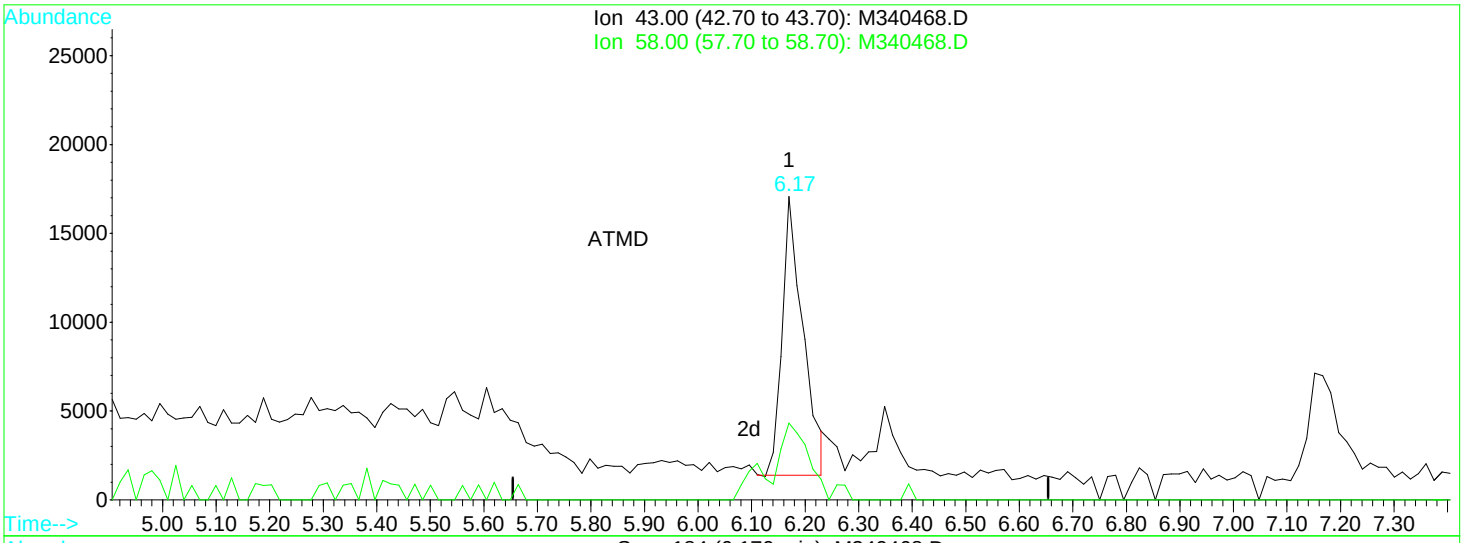
response 46915

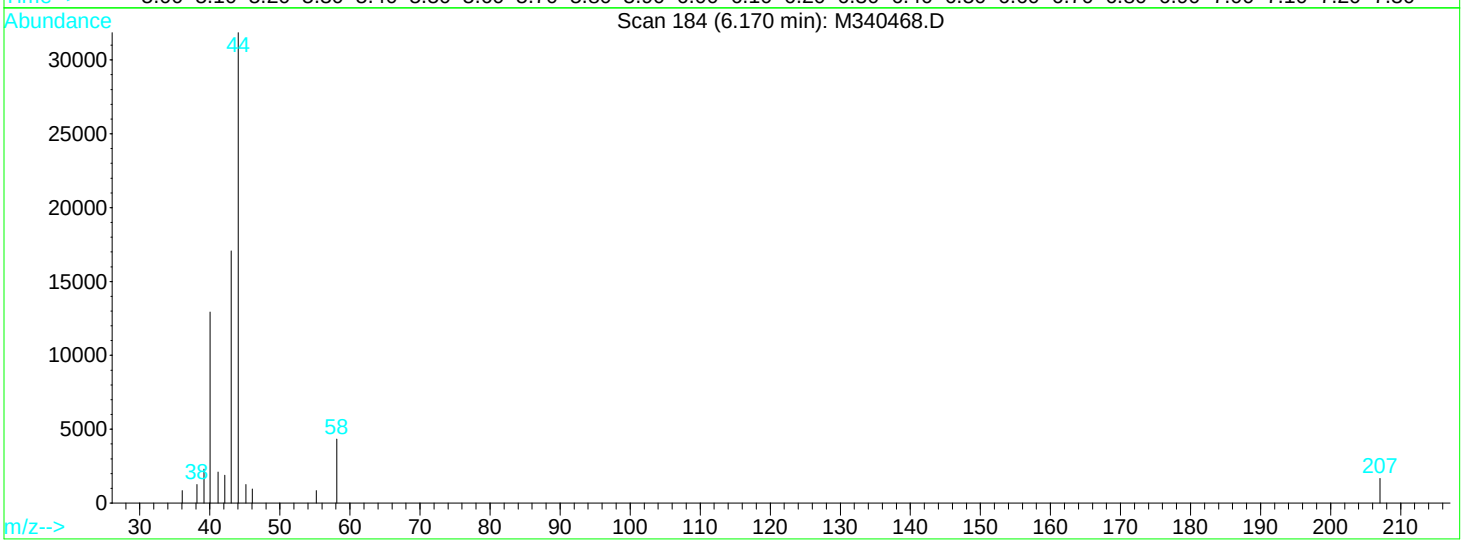
Ion	Exp%	Act%
43.00	100	100
58.00	29.50	25.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Multiple Level Calibration





TIC: M340468.D

(10) Acetone

6.17min 5.46ug/l m

response 42606

Ion	Exp%	Act%
43.00	100	100
58.00	29.50	25.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1173898	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1678488	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.48	152	623765	25.00	ug/l	0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	32663	1.10	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	4.40%#		
41) 1,2-Dichloroethane-d4(SURR	10.56	65	25074	1.19	ug/l	0.01
Spiked Amount 25.000			Recovery =	4.76%		
59) Toluene-d8 (SURR)	14.71	98	75391	0.93	ug/l	0.00
Spiked Amount 25.000			Recovery =	3.72%		
75) Bromofluorobenzene (SURR)	19.26	95	27017	1.01	ug/l	0.01
Spiked Amount 25.000			Recovery =	4.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	25197	0.98	ug/l	89
3) Chloromethane	3.88	50	40342	1.16	ug/l	94
4) Vinyl Chloride	4.18	62	28137	1.05	ug/l	95
5) Bromomethane	4.80	94	22148	1.20	ug/l	84
6) Chloroethane	5.02	64	17444	0.83	ug/l	69
7) Trichlorofluoromethane	5.93	101	41943	1.09	ug/l	89
8) Diethyl ether	6.35	59	16698	0.76	ug/l	93
9) Acrolein	5.95	56	11015	Below Cal		90
10) Acetone	6.17	43	42606m	5.46	ug/l	
11) Iodomethane	6.81	142	23825	0.62	ug/l	95
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	22677	1.09	ug/l	87
13) Methyl Acetate	7.15	43	32956m	1.14	ug/l	
14) Allyl Chloride	7.17	41	46497	0.95	ug/l	98
15) Carbon Disulfide	7.32	76	72818	0.94	ug/l	97
16) 1,1-Dichloroethene	6.76	96	26917	1.06	ug/l	94
17) Methylene Chloride	7.02	84	36901	1.16	ug/l	87
18) Methyl tert-Butyl Ether	8.27	73	55664	0.84	ug/l	88
19) Acrylonitrile	6.94	53	9785	0.81	ug/l	84
20) trans-1,2-Dichloroethene	8.06	96	32021	1.10	ug/l	90
21) 1,1-Dichloroethane	8.45	63	45358	1.00	ug/l	97
22) Vinyl Acetate	8.73	43	54676	0.86	ug/l	93
23) Chloroprene	9.03	53	27671	0.85	ug/l	96
24) 2-Butanone	9.19	43	94208	4.26	ug/l	94
25) Di-isopropyl ether	9.19	45	94521	0.85	ug/l	71
26) Methacrylonitrile	9.31	41	23338	1.16	ug/l	95
27) cis-1,2 Dichloroethene	9.34	96	35362	1.10	ug/l	98
28) Methyl Acrylate	9.81	55	24971	0.95	ug/l	81
29) Ethyl tertiary-butyl ether	9.80	59	69107	0.84	ug/l	98
30) 2,2-Dichloropropane	9.77	77	26813	0.97	ug/l	95
31) Bromochloromethane	9.58	128	19240	1.02	ug/l	91
32) Tetrahydrofuran	10.22	42	9991	1.16	ug/l #	41
33) Chloroform	9.67	83	45096	1.08	ug/l	90
35) 1-Chlorobutane	10.81	56	42583	0.94	ug/l	88
36) 1,1,1-Trichloroethane	10.81	97	31963	1.07	ug/l	98
37) 1,1-Dichloropropene	11.11	75	27501	0.92	ug/l	95
38) Cyclohexane	11.24	56	26230	0.96	ug/l	82
39) Carbon Tetrachloride	11.39	117	23379	0.99	ug/l	95
40) Benzene	11.45	78	99329	0.98	ug/l	100
42) 1,2-Dichloroethane	10.68	62	27153	1.00	ug/l	89
43) Tertiary-amyl methyl ether	11.73	73	60011	0.84	ug/l	88
44) Trichloroethene	12.46	95	28292	1.05	ug/l	97
45) 1,2-Dichloropropane	12.40	63	25328	0.89	ug/l	96
46) Dibromomethane	12.33	93	24358	1.11	ug/l	93

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

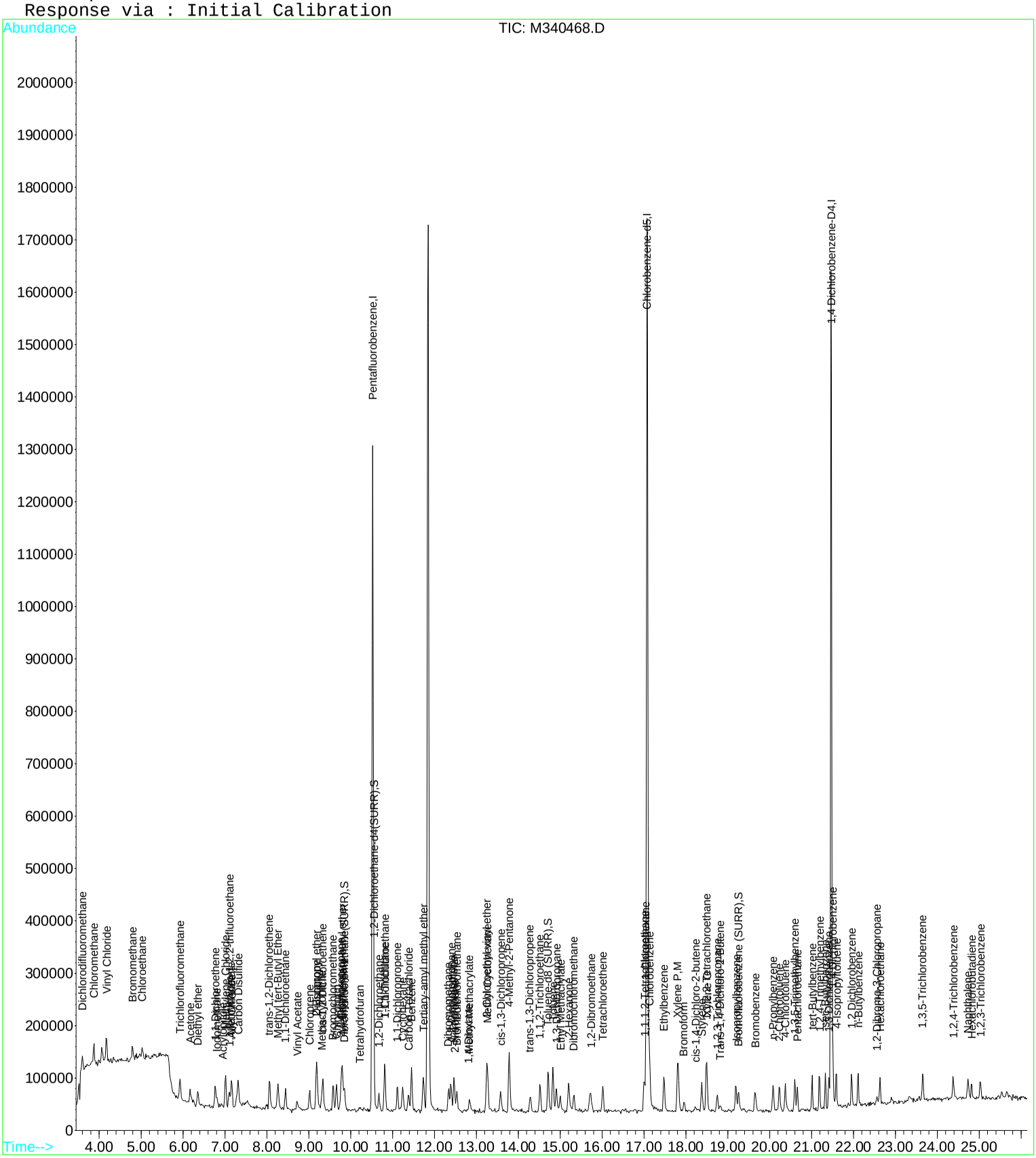
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	2-Nitropropane	12.49	43	6657	1.07 ug/l	87
48)	Bromodichloromethane	12.54	83	31104	0.99 ug/l	90
49)	1,4-Dioxane	12.80	88	4210	16.43 ug/l #	68
50)	Methyl Methacrylate	12.83	41	24805	0.88 ug/l	81
51)	2-Chloroethyl vinyl ether	13.25	63	41262	2.91 ug/l	96
52)	Methyl Cyclohexane	13.26	83	23242	0.94 ug/l	98
53)	4-Methyl-2-Pentanone	13.79	58	45669	4.14 ug/l	94
54)	cis-1,3-Dichloropropene	13.58	75	33184	0.83 ug/l	89
55)	trans-1,3-Dichloropropene	14.28	75	21875	0.69 ug/l	83
56)	1,1,2-Trichloroethane	14.51	83	22980	1.03 ug/l	92
57)	Toluene	14.83	92	53108	0.90 ug/l	90
60)	Ethyl Methacrylate	15.01	69	24341	0.69 ug/l	95
61)	2-Hexanone	15.20	43	84392	3.88 ug/l	98
62)	1,3-Dichloropropane	14.92	76	38255	0.92 ug/l	100
63)	Tetrachloroethene	16.02	164	17418	1.05 ug/l	97
64)	Dibromochloromethane	15.32	129	25217	0.91 ug/l	95
65)	1,2-Dibromoethane	15.73	107	28535	0.93 ug/l	98
66)	1-Chlorohexane	17.04	91	21650	0.89 ug/l	93
67)	Chlorobenzene	17.13	112	65106	0.98 ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.01	131	21508	0.99 ug/l	90
69)	Ethylbenzene	17.47	91	79709	0.89 ug/l	95
70)	Xylene P,M	17.80	106	57094	1.63 ug/l	89
71)	Xylene O	18.50	106	32024	0.89 ug/l #	78
72)	Styrene	18.38	104	49863	0.78 ug/l	94
73)	Bromoform	17.95	173	13416	0.87 ug/l	86
74)	cis-1,4-Dichloro-2-butene	18.23	75	4627	0.63 ug/l #	81
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	5099	1.96 ug/l #	48
78)	1,2,3-Trichloropropane	18.75	75	22367	0.98 ug/l	89
79)	Isopropylbenzene	19.20	105	62226	0.85 ug/l	96
80)	Bromobenzene	19.66	156	21419	0.88 ug/l	99
81)	1,1,2,2-Tetrachloroethane	18.49	83	35824	1.06 ug/l	86
82)	n-Propylbenzene	20.08	91	69769	0.86 ug/l	98
83)	2-Chlorotoluene	20.23	91	47326	0.91 ug/l	90
84)	4-Chlorotoluene	20.37	91	48362	0.87 ug/l	99
85)	1,3,5-Trimethylbenzene	20.60	105	47126	0.81 ug/l	96
86)	Pentachloroethane	20.66	119	13027	1.05 ug/l	82
87)	tert-Butylbenzene	21.01	119	39658	0.84 ug/l	91
88)	1,2,4-Trimethylbenzene	21.19	105	51872	0.83 ug/l	93
89)	sec-Butylbenzene	21.33	105	61614	0.84 ug/l	100
90)	1,3 Dichlorobenzene	21.42	146	35732	0.99 ug/l	96
91)	4-Isopropyltoluene	21.59	119	51053	0.85 ug/l	92
92)	1,4 Dichlorobenzene	21.50	146	40211	1.03 ug/l	91
93)	n-Butylbenzene	22.11	91	44720	0.83 ug/l	92
94)	1,2 Dichlorobenzene	21.95	146	34476	0.94 ug/l	98
95)	1,2-Dibromo-3-Chloropropan	22.56	75	4268	1.10 ug/l	88
96)	Hexachloroethane	22.64	117	10613	0.99 ug/l	81
97)	1,3,5-Trichlorobenzene	23.65	180	23407	1.04 ug/l	93
98)	1,2,4-Trichlorobenzene	24.39	180	21705	0.97 ug/l	94
99)	Hexachlorobutadiene	24.82	225	10388	1.08 ug/l	91
100)	Naphthalene	24.73	128	50693	0.85 ug/l	100
101)	1,2,3-Trichlorobenzene	25.03	180	19299	0.97 ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 15:18 2010 Quant Results File: AQ063010.RES

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340469.D Vial: 4
Acq On : 12 Jul 2010 12:04 pm Operator: MD
Sample : CTG0064-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 12:36 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1151937	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1740347	25.00	ug/l	0.01
76) 1,4 Dichlorobenzene-D4	21.47	152	627192	25.00	ug/l	0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.86	111	161559	5.56	ug/l	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 22.24%#			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	116984	5.67	ug/l	0.01
Spiked Amount 25.000			Recovery = 22.68%			
59) Toluene-d8 (SURR)	14.72	98	378624	4.51	ug/l	0.01
Spiked Amount 25.000			Recovery = 18.04%			
75) Bromofluorobenzene (SURR)	19.26	95	125966	4.53	ug/l	0.01
Spiked Amount 25.000			Recovery = 18.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	108201	4.29	ug/l	100
3) Chloromethane	3.88	50	160817	4.70	ug/l	98
4) Vinyl Chloride	4.17	62	119751	4.57	ug/l	97
5) Bromomethane	4.80	94	82629	4.58	ug/l	93
6) Chloroethane	5.04	64	72939	4.80	ug/l	91
7) Trichlorofluoromethane	5.93	101	194337	5.15	ug/l	96
8) Diethyl ether	6.35	59	87285	4.04	ug/l	93
9) Acrolein	5.94	56	19930	2.57	ug/l	90
10) Acetone	6.17	43	177966	23.26	ug/l	94
11) Iodomethane	6.82	142	153741	4.05	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	101143	4.96	ug/l	91
13) Methyl Acetate	7.16	43	123621	4.37	ug/l	97
14) Allyl Chloride	7.16	41	180519	3.77	ug/l	93
15) Carbon Disulfide	7.31	76	338738	4.43	ug/l	99
16) 1,1-Dichloroethene	6.78	96	115190	4.64	ug/l	93
17) Methylene Chloride	7.01	84	160749	5.17	ug/l	94
18) Methyl tert-Butyl Ether	8.26	73	272972	4.19	ug/l	92
19) Acrylonitrile	6.93	53	44305	4.08	ug/l	88
20) trans-1,2-Dichloroethene	8.07	96	141707	4.94	ug/l	93
21) 1,1-Dichloroethane	8.44	63	214902	4.85	ug/l	96
22) Vinyl Acetate	8.71	43	230213	3.70	ug/l	96
23) Chloroprene	9.02	53	131070	4.10	ug/l	88
24) 2-Butanone	9.17	43	459002	21.13	ug/l	99
25) Di-isopropyl ether	9.19	45	453531	4.13	ug/l	84
26) Methacrylonitrile	9.31	41	95791	4.87	ug/l	98
27) cis-1,2 Dichloroethene	9.34	96	157831	5.01	ug/l	97
28) Methyl Acrylate	9.80	55	111278	4.32	ug/l	96
29) Ethyl tertiary-butyl ether	9.80	59	334062	4.12	ug/l	95
30) 2,2-Dichloropropane	9.78	77	126866	4.70	ug/l	95
31) Bromochloromethane	9.59	128	91229	4.95	ug/l	85
32) Tetrahydrofuran	10.21	42	42768	5.08	ug/l	88
33) Chloroform	9.66	83	214485	5.21	ug/l	96
35) 1-Chlorobutane	10.81	56	194395	4.39	ug/l	97
36) 1,1,1-Trichloroethane	10.82	97	146067	4.99	ug/l	98
37) 1,1-Dichloropropene	11.12	75	134392	4.57	ug/l	95
38) Cyclohexane	11.24	56	118750	4.29	ug/l	94
39) Carbon Tetrachloride	11.39	117	116576	5.02	ug/l	97
40) Benzene	11.45	78	473628	4.76	ug/l	100
42) 1,2-Dichloroethane	10.67	62	144268	5.44	ug/l	95
43) Tertiary-amyl methyl ether	11.73	73	276615	3.93	ug/l	92
44) Trichloroethene	12.46	95	129956	4.91	ug/l	95
45) 1,2-Dichloropropane	12.40	63	132605	4.75	ug/l	97
46) Dibromomethane	12.34	93	114586	5.30	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340469.D Vial: 4
Acq On : 12 Jul 2010 12:04 pm Operator: MD
Sample : CTG0064-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 12:36 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

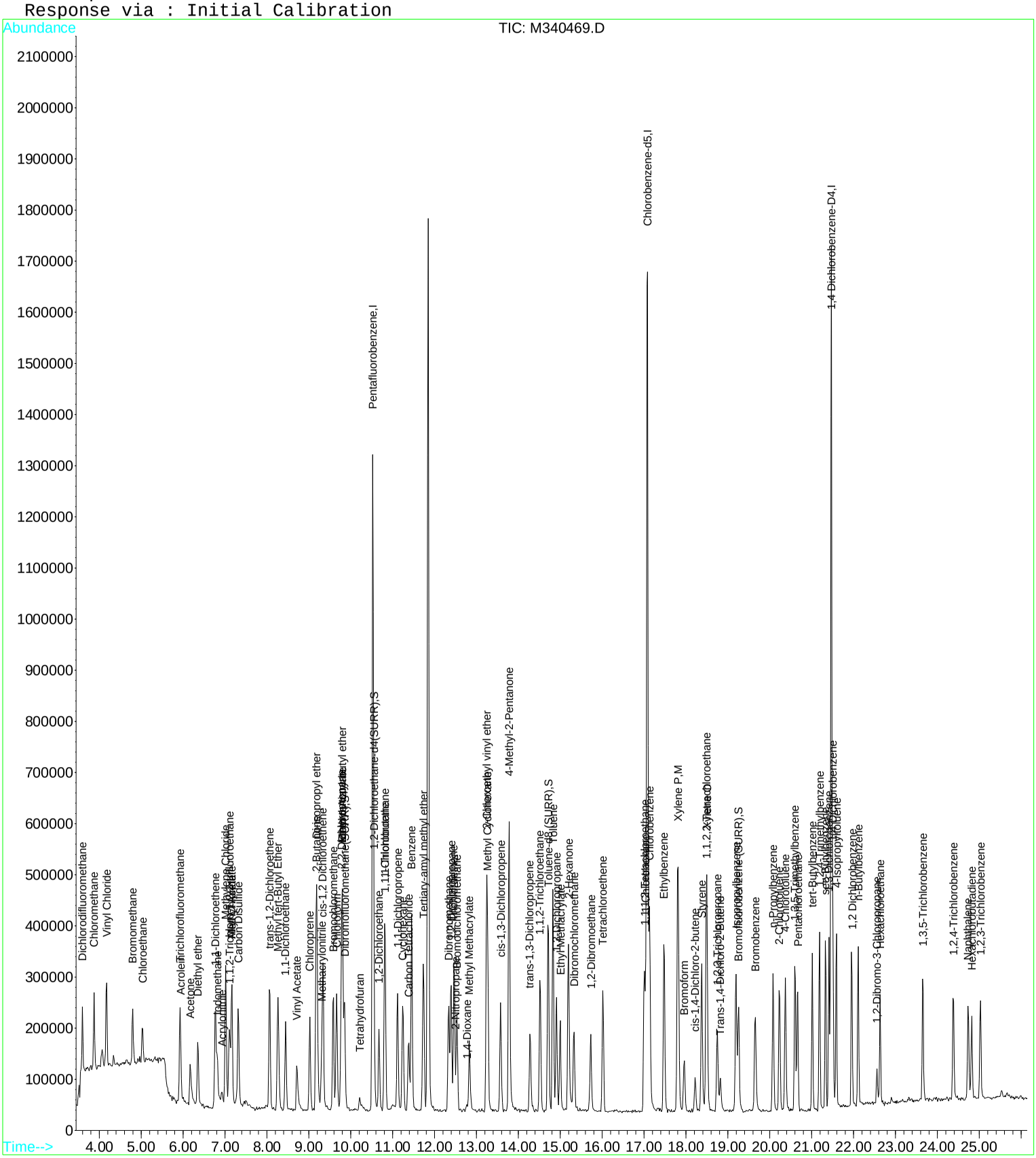
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.50	43	27320	4.49	ug/l		95
48)	Bromodichloromethane	12.53	83	146829	4.75	ug/l		97
49)	1,4-Dioxane	12.77	88	17802	70.80	ug/l	#	66
50)	Methyl Methacrylate	12.83	41	109759	3.98	ug/l		98
51)	2-Chloroethyl vinyl ether	13.25	63	220891	15.88	ug/l		96
52)	Methyl Cyclohexane	13.26	83	110949	4.55	ug/l		95
53)	4-Methyl-2-Pentanone	13.78	58	217942	20.11	ug/l		97
54)	cis-1,3-Dichloropropene	13.57	75	159393	4.07	ug/l		98
55)	trans-1,3-Dichloropropene	14.27	75	122331	3.95	ug/l		99
56)	1,1,2-Trichloroethane	14.51	83	110605	5.07	ug/l		96
57)	Toluene	14.82	92	270677	4.68	ug/l		97
60)	Ethyl Methacrylate	15.00	69	128022	3.52	ug/l		95
61)	2-Hexanone	15.20	43	393776	17.45	ug/l		99
62)	1,3-Dichloropropane	14.91	76	192151	4.46	ug/l		98
63)	Tetrachloroethene	16.01	164	76647	4.46	ug/l		90
64)	Dibromochloromethane	15.33	129	127819	4.47	ug/l		99
65)	1,2-Dibromoethane	15.73	107	143700	4.50	ug/l		98
66)	1-Chlorohexane	17.04	91	96467	3.82	ug/l		97
67)	Chlorobenzene	17.13	112	315432	4.58	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.01	131	106280	4.73	ug/l		97
69)	Ethylbenzene	17.47	91	380585	4.10	ug/l		100
70)	Xylene P,M	17.81	106	306011	8.43	ug/l		93
71)	Xylene O	18.50	106	158891	4.25	ug/l		94
72)	Styrene	18.38	104	258859	3.88	ug/l		99
73)	Bromoform	17.96	173	76206	4.78	ug/l		93
74)	cis-1,4-Dichloro-2-butene	18.21	75	23021	3.05	ug/l		79
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	24745	4.94	ug/l		80
78)	1,2,3-Trichloropropane	18.75	75	109738	4.77	ug/l		96
79)	Isopropylbenzene	19.20	105	309865	4.22	ug/l		97
80)	Bromobenzene	19.66	156	114042	4.66	ug/l		92
81)	1,1,2,2-Tetrachloroethane	18.48	83	162962	4.79	ug/l		99
82)	n-Propylbenzene	20.07	91	333976	4.09	ug/l		98
83)	2-Chlorotoluene	20.22	91	236341	4.53	ug/l		95
84)	4-Chlorotoluene	20.37	91	246082	4.43	ug/l		95
85)	1,3,5-Trimethylbenzene	20.59	105	243223	4.17	ug/l		95
86)	Pentachloroethane	20.67	119	63700	5.11	ug/l		95
87)	tert-Butylbenzene	21.01	119	195057	4.10	ug/l		95
88)	1,2,4-Trimethylbenzene	21.19	105	255898	4.06	ug/l		93
89)	sec-Butylbenzene	21.32	105	315001	4.27	ug/l		98
90)	1,3 Dichlorobenzene	21.41	146	174980	4.84	ug/l		95
91)	4-Isopropyltoluene	21.59	119	259849	4.28	ug/l		96
92)	1,4 Dichlorobenzene	21.50	146	196194	4.99	ug/l		97
93)	n-Butylbenzene	22.11	91	223623	4.11	ug/l		95
94)	1,2 Dichlorobenzene	21.96	146	174576	4.74	ug/l		96
95)	1,2-Dibromo-3-Chloropropan	22.56	75	18415	4.70	ug/l		74
96)	Hexachloroethane	22.63	117	49478	4.61	ug/l		88
97)	1,3,5-Trichlorobenzene	23.66	180	115394	5.07	ug/l		96
98)	1,2,4-Trichlorobenzene	24.39	180	105408	4.67	ug/l		94
99)	Hexachlorobutadiene	24.82	225	47956	4.97	ug/l		96
100)	Naphthalene	24.73	128	236816	3.96	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	93940	4.71	ug/l		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340469.D Vial: 4
Acq On : 12 Jul 2010 12:04 pm Operator: MD
Sample : CTG0064-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 12:36 2010 Quant Results File: AQ063010.RES

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340470.D Vial: 5
Acq On : 12 Jul 2010 12:36 pm Operator: MD
Sample : CTG0064-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 13:08 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1144692	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1652146	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.48	152	646399	25.00	ug/l	0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	307415	10.64	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 42.56%#			
41) 1,2-Dichloroethane-d4(SURR	10.56	65	222126	10.83	ug/l	0.01
Spiked Amount 25.000			Recovery = 43.32%			
59) Toluene-d8 (SURR)	14.71	98	738145	9.25	ug/l	0.00
Spiked Amount 25.000			Recovery = 37.00%			
75) Bromofluorobenzene (SURR)	19.24	95	251605	9.54	ug/l	0.00
Spiked Amount 25.000			Recovery = 38.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	206172	8.22	ug/l	99
3) Chloromethane	3.88	50	291224	8.56	ug/l	99
4) Vinyl Chloride	4.16	62	233170	8.96	ug/l	96
5) Bromomethane	4.80	94	150342	8.38	ug/l	96
6) Chloroethane	5.02	64	133080	9.13	ug/l	89
7) Trichlorofluoromethane	5.93	101	372454	9.94	ug/l	100
8) Diethyl ether	6.35	59	169541	7.90	ug/l	94
9) Acrolein	5.96	56	35856	7.56	ug/l	90
10) Acetone	6.17	43	313494	41.24	ug/l	95
11) Iodomethane	6.81	142	317913	8.42	ug/l	95
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	208146	10.27	ug/l	96
13) Methyl Acetate	7.15	43	215672	7.67	ug/l	95
14) Allyl Chloride	7.15	41	362598	7.63	ug/l	99
15) Carbon Disulfide	7.32	76	668042	8.80	ug/l	100
16) 1,1-Dichloroethene	6.76	96	226974	9.20	ug/l	97
17) Methylene Chloride	7.02	84	297564	9.63	ug/l	97
18) Methyl tert-Butyl Ether	8.27	73	534461	8.25	ug/l	94
19) Acrylonitrile	6.93	53	86392	8.09	ug/l	99
20) trans-1,2-Dichloroethene	8.06	96	264626	9.28	ug/l	94
21) 1,1-Dichloroethane	8.45	63	410475	9.32	ug/l	99
22) Vinyl Acetate	8.71	43	428407	6.94	ug/l	98
23) Chloroprene	9.03	53	252549	7.96	ug/l	90
24) 2-Butanone	9.17	43	915562	42.42	ug/l	95
25) Di-isopropyl ether	9.19	45	864924	7.93	ug/l	89
26) Methacrylonitrile	9.31	41	150856	7.72	ug/l	98
27) cis-1,2 Dichloroethene	9.34	96	301499	9.63	ug/l	98
28) Methyl Acrylate	9.80	55	219306	8.57	ug/l	94
29) Ethyl tertiary-butyl ether	9.80	59	644646	7.99	ug/l	94
30) 2,2-Dichloropropane	9.77	77	239122	8.91	ug/l	99
31) Bromochloromethane	9.58	128	174754	9.55	ug/l	98
32) Tetrahydrofuran	10.22	42	71734	8.57	ug/l	92
33) Chloroform	9.67	83	410739	10.04	ug/l	94
35) 1-Chlorobutane	10.81	56	374150	8.50	ug/l	95
36) 1,1,1-Trichloroethane	10.81	97	282631	9.71	ug/l	96
37) 1,1-Dichloropropene	11.12	75	257783	8.82	ug/l	93
38) Cyclohexane	11.24	56	234988	8.51	ug/l	95
39) Carbon Tetrachloride	11.38	117	228481	9.91	ug/l	98
40) Benzene	11.45	78	899186	9.09	ug/l	100
42) 1,2-Dichloroethane	10.68	62	267125	10.13	ug/l	91
43) Tertiary-amyl methyl ether	11.73	73	544621	7.79	ug/l	93
44) Trichloroethene	12.46	95	250259	9.52	ug/l	96
45) 1,2-Dichloropropane	12.39	63	242480	8.73	ug/l	100
46) Dibromomethane	12.33	93	208095	9.69	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340470.D Vial: 5
Acq On : 12 Jul 2010 12:36 pm Operator: MD
Sample : CTG0064-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 13:08 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

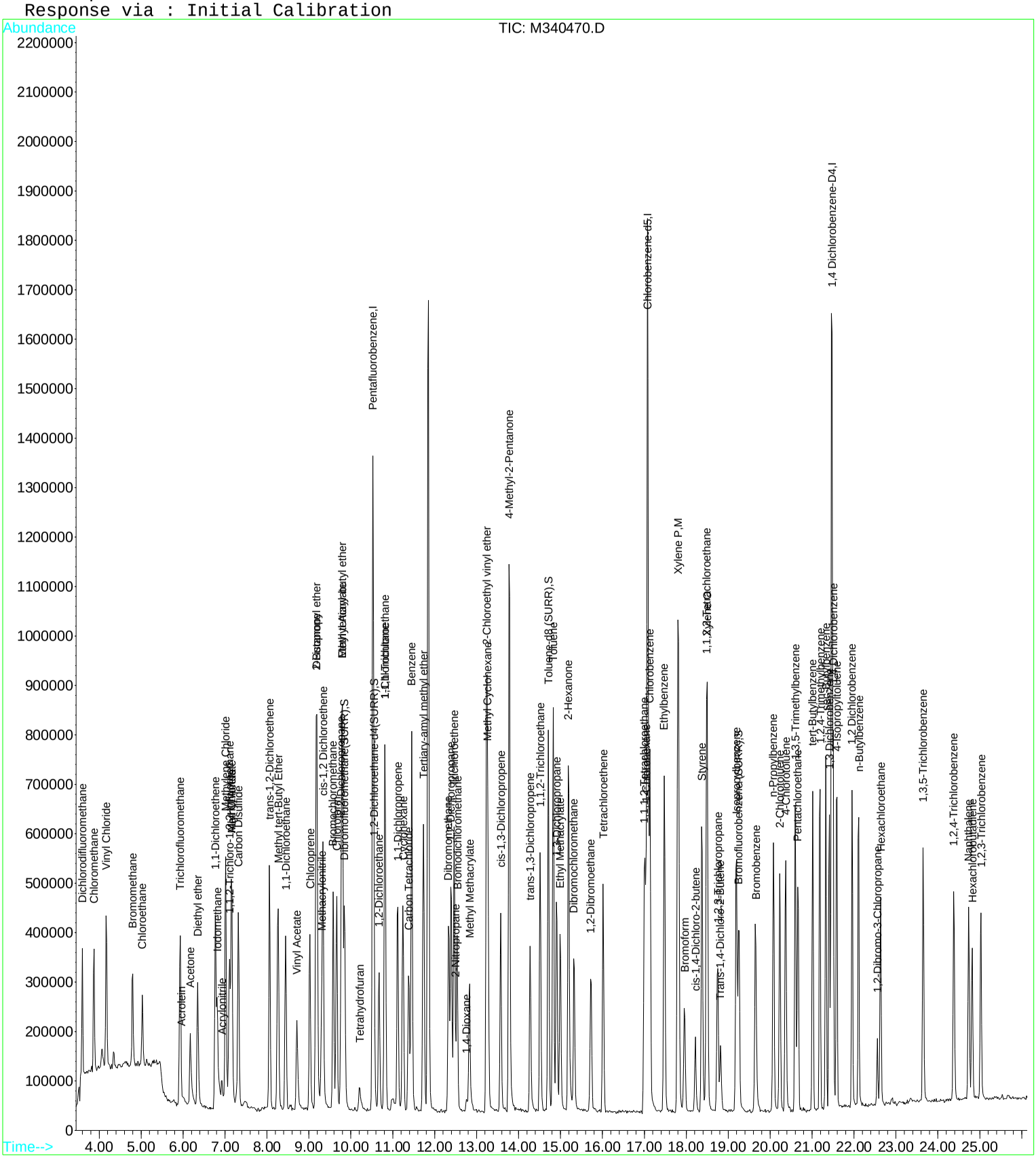
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.49	43	48168	7.97	ug/l		99
48)	Bromodichloromethane	12.54	83	287696	9.37	ug/l		99
49)	1,4-Dioxane	12.76	88	38098	152.47	ug/l		94
50)	Methyl Methacrylate	12.83	41	198746	7.26	ug/l		94
51)	2-Chloroethyl vinyl ether	13.24	63	453555	32.80	ug/l		97
52)	Methyl Cyclohexane	13.26	83	220777	9.12	ug/l		96
53)	4-Methyl-2-Pentanone	13.77	58	427381	39.68	ug/l		96
54)	cis-1,3-Dichloropropene	13.58	75	311813	8.01	ug/l		95
55)	trans-1,3-Dichloropropene	14.28	75	248908	8.09	ug/l		96
56)	1,1,2-Trichloroethane	14.51	83	205121	9.47	ug/l		98
57)	Toluene	14.83	92	515653	8.96	ug/l		97
60)	Ethyl Methacrylate	14.99	69	250576	7.25	ug/l		97
61)	2-Hexanone	15.18	43	809302	37.77	ug/l		100
62)	1,3-Dichloropropane	14.90	76	368015	9.00	ug/l		98
63)	Tetrachloroethene	16.02	164	152211	9.32	ug/l		98
64)	Dibromochloromethane	15.32	129	250163	9.21	ug/l		98
65)	1,2-Dibromoethane	15.72	107	280411	9.25	ug/l		98
66)	1-Chlorohexane	17.04	91	191560	7.99	ug/l		98
67)	Chlorobenzene	17.13	112	613734	9.39	ug/l		98
68)	1,1,1,2-Tetrachloroethane	17.00	131	197445	9.26	ug/l		96
69)	Ethylbenzene	17.47	91	747858	8.48	ug/l		100
70)	Xylene P,M	17.80	106	608074	17.65	ug/l		98
71)	Xylene O	18.50	106	310516	8.74	ug/l		95
72)	Styrene	18.37	104	520968	8.23	ug/l		100
73)	Bromoform	17.96	173	154671	10.22	ug/l		100
74)	cis-1,4-Dichloro-2-butene	18.22	75	51840	7.22	ug/l		92
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	47343	8.16	ug/l	#	75
78)	1,2,3-Trichloropropane	18.75	75	216229	9.12	ug/l		97
79)	Isopropylbenzene	19.20	105	631325	8.35	ug/l		98
80)	Bromobenzene	19.66	156	229853	9.12	ug/l		91
81)	1,1,2,2-Tetrachloroethane	18.49	83	308020	8.79	ug/l		98
82)	n-Propylbenzene	20.08	91	681979	8.10	ug/l		99
83)	2-Chlorotoluene	20.23	91	444557	8.27	ug/l		97
84)	4-Chlorotoluene	20.37	91	483707	8.44	ug/l		91
85)	1,3,5-Trimethylbenzene	20.60	105	484049	8.05	ug/l		98
86)	Pentachloroethane	20.66	119	123249	9.60	ug/l		95
87)	tert-Butylbenzene	21.01	119	403499	8.23	ug/l		96
88)	1,2,4-Trimethylbenzene	21.19	105	519491	8.01	ug/l		93
89)	sec-Butylbenzene	21.33	105	637091	8.38	ug/l		100
90)	1,3 Dichlorobenzene	21.42	146	344228	9.24	ug/l		92
91)	4-Isopropyltoluene	21.59	119	531199	8.49	ug/l		96
92)	1,4 Dichlorobenzene	21.50	146	379000	9.34	ug/l		97
93)	n-Butylbenzene	22.11	91	453957	8.09	ug/l		94
94)	1,2 Dichlorobenzene	21.95	146	347527	9.16	ug/l		97
95)	1,2-Dibromo-3-Chloropropan	22.56	75	33826	8.38	ug/l	#	68
96)	Hexachloroethane	22.64	117	100967	9.13	ug/l		87
97)	1,3,5-Trichlorobenzene	23.65	180	227759	9.72	ug/l		96
98)	1,2,4-Trichlorobenzene	24.38	180	204561	8.79	ug/l		98
99)	Hexachlorobutadiene	24.82	225	91820	9.23	ug/l		98
100)	Naphthalene	24.73	128	474504	7.70	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	188102	9.15	ug/l		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340470.D Vial: 5
Acq On : 12 Jul 2010 12:36 pm Operator: MD
Sample : CTG0064-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 13:08 2010 Quant Results File: AQ063010.RES

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340471.D Vial: 6
Acq On : 12 Jul 2010 1:08 pm Operator: MD
Sample : CTG0064-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 13:40 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1168594	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1678961	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	670018	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	834405	28.30	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.20%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	575139	27.48	ug/l	0.00
Spiked Amount 25.000			Recovery = 109.92%			
59) Toluene-d8 (SURR)	14.72	98	2034046	25.09	ug/l	0.00
Spiked Amount 25.000			Recovery = 100.36%			
75) Bromofluorobenzene (SURR)	19.25	95	672961	25.10	ug/l	0.00
Spiked Amount 25.000			Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	538094	21.01	ug/l	99
3) Chloromethane	3.87	50	728624	20.98	ug/l	99
4) Vinyl Chloride	4.17	62	595083	22.41	ug/l	97
5) Bromomethane	4.80	94	449655	24.55	ug/l	95
6) Chloroethane	5.03	64	346036	23.87	ug/l	98
7) Trichlorofluoromethane	5.93	101	968673	25.32	ug/l	96
8) Diethyl ether	6.34	59	456460	20.83	ug/l	94
9) Acrolein	5.96	56	84600	22.20	ug/l	88
10) Acetone	6.16	43	829981	106.94	ug/l	99
11) Iodomethane	6.82	142	915554	23.75	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	532085	25.72	ug/l	93
13) Methyl Acetate	7.15	43	605149	21.09	ug/l	98
14) Allyl Chloride	7.16	41	971855	20.03	ug/l	96
15) Carbon Disulfide	7.32	76	1826029	23.55	ug/l	100
16) 1,1-Dichloroethene	6.77	96	595340	23.64	ug/l	98
17) Methylene Chloride	7.01	84	774134	24.55	ug/l	98
18) Methyl tert-Butyl Ether	8.26	73	1430747	21.64	ug/l	95
19) Acrylonitrile	6.91	53	228268	21.08	ug/l	94
20) trans-1,2-Dichloroethene	8.07	96	724279	24.88	ug/l	95
21) 1,1-Dichloroethane	8.44	63	1057867	23.54	ug/l	98
22) Vinyl Acetate	8.71	43	1202540	19.08	ug/l	97
23) Chloroprene	9.02	53	722111	22.29	ug/l	93
24) 2-Butanone	9.17	43	2452191	111.29	ug/l	99
25) Di-isopropyl ether	9.18	45	2355346	21.16	ug/l	97
26) Methacrylonitrile	9.30	41	427680	21.44	ug/l	89
27) cis-1,2 Dichloroethene	9.33	96	785814	24.59	ug/l	98
28) Methyl Acrylate	9.79	55	594679	22.76	ug/l	98
29) Ethyl tertiary-butyl ether	9.79	59	1783827	21.67	ug/l	97
30) 2,2-Dichloropropane	9.78	77	618237	22.55	ug/l	90
31) Bromochloromethane	9.58	128	466060	24.94	ug/l	88
32) Tetrahydrofuran	10.19	42	184023	21.54	ug/l	98
33) Chloroform	9.66	83	1079209	25.85	ug/l	99
35) 1-Chlorobutane	10.80	56	1018343	22.66	ug/l	98
36) 1,1,1-Trichloroethane	10.82	97	751316	25.28	ug/l	99
37) 1,1-Dichloropropene	11.12	75	694966	23.30	ug/l	96
38) Cyclohexane	11.25	56	627317	22.20	ug/l	95
39) Carbon Tetrachloride	11.38	117	612699	26.02	ug/l	98
40) Benzene	11.46	78	2410767	23.87	ug/l	100
42) 1,2-Dichloroethane	10.67	62	703643	26.14	ug/l	97
43) Tertiary-amyl methyl ether	11.73	73	1506988	21.12	ug/l	94
44) Trichloroethene	12.46	95	669178	24.93	ug/l	91
45) 1,2-Dichloropropane	12.40	63	642086	22.66	ug/l	99
46) Dibromomethane	12.34	93	577271	26.34	ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340471.D Vial: 6
Acq On : 12 Jul 2010 1:08 pm Operator: MD
Sample : CTG0064-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 13:40 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

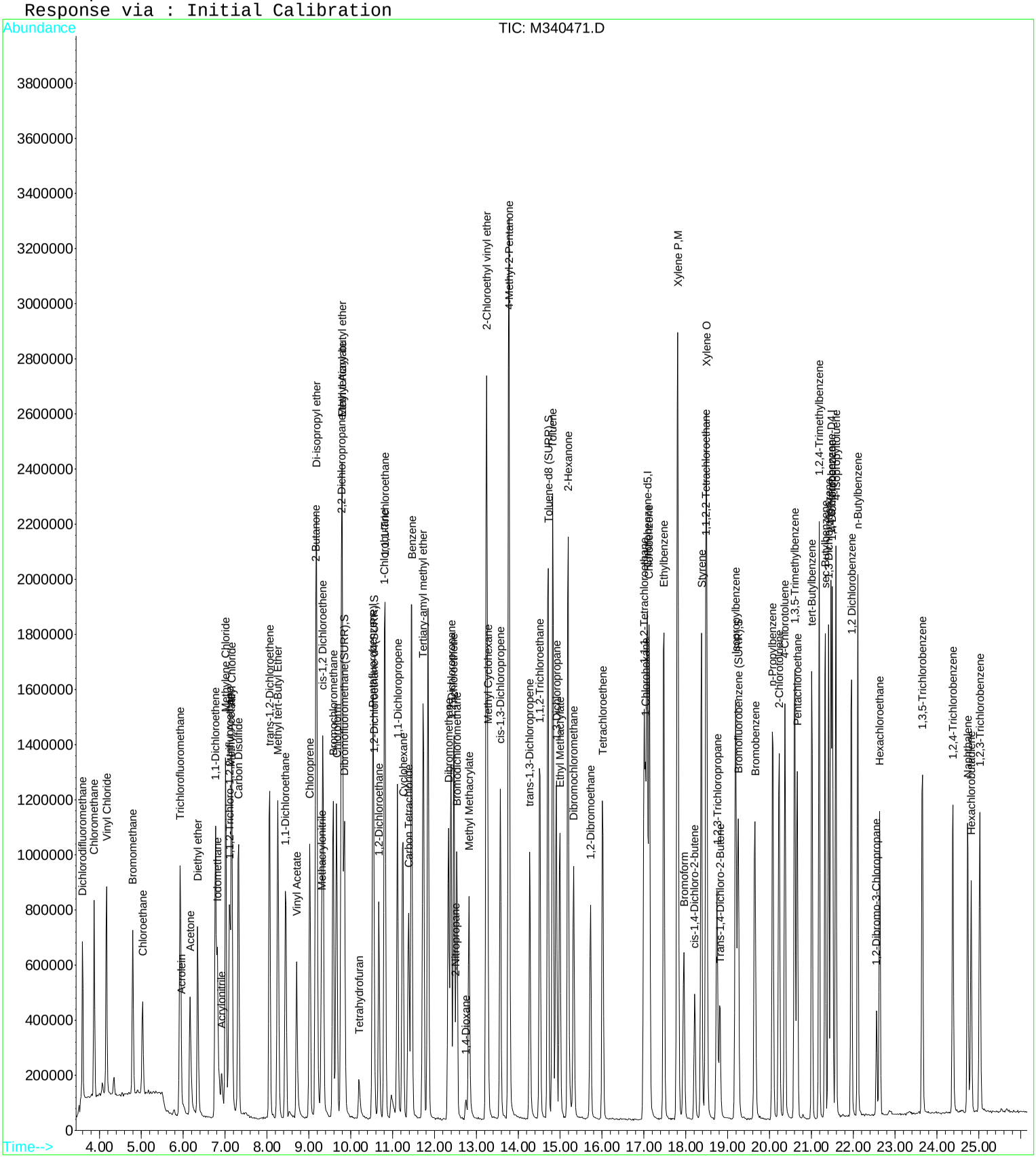
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.50	43	116012	18.80	ug/l	89
48)	Bromodichloromethane	12.53	83	786742	25.10	ug/l	99
49)	1,4-Dioxane	12.75	88	99788	391.19	ug/l	90
50)	Methyl Methacrylate	12.83	41	557960	19.97	ug/l	95
51)	2-Chloroethyl vinyl ether	13.24	63	1345488	95.32	ug/l	99
52)	Methyl Cyclohexane	13.27	83	598512	24.21	ug/l	98
53)	4-Methyl-2-Pentanone	13.78	58	1217809	110.77	ug/l	95
54)	cis-1,3-Dichloropropene	13.57	75	893018	22.48	ug/l	98
55)	trans-1,3-Dichloropropene	14.27	75	709783	22.61	ug/l	98
56)	1,1,2-Trichloroethane	14.51	83	560175	25.33	ug/l	98
57)	Toluene	14.82	92	1428684	24.33	ug/l	99
60)	Ethyl Methacrylate	15.00	69	712312	20.28	ug/l	92
61)	2-Hexanone	15.19	43	2338887	107.41	ug/l	96
62)	1,3-Dichloropropane	14.91	76	1001609	24.12	ug/l	99
63)	Tetrachloroethene	16.01	164	404975	24.41	ug/l	94
64)	Dibromochloromethane	15.33	129	715113	25.90	ug/l	99
65)	1,2-Dibromoethane	15.73	107	767711	24.91	ug/l	97
66)	1-Chlorohexane	17.04	91	530336	21.76	ug/l	98
67)	Chlorobenzene	17.13	112	1627570	24.50	ug/l	95
68)	1,1,1,2-Tetrachloroethane	17.01	131	545557	25.17	ug/l	98
69)	Ethylbenzene	17.48	91	2069615	23.10	ug/l	97
70)	Xylene P,M	17.81	106	1679598	47.97	ug/l	96
71)	Xylene O	18.49	106	876590	24.28	ug/l	99
72)	Styrene	18.38	104	1504906	23.39	ug/l	97
73)	Bromoform	17.96	173	436668	28.38	ug/l	99
74)	cis-1,4-Dichloro-2-butene	18.21	75	160904	22.07	ug/l	93
77)	Trans-1,4-Dichloro-2-Buten	18.82	53	143635	21.61	ug/l	91
78)	1,2,3-Trichloropropane	18.75	75	571586	23.25	ug/l	98
79)	Isopropylbenzene	19.19	105	1768161	22.56	ug/l	98
80)	Bromobenzene	19.65	156	634370	24.28	ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.48	83	853512	23.49	ug/l	100
82)	n-Propylbenzene	20.07	91	1909870	21.87	ug/l	96
83)	2-Chlorotoluene	20.23	91	1244194	22.33	ug/l	97
84)	4-Chlorotoluene	20.37	91	1332352	22.44	ug/l	96
85)	1,3,5-Trimethylbenzene	20.61	105	1380080	22.14	ug/l	98
86)	Pentachloroethane	20.67	119	352020	26.44	ug/l	96
87)	tert-Butylbenzene	21.01	119	1110539	21.84	ug/l	93
88)	1,2,4-Trimethylbenzene	21.19	105	1496365	22.25	ug/l	97
89)	sec-Butylbenzene	21.34	105	1800086	22.85	ug/l	97
90)	1,3 Dichlorobenzene	21.41	146	944947	24.46	ug/l	95
91)	4-Isopropyltoluene	21.59	119	1469903	22.67	ug/l	99
92)	1,4 Dichlorobenzene	21.50	146	1020165	24.27	ug/l	96
93)	n-Butylbenzene	22.11	91	1296683	22.29	ug/l	96
94)	1,2 Dichlorobenzene	21.96	146	950197	24.17	ug/l	96
95)	1,2-Dibromo-3-Chloropropan	22.56	75	90920	21.72	ug/l	82
96)	Hexachloroethane	22.63	117	286784	25.01	ug/l	94
97)	1,3,5-Trichlorobenzene	23.66	180	617549	25.42	ug/l	98
98)	1,2,4-Trichlorobenzene	24.38	180	562972	23.32	ug/l	99
99)	Hexachlorobutadiene	24.82	225	246922	23.95	ug/l	99
100)	Naphthalene	24.73	128	1352370	21.17	ug/l	100
101)	1,2,3-Trichlorobenzene	25.02	180	525842	24.68	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340471.D Vial: 6
Acq On : 12 Jul 2010 1:08 pm Operator: MD
Sample : CTG0064-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 13:40 2010 Quant Results File: AQ063010.RES

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340472.D Vial: 7
Acq On : 12 Jul 2010 1:40 pm Operator: MD
Sample : CTG0064-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:12 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1171854	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1717663	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	679582	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	1666871	56.37	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 225.48%#			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	1164116	55.46	ug/l	0.00
Spiked Amount 25.000			Recovery = 221.84%			
59) Toluene-d8 (SURR)	14.72	98	4259614	51.36	ug/l	0.00
Spiked Amount 25.000			Recovery = 205.44%			
75) Bromofluorobenzene (SURR)	19.25	95	1416853	51.66	ug/l	0.00
Spiked Amount 25.000			Recovery = 206.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	1091152	42.48	ug/l	98
3) Chloromethane	3.87	50	1440251	41.35	ug/l	100
4) Vinyl Chloride	4.16	62	1204297	45.22	ug/l	99
5) Bromomethane	4.80	94	950723	51.77	ug/l	99
6) Chloroethane	5.03	64	676354	46.89	ug/l	94
7) Trichlorofluoromethane	5.93	101	1946446	50.73	ug/l	98
8) Diethyl ether	6.34	59	982001	44.68	ug/l	93
9) Acrolein	5.96	56	149925	41.99	ug/l	98
10) Acetone	6.15	43	1688495	216.95	ug/l	95
11) Iodomethane	6.82	142	2015630	52.14	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	1068238	51.50	ug/l	91
13) Methyl Acetate	7.15	43	1251998	43.52	ug/l	95
14) Allyl Chloride	7.16	41	2019871	41.52	ug/l	92
15) Carbon Disulfide	7.32	76	3785348	48.69	ug/l	99
16) 1,1-Dichloroethene	6.77	96	1232229	48.79	ug/l	93
17) Methylene Chloride	7.01	84	1543347	48.81	ug/l	98
18) Methyl tert-Butyl Ether	8.26	73	2958416	44.62	ug/l	97
19) Acrylonitrile	6.91	53	481150	44.41	ug/l	96
20) trans-1,2-Dichloroethene	8.07	96	1465427	50.20	ug/l	95
21) 1,1-Dichloroethane	8.44	63	2147314	47.65	ug/l	99
22) Vinyl Acetate	8.71	43	2528649	40.00	ug/l	97
23) Chloroprene	9.02	53	1492143	45.92	ug/l	92
24) 2-Butanone	9.15	43	5133161	232.32	ug/l	90
25) Di-isopropyl ether	9.18	45	4877123	43.69	ug/l	94
26) Methacrylonitrile	9.30	41	888647	44.42	ug/l	90
27) cis-1,2 Dichloroethene	9.33	96	1613032	50.34	ug/l	97
28) Methyl Acrylate	9.79	55	1242251	47.41	ug/l	98
29) Ethyl tertiary-butyl ether	9.79	59	3650576	44.22	ug/l	96
30) 2,2-Dichloropropane	9.78	77	1248365	45.42	ug/l	88
31) Bromochloromethane	9.59	128	929726	49.61	ug/l	88
32) Tetrahydrofuran	10.20	42	340375	39.74	ug/l	93
33) Chloroform	9.66	83	2185792	52.20	ug/l	99
35) 1-Chlorobutane	10.80	56	2085272	46.26	ug/l	98
36) 1,1,1-Trichloroethane	10.82	97	1503318	50.45	ug/l	100
37) 1,1-Dichloropropene	11.12	75	1421515	47.54	ug/l	97
38) Cyclohexane	11.25	56	1302174	45.92	ug/l	95
39) Carbon Tetrachloride	11.38	117	1256173	53.20	ug/l	98
40) Benzene	11.44	78	4949085	48.87	ug/l	100
42) 1,2-Dichloroethane	10.67	62	1405610	52.08	ug/l	96
43) Tertiary-amyl methyl ether	11.73	73	3105579	43.41	ug/l	95
44) Trichloroethene	12.46	95	1364799	50.71	ug/l	93
45) 1,2-Dichloropropane	12.40	63	1336734	47.04	ug/l	99
46) Dibromomethane	12.34	93	1158601	52.72	ug/l	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340472.D Vial: 7
Acq On : 12 Jul 2010 1:40 pm Operator: MD
Sample : CTG0064-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:12 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

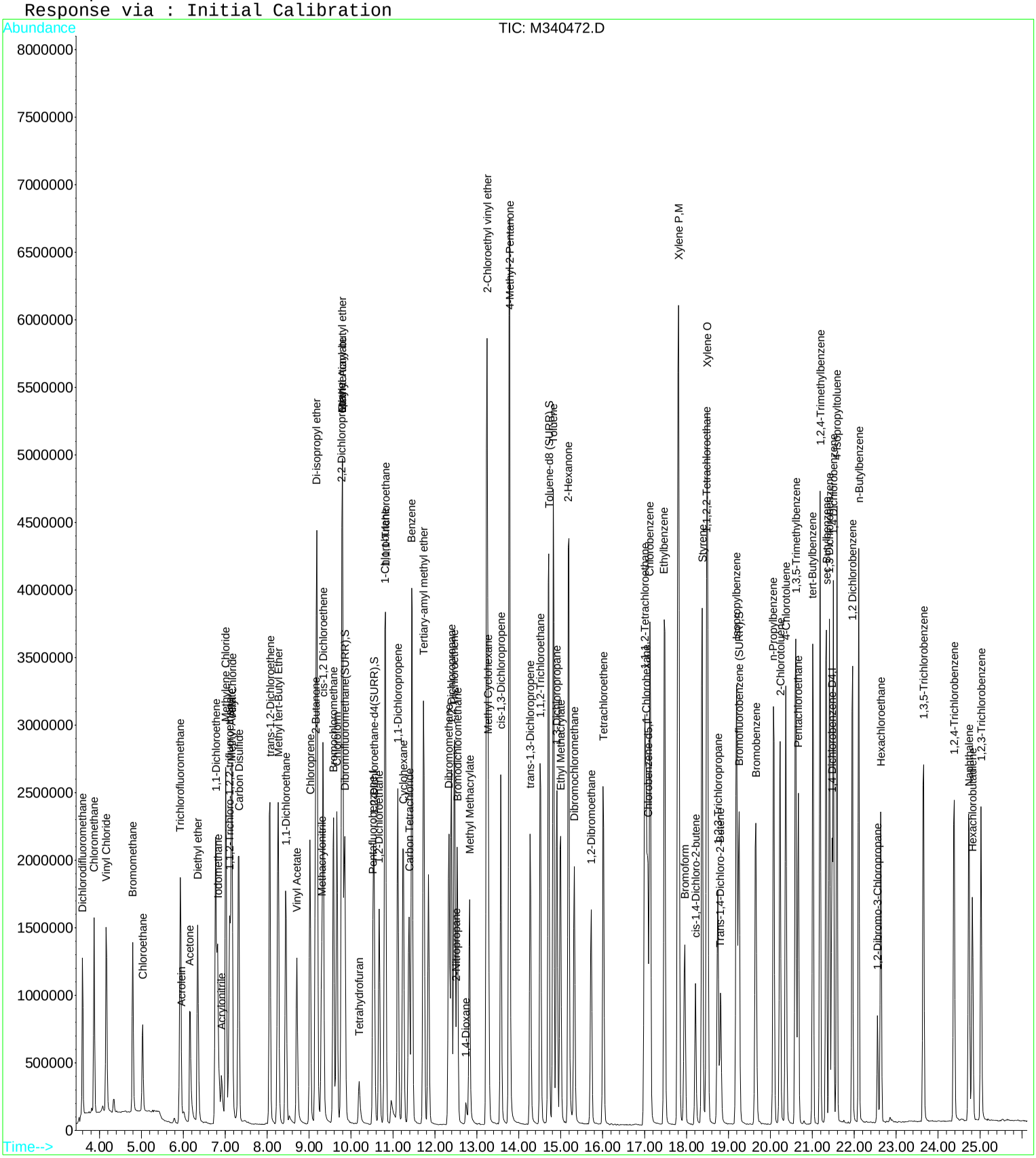
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.50	43	258889	41.84	ug/l	92
48)	Bromodichloromethane	12.53	83	1644592	52.31	ug/l	98
49)	1,4-Dioxane	12.74	88	209207	817.85	ug/l	95
50)	Methyl Methacrylate	12.83	41	1157401	41.30	ug/l	92
51)	2-Chloroethyl vinyl ether	13.24	63	2955649	208.81	ug/l	96
52)	Methyl Cyclohexane	13.27	83	1237076	49.90	ug/l	96
53)	4-Methyl-2-Pentanone	13.78	58	2520190	228.59	ug/l	96
54)	cis-1,3-Dichloropropene	13.57	75	1885196	47.33	ug/l	97
55)	trans-1,3-Dichloropropene	14.27	75	1537893	48.85	ug/l	97
56)	1,1,2-Trichloroethane	14.51	83	1143238	51.54	ug/l	97
57)	Toluene	14.82	92	2947208	50.04	ug/l	98
60)	Ethyl Methacrylate	15.00	69	1488836	41.43	ug/l	95
61)	2-Hexanone	15.18	43	4863792	218.32	ug/l	99
62)	1,3-Dichloropropane	14.91	76	2038442	47.97	ug/l	99
63)	Tetrachloroethene	16.01	164	885781	52.18	ug/l	94
64)	Dibromochloromethane	15.33	129	1505072	53.27	ug/l	100
65)	1,2-Dibromoethane	15.73	107	1609160	51.05	ug/l	100
66)	1-Chlorohexane	17.04	91	1116330	44.78	ug/l	97
67)	Chlorobenzene	17.13	112	3410737	50.18	ug/l	97
68)	1,1,1,2-Tetrachloroethane	17.01	131	1144811	51.62	ug/l	99
69)	Ethylbenzene	17.47	91	4376633	47.75	ug/l	98
70)	Xylene P,M	17.81	106	3579778	99.94	ug/l	98
71)	Xylene O	18.49	106	1812098	49.06	ug/l	100
72)	Styrene	18.38	104	3270883	49.69	ug/l	97
73)	Bromoform	17.96	173	953822	60.60	ug/l	99
74)	cis-1,4-Dichloro-2-butene	18.21	75	377905	50.66	ug/l	95
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	313876	45.19	ug/l	95
78)	1,2,3-Trichloropropane	18.75	75	1194716	47.91	ug/l	97
79)	Isopropylbenzene	19.19	105	3763950	47.34	ug/l	99
80)	Bromobenzene	19.65	156	1327504	50.09	ug/l	94
81)	1,1,2,2-Tetrachloroethane	18.48	83	1717841	46.62	ug/l	98
82)	n-Propylbenzene	20.07	91	4121648	46.54	ug/l	97
83)	2-Chlorotoluene	20.23	91	2663719	47.14	ug/l	97
84)	4-Chlorotoluene	20.37	91	2789761	46.33	ug/l	97
85)	1,3,5-Trimethylbenzene	20.61	105	2997504	47.42	ug/l	99
86)	Pentachloroethane	20.67	119	613513	45.43	ug/l	96
87)	tert-Butylbenzene	21.01	119	2427568	47.07	ug/l	95
88)	1,2,4-Trimethylbenzene	21.19	105	3146953	46.13	ug/l	96
89)	sec-Butylbenzene	21.34	105	3800072	47.55	ug/l	97
90)	1,3 Dichlorobenzene	21.41	146	1944351	49.62	ug/l	95
91)	4-Isopropyltoluene	21.59	119	3204529	48.73	ug/l	99
92)	1,4 Dichlorobenzene	21.50	146	2099402	49.23	ug/l	96
93)	n-Butylbenzene	22.11	91	2844179	48.20	ug/l	98
94)	1,2 Dichlorobenzene	21.96	146	1967962	49.36	ug/l	96
95)	1,2-Dibromo-3-Chloropropan	22.56	75	190068	44.77	ug/l	78
96)	Hexachloroethane	22.63	117	638401	54.89	ug/l	96
97)	1,3,5-Trichlorobenzene	23.66	180	1291724	52.43	ug/l	97
98)	1,2,4-Trichlorobenzene	24.38	180	1223892	49.99	ug/l	98
99)	Hexachlorobutadiene	24.82	225	530484	50.72	ug/l	96
100)	Naphthalene	24.74	128	2916970	45.03	ug/l	100
101)	1,2,3-Trichlorobenzene	25.02	180	1102944	51.03	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340472.D Vial: 7
Acq On : 12 Jul 2010 1:40 pm Operator: MD
Sample : CTG0064-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:12 2010 Quant Results File: AQ063010.RES

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340473.D Vial: 8
Acq On : 12 Jul 2010 2:12 pm Operator: MD
Sample : CTG0064-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:44 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1239980	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1792428	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.46	152	724416	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	3583747	114.54	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 458.16%#			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	2454183	110.50	ug/l	0.00
Spiked Amount 25.000			Recovery = 442.00%			
59) Toluene-d8 (SURR)	14.71	98	9293878	107.40	ug/l	0.00
Spiked Amount 25.000			Recovery = 429.60%			
75) Bromofluorobenzene (SURR)	19.24	95	3128039	109.29	ug/l	0.00
Spiked Amount 25.000			Recovery = 437.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	2351277	86.51	ug/l	98
3) Chloromethane	3.86	50	2970063	80.59	ug/l	99
4) Vinyl Chloride	4.15	62	2502118	88.78	ug/l	100
5) Bromomethane	4.79	94	2129113	109.56	ug/l	99
6) Chloroethane	5.03	64	1447838	95.27	ug/l	98
7) Trichlorofluoromethane	5.93	101	4087152	100.68	ug/l	99
8) Diethyl ether	6.33	59	2123415	91.31	ug/l	96
9) Acrolein	5.95	56	322529	89.09	ug/l	97
10) Acetone	6.16	43	3655325	443.86	ug/l	99
11) Iodomethane	6.81	142	4499002	109.99	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	2218514	101.08	ug/l	99
13) Methyl Acetate	7.14	43	2757384	90.58	ug/l	97
14) Allyl Chloride	7.15	41	4497639	87.36	ug/l	99
15) Carbon Disulfide	7.32	76	8309690	101.01	ug/l	99
16) 1,1-Dichloroethene	6.77	96	2649531	99.14	ug/l	99
17) Methylene Chloride	7.02	84	3275572	97.90	ug/l	96
18) Methyl tert-Butyl Ether	8.25	73	6471564	92.23	ug/l	97
19) Acrylonitrile	6.90	53	1043979	91.17	ug/l	95
20) trans-1,2-Dichloroethene	8.06	96	3128916	101.30	ug/l	99
21) 1,1-Dichloroethane	8.45	63	4626062	97.01	ug/l	98
22) Vinyl Acetate	8.70	43	5862940	87.65	ug/l	98
23) Chloroprene	9.03	53	3279914	95.40	ug/l	88
24) 2-Butanone	9.15	43	11266618	481.89	ug/l	85
25) Di-isopropyl ether	9.18	45	10724568	90.80	ug/l	96
26) Methacrylonitrile	9.29	41	1980297	93.54	ug/l	93
27) cis-1,2 Dichloroethene	9.34	96	3456907	101.96	ug/l	98
28) Methyl Acrylate	9.78	55	2753615	99.32	ug/l	96
29) Ethyl tertiary-butyl ether	9.80	59	8054967	92.22	ug/l	95
30) 2,2-Dichloropropane	9.77	77	2639595	90.75	ug/l	99
31) Bromochloromethane	9.58	128	1996851	100.70	ug/l	96
32) Tetrahydrofuran	10.19	42	772623	85.25	ug/l	91
33) Chloroform	9.67	83	4655285	105.07	ug/l	97
35) 1-Chlorobutane	10.81	56	4538897	95.17	ug/l	97
36) 1,1,1-Trichloroethane	10.81	97	3261824	103.45	ug/l	99
37) 1,1-Dichloropropene	11.11	75	3102161	98.04	ug/l	99
38) Cyclohexane	11.24	56	2807500	93.53	ug/l	98
39) Carbon Tetrachloride	11.38	117	2730377	109.28	ug/l	98
40) Benzene	11.45	78	10934852	102.05	ug/l	100
42) 1,2-Dichloroethane	10.68	62	3021338	105.78	ug/l	94
43) Tertiary-amyl methyl ether	11.73	73	6893706	91.07	ug/l	97
44) Trichloroethene	12.46	95	2922270	102.62	ug/l	99
45) 1,2-Dichloropropane	12.39	63	2879396	95.75	ug/l	99
46) Dibromomethane	12.33	93	2496800	107.38	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340473.D Vial: 8
Acq On : 12 Jul 2010 2:12 pm Operator: MD
Sample : CTG0064-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:44 2010 Quant Results File: AQ063010.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

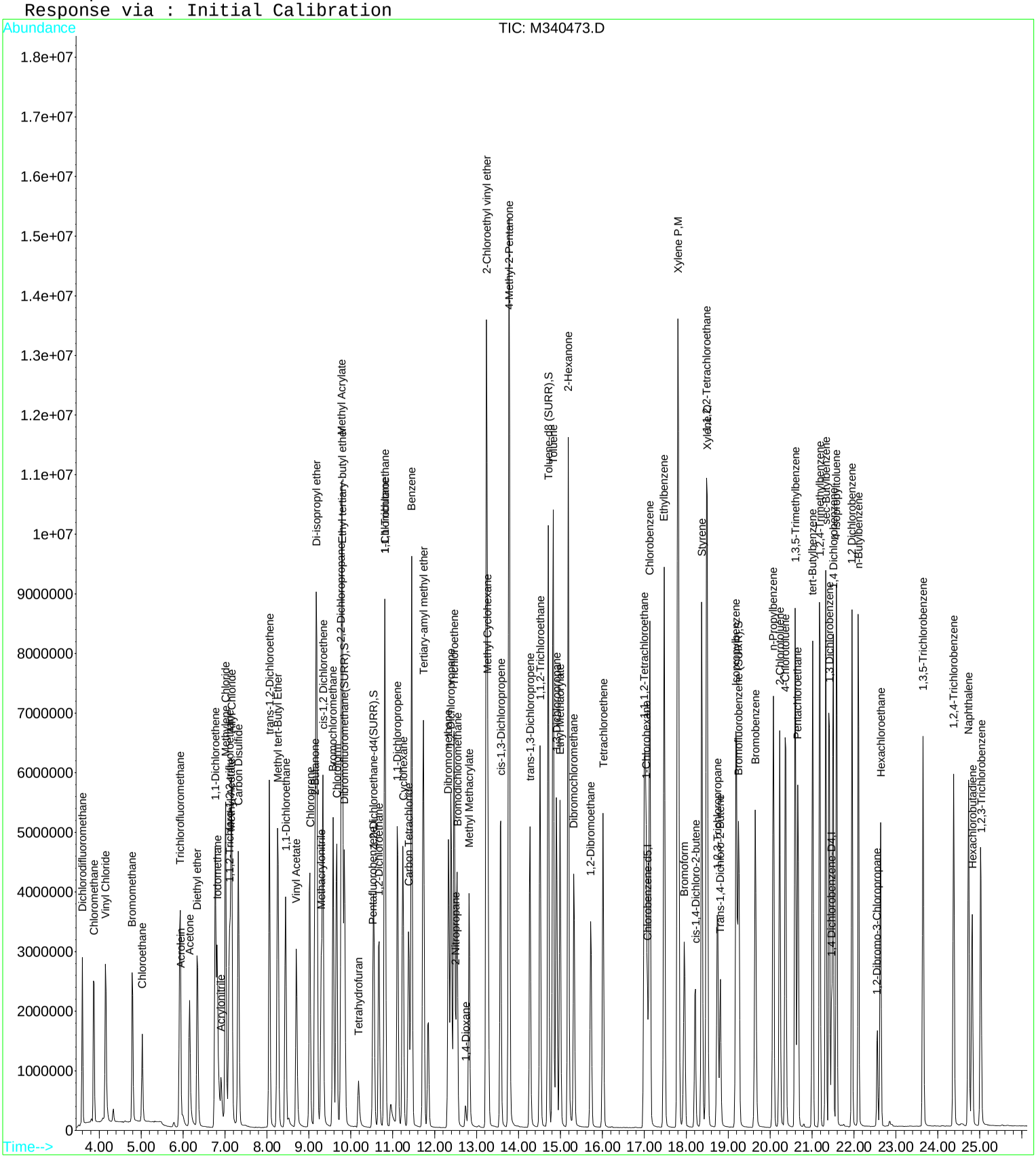
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.49	43	599068	91.50	ug/l	95
48)	Bromodichloromethane	12.54	83	3583906	107.74	ug/l	97
49)	1,4-Dioxane	12.74	88	463187	1711.24	ug/l	85
50)	Methyl Methacrylate	12.82	41	2562633	86.42	ug/l	96
51)	2-Chloroethyl vinyl ether	13.24	63	6829412	455.98	ug/l	98
52)	Methyl Cyclohexane	13.27	83	2621954	99.94	ug/l	100
53)	4-Methyl-2-Pentanone	13.77	58	5628912	482.51	ug/l	89
54)	cis-1,3-Dichloropropene	13.58	75	4252055	100.88	ug/l	94
55)	trans-1,3-Dichloropropene	14.28	75	3565682	107.03	ug/l	93
56)	1,1,2-Trichloroethane	14.51	83	2487767	106.00	ug/l	99
57)	Toluene	14.83	92	6521789	104.65	ug/l	99
60)	Ethyl Methacrylate	14.99	69	3460873	92.29	ug/l	97
61)	2-Hexanone	15.18	43	11164520	480.25	ug/l	100
62)	1,3-Dichloropropane	14.90	76	4449123	100.34	ug/l	100
63)	Tetrachloroethene	16.02	164	1772014	100.03	ug/l	97
64)	Dibromochloromethane	15.32	129	3413341	115.78	ug/l	99
65)	1,2-Dibromoethane	15.72	107	3511178	106.74	ug/l	100
66)	1-Chlorohexane	17.04	91	2502627	96.20	ug/l	93
67)	Chlorobenzene	17.13	112	7396004	104.28	ug/l	100
68)	1,1,1,2-Tetrachloroethane	17.00	131	2489936	107.59	ug/l	98
69)	Ethylbenzene	17.47	91	9718154	101.60	ug/l	100
70)	Xylene P,M	17.80	106	7853666	210.12	ug/l	100
71)	Xylene O	18.50	106	3977209	103.18	ug/l	97
72)	Styrene	18.37	104	7297323	106.24	ug/l	99
73)	Bromoform	17.95	173	2214386	134.82	ug/l	98
74)	cis-1,4-Dichloro-2-butene	18.22	75	950799	122.14	ug/l	93
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	724515	96.47	ug/l	94
78)	1,2,3-Trichloropropane	18.74	75	2549055	95.89	ug/l	98
79)	Isopropylbenzene	19.19	105	8324752	98.23	ug/l	100
80)	Bromobenzene	19.65	156	2936098	103.93	ug/l	98
81)	1,1,2,2-Tetrachloroethane	18.49	83	3754519	95.59	ug/l	100
82)	n-Propylbenzene	20.08	91	9214033	97.59	ug/l	98
83)	2-Chlorotoluene	20.23	91	5849998	97.13	ug/l	98
84)	4-Chlorotoluene	20.36	91	6194008	96.49	ug/l	99
85)	1,3,5-Trimethylbenzene	20.60	105	6563026	97.39	ug/l	98
86)	Pentachloroethane	20.66	119	1590037	110.46	ug/l	96
87)	tert-Butylbenzene	21.01	119	5423941	98.66	ug/l	100
88)	1,2,4-Trimethylbenzene	21.18	105	7086211	97.44	ug/l	100
89)	sec-Butylbenzene	21.33	105	8426832	98.92	ug/l	98
90)	1,3 Dichlorobenzene	21.42	146	4245950	101.64	ug/l	91
91)	4-Isopropyltoluene	21.58	119	7001606	99.89	ug/l	98
92)	1,4 Dichlorobenzene	21.51	146	4534169	99.75	ug/l	99
93)	n-Butylbenzene	22.10	91	6213345	98.78	ug/l	99
94)	1,2 Dichlorobenzene	21.95	146	4330575	101.90	ug/l	99
95)	1,2-Dibromo-3-Chloropropan	22.55	75	432058	95.48	ug/l	91
96)	Hexachloroethane	22.64	117	1408152	113.58	ug/l	86
97)	1,3,5-Trichlorobenzene	23.65	180	2840161	108.14	ug/l	98
98)	1,2,4-Trichlorobenzene	24.38	180	2720450	104.25	ug/l	97
99)	Hexachlorobutadiene	24.82	225	1112744	99.81	ug/l	98
100)	Naphthalene	24.73	128	6646387	96.25	ug/l	100
101)	1,2,3-Trichlorobenzene	25.03	180	2448077	106.26	ug/l	97

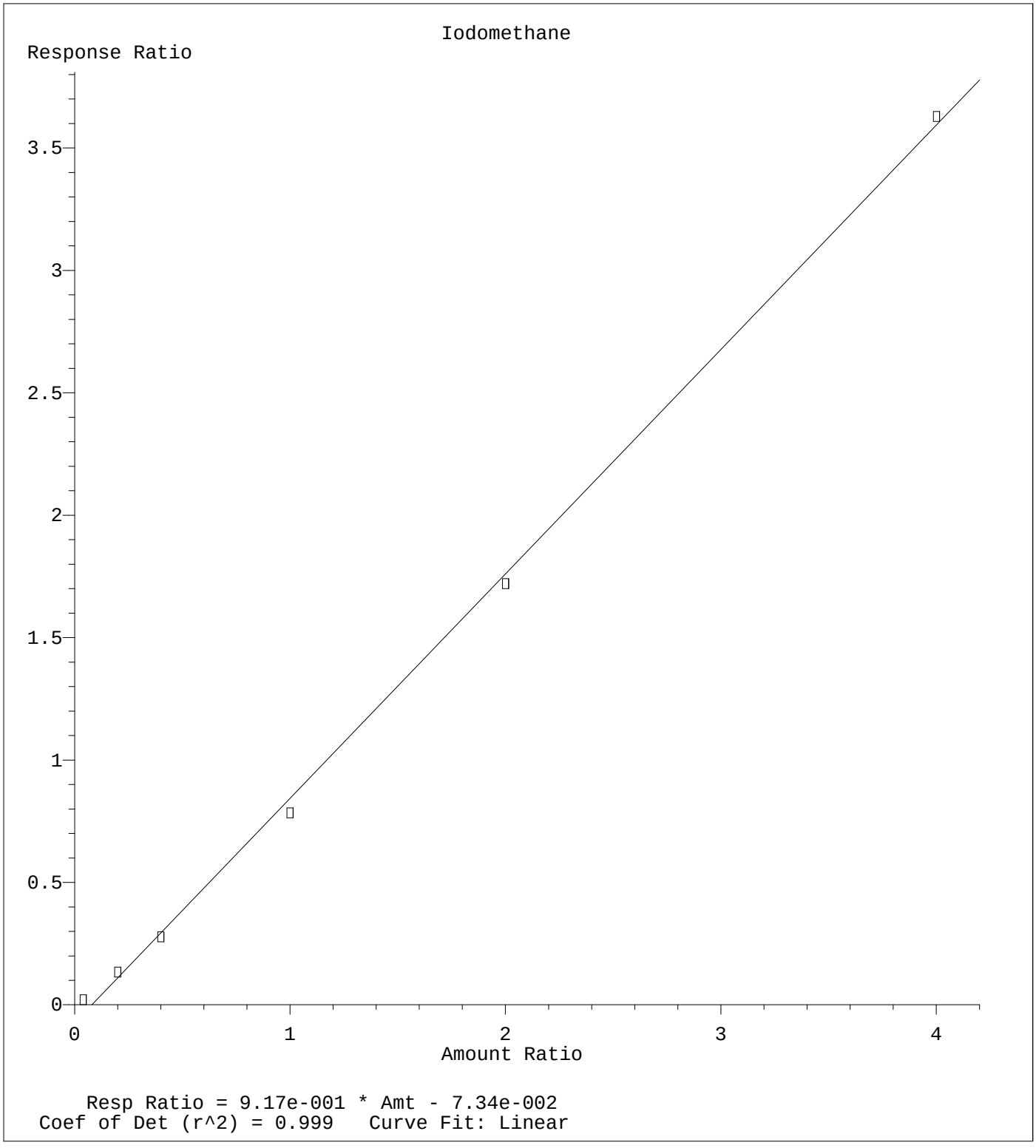
(#) = qualifier out of range (m) = manual integration

Quantitation Report

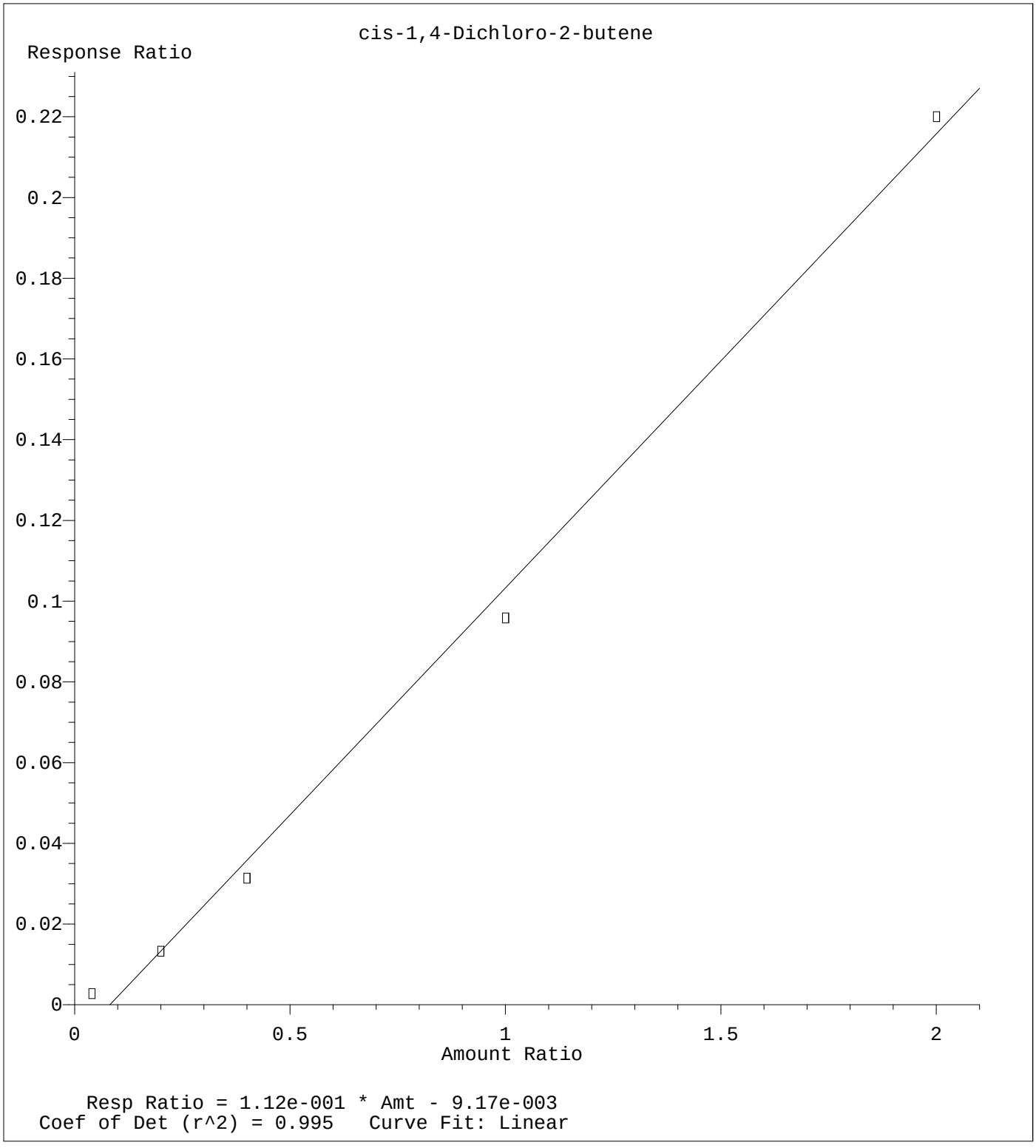
Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340473.D Vial: 8
Acq On : 12 Jul 2010 2:12 pm Operator: MD
Sample : CTG0064-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 14:44 2010 Quant Results File: AQ063010.RES

Method : C:\HPCHEM\1\METHODS\AQ063010.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Wed Jun 30 14:33:38 2010
Response via : Initial Calibration

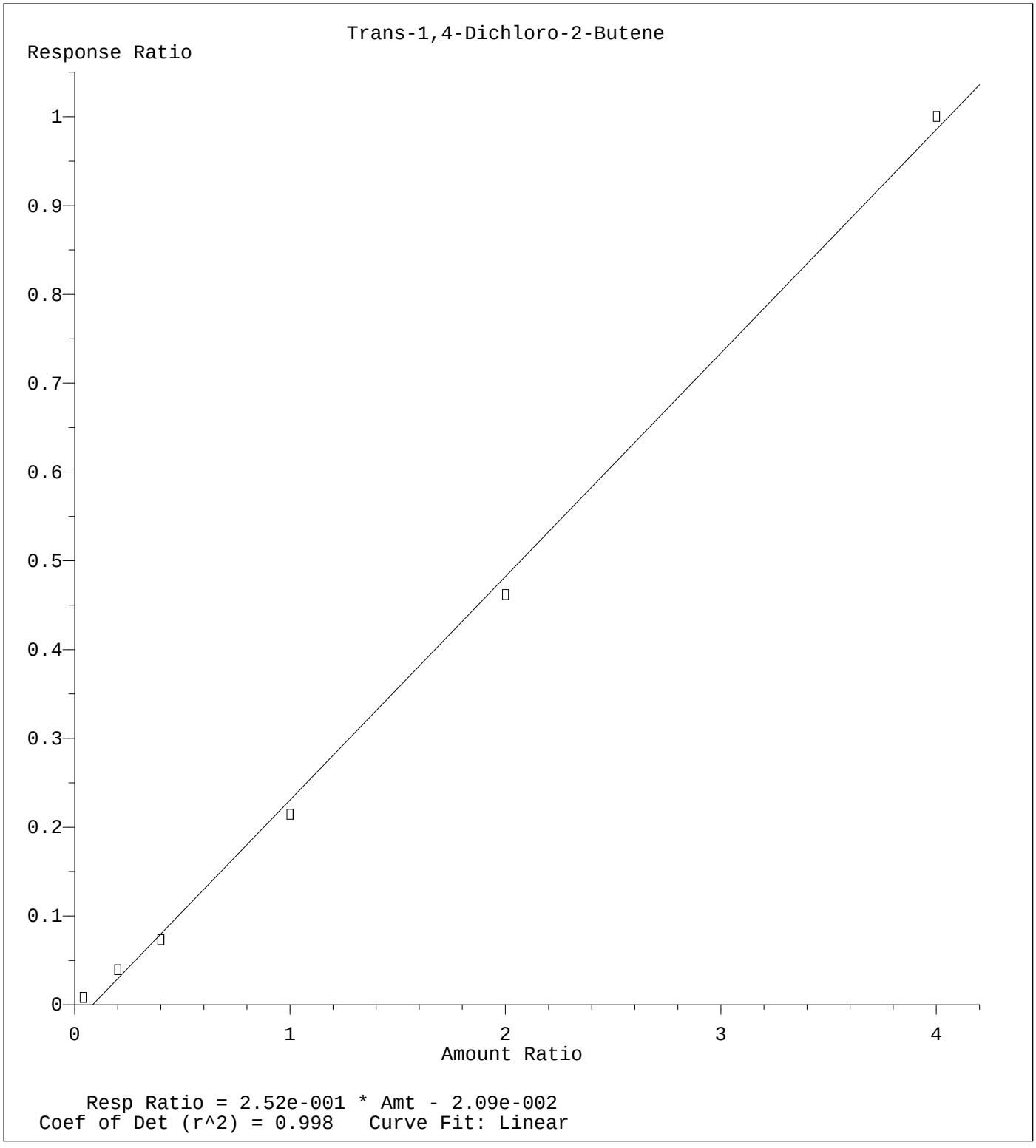




Method Name: C:\HPCHEM\1\METHODS\AQ071210.M
Calibration Table Last Updated: Mon Jul 12 15:21:20 2010



Method Name: C:\HPCHEM\1\METHODS\AQ071210.M
Calibration Table Last Updated: Mon Jul 12 15:22:07 2010



Method Name: C:\HPCHEM\1\METHODS\AQ071210.M
Calibration Table Last Updated: Mon Jul 12 15:22:21 2010

Response Factor Report VOA MS3

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Mon Jul 12 15:23:17 2010
Response via : Initial Calibration

Calibration Files
10 =M340470.D 5 =M340469.D 1 =M340468.D
50 =M340472.D 100 =M340473.D 0.4 =M340467.D

		Compound	10	5	1	50	100	0.4	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.450	0.470	0.537	0.466	0.474		0.479	6.95
3)		Chloromethane	0.636	0.698	0.859	0.615	0.599		0.681	15.61
4)		Vinyl Chloride	0.509	0.520	0.599	0.514	0.504		0.529	7.46
5)		Bromomethane	0.328	0.359	0.472	0.406	0.429		0.399	14.22
6)		Chloroethane	0.291	0.317	0.371	0.289	0.292		0.312	11.30
7)		Trichlorofluorometh	0.813	0.844	0.893	0.830	0.824		0.841	3.71
8)		Diethyl ether	0.370	0.379	0.356	0.419	0.428		0.390	8.09
9)		Acrolein	0.078	0.087		0.064	0.065		0.073	14.81
10)		Acetone	0.137	0.154	0.181	0.144	0.147		0.153	11.24
11)		Iodomethane	0.694	0.667	0.507	0.860	0.907		0.727	22.06
12)		1,1,2-Trichloro-1,2	0.455	0.439	0.483	0.456	0.447		0.456	3.62
13)		Methyl Acetate	0.471	0.537	0.702	0.534	0.556		0.560	15.28
14)		Allyl Chloride	0.792	0.784	0.990	0.862	0.907		0.867	9.89
15)		Carbon Disulfide	1.459	1.470	1.551	1.615	1.675		1.554	5.98
16)		1,1-Dichloroethene	0.496	0.500	0.573	0.526	0.534		0.526	5.93
17)		Methylene Chloride	0.650	0.698	0.786	0.659	0.660		0.690	8.17
18)		Methyl tert-Butyl E	1.167	1.185	1.185	1.262	1.305		1.221	4.88
19)		Acrylonitrile	0.189	0.192	0.208	0.205	0.210	0.183	0.198	5.87
20)		trans-1,2-Dichloroe	0.578	0.615	0.682	0.625	0.631		0.626	5.97
21)		1,1-Dichloroethane	0.896	0.933	0.966	0.916	0.933		0.929	2.75
22)		Vinyl Acetate	0.936	0.999	1.164	1.079	1.182		1.072	9.85
23)		Chloroprene	0.552	0.569	0.589	0.637	0.661		0.602	7.67
24)		2-Butanone	0.400	0.398	0.401	0.438	0.454		0.418	6.22
25)		Di-isopropyl ether	1.889	1.969	2.013	2.081	2.162		2.023	5.17
26)		Methacrylonitrile	0.329	0.416	0.497	0.379	0.399		0.404	15.15
27)		cis-1,2 Dichloroeth	0.658	0.685	0.753	0.688	0.697		0.696	5.00
28)		Methyl Acrylate	0.479	0.483	0.532	0.530	0.555		0.516	6.46
29)		Ethyl tertiary-buty	1.408	1.450	1.472	1.558	1.624		1.502	5.81
30)		2,2-Dichloropropane	0.522	0.551	0.571	0.533	0.532		0.542	3.56
31)		Bromochloromethane	0.382	0.396	0.410	0.397	0.403		0.397	2.61
32)		Tetrahydrofuran	0.157	0.186		0.145	0.156		0.161	10.78
33)		Chloroform	0.897	0.931	0.960	0.933	0.939		0.932	2.44
34)	S	Dibromofluoromethan	0.671	0.701	0.696	0.711	0.723		0.700	2.74
35)		1-Chlorobutane	0.817	0.844	0.907	0.890	0.915		0.875	4.84
36)		1,1,1-Trichloroetha	0.617	0.634	0.681	0.641	0.658		0.646	3.73
37)		1,1-Dichloropropene	0.563	0.583	0.586	0.607	0.625		0.593	4.03
38)		Cyclohexane	0.513	0.515	0.559	0.556	0.566		0.542	4.68
39)		Carbon Tetrachlorid	0.499	0.506	0.498	0.536	0.550		0.518	4.62
40)		Benzene	1.964	2.056	2.115	2.112	2.205		2.090	4.24
41)	S	1,2-Dichloroethane-	0.485	0.508	0.534	0.497	0.495		0.504	3.72
42)		1,2-Dichloroethane	0.583	0.626	0.578	0.600	0.609		0.599	3.25
43)		Tertiary-amyl methy	1.189	1.201	1.278	1.325	1.390		1.277	6.62
44)		Trichloroethene	0.547	0.564	0.603	0.582	0.589		0.577	3.80
45)		1,2-Dichloropropane	0.530	0.576	0.539	0.570	0.581		0.559	4.11
46)		Dibromomethane	0.454	0.497	0.519	0.494	0.503		0.494	4.83
47)		2-Nitropropane	0.105	0.119	0.142	0.110	0.121		0.119	11.73
48)		Bromodichloromethan	0.628	0.637	0.662	0.702	0.723	0.714	0.678	5.97
49)		1,4-Dioxane	0.004	0.004	0.001	0.004	0.005		0.004	38.60
50)		Methyl Methacrylate	0.434	0.476	0.528	0.494	0.517		0.490	7.57
51)		2-Chloroethyl vinyl	0.198	0.192	0.176	0.252			0.204	16.24
52)		Methyl Cyclohexane	0.482	0.482	0.495	0.528	0.529		0.503	4.69
53)		4-Methyl-2-Pentanon	0.187	0.189	0.195	0.215	0.227		0.202	8.72
54)		cis-1,3-Dichloropro	0.681	0.692	0.707	0.804	0.857	0.756	0.750	9.34
55)		trans-1,3-Dichlorop	0.544	0.531	0.466	0.656	0.719	0.534	0.575	16.27
56)		1,1,2-Trichloroetha	0.448	0.480	0.489	0.488	0.502		0.481	4.19
57)		Toluene	1.126	1.175	1.131	1.257	1.315		1.201	6.88
58)	I	Chlorobenzene-d5	----------ISTD----------							

(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Mon Jul 12 15:23:17 2010
Response via : Initial Calibration

Calibration Files
10 =M340470.D 5 =M340469.D 1 =M340468.D
50 =M340472.D 100 =M340473.D 0.4 =M340467.D

		Compound	10	5	1	50	100	0.4	Avg	%RSD
59)	S	Toluene-d8 (SURR)	1.117	1.088	1.123	1.240	1.296		1.173	7.70
60)		Ethyl Methacrylate	0.379	0.368	0.363	0.433	0.483		0.405	12.77
61)		2-Hexanone	0.245	0.226	0.251	0.283	0.311		0.263	12.82
62)		1,3-Dichloropropane	0.557	0.552	0.570	0.593	0.621		0.579	4.91
63)		Tetrachloroethene	0.230	0.220	0.259	0.258	0.247		0.243	7.09
64)		Dibromochloromethan	0.379	0.367	0.376	0.438	0.476	0.437	0.412	10.78
65)		1,2-Dibromoethane	0.424	0.413	0.425	0.468	0.490		0.444	7.47
66)		1-Chlorohexane	0.290	0.277	0.322	0.325	0.349		0.313	9.26
67)		Chlorobenzene	0.929	0.906	0.970	0.993	1.032		0.966	5.18
68)		1,1,1,2-Tetrachloro	0.299	0.305	0.320	0.333	0.347		0.321	6.19
69)		Ethylbenzene	1.132	1.093	1.187	1.274	1.355		1.208	8.83
70)		Xylene P,M	0.460	0.440	0.425	0.521	0.548		0.479	11.10
71)		Xylene O	0.470	0.456	0.477	0.527	0.555		0.497	8.44
72)		Styrene	0.788	0.744	0.743	0.952	1.018		0.849	15.04
73)		Bromoform	0.234	0.219	0.200	0.278			0.233	14.24
74)		cis-1,4-Dichloro-2-	0.078	0.066	0.069	0.110			0.081	24.88
75)	S	Bromofluorobenzene	0.381	0.362	0.402	0.412	0.436		0.399	7.19
76)	I	1,4 Dichlorobenzene-D	----------			ISTD	----------			
77)		Trans-1,4-Dichloro-	0.183	0.197	0.204	0.231	0.250		0.213	12.65
78)		1,2,3-Trichloroprop	0.836	0.875	0.896	0.879	0.880		0.873	2.55
79)		Isopropylbenzene	2.442	2.470	2.494	2.769	2.873		2.610	7.56
80)		Bromobenzene	0.889	0.909	0.858	0.977	1.013		0.929	6.88
81)		1,1,2,2-Tetrachloro	1.191	1.299	1.436	1.264	1.296	1.410	1.316	6.98
82)		n-Propylbenzene	2.638	2.662	2.796	3.032	3.180		2.862	8.28
83)		2-Chlorotoluene	1.719	1.884	1.897	1.960	2.019		1.896	5.93
84)		4-Chlorotoluene	1.871	1.962	1.938	2.053	2.138		1.992	5.23
85)		1,3,5-Trimethylbenz	1.872	1.939	1.889	2.205	2.265		2.034	9.17
86)		Pentachloroethane	0.477	0.508	0.522	0.451	0.549		0.501	7.61
87)		tert-Butylbenzene	1.561	1.555	1.589	1.786	1.872		1.673	8.76
88)		1,2,4-Trimethylbenz	2.009	2.040	2.079	2.315	2.445		2.178	8.83
89)		sec-Butylbenzene	2.464	2.511	2.469	2.796	2.908		2.630	7.89
90)		1,3 Dichlorobenzene	1.331	1.395	1.432	1.431	1.465		1.411	3.61
91)		4-Isopropyltoluene	2.054	2.072	2.046	2.358	2.416		2.189	8.31
92)		1,4 Dichlorobenzene	1.466	1.564	1.612	1.545	1.565		1.550	3.43
93)		n-Butylbenzene	1.756	1.783	1.792	2.093	2.144		1.914	9.85
94)		1,2 Dichlorobenzene	1.344	1.392	1.382	1.448	1.495		1.412	4.19
95)		1,2-Dibromo-3-Chlor	0.131	0.147	0.171	0.140	0.149		0.148	10.14
96)		Hexachloroethane	0.390	0.394	0.425	0.470	0.486		0.433	10.00
97)		1,3,5-Trichlorobenz	0.881	0.920	0.938	0.950	0.980		0.934	3.95
98)		1,2,4-Trichlorobenz	0.791	0.840	0.870	0.900	0.939		0.868	6.50
99)		Hexachlorobutadiene	0.355	0.382	0.416	0.390	0.384	0.489	0.403	11.56
100)		Naphthalene	1.835	1.888	2.032	2.146	2.294		2.039	9.20
101)		1,2,3-Trichlorobenz	0.727	0.749	0.773	0.811	0.845		0.781	6.06

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report VOA MS3

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration

Calibration Files
25 =M340471.D 10 =M340470.D 5 =M340469.D
1 =M340468.D 50 =M340472.D 100 =M340473.D

		Compound	25	10	5	1	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.460	0.450	0.470	0.537	0.466	0.474	0.476	6.46
3)		Chloromethane	0.624	0.636	0.698	0.859	0.615	0.599	0.672	14.59
4)		Vinyl Chloride	0.509	0.509	0.520	0.599	0.514	0.504	0.526	6.89
5)		Bromomethane	0.385	0.328	0.359	0.472	0.406	0.429	0.396	12.87
6)		Chloroethane	0.296	0.291	0.317	0.371	0.289	0.292	0.309	10.40
7)		Trichlorofluorometh	0.829	0.813	0.844	0.893	0.830	0.824	0.839	3.38
8)		Diethyl ether	0.391	0.370	0.379	0.356	0.419	0.428	0.390	7.23
9)		Acrolein	0.072	0.078	0.087		0.064	0.065	0.073	12.88
10)		Acetone	0.142	0.137	0.154	0.181	0.144	0.147	0.151	10.59
11)		Iodomethane	0.783	0.694	0.667	0.507	0.860	0.907	0.737	19.73
12)		1,1,2-Trichloro-1,2	0.455	0.455	0.439	0.483	0.456	0.447	0.456	3.24
13)		Methyl Acetate	0.518	0.471	0.537	0.702	0.534	0.556	0.553	14.18
14)		Allyl Chloride	0.832	0.792	0.784	0.990	0.862	0.907	0.861	9.06
15)		Carbon Disulfide	1.563	1.459	1.470	1.551	1.615	1.675	1.556	5.35
16)		1,1-Dichloroethene	0.509	0.496	0.500	0.573	0.526	0.534	0.523	5.48
17)		Methylene Chloride	0.662	0.650	0.698	0.786	0.659	0.660	0.686	7.54
18)		Methyl tert-Butyl E	1.224	1.167	1.185	1.185	1.262	1.305	1.221	4.36
19)		Acrylonitrile	0.195	0.189	0.192	0.208	0.205	0.210	0.198	5.39
20)		trans-1,2-Dichloroe	0.620	0.578	0.615	0.682	0.625	0.631	0.625	5.36
21)		1,1-Dichloroethane	0.905	0.896	0.933	0.966	0.916	0.933	0.925	2.68
22)		Vinyl Acetate	1.029	0.936	0.999	1.164	1.079	1.182	1.065	9.02
23)		Chloroprene	0.618	0.552	0.569	0.589	0.637	0.661	0.604	6.92
24)		2-Butanone	0.420	0.400	0.398	0.401	0.438	0.454	0.419	5.56
25)		Di-isopropyl ether	2.016	1.889	1.969	2.013	2.081	2.162	2.022	4.63
26)		Methacrylonitrile	0.366	0.329	0.416	0.497	0.379	0.399	0.398	14.31
27)		cis-1,2 Dichloroeth	0.672	0.658	0.685	0.753	0.688	0.697	0.692	4.71
28)		Methyl Acrylate	0.509	0.479	0.483	0.532	0.530	0.555	0.515	5.82
29)		Ethyl tertiary-buty	1.526	1.408	1.450	1.472	1.558	1.624	1.506	5.22
30)		2,2-Dichloropropane	0.529	0.522	0.551	0.571	0.533	0.532	0.540	3.34
31)		Bromochloromethane	0.399	0.382	0.396	0.410	0.397	0.403	0.398	2.34
32)		Tetrahydrofuran	0.157	0.157	0.186		0.145	0.156	0.160	9.42
33)		Chloroform	0.924	0.897	0.931	0.960	0.933	0.939	0.931	2.22
34)	S	Dibromofluoromethan	0.714	0.671	0.701	0.696	0.711	0.723	0.703	2.57
35)		1-Chlorobutane	0.871	0.817	0.844	0.907	0.890	0.915	0.874	4.33
36)		1,1,1-Trichloroetha	0.643	0.617	0.634	0.681	0.641	0.658	0.646	3.35
37)		1,1-Dichloropropene	0.595	0.563	0.583	0.586	0.607	0.625	0.593	3.60
38)		Cyclohexane	0.537	0.513	0.515	0.559	0.556	0.566	0.541	4.21
39)		Carbon Tetrachlorid	0.524	0.499	0.506	0.498	0.536	0.550	0.519	4.15
40)		Benzene	2.063	1.964	2.056	2.115	2.112	2.205	2.086	3.83
41)	S	1,2-Dichloroethane-	0.492	0.485	0.508	0.534	0.497	0.495	0.502	3.47
42)		1,2-Dichloroethane	0.602	0.583	0.626	0.578	0.600	0.609	0.600	2.91
43)		Tertiary-amyl methy	1.290	1.189	1.201	1.278	1.325	1.390	1.279	5.92
44)		Trichloroethene	0.573	0.547	0.564	0.603	0.582	0.589	0.576	3.42
45)		1,2-Dichloropropane	0.549	0.530	0.576	0.539	0.570	0.581	0.557	3.76
46)		Dibromomethane	0.494	0.454	0.497	0.519	0.494	0.503	0.494	4.32
47)		2-Nitropropane	0.099	0.105	0.119	0.142	0.110	0.121	0.116	12.91
48)		Bromodichloromethan	0.673	0.628	0.637	0.662	0.702	0.723	0.677	5.46
49)		1,4-Dioxane	0.004	0.004	0.004		0.004	0.005	0.004	7.13
50)		Methyl Methacrylate	0.477	0.434	0.476	0.528	0.494	0.517	0.488	6.88
51)		2-Chloroethyl vinyl	0.230	0.198	0.192	0.176	0.252		0.210	14.78
52)		Methyl Cyclohexane	0.512	0.482	0.482	0.495	0.528	0.529	0.505	4.25
53)		4-Methyl-2-Pentanon	0.208	0.187	0.189	0.195	0.215	0.227	0.203	7.85
54)		cis-1,3-Dichloropro	0.764	0.681	0.692	0.707	0.804	0.857	0.752	8.54
55)		trans-1,3-Dichlorop	0.607	0.544	0.531	0.466	0.656	0.719	0.580	14.89
56)		1,1,2-Trichloroetha	0.479	0.448	0.480	0.489	0.488	0.502	0.481	3.76
57)		Toluene	1.223	1.126	1.175	1.131	1.257	1.315	1.205	6.18
58)	I	Chlorobenzene-d5	----------ISTD----------							

(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1006023
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration

Calibration Files
25 =M340471.D 10 =M340470.D 5 =M340469.D
1 =M340468.D 50 =M340472.D 100 =M340473.D

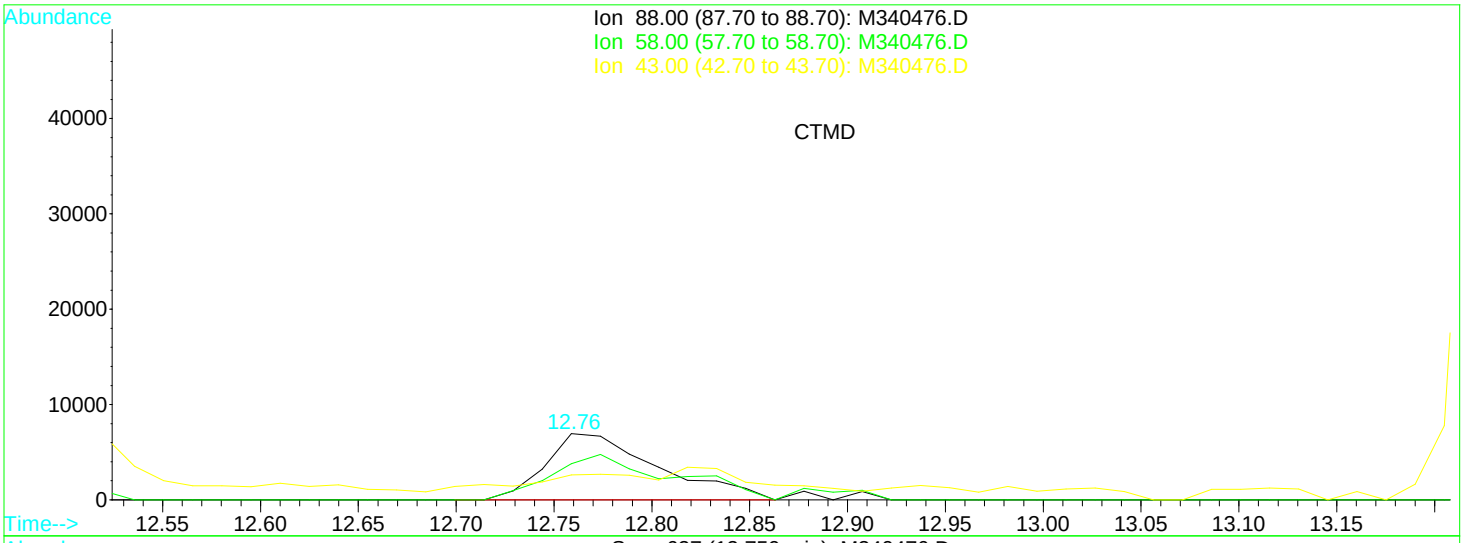
		Compound	25	10	5	1	50	100	Avg	%RSD
59)	S	Toluene-d8 (SURR)	1.211	1.117	1.088	1.123	1.240	1.296	1.179	6.98
60)		Ethyl Methacrylate	0.424	0.379	0.368	0.363	0.433	0.483	0.408	11.49
61)		2-Hexanone	0.279	0.245	0.226	0.251	0.283	0.311	0.266	11.59
62)		1,3-Dichloropropane	0.597	0.557	0.552	0.570	0.593	0.621	0.582	4.55
63)		Tetrachloroethene	0.241	0.230	0.220	0.259	0.258	0.247	0.243	6.36
64)		Dibromochloromethan	0.426	0.379	0.367	0.376	0.438	0.476	0.414	9.87
65)		1,2-Dibromoethane	0.457	0.424	0.413	0.425	0.468	0.490	0.446	6.76
66)		1-Chlorohexane	0.316	0.290	0.277	0.322	0.325	0.349	0.313	8.28
67)		Chlorobenzene	0.969	0.929	0.906	0.970	0.993	1.032	0.966	4.63
68)		1,1,1,2-Tetrachloro	0.325	0.299	0.305	0.320	0.333	0.347	0.322	5.55
69)		Ethylbenzene	1.233	1.132	1.093	1.187	1.274	1.355	1.212	7.91
70)		Xylene P,M	0.500	0.460	0.440	0.425	0.521	0.548	0.482	10.02
71)		Xylene O	0.522	0.470	0.456	0.477	0.527	0.555	0.501	7.76
72)		Styrene	0.896	0.788	0.744	0.743	0.952	1.018	0.857	13.52
73)		Bromoform	0.260	0.234	0.219	0.200	0.278		0.238	13.11
74)		cis-1,4-Dichloro-2-	0.096	0.078	0.066	0.069	0.110		0.084	22.26
75)	S	Bromofluorobenzene	0.401	0.381	0.362	0.402	0.412	0.436	0.399	6.43
76)	I	1,4 Dichlorobenzene-D	----------	ISTD	----------					
77)		Trans-1,4-Dichloro-	0.214	0.183	0.197	0.204	0.231	0.250	0.213	11.31
78)		1,2,3-Trichloroprop	0.853	0.836	0.875	0.896	0.879	0.880	0.870	2.48
79)		Isopropylbenzene	2.639	2.442	2.470	2.494	2.769	2.873	2.615	6.77
80)		Bromobenzene	0.947	0.889	0.909	0.858	0.977	1.013	0.932	6.18
81)		1,1,2,2-Tetrachloro	1.274	1.191	1.299	1.436	1.264	1.296	1.310	6.52
82)		n-Propylbenzene	2.850	2.638	2.662	2.796	3.032	3.180	2.860	7.41
83)		2-Chlorotoluene	1.857	1.719	1.884	1.897	1.960	2.019	1.889	5.39
84)		4-Chlorotoluene	1.989	1.871	1.962	1.938	2.053	2.138	1.992	4.68
85)		1,3,5-Trimethylbenz	2.060	1.872	1.939	1.889	2.205	2.265	2.038	8.20
86)		Pentachloroethane	0.525	0.477	0.508	0.522	0.451	0.549	0.505	7.03
87)		tert-Butylbenzene	1.657	1.561	1.555	1.589	1.786	1.872	1.670	7.86
88)		1,2,4-Trimethylbenz	2.233	2.009	2.040	2.079	2.315	2.445	2.187	7.93
89)		sec-Butylbenzene	2.687	2.464	2.511	2.469	2.796	2.908	2.639	7.09
90)		1,3 Dichlorobenzene	1.410	1.331	1.395	1.432	1.431	1.465	1.411	3.23
91)		4-Isopropyltoluene	2.194	2.054	2.072	2.046	2.358	2.416	2.190	7.43
92)		1,4 Dichlorobenzene	1.523	1.466	1.564	1.612	1.545	1.565	1.546	3.16
93)		n-Butylbenzene	1.935	1.756	1.783	1.792	2.093	2.144	1.917	8.80
94)		1,2 Dichlorobenzene	1.418	1.344	1.392	1.382	1.448	1.495	1.413	3.75
95)		1,2-Dibromo-3-Chlor	0.136	0.131	0.147	0.171	0.140	0.149	0.146	9.77
96)		Hexachloroethane	0.428	0.390	0.394	0.425	0.470	0.486	0.432	8.97
97)		1,3,5-Trichlorobenz	0.922	0.881	0.920	0.938	0.950	0.980	0.932	3.58
98)		1,2,4-Trichlorobenz	0.840	0.791	0.840	0.870	0.900	0.939	0.863	5.99
99)		Hexachlorobutadiene	0.369	0.355	0.382	0.416	0.390	0.384	0.398	11.17
100)		Naphthalene	2.018	1.835	1.888	2.032	2.146	2.294	2.036	8.25
101)		1,2,3-Trichlorobenz	0.785	0.727	0.749	0.773	0.811	0.845	0.782	5.42

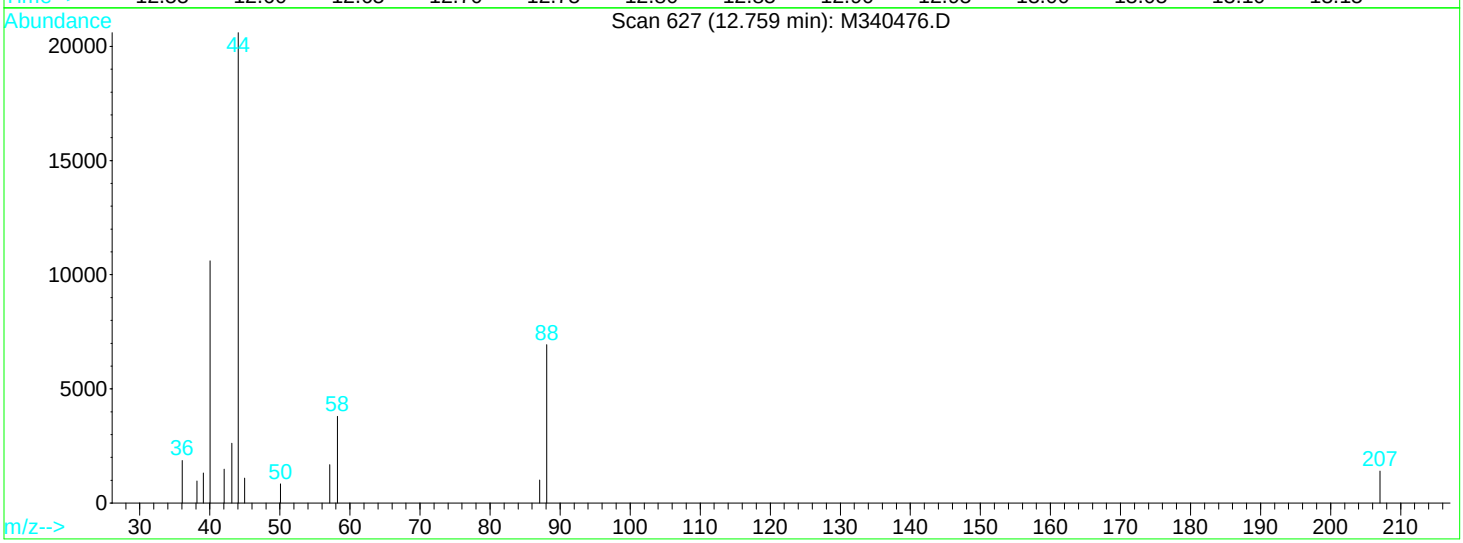
(#) = Out of Range ### Number of calibration levels exceeded format ###

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:36 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Multiple Level Calibration





TIC: M340476.D

(49) 1,4-Dioxane

12.76min 137.01ug/l

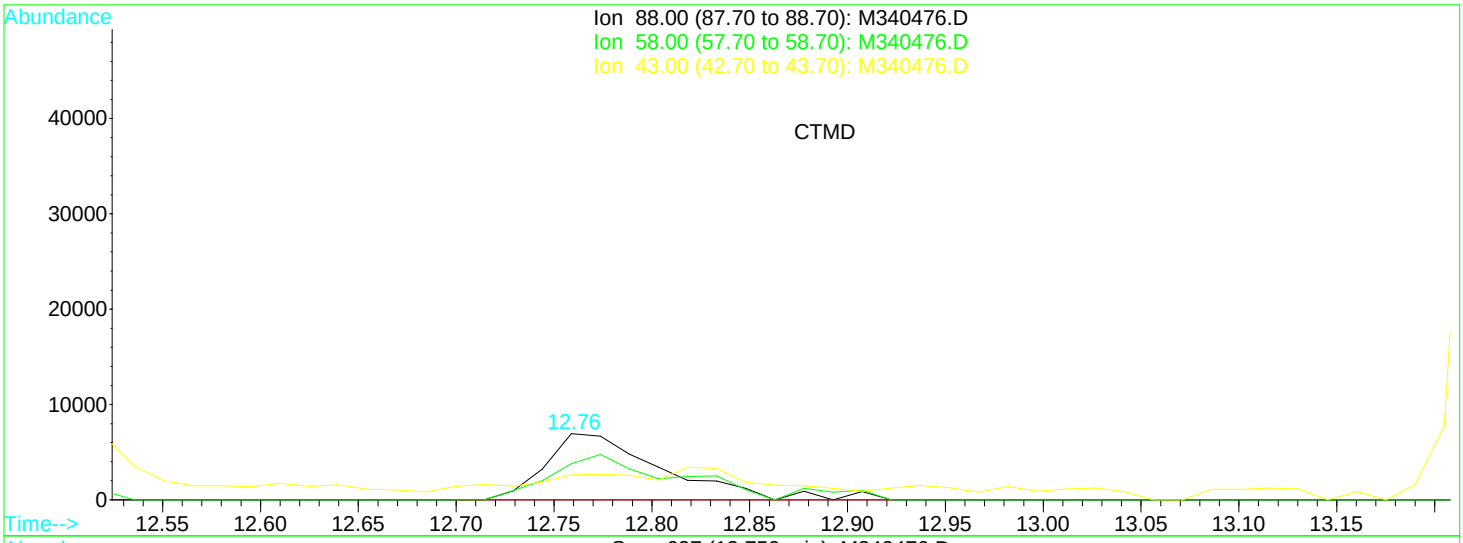
response 27922

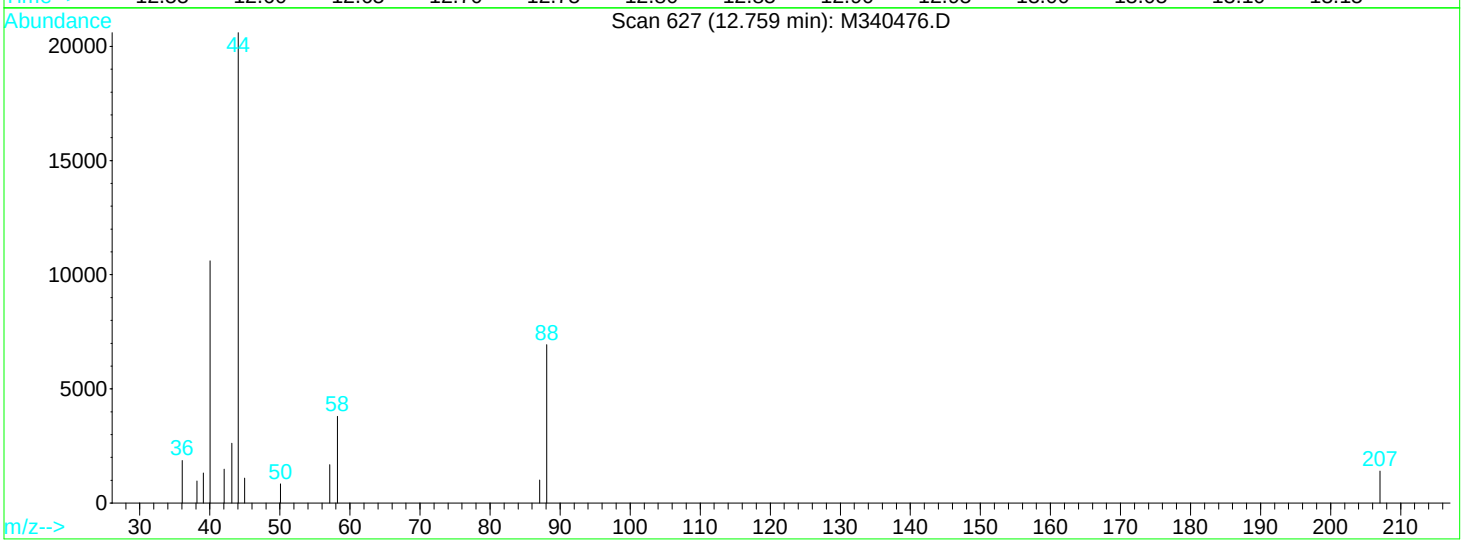
Ion	Exp%	Act%
88.00	100	100
58.00	59.90	54.78
43.00	29.90	37.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:32 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Multiple Level Calibration





TIC: M340476.D

(49) 1,4-Dioxane

12.76min 144.94ug/l m

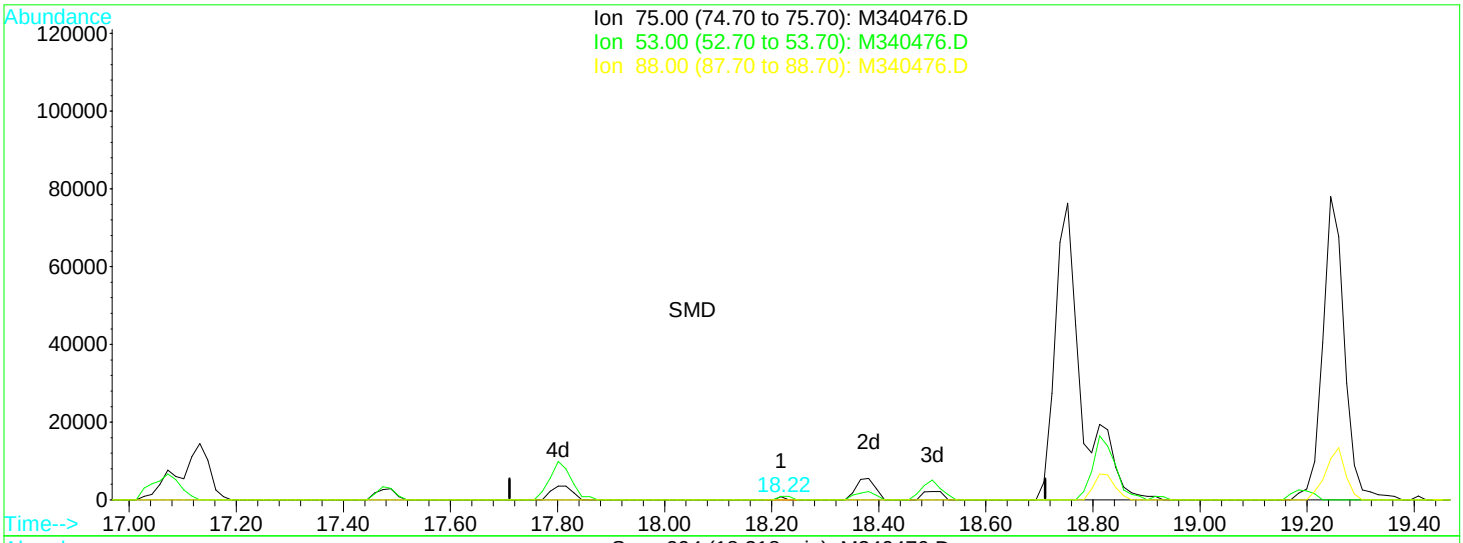
response 29538

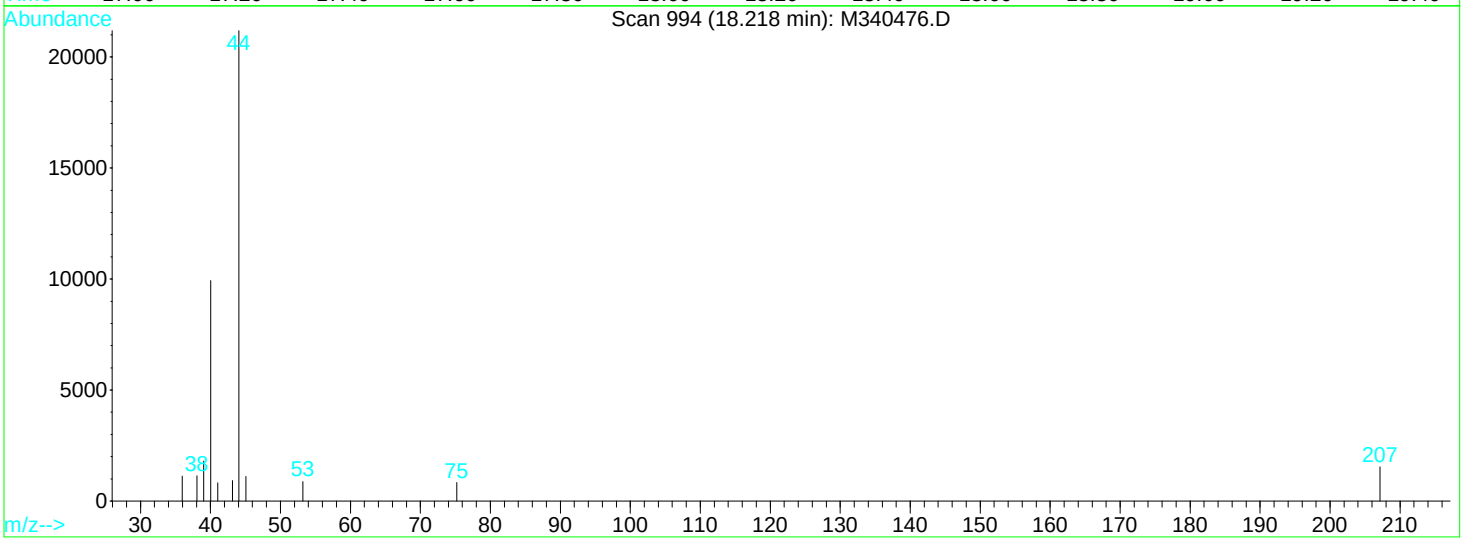
Ion	Exp%	Act%
88.00	100	100
58.00	59.90	54.78
43.00	29.90	37.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:32 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Multiple Level Calibration





TIC: M340476.D

(74) cis-1,4-Dichloro-2-butene

18.22min 2.14ug/l

response 744

Ion	Exp%	Act%
75.00	100	100
53.00	87.00	105.76
88.00	80.40	0.00#
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2		Dichlorodifluoromethane	0.476	0.442	7.1	102	0.00
3		Chloromethane	0.672	0.584	13.1	95	0.00
4		Vinyl Chloride	0.526	0.498	5.3	101	0.00
5		Bromomethane	0.396	0.348	12.1	110	0.00
6		Chloroethane	0.309	0.284	8.1	101	0.00
7		Trichlorofluoromethane	0.839	0.731	12.9	93	0.00
8		Diethyl ether	0.390	0.400	-2.6	112	0.00
9		Acrolein	0.073	0.088	-20.5	117	0.00
10		Acetone	0.151	0.161	-6.6	122	0.00
11		Iodomethane	0.737	0.763	-3.5	114	0.00
12		1,1,2-Trichloro-1,2,2-trifl	0.456	0.467	-2.4	107	0.00
13		Methyl Acetate	0.553	0.426	23.0	94	0.00
14		Allyl Chloride	0.861	0.822	4.5	108	0.00
15		Carbon Disulfide	1.556	1.682	-8.1	120	0.00
16		1,1-Dichloroethene	0.523	0.560	-7.1	117	0.00
17		Methylene Chloride	0.686	0.692	-0.9	111	0.00
18		Methyl tert-Butyl Ether	1.221	1.167	4.4	104	0.00
19		Acrylonitrile	0.198	0.196	1.0	108	0.02
20		trans-1,2-Dichloroethene	0.625	0.581	7.0	104	0.00
21		1,1-Dichloroethane	0.925	0.913	1.3	106	0.00
22		Vinyl Acetate	1.065	1.199	-12.6	133	0.00
23		Chloroprene	0.604	0.011	98.2#	2#	0.15
24		2-Butanone	0.419	0.423	-1.0	110	0.00
25		Di-isopropyl ether	2.022	1.912	5.4	105	0.00
26		Methacrylonitrile	0.398	0.373	6.3	118	0.00
27		cis-1,2 Dichloroethene	0.692	0.692	0.0	109	0.00
28		Methyl Acrylate	0.515	0.482	6.4	105	0.00
29		Ethyl tertiary-butyl ether	1.506	1.387	7.9	102	0.00
30		2,2-Dichloropropane	0.540	0.534	1.1	106	0.00
31		Bromochloromethane	0.398	0.394	1.0	107	0.00
32		Tetrahydrofuran	0.160	0.165	-3.1	109	0.02
33		Chloroform	0.931	0.914	1.8	106	0.00
34	S	Dibromofluoromethane(SURR)	0.703	1.615	-129.7#	250#	0.00
35		1-Chlorobutane	0.874	0.834	4.6	106	0.00
36		1,1,1-Trichloroethane	0.646	0.626	3.1	105	0.00
37		1,1-Dichloropropene	0.593	0.580	2.2	107	0.00
38		Cyclohexane	0.541	0.512	5.4	104	0.00
39		Carbon Tetrachloride	0.519	0.509	1.9	106	0.00
40		Benzene	2.086	2.034	2.5	108	0.00
41	S	1,2-Dichloroethane-d4(SURR)	0.502	1.146	-128.3#	245#	0.00
42		1,2-Dichloroethane	0.600	0.588	2.0	105	0.00
43		Tertiary-amyl methyl ether	1.279	1.202	6.0	105	0.00
44		Trichloroethene	0.576	0.567	1.6	108	0.00
45		1,2-Dichloropropane	0.557	0.554	0.5	109	0.00
46		Dibromomethane	0.494	0.470	4.9	107	0.00
47		2-Nitropropane	0.116	0.105	9.5	104	0.00
48		Bromodichloromethane	0.677	0.642	5.2	106	0.00
49		1,4-Dioxane	0.004	0.003	25.0	78	0.00
50		Methyl Methacrylate	0.488	0.485	0.6	116	0.00
51		2-Chloroethyl vinyl ether	0.210	0.186	11.4	98	0.00
52		Methyl Cyclohexane	0.505	0.471	6.7	102	0.00
53		4-Methyl-2-Pentanone	0.203	0.188	7.4	104	0.00
54		cis-1,3-Dichloropropene	0.752	0.704	6.4	107	0.00
55		trans-1,3-Dichloropropene	0.580	0.502	13.4	96	0.00
56		1,1,2-Trichloroethane	0.481	0.477	0.8	110	0.00
57		Toluene	1.205	1.189	1.3	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
59	S	Toluene-d8 (SURR)	1.179	2.756	-133.8#	255#	0.00
60		Ethyl Methacrylate	0.408	0.405	0.7	110	0.00
61		2-Hexanone	0.266	0.260	2.3	110	0.00
62		1,3-Dichloropropane	0.582	0.581	0.2	108	0.00
63		Tetrachloroethene	0.243	0.237	2.5	106	0.00
64		Dibromochloromethane	0.414	0.393	5.1	107	0.00
65		1,2-Dibromoethane	0.446	0.443	0.7	108	0.00
66		1-Chlorohexane	0.313	0.296	5.4	106	0.00
67		Chlorobenzene	0.966	0.954	1.2	106	0.00
68		1,1,1,2-Tetrachloroethane	0.322	0.312	3.1	108	0.00
69		Ethylbenzene	1.212	1.165	3.9	106	0.00
70		Xylene P,M	0.482	0.476	1.2	107	0.00
71		Xylene O	0.501	0.477	4.8	105	0.00
72		Styrene	0.857	0.802	6.4	105	0.00
73		Bromoform	0.238	0.227	4.6	100	0.00
74		cis-1,4-Dichloro-2-butene	0.084	0.000	100.0#	0#	-18.21#
75	S	Bromofluorobenzene (SURR)	0.399	0.899	-125.3#	244#	0.00
76	I	1,4 Dichlorobenzene-D4	1.000	1.000	0.0	99	0.00
77		Trans-1,4-Dichloro-2-Butene	0.213	0.188	11.7	101	0.00
78		1,2,3-Trichloropropane	0.870	0.862	0.9	102	0.00
79		Isopropylbenzene	2.615	2.231	14.7	90	0.00
80		Bromobenzene	0.932	0.960	-3.0	106	0.00
81		1,1,2,2-Tetrachloroethane	1.310	1.282	2.1	106	0.00
82		n-Propylbenzene	2.860	2.771	3.1	104	0.00
83		2-Chlorotoluene	1.889	1.926	-2.0	110	0.00
84		4-Chlorotoluene	1.992	1.934	2.9	102	0.00
85		1,3,5-Trimethylbenzene	2.038	1.990	2.4	105	0.00
86		Pentachloroethane	0.505	0.524	-3.8	108	0.00
87		tert-Butylbenzene	1.670	1.632	2.3	103	0.00
88		1,2,4-Trimethylbenzene	2.187	2.123	2.9	104	0.00
89		sec-Butylbenzene	2.639	2.628	0.4	105	0.00
90		1,3 Dichlorobenzene	1.411	1.418	-0.5	105	0.00
91		4-Isopropyltoluene	2.190	2.044	6.7	98	0.00
92		1,4 Dichlorobenzene	1.546	1.504	2.7	101	0.00
93		n-Butylbenzene	1.917	1.916	0.1	108	0.00
94		1,2 Dichlorobenzene	1.413	1.443	-2.1	106	0.00
95		1,2-Dibromo-3-Chloropropane	0.146	0.143	2.1	108	0.00
96		Hexachloroethane	0.432	0.396	8.3	100	0.00
97		1,3,5-Trichlorobenzene	0.932	0.910	2.4	102	0.00
98		1,2,4-Trichlorobenzene	0.863	0.819	5.1	102	0.00
99		Hexachlorobutadiene	0.398	0.440	-10.6	122	0.00
100		Naphthalene	2.036	1.871	8.1	100	0.00
101		1,2,3-Trichlorobenzene	0.782	0.772	1.3	105	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:32 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1188974	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1706128	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	636835	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	768117	22.98	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.92%			
41) 1,2-Dichloroethane-d4(SURR	10.56	65	544884	22.83	ug/l	0.00
Spiked Amount 25.000			Recovery = 91.32%			
59) Toluene-d8 (SURR)	14.71	98	1880527	23.37	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.48%			
75) Bromofluorobenzene (SURR)	19.24	95	613580	22.53	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	210316	9.29	ug/l	98
3) Chloromethane	3.88	50	277744	8.69	ug/l	97
4) Vinyl Chloride	4.18	62	236656	9.46	ug/l	96
5) Bromomethane	4.80	94	165278	8.77	ug/l	97
6) Chloroethane	5.02	64	134851	9.17	ug/l	94
7) Trichlorofluoromethane	5.93	101	347529	8.71	ug/l	99
8) Diethyl ether	6.35	59	190420	10.26	ug/l	97
9) Acrolein	5.95	56	41999	12.06	ug/l	90
10) Acetone	6.17	43	383208	53.34	ug/l	99
11) Iodomethane	6.81	142	362838	10.32	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	222150	10.25	ug/l	95
13) Methyl Acetate	7.15	43	202680	7.71	ug/l	99
14) Allyl Chloride	7.17	41	390999	9.55	ug/l	96
15) Carbon Disulfide	7.31	76	799961	10.81	ug/l	99
16) 1,1-Dichloroethene	6.76	96	266359	10.71	ug/l	97
17) Methylene Chloride	7.02	84	329294	10.10	ug/l	96
18) Methyl tert-Butyl Ether	8.27	73	554901	9.55	ug/l	98
19) Acrylonitrile	6.93	53	93112	9.91	ug/l	91
20) trans-1,2-Dichloroethene	8.06	96	276137	9.29	ug/l	93
21) 1,1-Dichloroethane	8.45	63	434014	9.87	ug/l	99
22) Vinyl Acetate	8.71	43	570412	11.26	ug/l	100
23) Chloroprene	9.17	53	5394	0.19	ug/l #	1
24) 2-Butanone	9.17	43	1005659	50.51	ug/l	99
25) Di-isopropyl ether	9.19	45	909471	9.46	ug/l	91
26) Methacrylonitrile	9.31	41	177619	9.39	ug/l	96
27) cis-1,2 Dichloroethene	9.34	96	329307	10.00	ug/l	95
28) Methyl Acrylate	9.80	55	229357	9.37	ug/l	97
29) Ethyl tertiary-butyl ether	9.80	59	659840	9.21	ug/l	99
30) 2,2-Dichloropropane	9.78	77	253769	9.89	ug/l	94
31) Bromochloromethane	9.58	128	187404	9.91	ug/l	89
32) Tetrahydrofuran	10.22	42	78369	10.29	ug/l	87
33) Chloroform	9.66	83	434758	9.82	ug/l	98
35) 1-Chlorobutane	10.81	56	396753	9.54	ug/l	96
36) 1,1,1-Trichloroethane	10.83	97	297629	9.69	ug/l	98
37) 1,1-Dichloropropene	11.12	75	276037	9.79	ug/l	99
38) Cyclohexane	11.24	56	243718	9.47	ug/l	92
39) Carbon Tetrachloride	11.39	117	242296	9.82	ug/l	99
40) Benzene	11.45	78	967515	9.75	ug/l	100
42) 1,2-Dichloroethane	10.68	62	279780	9.81	ug/l	98
43) Tertiary-amyl methyl ether	11.73	73	571810	9.40	ug/l	99
44) Trichloroethene	12.46	95	269844	9.85	ug/l	95
45) 1,2-Dichloropropane	12.40	63	263586	9.94	ug/l	98
46) Dibromomethane	12.33	93	223627	9.52	ug/l	88

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:32 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

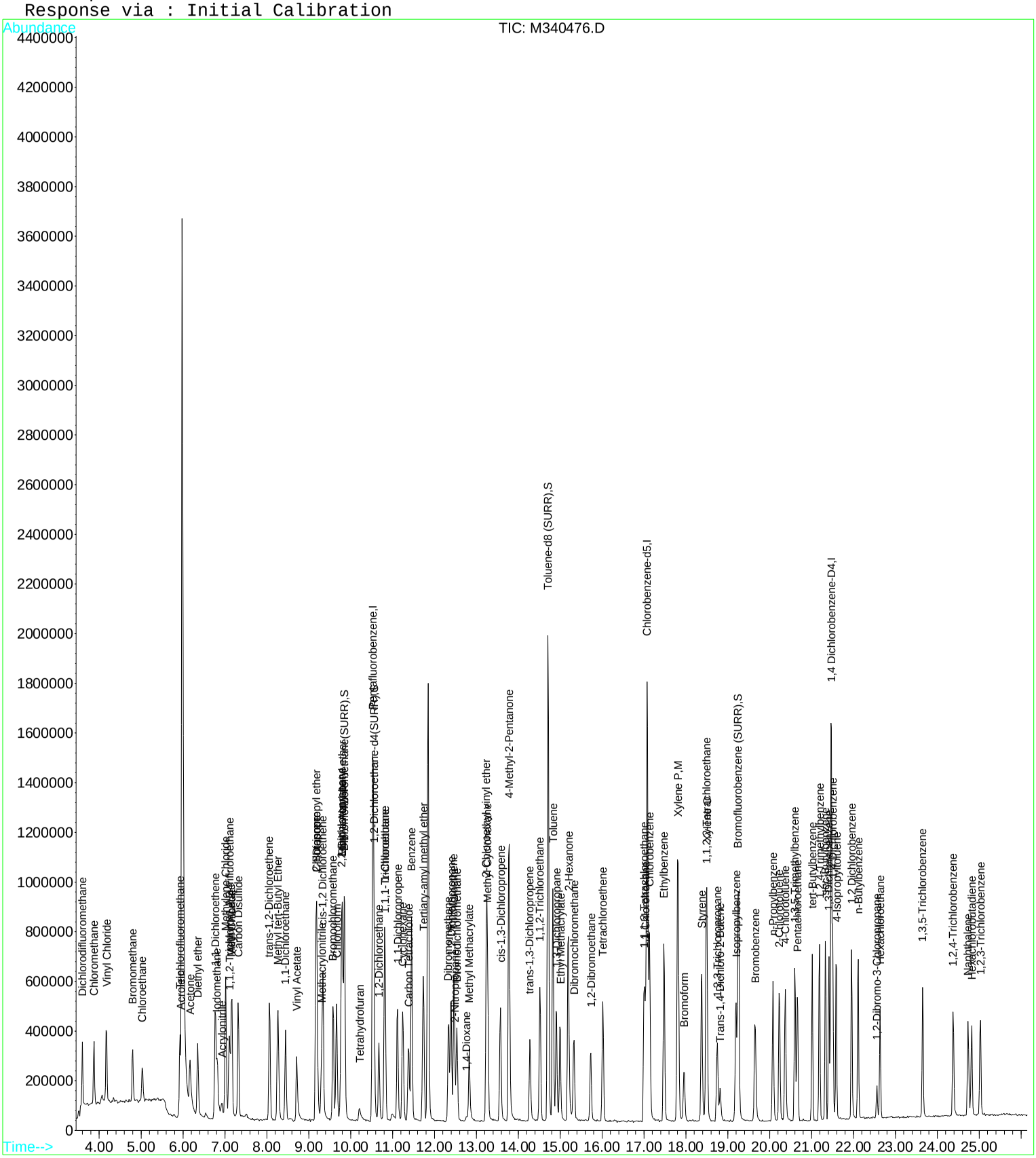
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.49	43	49976	9.06	ug/l	94
48)	Bromodichloromethane	12.54	83	305389	9.48	ug/l	97
49)	1,4-Dioxane	12.76	88	29538m	144.94	ug/l	
50)	Methyl Methacrylate	12.83	41	230883	9.95	ug/l	99
51)	2-Chloroethyl vinyl ether	13.23	63	442513	44.39	ug/l	97
52)	Methyl Cyclohexane	13.26	83	224155	9.34	ug/l	98
53)	4-Methyl-2-Pentanone	13.79	58	445917	46.08	ug/l	97
54)	cis-1,3-Dichloropropene	13.58	75	334643	9.36	ug/l	99
55)	trans-1,3-Dichloropropene	14.28	75	238801	8.66	ug/l	96
56)	1,1,2-Trichloroethane	14.51	83	226636	9.91	ug/l	99
57)	Toluene	14.83	92	565522	9.87	ug/l	100
60)	Ethyl Methacrylate	15.00	69	276257	9.91	ug/l	95
61)	2-Hexanone	15.20	43	886558	48.84	ug/l	99
62)	1,3-Dichloropropane	14.92	76	396551	9.99	ug/l	98
63)	Tetrachloroethene	16.02	164	161590	9.76	ug/l	97
64)	Dibromochloromethane	15.33	129	268089	9.49	ug/l	99
65)	1,2-Dibromoethane	15.73	107	302085	9.92	ug/l	98
66)	1-Chlorohexane	17.04	91	202274	9.46	ug/l	98
67)	Chlorobenzene	17.13	112	651180	9.87	ug/l	95
68)	1,1,1,2-Tetrachloroethane	17.00	131	212954	9.70	ug/l	96
69)	Ethylbenzene	17.47	91	795068	9.61	ug/l	98
70)	Xylene P,M	17.82	106	649162	19.72	ug/l	99
71)	Xylene O	18.50	106	325223	9.51	ug/l	96
72)	Styrene	18.38	104	547003	9.35	ug/l	100
73)	Bromoform	17.96	173	155087	9.54	ug/l	99
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	47908	9.55	ug/l	86
78)	1,2,3-Trichloropropane	18.75	75	219636	9.91	ug/l	91
79)	Isopropylbenzene	19.20	105	568305	8.53	ug/l	99
80)	Bromobenzene	19.66	156	244532	10.30	ug/l	94
81)	1,1,2,2-Tetrachloroethane	18.49	83	326542	9.79	ug/l	98
82)	n-Propylbenzene	20.08	91	705960	9.69	ug/l	96
83)	2-Chlorotoluene	20.23	91	490549	10.19	ug/l	94
84)	4-Chlorotoluene	20.37	91	492771	9.71	ug/l	100
85)	1,3,5-Trimethylbenzene	20.60	105	506814	9.76	ug/l	95
86)	Pentachloroethane	20.66	119	133375	10.36	ug/l	91
87)	tert-Butylbenzene	21.01	119	415609	9.77	ug/l	98
88)	1,2,4-Trimethylbenzene	21.19	105	540785	9.71	ug/l	96
89)	sec-Butylbenzene	21.33	105	669447	9.96	ug/l	94
90)	1,3 Dichlorobenzene	21.42	146	361134	10.05	ug/l	97
91)	4-Isopropyltoluene	21.59	119	520674	9.33	ug/l	97
92)	1,4 Dichlorobenzene	21.50	146	383159	9.73	ug/l	98
93)	n-Butylbenzene	22.11	91	488029	9.99	ug/l	96
94)	1,2 Dichlorobenzene	21.95	146	367535	10.21	ug/l	94
95)	1,2-Dibromo-3-Chloropropan	22.56	75	36475	9.84	ug/l	97
96)	Hexachloroethane	22.64	117	100756	9.15	ug/l	90
97)	1,3,5-Trichlorobenzene	23.65	180	231773	9.76	ug/l	96
98)	1,2,4-Trichlorobenzene	24.38	180	208613	9.48	ug/l	96
99)	Hexachlorobutadiene	24.82	225	111975	11.05	ug/l	97
100)	Naphthalene	24.73	128	476518	9.19	ug/l	100
101)	1,2,3-Trichlorobenzene	25.03	180	196710	9.88	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\M340476.D Vial: 11
Acq On : 12 Jul 2010 5:35 pm Operator: MD
Sample : CTG0064-SCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:32 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:41 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1182579	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1632945	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	599825	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	14794	0.45	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	1.80%#		
41) 1,2-Dichloroethane-d4(SURR	10.55	65	11414	0.48	ug/l	0.00
Spiked Amount 25.000			Recovery =	1.92%		
59) Toluene-d8 (SURR)	14.72	98	34822	0.45	ug/l	0.00
Spiked Amount 25.000			Recovery =	1.80%		
75) Bromofluorobenzene (SURR)	19.25	95	17794	0.68	ug/l	0.00
Spiked Amount 25.000			Recovery =	2.72%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	10968	0.49	ug/l	86
3) Chloromethane	3.87	50	19868	0.63	ug/l	95
4) Vinyl Chloride	4.17	62	12774	0.51	ug/l	85
5) Bromomethane	4.80	94	14611	0.78	ug/l #	67
6) Chloroethane	5.04	64	10475	0.72	ug/l #	60
7) Trichlorofluoromethane	5.93	101	17033	0.43	ug/l	98
8) Diethyl ether	6.36	59	8207	0.44	ug/l	83
9) Acrolein	5.94	56	8251	2.38	ug/l	99
10) Acetone	6.18	43	48950	6.85	ug/l	97
11) Iodomethane	6.80	142	11011	2.26	ug/l	90
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	8591	0.40	ug/l	91
13) Methyl Acetate	7.16	43	15585	0.60	ug/l	99
14) Allyl Chloride	7.16	41	23216	0.57	ug/l	89
15) Carbon Disulfide	7.31	76	32721	0.44	ug/l	97
16) 1,1-Dichloroethene	6.78	96	12563	0.51	ug/l	89
17) Methylene Chloride	7.01	84	18334	0.57	ug/l	90
18) Methyl tert-Butyl Ether	8.26	73	24589	0.43	ug/l	86
19) Acrylonitrile	6.94	53	4292	0.46	ug/l #	69
20) trans-1,2-Dichloroethene	8.07	96	13571	0.46	ug/l	93
21) 1,1-Dichloroethane	8.44	63	18438	0.42	ug/l	88
22) Vinyl Acetate	8.72	43	32078	0.64	ug/l	76
23) Chloroprene	9.02	53	12403	0.43	ug/l	97
24) 2-Butanone	9.20	43	39337	1.99	ug/l	94
25) Di-isopropyl ether	9.18	45	46559	0.49	ug/l	92
26) Methacrylonitrile	9.32	41	13201	0.70	ug/l	82
27) cis-1,2 Dichloroethene	9.35	96	15089	0.46	ug/l	86
28) Methyl Acrylate	9.81	55	10972	0.45	ug/l	60
29) Ethyl tertiary-butyl ether	9.79	59	29475	0.41	ug/l	90
30) 2,2-Dichloropropane	9.78	77	12079	0.47	ug/l	88
31) Bromochloromethane	9.59	128	8947	0.48	ug/l	86
32) Tetrahydrofuran	10.24	42	5253	0.69	ug/l	73
33) Chloroform	9.66	83	20000	0.45	ug/l	85
35) 1-Chlorobutane	10.82	56	20110	0.49	ug/l	94
36) 1,1,1-Trichloroethane	10.82	97	13545	0.44	ug/l	77
37) 1,1-Dichloropropene	11.12	75	12214	0.44	ug/l	87
38) Cyclohexane	11.24	56	12656	0.49	ug/l	80
39) Carbon Tetrachloride	11.39	117	10855	0.44	ug/l	93
40) Benzene	11.46	78	44250	0.45	ug/l	100
42) 1,2-Dichloroethane	10.67	62	12011	0.42	ug/l	88
43) Tertiary-amyl methyl ether	11.73	73	26594	0.44	ug/l	94
44) Trichloroethene	12.46	95	12151	0.45	ug/l	89
45) 1,2-Dichloropropane	12.40	63	11111	0.42	ug/l	82
46) Dibromomethane	12.34	93	8614	0.37	ug/l	92

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:41 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

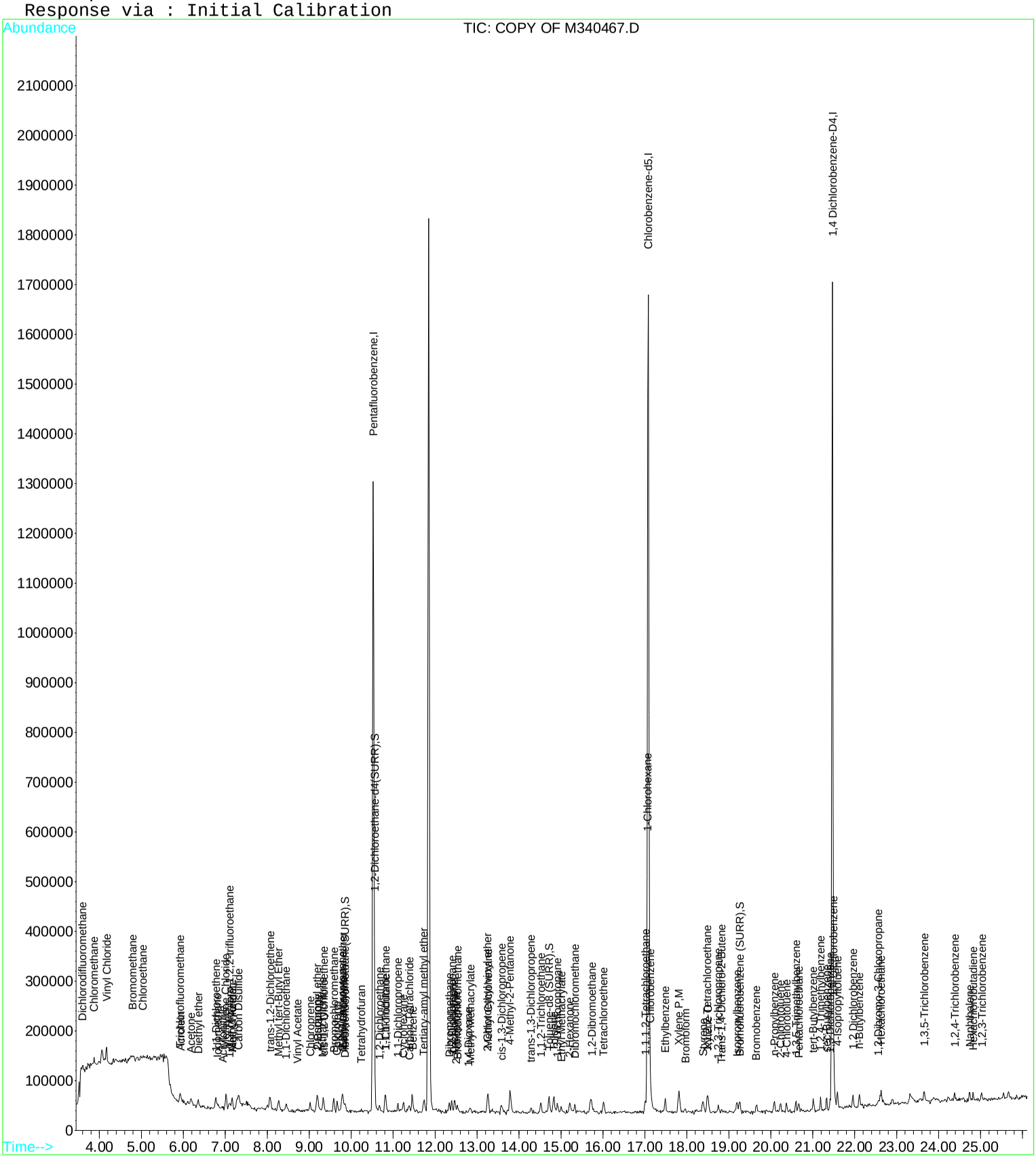
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.50	43	5507	1.00	ug/l		88
48)	Bromodichloromethane	12.53	83	13505	0.42	ug/l		92
49)	1,4-Dioxane	12.78	88	1638	8.08	ug/l	#	1
50)	Methyl Methacrylate	12.84	41	13083	0.57	ug/l		94
51)	2-Chloroethyl vinyl ether	13.25	63	15042	1.52	ug/l		94
52)	Methyl Cyclohexane	13.26	83	9053	0.38	ug/l		86
53)	4-Methyl-2-Pentanone	13.78	58	15465	1.61	ug/l		87
54)	cis-1,3-Dichloropropene	13.59	75	14307	0.40	ug/l		97
55)	trans-1,3-Dichloropropene	14.29	75	10111	0.37	ug/l	#	61
56)	1,1,2-Trichloroethane	14.52	83	8777	0.39	ug/l		96
57)	Toluene	14.84	92	21688	0.38	ug/l		89
60)	Ethyl Methacrylate	15.02	69	10768	0.40	ug/l		85
61)	2-Hexanone	15.21	43	41574	2.39	ug/l		92
62)	1,3-Dichloropropane	14.91	76	16682	0.44	ug/l		91
63)	Tetrachloroethene	16.01	164	7814	0.49	ug/l		84
64)	Dibromochloromethane	15.33	129	11419	0.42	ug/l		92
65)	1,2-Dibromoethane	15.73	107	12754	0.44	ug/l		97
66)	1-Chlorohexane	17.05	91	12095	0.59	ug/l	#	50
67)	Chlorobenzene	17.13	112	27942	0.44	ug/l		98
68)	1,1,1,2-Tetrachloroethane	17.01	131	8375	0.40	ug/l		88
69)	Ethylbenzene	17.48	91	32873	0.42	ug/l		100
70)	Xylene P,M	17.81	106	24089	0.76	ug/l		98
71)	Xylene O	18.50	106	12475	0.38	ug/l		92
72)	Styrene	18.39	104	20236	0.36	ug/l		96
73)	Bromoform	17.96	173	6183	0.40	ug/l		83
77)	Trans-1,4-Dichloro-2-Buten	18.82	53	821	2.22	ug/l	#	1
78)	1,2,3-Trichloropropane	18.75	75	8693	0.42	ug/l		96
79)	Isopropylbenzene	19.20	105	26993	0.43	ug/l		96
80)	Bromobenzene	19.66	156	9067	0.41	ug/l		89
81)	1,1,2,2-Tetrachloroethane	18.48	83	13535	0.43	ug/l		83
82)	n-Propylbenzene	20.09	91	28268	0.41	ug/l		88
83)	2-Chlorotoluene	20.24	91	18605	0.41	ug/l		94
84)	4-Chlorotoluene	20.37	91	18788	0.39	ug/l		89
85)	1,3,5-Trimethylbenzene	20.61	105	21355	0.44	ug/l		98
86)	Pentachloroethane	20.67	119	6364	0.52	ug/l	#	82
87)	tert-Butylbenzene	21.01	119	16777	0.42	ug/l		95
88)	1,2,4-Trimethylbenzene	21.19	105	21192	0.40	ug/l		95
89)	sec-Butylbenzene	21.34	105	25345	0.40	ug/l		97
90)	1,3 Dichlorobenzene	21.41	146	15074	0.45	ug/l		93
91)	4-Isopropyltoluene	21.59	119	21926	0.42	ug/l		95
92)	1,4 Dichlorobenzene	21.50	146	17996	0.49	ug/l		97
93)	n-Butylbenzene	22.11	91	19376	0.42	ug/l		96
94)	1,2 Dichlorobenzene	21.96	146	14600	0.43	ug/l		93
95)	1,2-Dibromo-3-Chloropropan	22.56	75	1244	0.36	ug/l	#	43
96)	Hexachloroethane	22.63	117	4684	0.45	ug/l		91
97)	1,3,5-Trichlorobenzene	23.66	180	9382	0.42	ug/l		99
98)	1,2,4-Trichlorobenzene	24.39	180	8486	0.41	ug/l		93
99)	Hexachlorobutadiene	24.83	225	4695	0.49	ug/l		91
100)	Naphthalene	24.74	128	20373	0.42	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	7957	0.42	ug/l		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340467.D Vial: 2
Acq On : 12 Jul 2010 11:00 am Operator: MD
Sample : CTG0064-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:41 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:41 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.53	168	1173898	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1678488	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.48	152	623765	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	32663	0.99	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	3.96%#		
41) 1,2-Dichloroethane-d4(SURR	10.56	65	25074	1.06	ug/l	0.00
Spiked Amount 25.000			Recovery =	4.24%		
59) Toluene-d8 (SURR)	14.71	98	75391	0.95	ug/l	0.00
Spiked Amount 25.000			Recovery =	3.80%		
75) Bromofluorobenzene (SURR)	19.26	95	27017	1.01	ug/l	0.00
Spiked Amount 25.000			Recovery =	4.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.60	85	25197	1.13	ug/l	89
3) Chloromethane	3.88	50	40342	1.28	ug/l	94
4) Vinyl Chloride	4.18	62	28137	1.14	ug/l	98
5) Bromomethane	4.80	94	22148	1.19	ug/l	89
6) Chloroethane	5.02	64	17444	1.20	ug/l	71
7) Trichlorofluoromethane	5.93	101	41943	1.06	ug/l	85
8) Diethyl ether	6.35	59	16698	0.91	ug/l	93
9) Acrolein	5.95	56	11015	3.20	ug/l	97
10) Acetone	6.17	43	46915	6.61	ug/l	93
11) Iodomethane	6.81	142	23825	2.56	ug/l	97
12) 1,1,2-Trichloro-1,2,2-trif	7.11	101	22677	1.06	ug/l	94
13) Methyl Acetate	7.15	43	45829	1.77	ug/l	93
14) Allyl Chloride	7.17	41	46497	1.15	ug/l	98
15) Carbon Disulfide	7.32	76	72818	1.00	ug/l	97
16) 1,1-Dichloroethene	6.76	96	26917	1.10	ug/l	95
17) Methylene Chloride	7.02	84	36901	1.15	ug/l	86
18) Methyl tert-Butyl Ether	8.27	73	55664	0.97	ug/l	90
19) Acrylonitrile	6.94	53	9785	1.05	ug/l	88
20) trans-1,2-Dichloroethene	8.06	96	32021	1.09	ug/l	95
21) 1,1-Dichloroethane	8.45	63	45358	1.04	ug/l	95
22) Vinyl Acetate	8.73	43	54676	1.09	ug/l	96
23) Chloroprene	9.03	53	27671	0.98	ug/l	98
24) 2-Butanone	9.19	43	94208	4.79	ug/l	94
25) Di-isopropyl ether	9.19	45	94521	1.00	ug/l	75
26) Methacrylonitrile	9.31	41	23338	1.25	ug/l	94
27) cis-1,2 Dichloroethene	9.34	96	35362	1.09	ug/l	96
28) Methyl Acrylate	9.81	55	24971	1.03	ug/l	84
29) Ethyl tertiary-butyl ether	9.80	59	69107	0.98	ug/l	96
30) 2,2-Dichloropropane	9.77	77	26813	1.06	ug/l	95
31) Bromochloromethane	9.58	128	19240	1.03	ug/l	84
32) Tetrahydrofuran	10.22	42	9991	1.33	ug/l #	40
33) Chloroform	9.67	83	45096	1.03	ug/l	91
35) 1-Chlorobutane	10.81	56	42583	1.04	ug/l	86
36) 1,1,1-Trichloroethane	10.81	97	31963	1.05	ug/l	99
37) 1,1-Dichloropropene	11.11	75	27501	0.99	ug/l	92
38) Cyclohexane	11.24	56	26230	1.03	ug/l	88
39) Carbon Tetrachloride	11.39	117	23379	0.96	ug/l	97
40) Benzene	11.45	78	99329	1.01	ug/l	100
42) 1,2-Dichloroethane	10.68	62	27153	0.96	ug/l	86
43) Tertiary-amyl methyl ether	11.73	73	60011	1.00	ug/l	94
44) Trichloroethene	12.46	95	28292	1.05	ug/l	90
45) 1,2-Dichloropropane	12.40	63	25328	0.97	ug/l	95
46) Dibromomethane	12.33	93	24358	1.05	ug/l	90

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:41 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

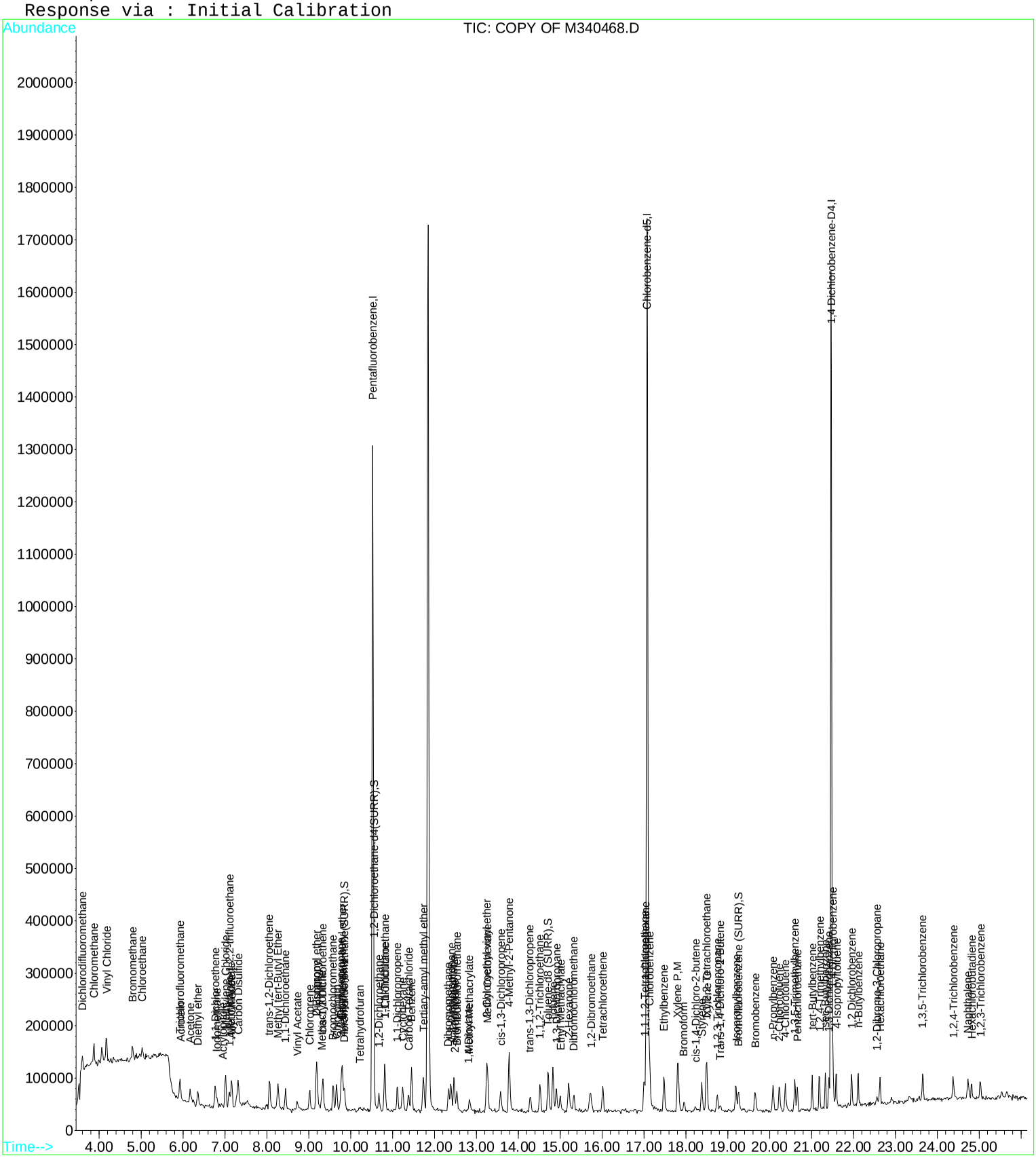
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.49	43	6657	1.22	ug/l		74
48)	Bromodichloromethane	12.54	83	31104	0.98	ug/l		90
49)	1,4-Dioxane	12.80	88	4210	20.92	ug/l	#	58
50)	Methyl Methacrylate	12.83	41	24805	1.08	ug/l		86
51)	2-Chloroethyl vinyl ether	13.25	63	41262	4.19	ug/l		95
52)	Methyl Cyclohexane	13.26	83	23242	0.98	ug/l		96
53)	4-Methyl-2-Pentanone	13.79	58	45669	4.78	ug/l		98
54)	cis-1,3-Dichloropropene	13.58	75	33184	0.94	ug/l		89
55)	trans-1,3-Dichloropropene	14.28	75	21875	0.80	ug/l		81
56)	1,1,2-Trichloroethane	14.51	83	22980	1.02	ug/l		94
57)	Toluene	14.83	92	53108	0.94	ug/l		92
60)	Ethyl Methacrylate	15.01	69	24341	0.89	ug/l		95
61)	2-Hexanone	15.20	43	84392	4.73	ug/l		96
62)	1,3-Dichloropropane	14.92	76	38255	0.98	ug/l		100
63)	Tetrachloroethene	16.02	164	17418	1.07	ug/l		94
64)	Dibromochloromethane	15.32	129	25217	0.91	ug/l		97
65)	1,2-Dibromoethane	15.73	107	28535	0.95	ug/l		95
66)	1-Chlorohexane	17.04	91	21650	1.03	ug/l		91
67)	Chlorobenzene	17.13	112	65106	1.00	ug/l		97
68)	1,1,1,2-Tetrachloroethane	17.01	131	21508	1.00	ug/l		89
69)	Ethylbenzene	17.47	91	79709	0.98	ug/l		98
70)	Xylene P,M	17.80	106	57094	1.76	ug/l		94
71)	Xylene O	18.50	106	32024	0.95	ug/l	#	79
72)	Styrene	18.38	104	49863	0.87	ug/l		97
73)	Bromoform	17.95	173	13416	0.84	ug/l		87
74)	cis-1,4-Dichloro-2-butene	18.23	75	4627	2.65	ug/l		84
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	5099	2.89	ug/l	#	53
78)	1,2,3-Trichloropropane	18.75	75	22367	1.03	ug/l		88
79)	Isopropylbenzene	19.20	105	62226	0.95	ug/l		94
80)	Bromobenzene	19.66	156	21419	0.92	ug/l		95
81)	1,1,2,2-Tetrachloroethane	18.49	83	35824	1.10	ug/l		86
82)	n-Propylbenzene	20.08	91	69769	0.98	ug/l		97
83)	2-Chlorotoluene	20.23	91	47326	1.00	ug/l		87
84)	4-Chlorotoluene	20.37	91	48362	0.97	ug/l		97
85)	1,3,5-Trimethylbenzene	20.60	105	47126	0.93	ug/l		94
86)	Pentachloroethane	20.66	119	13027	1.03	ug/l		81
87)	tert-Butylbenzene	21.01	119	39658	0.95	ug/l		97
88)	1,2,4-Trimethylbenzene	21.19	105	51872	0.95	ug/l		96
89)	sec-Butylbenzene	21.33	105	61614	0.94	ug/l		97
90)	1,3 Dichlorobenzene	21.42	146	35732	1.02	ug/l		97
91)	4-Isopropyltoluene	21.59	119	51053	0.93	ug/l		94
92)	1,4 Dichlorobenzene	21.50	146	40211	1.04	ug/l		95
93)	n-Butylbenzene	22.11	91	44720	0.93	ug/l		95
94)	1,2 Dichlorobenzene	21.95	146	34476	0.98	ug/l		95
95)	1,2-Dibromo-3-Chloropropan	22.56	75	4268	1.18	ug/l	#	73
96)	Hexachloroethane	22.64	117	10613	0.98	ug/l		87
97)	1,3,5-Trichlorobenzene	23.65	180	23407	1.01	ug/l		91
98)	1,2,4-Trichlorobenzene	24.39	180	21705	1.01	ug/l		95
99)	Hexachlorobutadiene	24.82	225	10388	1.05	ug/l		91
100)	Naphthalene	24.73	128	50693	1.00	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	19299	0.99	ug/l		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340468.D Vial: 3
Acq On : 12 Jul 2010 11:32 am Operator: MD
Sample : CTG0064-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:41 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340469.D Vial: 4
Acq On : 12 Jul 2010 12:04 pm Operator: MD
Sample : CTG0064-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:42 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1151937	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1740347	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	627192	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.86	111	161559	4.99	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 19.96%#			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	116984	5.06	ug/l	0.00
Spiked Amount 25.000			Recovery = 20.24%			
59) Toluene-d8 (SURR)	14.72	98	378624	4.61	ug/l	0.00
Spiked Amount 25.000			Recovery = 18.44%			
75) Bromofluorobenzene (SURR)	19.26	95	125966	4.53	ug/l	0.00
Spiked Amount 25.000			Recovery = 18.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	108201	4.93	ug/l	99
3) Chloromethane	3.88	50	160817	5.20	ug/l	98
4) Vinyl Chloride	4.17	62	119751	4.94	ug/l	100
5) Bromomethane	4.80	94	82629	4.52	ug/l	98
6) Chloroethane	5.04	64	72939	5.12	ug/l	93
7) Trichlorofluoromethane	5.93	101	194337	5.03	ug/l	100
8) Diethyl ether	6.35	59	87285	4.85	ug/l	98
9) Acrolein	5.94	56	19930	5.91	ug/l	80
10) Acetone	6.17	43	177966	25.57	ug/l	95
11) Iodomethane	6.82	142	153741	5.64	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	101143	4.82	ug/l	83
13) Methyl Acetate	7.16	43	123621	4.85	ug/l	99
14) Allyl Chloride	7.16	41	180519	4.55	ug/l	97
15) Carbon Disulfide	7.31	76	338738	4.73	ug/l	99
16) 1,1-Dichloroethene	6.78	96	115190	4.78	ug/l	94
17) Methylene Chloride	7.01	84	160749	5.09	ug/l	94
18) Methyl tert-Butyl Ether	8.26	73	272972	4.85	ug/l	98
19) Acrylonitrile	6.93	53	44305	4.87	ug/l	92
20) trans-1,2-Dichloroethene	8.07	96	141707	4.92	ug/l	97
21) 1,1-Dichloroethane	8.44	63	214902	5.04	ug/l	98
22) Vinyl Acetate	8.71	43	230213	4.69	ug/l	93
23) Chloroprene	9.02	53	131070	4.71	ug/l	95
24) 2-Butanone	9.17	43	459002	23.80	ug/l	98
25) Di-isopropyl ether	9.19	45	453531	4.87	ug/l	87
26) Methacrylonitrile	9.31	41	95791	5.23	ug/l	88
27) cis-1,2 Dichloroethene	9.34	96	157831	4.95	ug/l	95
28) Methyl Acrylate	9.80	55	111278	4.69	ug/l	94
29) Ethyl tertiary-butyl ether	9.80	59	334062	4.81	ug/l	98
30) 2,2-Dichloropropane	9.78	77	126866	5.10	ug/l	94
31) Bromochloromethane	9.59	128	91229	4.98	ug/l	97
32) Tetrahydrofuran	10.21	42	42768	5.80	ug/l	90
33) Chloroform	9.66	83	214485	5.00	ug/l	97
35) 1-Chlorobutane	10.81	56	194395	4.83	ug/l	98
36) 1,1,1-Trichloroethane	10.82	97	146067	4.91	ug/l	98
37) 1,1-Dichloropropene	11.12	75	134392	4.92	ug/l	99
38) Cyclohexane	11.24	56	118750	4.76	ug/l	96
39) Carbon Tetrachloride	11.39	117	116576	4.88	ug/l	99
40) Benzene	11.45	78	473628	4.93	ug/l	100
42) 1,2-Dichloroethane	10.67	62	144268	5.22	ug/l	98
43) Tertiary-amyl methyl ether	11.73	73	276615	4.69	ug/l	98
44) Trichloroethene	12.46	95	129956	4.89	ug/l	95
45) 1,2-Dichloropropane	12.40	63	132605	5.16	ug/l	97
46) Dibromomethane	12.34	93	114586	5.04	ug/l	98

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340469.D Vial: 4
Acq On : 12 Jul 2010 12:04 pm Operator: MD
Sample : CTG0064-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:42 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration
DataAcq Meth : AQ063010

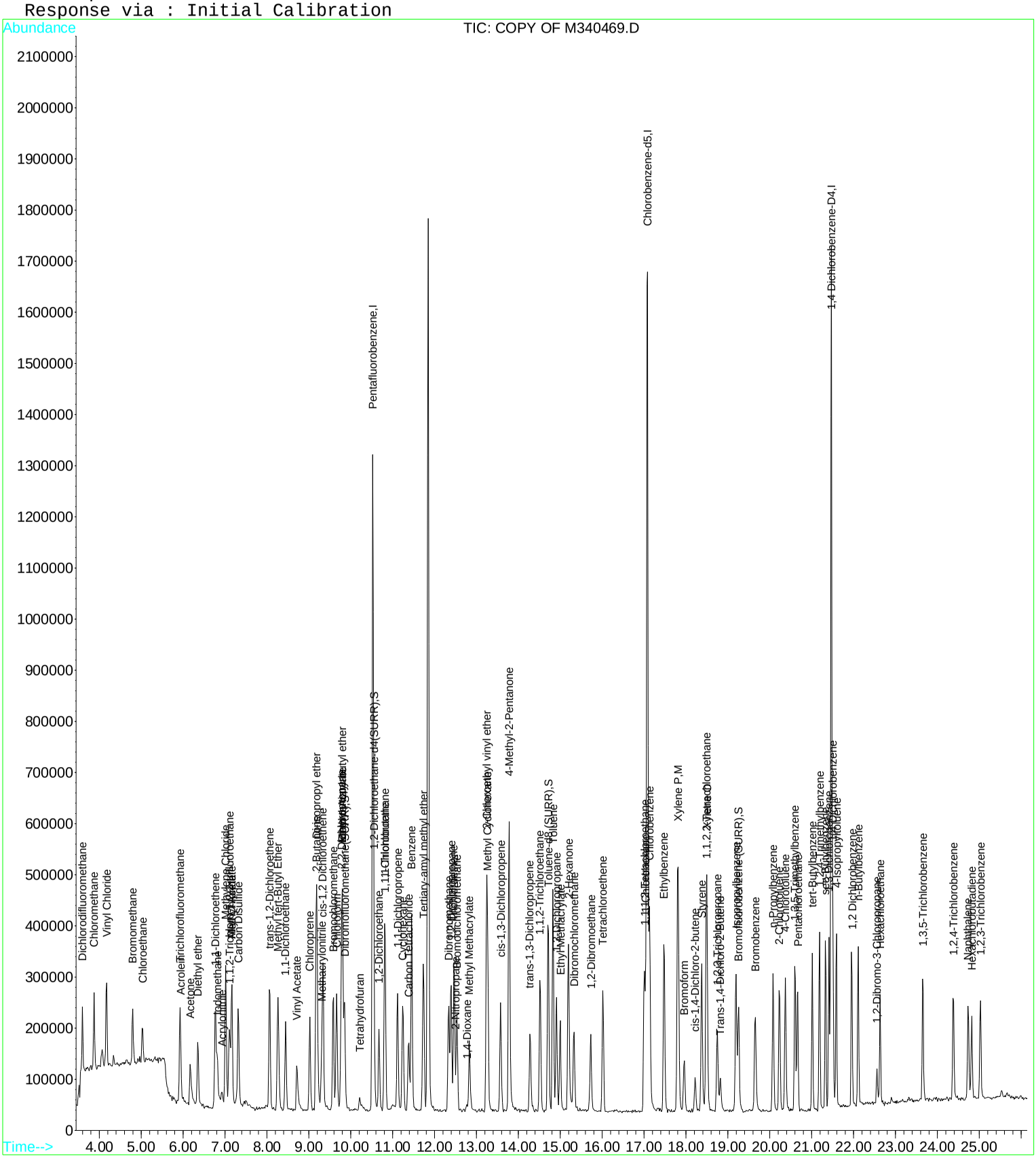
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.50	43	27320	5.11	ug/l		94
48)	Bromodichloromethane	12.53	83	146829	4.71	ug/l		96
49)	1,4-Dioxane	12.77	88	17802	90.16	ug/l	#	53
50)	Methyl Methacrylate	12.83	41	109759	4.88	ug/l		94
51)	2-Chloroethyl vinyl ether	13.25	63	220891	22.87	ug/l		97
52)	Methyl Cyclohexane	13.26	83	110949	4.77	ug/l		93
53)	4-Methyl-2-Pentanone	13.78	58	217942	23.25	ug/l		95
54)	cis-1,3-Dichloropropene	13.57	75	159393	4.60	ug/l		96
55)	trans-1,3-Dichloropropene	14.27	75	122331	4.58	ug/l		98
56)	1,1,2-Trichloroethane	14.51	83	110605	4.99	ug/l		97
57)	Toluene	14.82	92	270677	4.88	ug/l		97
60)	Ethyl Methacrylate	15.00	69	128022	4.50	ug/l		95
61)	2-Hexanone	15.20	43	393776	21.27	ug/l		97
62)	1,3-Dichloropropane	14.91	76	192151	4.75	ug/l		98
63)	Tetrachloroethene	16.01	164	76647	4.54	ug/l		96
64)	Dibromochloromethane	15.33	129	127819	4.43	ug/l		100
65)	1,2-Dibromoethane	15.73	107	143700	4.63	ug/l		95
66)	1-Chlorohexane	17.04	91	96467	4.42	ug/l		96
67)	Chlorobenzene	17.13	112	315432	4.69	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.01	131	106280	4.75	ug/l		96
69)	Ethylbenzene	17.47	91	380585	4.51	ug/l		97
70)	Xylene P,M	17.81	106	306011	9.11	ug/l		98
71)	Xylene O	18.50	106	158891	4.55	ug/l		95
72)	Styrene	18.38	104	258859	4.34	ug/l		97
73)	Bromoform	17.96	173	76206	4.60	ug/l		94
74)	cis-1,4-Dichloro-2-butene	18.21	75	23021	4.98	ug/l		87
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	24745	6.00	ug/l		86
78)	1,2,3-Trichloropropane	18.75	75	109738	5.03	ug/l		97
79)	Isopropylbenzene	19.20	105	309865	4.72	ug/l		99
80)	Bromobenzene	19.66	156	114042	4.88	ug/l		96
81)	1,1,2,2-Tetrachloroethane	18.48	83	162962	4.96	ug/l		100
82)	n-Propylbenzene	20.07	91	333976	4.65	ug/l		97
83)	2-Chlorotoluene	20.22	91	236341	4.99	ug/l		91
84)	4-Chlorotoluene	20.37	91	246082	4.93	ug/l		99
85)	1,3,5-Trimethylbenzene	20.59	105	243223	4.76	ug/l		94
86)	Pentachloroethane	20.67	119	63700	5.02	ug/l		99
87)	tert-Butylbenzene	21.01	119	195057	4.66	ug/l		97
88)	1,2,4-Trimethylbenzene	21.19	105	255898	4.66	ug/l		97
89)	sec-Butylbenzene	21.32	105	315001	4.76	ug/l		95
90)	1,3 Dichlorobenzene	21.41	146	174980	4.94	ug/l		99
91)	4-Isopropyltoluene	21.59	119	259849	4.73	ug/l		98
92)	1,4 Dichlorobenzene	21.50	146	196194	5.06	ug/l		98
93)	n-Butylbenzene	22.11	91	223623	4.65	ug/l		98
94)	1,2 Dichlorobenzene	21.96	146	174576	4.92	ug/l		98
95)	1,2-Dibromo-3-Chloropropan	22.56	75	18415	5.04	ug/l		93
96)	Hexachloroethane	22.63	117	49478	4.56	ug/l		94
97)	1,3,5-Trichlorobenzene	23.66	180	115394	4.94	ug/l		99
98)	1,2,4-Trichlorobenzene	24.39	180	105408	4.87	ug/l		95
99)	Hexachlorobutadiene	24.82	225	47956	4.80	ug/l		95
100)	Naphthalene	24.73	128	236816	4.64	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	93940	4.79	ug/l		91

(#) = qualifier out of range (m) = manual integration

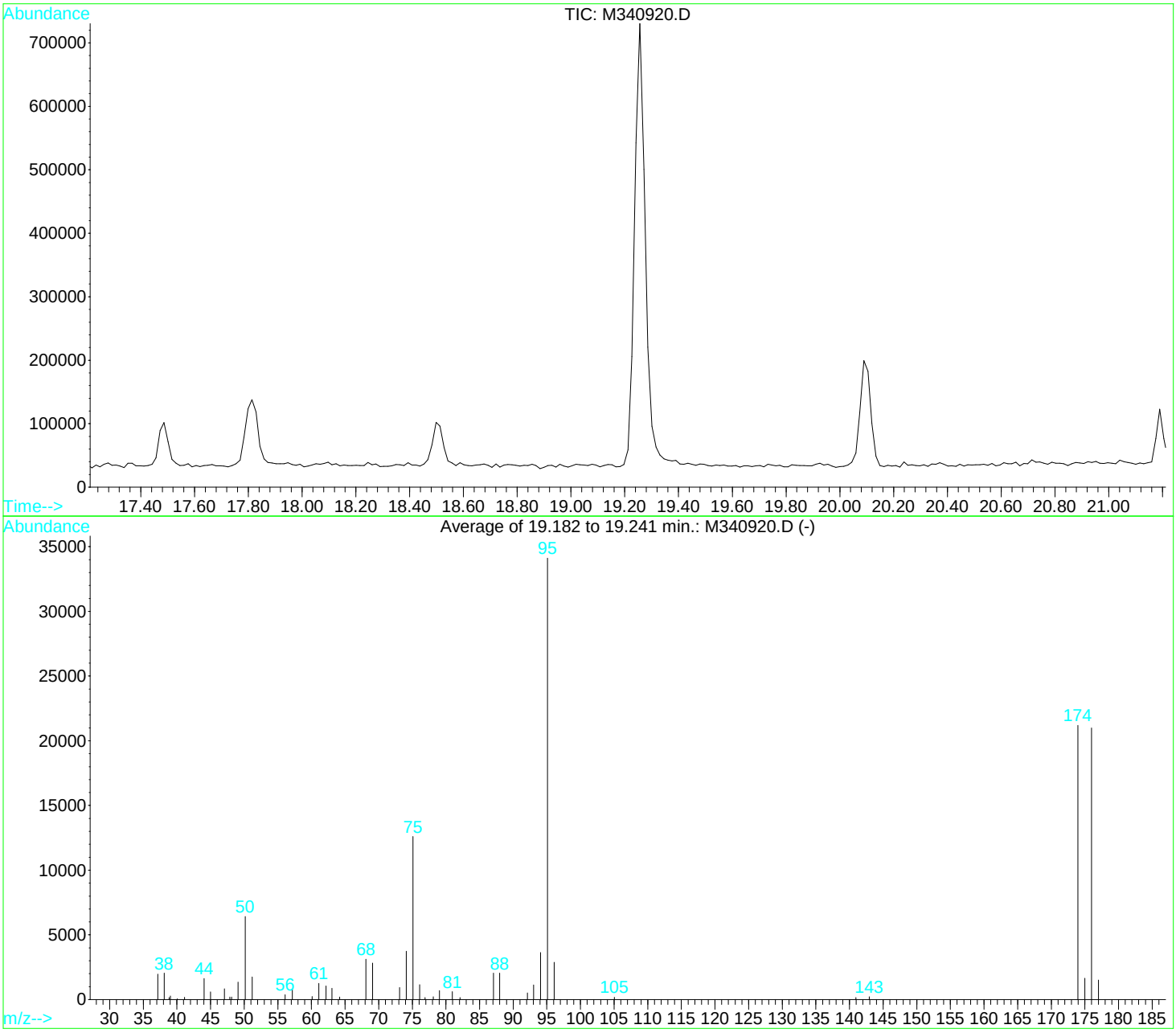
Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0710\MG071210\COPY OF M340469.D Vial: 4
Acq On : 12 Jul 2010 12:04 pm Operator: MD
Sample : CTG0064-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 8:42 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Jul 12 15:44:00 2010
Response via : Initial Calibration



Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340920.D Vial: 1
Acq On : 12 Aug 2010 8:16 am Operator: MD
Sample : CTH0087-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010



Spectrum Information: Average of 19.182 to 19.241 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	6429	PASS
75	95	30	60	36.9	12599	PASS
95	95	100	100	100.0	34114	PASS
96	95	5	9	8.4	2882	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	62.1	21192	PASS
175	174	5	9	7.8	1651	PASS
176	174	95	101	99.1	21000	PASS
177	176	5	9	7.2	1518	PASS

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340921.D Vial: 2
Acq On : 12 Aug 2010 8:48 am Operator: MD
Sample : CTH0087-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2		Dichlorodifluoromethane	0.476	0.425	10.7	91	0.00
3		Chloromethane	0.672	0.537	20.1	84	0.00
4		Vinyl Chloride	0.526	0.479	8.9	92	0.00
5		Bromomethane	0.396	0.252	36.4#	64	0.00
6		Chloroethane	0.309	0.272	12.0	90	0.00
7		Trichlorofluoromethane	0.839	0.716	14.7	85	0.00
8		Diethyl ether	0.390	0.400	-2.6	100	0.00
9		Acrolein	0.073	0.085	-16.4	115	0.00
10		Acetone	0.151	0.129	14.6	89	0.00
11		Iodomethane	0.737	0.379	48.6#	47#	0.00
12		1,1,2-Trichloro-1,2,2-trifl	0.456	0.440	3.5	95	0.00
13		Methyl Acetate	0.553	0.487	11.9	92	0.00
14		Allyl Chloride	0.861	0.879	-2.1	104	0.00
15		Carbon Disulfide	1.556	1.674	-7.6	105	-0.01
16		1,1-Dichloroethene	0.523	0.514	1.7	99	0.00
17		Methylene Chloride	0.686	0.655	4.5	97	0.00
18		Methyl tert-Butyl Ether	1.221	1.113	8.8	89	0.00
19		Acrylonitrile	0.198	0.203	-2.5	102	0.02
20		trans-1,2-Dichloroethene	0.625	0.603	3.5	95	0.00
21		1,1-Dichloroethane	0.925	0.901	2.6	98	0.00
22		Vinyl Acetate	1.065	1.023	3.9	97	0.00
23		Chloroprene	0.604	0.603	0.2	96	0.00
24		2-Butanone	0.419	0.405	3.3	95	0.00
25		Di-isopropyl ether	2.022	1.973	2.4	96	0.00
26		Methacrylonitrile	0.398	0.365	8.3	98	0.00
27		cis-1,2 Dichloroethene	0.692	0.670	3.2	98	0.00
28		Methyl Acrylate	0.515	0.508	1.4	98	0.00
29		Ethyl tertiary-butyl ether	1.506	1.407	6.6	90	0.00
30		2,2-Dichloropropane	0.540	0.523	3.1	97	0.00
31		Bromochloromethane	0.398	0.385	3.3	95	0.00
32		Tetrahydrofuran	0.160	0.145	9.4	90	0.00
33		Chloroform	0.931	0.887	4.7	94	0.00
34	S	Dibromofluoromethane(SURR)	0.703	0.701	0.3	96	0.00
35		1-Chlorobutane	0.874	0.823	5.8	93	0.00
36		1,1,1-Trichloroethane	0.646	0.607	6.0	93	0.00
37		1,1-Dichloropropene	0.593	0.583	1.7	96	0.00
38		Cyclohexane	0.541	0.515	4.8	94	-0.01
39		Carbon Tetrachloride	0.519	0.526	-1.3	98	0.00
40		Benzene	2.086	2.041	2.2	97	-0.01
41	S	1,2-Dichloroethane-d4(SURR)	0.502	0.471	6.2	94	0.00
42		1,2-Dichloroethane	0.600	0.556	7.3	91	0.00
43		Tertiary-amyl methyl ether	1.279	1.143	10.6	87	0.00
44		Trichloroethene	0.576	0.552	4.2	94	0.00
45		1,2-Dichloropropane	0.557	0.555	0.4	99	0.00
46		Dibromomethane	0.494	0.469	5.1	93	-0.01
47		2-Nitropropane	0.116	0.118	-1.7	117	0.00
48		Bromodichloromethane	0.677	0.663	2.1	97	0.00
49		1,4-Dioxane	0.004	0.004	0.0	86	0.00
50		Methyl Methacrylate	0.488	0.460	5.7	95	0.00
51		2-Chloroethyl vinyl ether	0.210	0.138	34.3#	59	0.00
52		Methyl Cyclohexane	0.505	0.453	10.3	87	0.00
53		4-Methyl-2-Pentanone	0.203	0.198	2.5	93	0.00
54		cis-1,3-Dichloropropene	0.752	0.741	1.5	95	0.00
55		trans-1,3-Dichloropropene	0.580	0.604	-4.1	98	0.00
56		1,1,2-Trichloroethane	0.481	0.456	5.2	93	0.00
57		Toluene	1.205	1.193	1.0	96	0.00

(#) = Out of Range

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340921.D Vial: 2
Acq On : 12 Aug 2010 8:48 am Operator: MD
Sample : CTH0087-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
59	S	Toluene-d8 (SURR)	1.179	1.230	-4.3	98	0.00
60		Ethyl Methacrylate	0.408	0.423	-3.7	96	0.00
61		2-Hexanone	0.266	0.264	0.8	91	0.00
62		1,3-Dichloropropane	0.582	0.592	-1.7	95	0.00
63		Tetrachloroethene	0.243	0.241	0.8	96	0.00
64		Dibromochloromethane	0.414	0.449	-8.5	101	0.00
65		1,2-Dibromoethane	0.446	0.443	0.7	93	0.00
66		1-Chlorohexane	0.313	0.300	4.2	91	0.00
67		Chlorobenzene	0.966	0.969	-0.3	96	0.00
68		1,1,1,2-Tetrachloroethane	0.322	0.334	-3.7	99	0.00
69		Ethylbenzene	1.212	1.222	-0.8	95	-0.01
70		Xylene P,M	0.482	0.506	-5.0	97	0.00
71		Xylene O	0.501	0.512	-2.2	94	0.00
72		Styrene	0.857	0.878	-2.5	94	0.00
73		Bromoform	0.250	0.295	-18.0	109	0.00
74		cis-1,4-Dichloro-2-butene	0.084	0.094	-11.9	95	0.00
75	S	Bromofluorobenzene (SURR)	0.399	0.398	0.3	95	0.00
76	I	1,4 Dichlorobenzene-D4	1.000	1.000	0.0	93	0.00
77		Trans-1,4-Dichloro-2-Butene	0.213	0.198	7.0	86	-0.01
78		1,2,3-Trichloropropane	0.870	0.854	1.8	93	0.00
79		Isopropylbenzene	2.615	2.644	-1.1	93	0.00
80		Bromobenzene	0.932	0.979	-5.0	96	0.00
81		1,1,2,2-Tetrachloroethane	1.310	1.280	2.3	93	0.00
82		n-Propylbenzene	2.860	2.837	0.8	93	0.00
83		2-Chlorotoluene	1.889	1.867	1.2	94	0.00
84		4-Chlorotoluene	1.992	1.963	1.5	92	0.00
85		1,3,5-Trimethylbenzene	2.038	2.029	0.4	92	0.00
86		Pentachloroethane	0.505	0.571	-13.1	101	0.00
87		tert-Butylbenzene	1.670	1.668	0.1	94	0.00
88		1,2,4-Trimethylbenzene	2.187	2.197	-0.5	92	0.00
89		sec-Butylbenzene	2.639	2.558	3.1	89	0.00
90		1,3 Dichlorobenzene	1.411	1.376	2.5	91	0.00
91		4-Isopropyltoluene	2.190	2.112	3.6	90	0.00
92		1,4 Dichlorobenzene	1.546	1.524	1.4	93	0.00
93		n-Butylbenzene	1.917	1.858	3.1	89	0.00
94		1,2 Dichlorobenzene	1.413	1.434	-1.5	94	0.00
95		1,2-Dibromo-3-Chloropropane	0.146	0.133	8.9	91	0.00
96		Hexachloroethane	0.432	0.435	-0.7	95	0.00
97		1,3,5-Trichlorobenzene	0.932	0.836	10.3	84	0.00
98		1,2,4-Trichlorobenzene	0.863	0.807	6.5	89	0.00
99		Hexachlorobutadiene	0.398	0.333	16.3	84	0.00
100		Naphthalene	2.036	1.810	11.1	83	0.00
101		1,2,3-Trichlorobenzene	0.782	0.731	6.5	87	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340921.D Vial: 2
Acq On : 12 Aug 2010 8:48 am Operator: MD
Sample : CTH0087-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:55 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1145796	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.08	117	1614437	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.47	152	623634	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.85	111	802653	24.92	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%			
41) 1,2-Dichloroethane-d4(SURR	10.55	65	539283	23.45	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.80%			
59) Toluene-d8 (SURR)	14.72	98	1986408	26.09	ug/l	0.00
Spiked Amount 25.000			Recovery = 104.36%			
75) Bromofluorobenzene (SURR)	19.25	95	641874	24.91	ug/l	0.00
Spiked Amount 25.000			Recovery = 99.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	486982	22.32	ug/l	98
3) Chloromethane	3.87	50	615328	19.99	ug/l	99
4) Vinyl Chloride	4.17	62	549275	22.79	ug/l	99
5) Bromomethane	4.80	94	288467m	15.88	ug/l	
6) Chloroethane	5.03	64	311932	22.01	ug/l	99
7) Trichlorofluoromethane	5.93	101	820341	21.34	ug/l	97
8) Diethyl ether	6.34	59	457870	25.59	ug/l	99
9) Acrolein	5.96	56	97346	29.00	ug/l	86
10) Acetone	6.17	43	739318	106.78	ug/l	97
11) Iodomethane	6.82	142	434631	12.35	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	504259	24.14	ug/l	99
13) Methyl Acetate	7.15	43	558173	22.03	ug/l	99
14) Allyl Chloride	7.16	41	1007020	25.52	ug/l	100
15) Carbon Disulfide	7.31	76	1918386	26.91	ug/l	100
16) 1,1-Dichloroethene	6.77	96	589063	24.57	ug/l	97
17) Methylene Chloride	7.01	84	750074	23.86	ug/l	99
18) Methyl tert-Butyl Ether	8.26	73	1275158	22.78	ug/l	97
19) Acrylonitrile	6.92	53	232544	25.68	ug/l	94
20) trans-1,2-Dichloroethene	8.07	96	691074	24.12	ug/l	98
21) 1,1-Dichloroethane	8.44	63	1031891	24.34	ug/l	100
22) Vinyl Acetate	8.71	43	1172014	24.01	ug/l	99
23) Chloroprene	9.02	53	691410	24.97	ug/l	98
24) 2-Butanone	9.17	43	2320739	120.96	ug/l	96
25) Di-isopropyl ether	9.18	45	2260336	24.40	ug/l	99
26) Methacrylonitrile	9.30	41	418419	22.95	ug/l	97
27) cis-1,2 Dichloroethene	9.33	96	767583	24.19	ug/l	98
28) Methyl Acrylate	9.79	55	582273	24.69	ug/l	99
29) Ethyl tertiary-butyl ether	9.79	59	1612253	23.35	ug/l	97
30) 2,2-Dichloropropane	9.78	77	599787	24.25	ug/l	93
31) Bromochloromethane	9.59	128	441444	24.23	ug/l	97
32) Tetrahydrofuran	10.20	42	165962	22.61	ug/l	98
33) Chloroform	9.66	83	1016477	23.83	ug/l	99
35) 1-Chlorobutane	10.81	56	943141	23.54	ug/l	99
36) 1,1,1-Trichloroethane	10.82	97	695611	23.51	ug/l	98
37) 1,1-Dichloropropene	11.12	75	668244	24.58	ug/l	99
38) Cyclohexane	11.24	56	590159	23.80	ug/l	93
39) Carbon Tetrachloride	11.39	117	602656	25.34	ug/l	97
40) Benzene	11.45	78	2339138	24.47	ug/l	100
42) 1,2-Dichloroethane	10.67	62	637018	23.17	ug/l	98
43) Tertiary-amyl methyl ether	11.73	73	1309375	22.34	ug/l	95
44) Trichloroethene	12.46	95	632038	23.93	ug/l	95
45) 1,2-Dichloropropane	12.40	63	635838	24.89	ug/l	98
46) Dibromomethane	12.32	93	537309	23.75	ug/l	85

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340921.D Vial: 2
Acq On : 12 Aug 2010 8:48 am Operator: MD
Sample : CTH0087-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:55 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Thu Aug 12 11:54:56 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

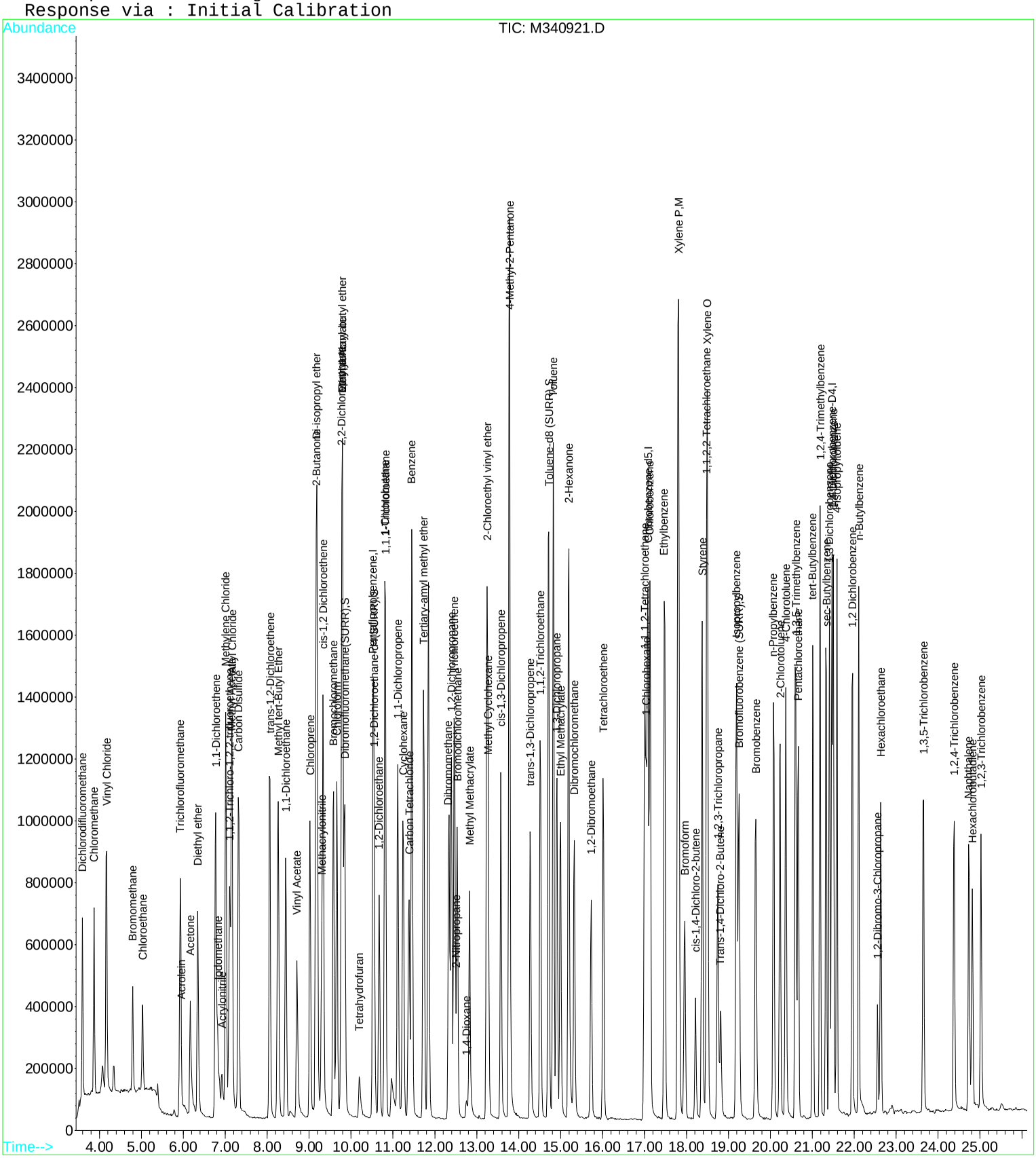
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.50	43	135175	25.42	ug/l	84
48)	Bromodichloromethane	12.53	83	759540	24.48	ug/l	97
49)	1,4-Dioxane	12.75	88	85350	434.58	ug/l	97
50)	Methyl Methacrylate	12.83	41	527431	23.59	ug/l	96
51)	2-Chloroethyl vinyl ether	13.25	63	788579	89.36	ug/l	98
52)	Methyl Cyclohexane	13.27	83	518601	22.43	ug/l	97
53)	4-Methyl-2-Pentanone	13.78	58	1135676	121.78	ug/l	99
54)	cis-1,3-Dichloropropene	13.57	75	849367	24.66	ug/l	98
55)	trans-1,3-Dichloropropene	14.27	75	692309	26.06	ug/l	95
56)	1,1,2-Trichloroethane	14.51	83	523025	23.72	ug/l	99
57)	Toluene	14.82	92	1366411	24.75	ug/l	98
60)	Ethyl Methacrylate	15.00	69	683706	25.93	ug/l	99
61)	2-Hexanone	15.19	43	2131128	124.08	ug/l	99
62)	1,3-Dichloropropane	14.91	76	956025	25.46	ug/l	98
63)	Tetrachloroethene	16.01	164	389036	24.82	ug/l	99
64)	Dibromochloromethane	15.33	129	725542	27.13	ug/l	97
65)	1,2-Dibromoethane	15.73	107	715637	24.83	ug/l	98
66)	1-Chlorohexane	17.04	91	484650	23.96	ug/l	100
67)	Chlorobenzene	17.13	112	1564774	25.07	ug/l	96
68)	1,1,1,2-Tetrachloroethane	17.01	131	538913	25.94	ug/l	99
69)	Ethylbenzene	17.47	91	1972972	25.20	ug/l	98
70)	Xylene P,M	17.81	106	1635372	52.51	ug/l	100
71)	Xylene O	18.50	106	827393	25.56	ug/l	97
72)	Styrene	18.38	104	1417267	25.61	ug/l	99
73)	Bromoform	17.96	173	476409	26.12	ug/l	98
74)	cis-1,4-Dichloro-2-butene	18.21	75	152350	23.03	ug/l	97
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	123717	21.79	ug/l	95
78)	1,2,3-Trichloropropane	18.75	75	532733	24.55	ug/l	97
79)	Isopropylbenzene	19.19	105	1648880	25.28	ug/l	100
80)	Bromobenzene	19.66	156	610637	26.26	ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.48	83	797967	24.42	ug/l	98
82)	n-Propylbenzene	20.07	91	1769041	24.80	ug/l	98
83)	2-Chlorotoluene	20.24	91	1164542	24.71	ug/l	96
84)	4-Chlorotoluene	20.37	91	1223909	24.64	ug/l	97
85)	1,3,5-Trimethylbenzene	20.61	105	1265166	24.88	ug/l	99
86)	Pentachloroethane	20.67	119	356034	28.24	ug/l	96
87)	tert-Butylbenzene	21.01	119	1040248	24.97	ug/l	96
88)	1,2,4-Trimethylbenzene	21.19	105	1369900	25.11	ug/l	97
89)	sec-Butylbenzene	21.34	105	1595216	24.23	ug/l	100
90)	1,3 Dichlorobenzene	21.41	146	857999	24.38	ug/l	96
91)	4-Isopropyltoluene	21.59	119	1317407	24.11	ug/l	97
92)	1,4 Dichlorobenzene	21.50	146	950208	24.65	ug/l	98
93)	n-Butylbenzene	22.11	91	1158931	24.23	ug/l	99
94)	1,2 Dichlorobenzene	21.96	146	894509	25.38	ug/l	98
95)	1,2-Dibromo-3-Chloropropan	22.56	75	82777	22.80	ug/l	89
96)	Hexachloroethane	22.63	117	271216	25.15	ug/l	95
97)	1,3,5-Trichlorobenzene	23.66	180	521299	22.43	ug/l	99
98)	1,2,4-Trichlorobenzene	24.39	180	502985	23.35	ug/l	99
99)	Hexachlorobutadiene	24.82	225	207828	20.93	ug/l	99
100)	Naphthalene	24.73	128	1128560	22.23	ug/l	100
101)	1,2,3-Trichlorobenzene	25.03	180	456082	23.38	ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081210\M340921.D Vial: 2
Acq On : 12 Aug 2010 8:48 am Operator: MD
Sample : CTH0087-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:55 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration



Data File Name M340921.D
Operator MD
Date Acquired 12 Aug 2010 8:48 am
Sample Name CTH0087-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	22.79	ug/l	549275	-8.86
12)	1,1-Dichloroethene	24.57	ug/l	589063	-1.71
27)	Chloroform	23.83	ug/l	1016477	-4.66
36)	1,2-Dichloropropane	24.89	ug/l	635838	-0.46
45)	Toluene	24.75	ug/l	1366411	-0.99
56)	Ethylbenzene	25.20	ug/l	1972972	0.80

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	19.99	ug/l	615328	0.54	0.1
17)	1,1-Dichloroethane	24.34	ug/l	1031891	0.90	0.1
54)	Chlorobenzene	25.07	ug/l	1564774	0.97	0.3
60)	Bromoform	26.12	ug/l	476409	0.30	0.1
67)	1,1,2,2-Tetrachloroethane	24.42	ug/l	797967	1.28	0.3

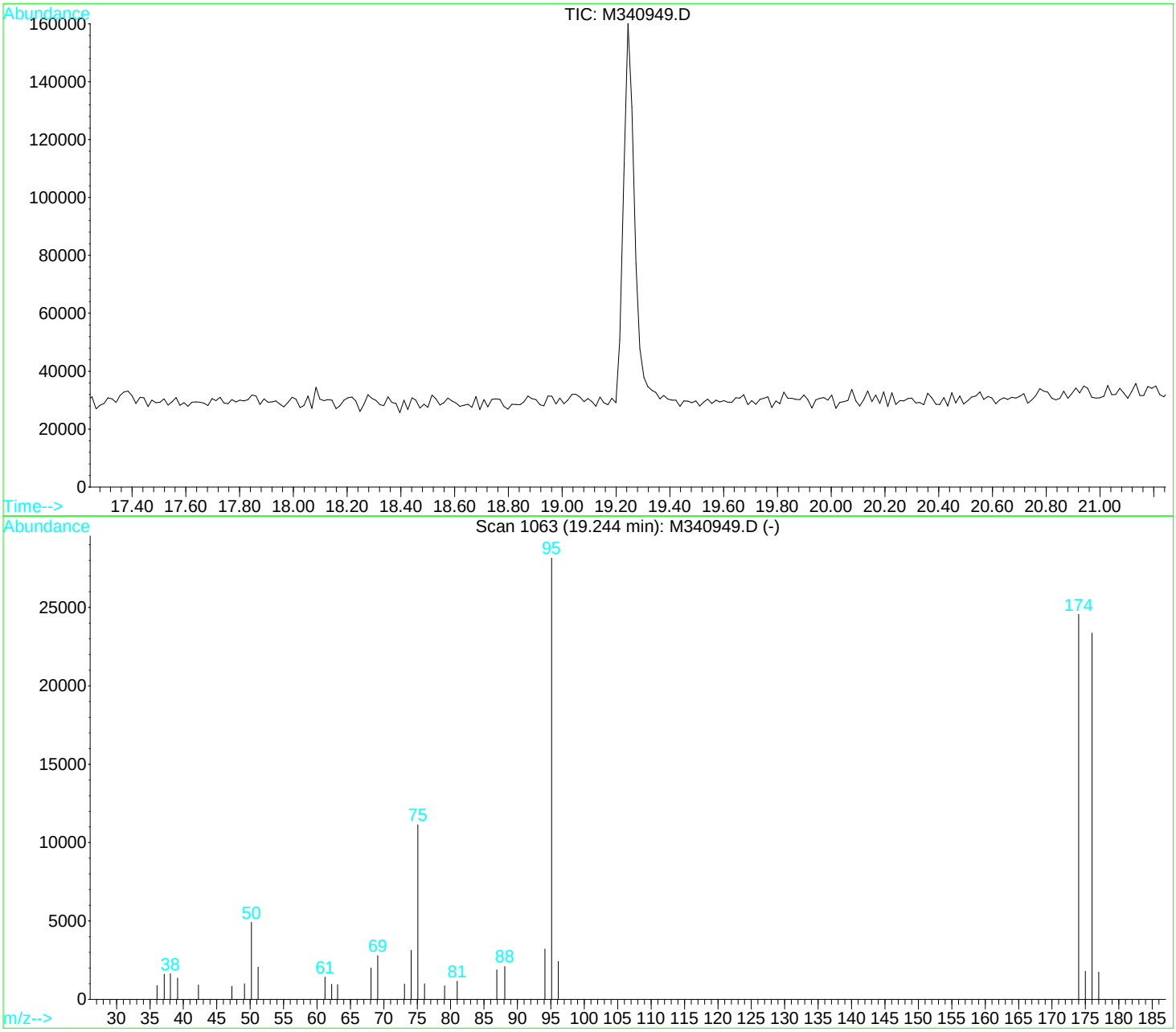
Internal Standards

#	Name	Amount	Units	Target Response
1)	Pentafluorobenzene	25.00	ug/l	1145796
43)	Chlorobenzene-d5	25.00	ug/l	1614437
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	623634

Analyst: _____

BFB

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340949.D Vial: 1
Acq On : 13 Aug 2010 10:59 am Operator: MD
Sample : CTH0092-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010



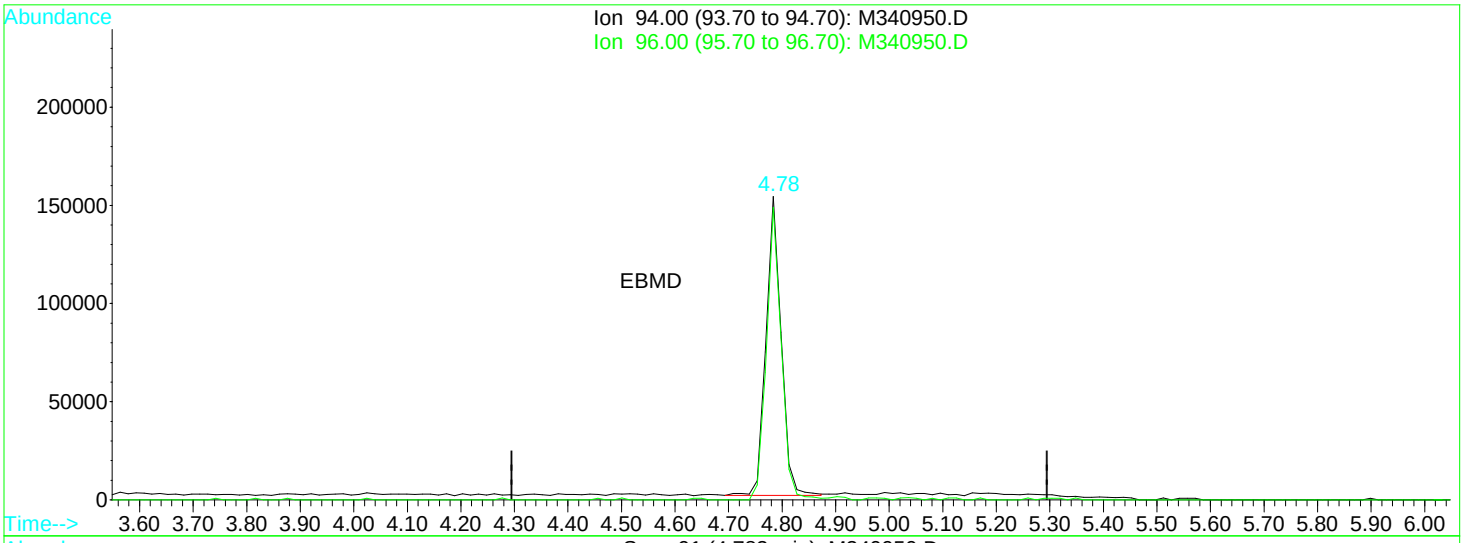
Spectrum Information: Scan 1063

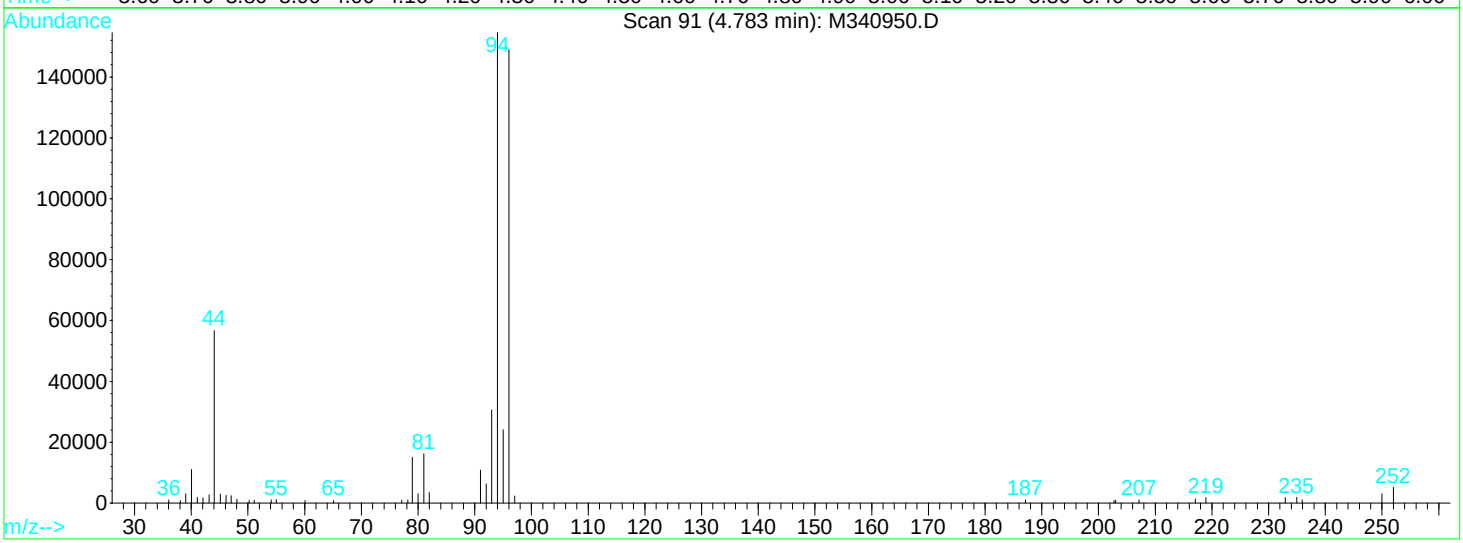
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	4914	PASS
75	95	30	60	39.6	11142	PASS
95	95	100	100	100.0	28152	PASS
96	95	5	9	8.6	2429	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.2	24551	PASS
175	174	5	9	7.4	1807	PASS
176	174	95	101	95.1	23352	PASS
177	176	5	9	7.4	1735	PASS

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:48 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340950.D

(5) Bromomethane

4.78min 17.09ug/l

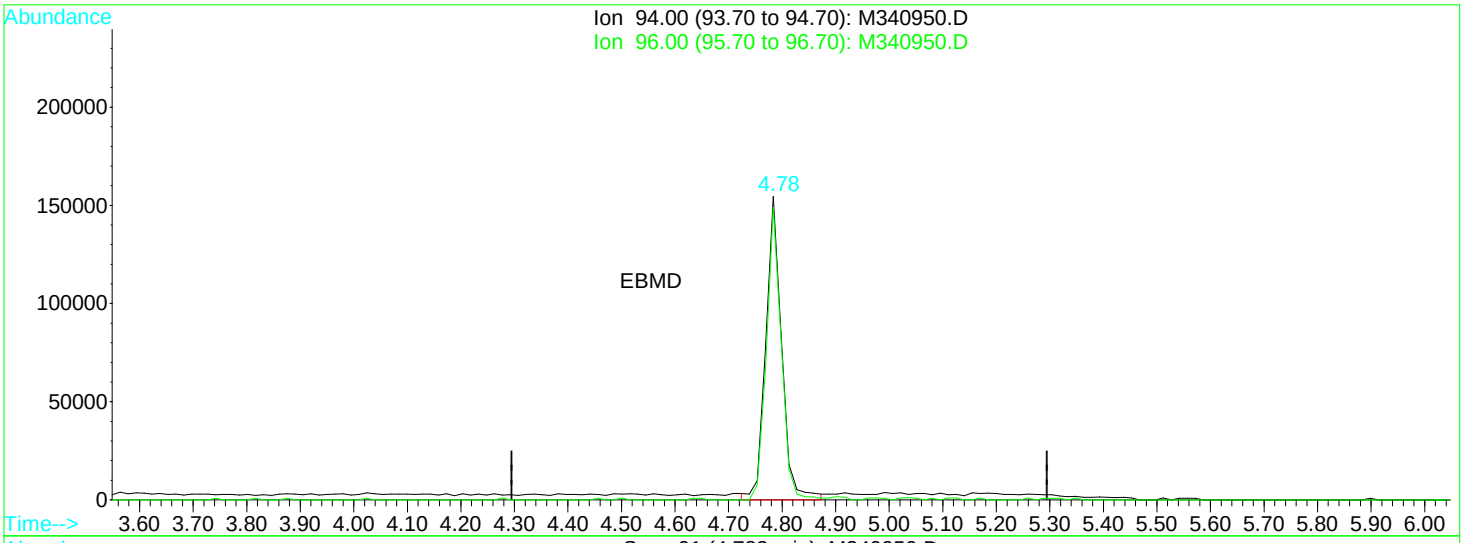
response 304825

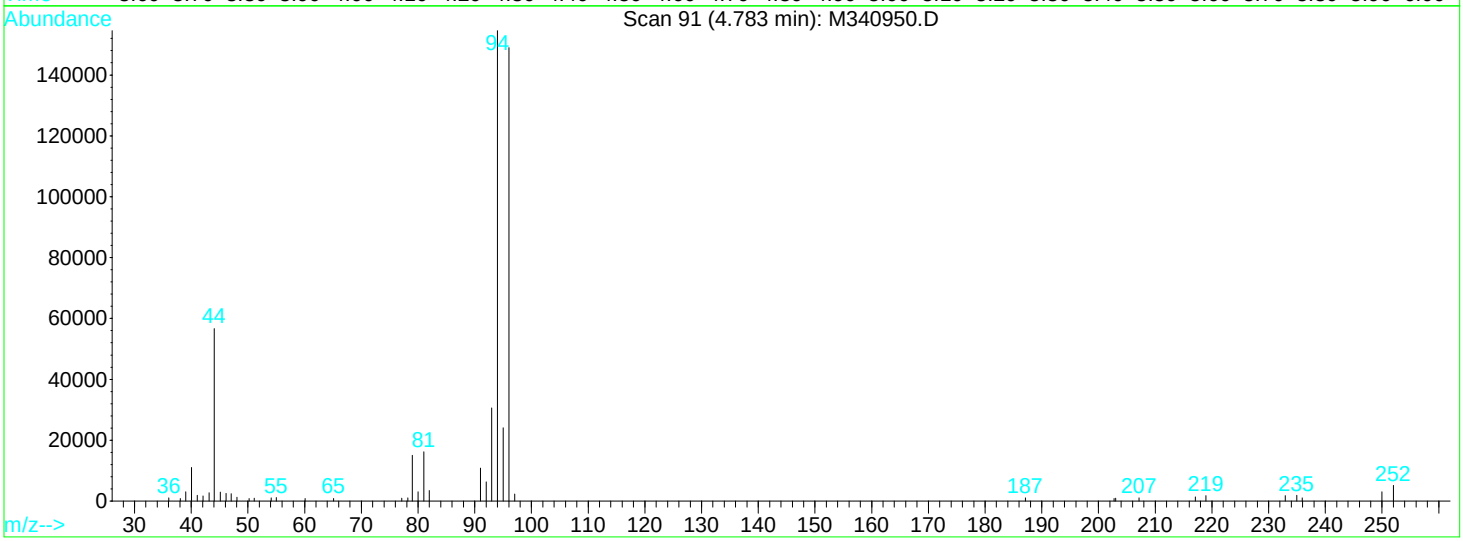
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	96.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:43 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340950.D

(5) Bromomethane

4.78min 18.09ug/l m

response 322604

Ion	Exp%	Act%
94.00	100	100
96.00	91.40	96.40
0.00	0.00	0.00
0.00	0.00	0.00

Data File Name M340950.D
Operator MD
Date Acquired 13 Aug 2010 11:31 am
Sample Name CTH0092-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	23.42	ug/l	554220	-6.32
12)	1,1-Dichloroethene	24.70	ug/l	581171	-1.21
27)	Chloroform	24.00	ug/l	1004682	-4.01
36)	1,2-Dichloropropane	24.72	ug/l	619989	-1.12
45)	Toluene	24.82	ug/l	1344925	-0.73
56)	Ethylbenzene	24.41	ug/l	1918365	-2.35

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	19.88	ug/l	600877	0.53	0.1
17)	1,1-Dichloroethane	24.24	ug/l	1008664	0.90	0.1
54)	Chlorobenzene	25.18	ug/l	1577557	0.97	0.3
60)	Bromoform	25.07	ug/l	457087	0.28	0.1
67)	1,1,2,2-Tetrachloroethane	23.93	ug/l	785078	1.25	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Pentafluorobenzene	25.00	ug/l	1124760
43)	Chlorobenzene-d5	25.00	ug/l	1620431
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	625978

Analyst: _____

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	96	-0.01
2		Dichlorodifluoromethane	0.476	0.428	10.1	90	0.00
3		Chloromethane	0.672	0.534	20.5	82	-0.01
4		Vinyl Chloride	0.526	0.493	6.3	93	-0.01
5		Bromomethane	0.396	0.287	27.5	72	-0.01
6		Chloroethane	0.309	0.273	11.7	89	-0.01
7		Trichlorofluoromethane	0.839	0.743	11.4	86	-0.01
8		Diethyl ether	0.390	0.390	0.0	96	-0.01
9		Acrolein	0.073	0.080	-9.6	106	-0.01
10		Acetone	0.151	0.135	10.6	91	-0.01
11		Iodomethane	0.737	0.418	43.3#	51	-0.01
12		1,1,2-Trichloro-1,2,2-trifl	0.456	0.452	0.9	95	-0.01
13		Methyl Acetate	0.553	0.470	15.0	87	-0.01
14		Allyl Chloride	0.861	0.835	3.0	97	-0.01
15		Carbon Disulfide	1.556	1.689	-8.5	104	-0.01
16		1,1-Dichloroethene	0.523	0.517	1.1	98	-0.01
17		Methylene Chloride	0.686	0.657	4.2	95	-0.01
18		Methyl tert-Butyl Ether	1.221	1.070	12.4	84	-0.01
19		Acrylonitrile	0.198	0.192	3.0	95	0.00
20		trans-1,2-Dichloroethene	0.625	0.593	5.1	92	-0.01
21		1,1-Dichloroethane	0.925	0.897	3.0	95	-0.01
22		Vinyl Acetate	1.065	0.944	11.4	88	-0.01
23		Chloroprene	0.604	0.594	1.7	92	-0.01
24		2-Butanone	0.419	0.403	3.8	93	-0.01
25		Di-isopropyl ether	2.022	1.958	3.2	94	-0.01
26		Methacrylonitrile	0.398	0.362	9.0	95	-0.01
27		cis-1,2 Dichloroethene	0.692	0.675	2.5	97	-0.01
28		Methyl Acrylate	0.515	0.497	3.5	94	-0.01
29		Ethyl tertiary-butyl ether	1.506	1.373	8.8	87	-0.01
30		2,2-Dichloropropane	0.540	0.513	5.0	93	-0.01
31		Bromochloromethane	0.398	0.389	2.3	94	-0.01
32		Tetrahydrofuran	0.160	0.146	8.8	89	-0.01
33		Chloroform	0.931	0.893	4.1	93	-0.01
34	S	Dibromofluoromethane(SURR)	0.703	0.716	-1.8	96	-0.01
35		1-Chlorobutane	0.874	0.838	4.1	93	-0.01
36		1,1,1-Trichloroethane	0.646	0.623	3.6	93	-0.01
37		1,1-Dichloropropene	0.593	0.591	0.3	96	-0.01
38		Cyclohexane	0.541	0.516	4.6	92	-0.03
39		Carbon Tetrachloride	0.519	0.537	-3.5	99	-0.01
40		Benzene	2.086	2.043	2.1	95	-0.03
41	S	1,2-Dichloroethane-d4(SURR)	0.502	0.483	3.8	94	-0.01
42		1,2-Dichloroethane	0.600	0.575	4.2	92	-0.01
43		Tertiary-amyl methyl ether	1.279	1.077	15.8	80	-0.01
44		Trichloroethene	0.576	0.555	3.6	93	-0.01
45		1,2-Dichloropropane	0.557	0.551	1.1	97	-0.01
46		Dibromomethane	0.494	0.474	4.0	92	-0.01
47		2-Nitropropane	0.116	0.102	12.1	99	-0.01
48		Bromodichloromethane	0.677	0.678	-0.1	97	-0.01
49		1,4-Dioxane	0.004	0.004	0.0	80	-0.01
50		Methyl Methacrylate	0.488	0.431	11.7	87	-0.01
51		2-Chloroethyl vinyl ether	0.210	0.145	31.0#	61	-0.01
52		Methyl Cyclohexane	0.505	0.459	9.1	86	-0.03
53		4-Methyl-2-Pentanone	0.203	0.199	2.0	92	-0.01
54		cis-1,3-Dichloropropene	0.752	0.730	2.9	92	-0.01
55		trans-1,3-Dichloropropene	0.580	0.594	-2.4	94	-0.01
56		1,1,2-Trichloroethane	0.481	0.466	3.1	94	-0.01
57		Toluene	1.205	1.196	0.7	94	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.01
59	S	Toluene-d8 (SURR)	1.179	1.189	-0.8	95	-0.01
60		Ethyl Methacrylate	0.408	0.407	0.2	93	-0.01
61		2-Hexanone	0.266	0.258	3.0	89	-0.01
62		1,3-Dichloropropane	0.582	0.576	1.0	93	-0.01
63		Tetrachloroethene	0.243	0.253	-4.1	101	-0.01
64		Dibromochloromethane	0.414	0.446	-7.7	101	-0.01
65		1,2-Dibromoethane	0.446	0.440	1.3	93	-0.01
66		1-Chlorohexane	0.313	0.290	7.3	89	-0.01
67		Chlorobenzene	0.966	0.974	-0.8	97	-0.01
68		1,1,1,2-Tetrachloroethane	0.322	0.321	0.3	95	-0.01
69		Ethylbenzene	1.212	1.184	2.3	93	-0.01
70		Xylene P,M	0.482	0.493	-2.3	95	-0.01
71		Xylene O	0.501	0.502	-0.2	93	-0.01
72		Styrene	0.857	0.848	1.1	91	-0.01
73		Bromoform	0.250	0.282	-12.8	105	-0.01
74		cis-1,4-Dichloro-2-butene	0.084	0.082	2.4	83	-0.01
75	S	Bromofluorobenzene (SURR)	0.399	0.395	1.0	95	-0.01
76	I	1,4 Dichlorobenzene-D4	1.000	1.000	0.0	93	-0.01
77		Trans-1,4-Dichloro-2-Butene	0.213	0.189	11.3	82	-0.03
78		1,2,3-Trichloropropane	0.870	0.816	6.2	89	-0.01
79		Isopropylbenzene	2.615	2.547	2.6	90	-0.01
80		Bromobenzene	0.932	0.934	-0.2	92	-0.01
81		1,1,2,2-Tetrachloroethane	1.310	1.254	4.3	92	-0.01
82		n-Propylbenzene	2.860	2.769	3.2	91	-0.01
83		2-Chlorotoluene	1.889	1.859	1.6	94	-0.01
84		4-Chlorotoluene	1.992	1.945	2.4	91	-0.01
85		1,3,5-Trimethylbenzene	2.038	1.962	3.7	89	-0.01
86		Pentachloroethane	0.505	0.476	5.7	85	-0.01
87		tert-Butylbenzene	1.670	1.602	4.1	90	0.00
88		1,2,4-Trimethylbenzene	2.187	2.183	0.2	91	-0.01
89		sec-Butylbenzene	2.639	2.510	4.9	87	-0.01
90		1,3 Dichlorobenzene	1.411	1.379	2.3	91	-0.01
91		4-Isopropyltoluene	2.190	2.094	4.4	89	-0.01
92		1,4 Dichlorobenzene	1.546	1.494	3.4	92	0.00
93		n-Butylbenzene	1.917	1.784	6.9	86	-0.01
94		1,2 Dichlorobenzene	1.413	1.409	0.3	93	-0.01
95		1,2-Dibromo-3-Chloropropane	0.146	0.129	11.6	89	-0.01
96		Hexachloroethane	0.432	0.433	-0.2	94	-0.01
97		1,3,5-Trichlorobenzene	0.932	0.812	12.9	82	-0.01
98		1,2,4-Trichlorobenzene	0.863	0.767	11.1	85	-0.01
99		Hexachlorobutadiene	0.398	0.333	16.3	84	-0.01
100		Naphthalene	2.036	1.559	23.4	72	0.00
101		1,2,3-Trichlorobenzene	0.782	0.691	11.6	82	-0.01

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:43 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.51	168	1124760	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.07	117	1620431	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.46	152	625978	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	805081	25.47	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	543107	24.06	ug/l	-0.01
Spiked Amount 25.000			Recovery = 96.24%			
59) Toluene-d8 (SURR)	14.70	98	1927257	25.21	ug/l	-0.01
Spiked Amount 25.000			Recovery = 100.84%			
75) Bromofluorobenzene (SURR)	19.24	95	639848	24.73	ug/l	-0.01
Spiked Amount 25.000			Recovery = 98.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	481625	22.48	ug/l	97
3) Chloromethane	3.86	50	600877	19.88	ug/l	100
4) Vinyl Chloride	4.16	62	554220	23.42	ug/l	98
5) Bromomethane	4.78	94	322604m	18.09	ug/l	
6) Chloroethane	5.02	64	307147	22.08	ug/l	97
7) Trichlorofluoromethane	5.91	101	835798	22.14	ug/l	95
8) Diethyl ether	6.33	59	438873	24.99	ug/l	99
9) Acrolein	5.94	56	89734	27.23	ug/l	85
10) Acetone	6.15	43	759063	111.68	ug/l	100
11) Iodomethane	6.81	142	470257	13.40	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.09	101	507866	24.76	ug/l	97
13) Methyl Acetate	7.13	43	528520	21.25	ug/l	99
14) Allyl Chloride	7.15	41	939460	24.25	ug/l	99
15) Carbon Disulfide	7.31	76	1899290	27.14	ug/l	99
16) 1,1-Dichloroethene	6.76	96	581171	24.70	ug/l	98
17) Methylene Chloride	7.00	84	738736	23.94	ug/l	100
18) Methyl tert-Butyl Ether	8.25	73	1203421	21.90	ug/l	95
19) Acrylonitrile	6.91	53	216073	24.31	ug/l	99
20) trans-1,2-Dichloroethene	8.06	96	666765	23.71	ug/l	99
21) 1,1-Dichloroethane	8.43	63	1008664	24.24	ug/l	99
22) Vinyl Acetate	8.69	43	1061631	22.16	ug/l	98
23) Chloroprene	9.01	53	667598	24.56	ug/l	98
24) 2-Butanone	9.16	43	2268573	120.45	ug/l	97
25) Di-isopropyl ether	9.17	45	2202799	24.22	ug/l	98
26) Methacrylonitrile	9.29	41	407351	22.76	ug/l	100
27) cis-1,2 Dichloroethene	9.32	96	759345	24.38	ug/l	99
28) Methyl Acrylate	9.78	55	558957	24.14	ug/l	100
29) Ethyl tertiary-butyl ether	9.78	59	1543836	22.78	ug/l	99
30) 2,2-Dichloropropane	9.77	77	576584	23.75	ug/l	89
31) Bromochloromethane	9.57	128	437188	24.44	ug/l	98
32) Tetrahydrofuran	10.18	42	164506	22.83	ug/l	96
33) Chloroform	9.65	83	1004682	24.00	ug/l	98
35) 1-Chlorobutane	10.79	56	942413	23.97	ug/l	97
36) 1,1,1-Trichloroethane	10.81	97	700503	24.11	ug/l	99
37) 1,1-Dichloropropene	11.10	75	664315	24.90	ug/l	99
38) Cyclohexane	11.22	56	580052	23.83	ug/l	93
39) Carbon Tetrachloride	11.37	117	603536	25.85	ug/l	100
40) Benzene	11.43	78	2297478	24.48	ug/l	100
42) 1,2-Dichloroethane	10.66	62	647049	23.98	ug/l	100
43) Tertiary-amyl methyl ether	11.71	73	1211627	21.06	ug/l	93
44) Trichloroethene	12.44	95	624236	24.08	ug/l	94
45) 1,2-Dichloropropane	12.38	63	619989	24.72	ug/l	98
46) Dibromomethane	12.32	93	533086	24.00	ug/l	91

(#) = qualifier out of range (m) = manual integration

Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:43 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

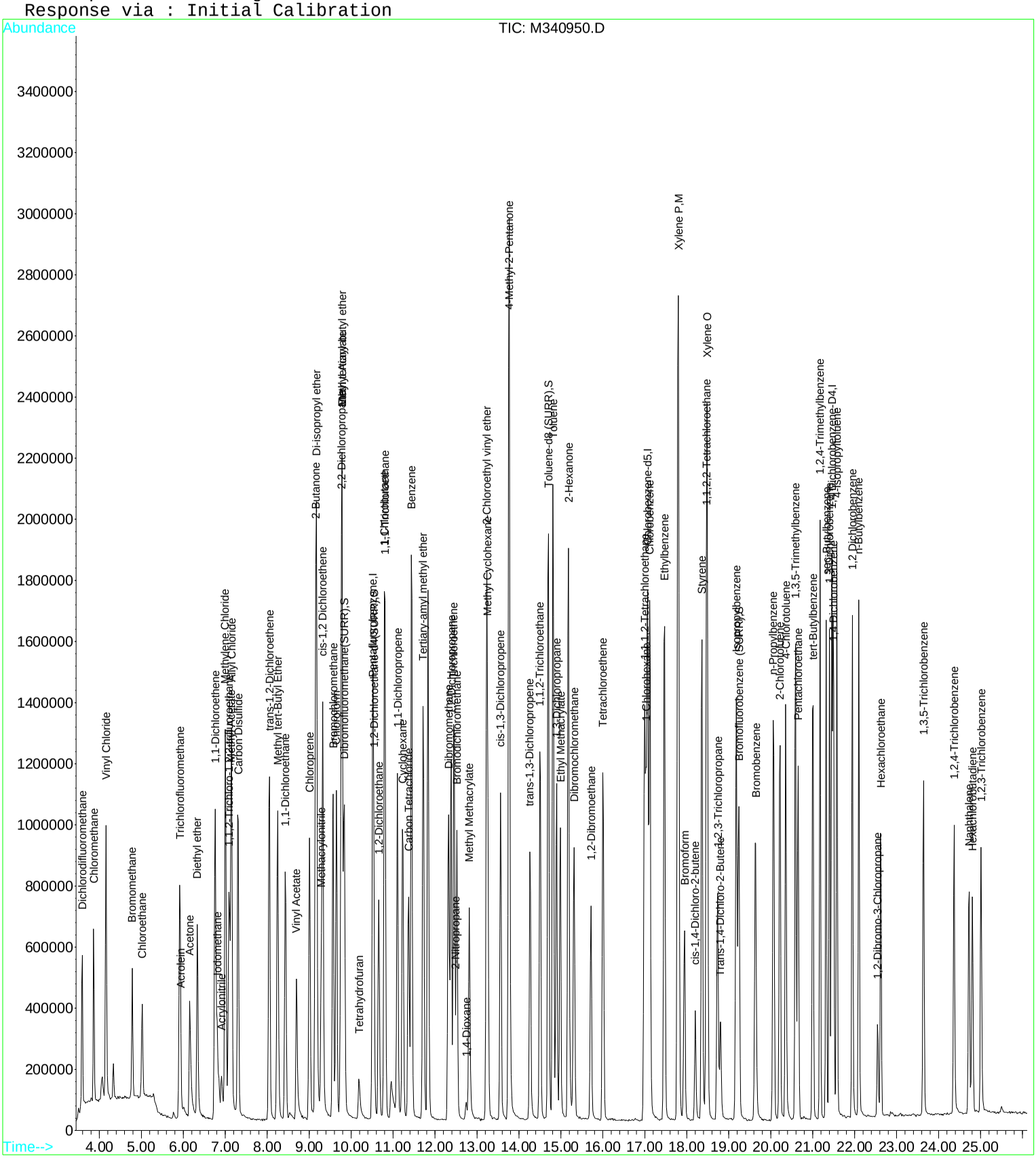
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.49	43	114700	21.98	ug/l	86
48)	Bromodichloromethane	12.52	83	762852	25.04	ug/l	99
49)	1,4-Dioxane	12.74	88	79807	413.96	ug/l	99
50)	Methyl Methacrylate	12.82	41	485067	22.10	ug/l	96
51)	2-Chloroethyl vinyl ether	13.23	63	815866	86.51	ug/l	99
52)	Methyl Cyclohexane	13.25	83	516597	22.76	ug/l	95
53)	4-Methyl-2-Pentanone	13.77	58	1121084	122.46	ug/l	98
54)	cis-1,3-Dichloropropene	13.56	75	821373	24.29	ug/l	98
55)	trans-1,3-Dichloropropene	14.26	75	667816	25.61	ug/l	99
56)	1,1,2-Trichloroethane	14.50	83	524660	24.24	ug/l	99
57)	Toluene	14.81	92	1344925	24.82	ug/l	99
60)	Ethyl Methacrylate	14.99	69	659788	24.93	ug/l	98
61)	2-Hexanone	15.18	43	2090493	121.26	ug/l	100
62)	1,3-Dichloropropane	14.90	76	932926	24.75	ug/l	99
63)	Tetrachloroethene	16.00	164	409406	26.03	ug/l	98
64)	Dibromochloromethane	15.31	129	721973	26.90	ug/l	98
65)	1,2-Dibromoethane	15.72	107	712279	24.62	ug/l	97
66)	1-Chlorohexane	17.02	91	469477	23.12	ug/l	97
67)	Chlorobenzene	17.11	112	1577557	25.18	ug/l	97
68)	1,1,1,2-Tetrachloroethane	16.99	131	519351	24.91	ug/l	98
69)	Ethylbenzene	17.47	91	1918365	24.41	ug/l	99
70)	Xylene P,M	17.80	106	1597686	51.11	ug/l	98
71)	Xylene O	18.48	106	813044	25.02	ug/l	98
72)	Styrene	18.36	104	1374056	24.74	ug/l	99
73)	Bromoform	17.95	173	457087	25.07	ug/l	99
74)	cis-1,4-Dichloro-2-butene	18.20	75	132833	20.28	ug/l	97
77)	Trans-1,4-Dichloro-2-Buten	18.79	53	118372	20.86	ug/l	94
78)	1,2,3-Trichloropropane	18.73	75	510615	23.44	ug/l	97
79)	Isopropylbenzene	19.18	105	1594248	24.35	ug/l	100
80)	Bromobenzene	19.64	156	584653	25.05	ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.47	83	785078	23.93	ug/l	98
82)	n-Propylbenzene	20.06	91	1733214	24.20	ug/l	98
83)	2-Chlorotoluene	20.22	91	1163811	24.60	ug/l	99
84)	4-Chlorotoluene	20.36	91	1217521	24.42	ug/l	100
85)	1,3,5-Trimethylbenzene	20.59	105	1228324	24.07	ug/l	98
86)	Pentachloroethane	20.65	119	298205	23.57	ug/l	98
87)	tert-Butylbenzene	21.01	119	1003078	23.99	ug/l	90
88)	1,2,4-Trimethylbenzene	21.17	105	1366202	24.95	ug/l	100
89)	sec-Butylbenzene	21.32	105	1571312	23.78	ug/l	99
90)	1,3 Dichlorobenzene	21.40	146	863323	24.44	ug/l	98
91)	4-Isopropyltoluene	21.58	119	1310775	23.90	ug/l	99
92)	1,4 Dichlorobenzene	21.50	146	935167	24.16	ug/l	95
93)	n-Butylbenzene	22.10	91	1116746	23.26	ug/l	97
94)	1,2 Dichlorobenzene	21.95	146	881744	24.92	ug/l	98
95)	1,2-Dibromo-3-Chloropropan	22.54	75	80887	22.19	ug/l	90
96)	Hexachloroethane	22.62	117	270993	25.03	ug/l	94
97)	1,3,5-Trichlorobenzene	23.64	180	508391	21.79	ug/l	100
98)	1,2,4-Trichlorobenzene	24.37	180	480101	22.21	ug/l	99
99)	Hexachlorobutadiene	24.80	225	208218	20.90	ug/l	97
100)	Naphthalene	24.73	128	975651	19.14	ug/l	100
101)	1,2,3-Trichlorobenzene	25.01	180	432349	22.09	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

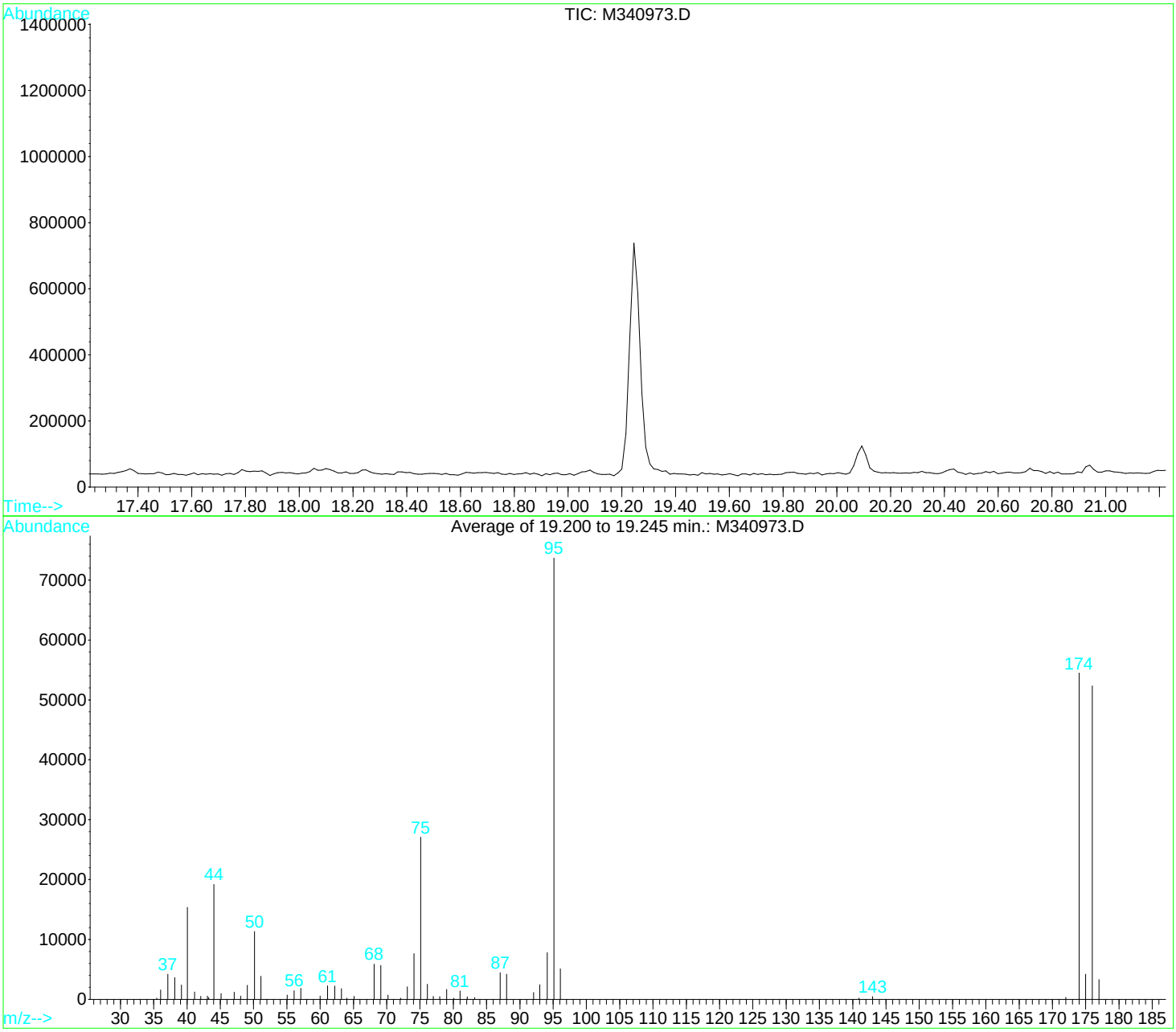
Data File : Q:\VOA\MS3_MG\MG0810\MG081310\M340950.D Vial: 2
Acq On : 13 Aug 2010 11:31 am Operator: MD
Sample : CTH0092-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 10:43 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration



BFB

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340973.D Vial: 1
Acq On : 16 Aug 2010 8:22 am Operator: MD
Sample : CTH0104-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010



Spectrum Information: Average of 19.200 to 19.245 min.

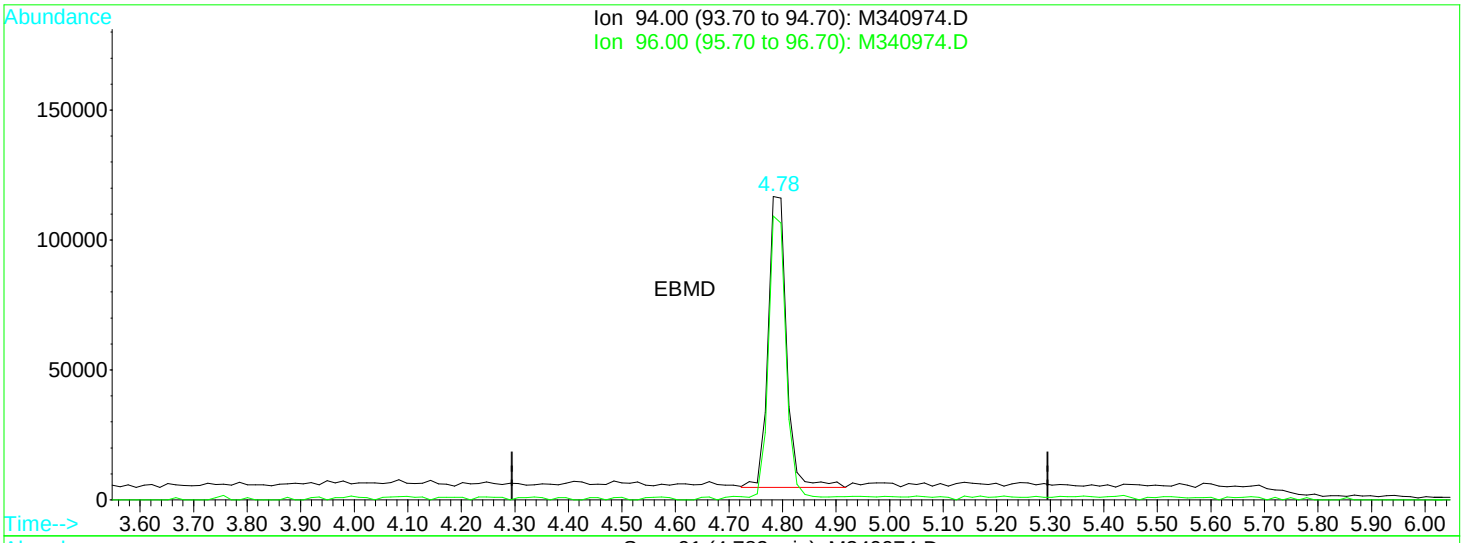
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	11345	PASS
75	95	30	60	36.8	27089	PASS
95	95	100	100	100.0	73692	PASS
96	95	5	9	6.9	5101	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.9	54484	PASS
175	174	5	9	7.7	4197	PASS
176	174	95	101	96.1	52335	PASS
177	176	5	9	6.3	3303	PASS

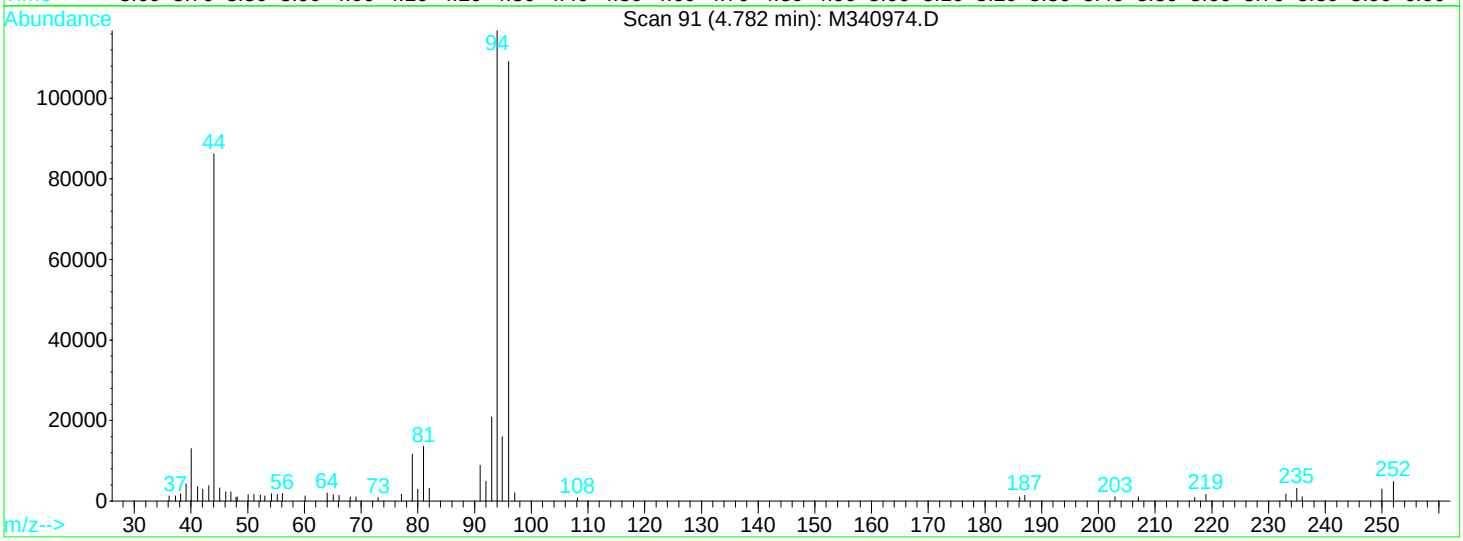
M340973.D AQ071210.M Mon Aug 16 15:07:16 2010

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 9:26 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340974.D

(5) Bromomethane

4.78min 14.86ug/l

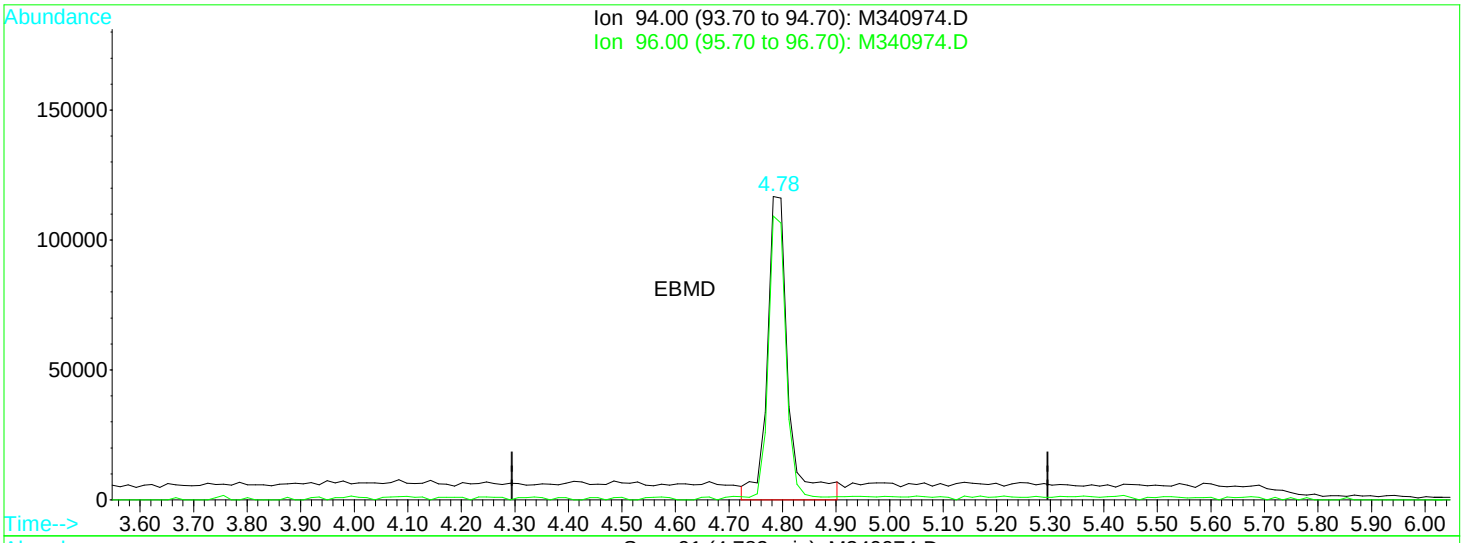
response 269959

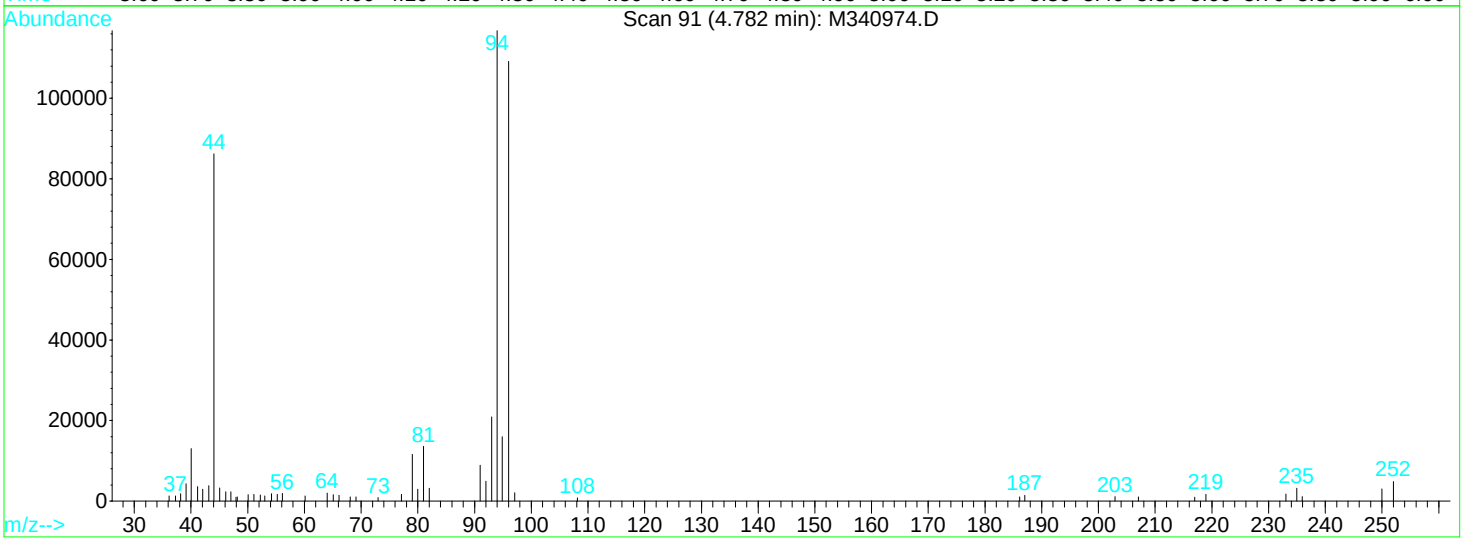
Ion	Exp%	Act%
94.00	100	100
96.00	91.40	93.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:07 2010 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration





TIC: M340974.D

(5) Bromomethane

4.78min 17.71ug/l m

response 321779

Ion	Exp%	Act%
94.00	100	100
96.00	91.40	93.49
0.00	0.00	0.00
0.00	0.00	0.00

Data File Name M340974.D
Operator MD
Date Acquired 16 Aug 2010 8:54 am
Sample Name CTH0104-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	22.60	ug/l	544816	-9.61
12)	1,1-Dichloroethene	25.04	ug/l	600240	0.14
27)	Chloroform	23.81	ug/l	1015474	-4.77
36)	1,2-Dichloropropane	24.75	ug/l	632524	-0.99
45)	Toluene	25.32	ug/l	1397779	1.27
56)	Ethylbenzene	25.46	ug/l	1971022	1.85

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	19.47	ug/l	599443	0.52	0.1
17)	1,1-Dichloroethane	24.27	ug/l	1028876	0.90	0.1
54)	Chlorobenzene	25.61	ug/l	1580142	0.99	0.3
60)	Bromoform	27.03	ug/l	489009	0.31	0.1
67)	1,1,2,2-Tetrachloroethane	25.42	ug/l	817334	1.33	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Pentafluorobenzene	25.00	ug/l	1145955
43)	Chlorobenzene-d5	25.00	ug/l	1596160
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	613709

Analyst: _____

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2		Dichlorodifluoromethane	0.476	0.420	11.8	90	0.00
3		Chloromethane	0.672	0.523	22.2	82	0.00
4		Vinyl Chloride	0.526	0.475	9.7	92	-0.01
5		Bromomethane	0.396	0.281	29.0	72	-0.01
6		Chloroethane	0.309	0.273	11.7	90	-0.01
7		Trichlorofluoromethane	0.839	0.722	13.9	85	0.00
8		Diethyl ether	0.390	0.411	-5.4	103	0.00
9		Acrolein	0.073	0.089	-21.9	120	-0.01
10		Acetone	0.151	0.149	1.3	103	-0.01
11		Iodomethane	0.737	0.351	52.4#	44#	-0.01
12		1,1,2-Trichloro-1,2,2-trifl	0.456	0.441	3.3	95	0.00
13		Methyl Acetate	0.553	0.529	4.3	100	-0.01
14		Allyl Chloride	0.861	0.863	-0.2	102	-0.01
15		Carbon Disulfide	1.556	1.699	-9.2	107	-0.01
16		1,1-Dichloroethene	0.523	0.524	-0.2	101	-0.01
17		Methylene Chloride	0.686	0.658	4.1	97	0.00
18		Methyl tert-Butyl Ether	1.221	1.146	6.1	92	0.00
19		Acrylonitrile	0.198	0.214	-8.1	107	0.00
20		trans-1,2-Dichloroethene	0.625	0.605	3.2	96	-0.01
21		1,1-Dichloroethane	0.925	0.898	2.9	97	0.00
22		Vinyl Acetate	1.065	1.047	1.7	100	0.00
23		Chloroprene	0.604	0.586	3.0	93	0.00
24		2-Butanone	0.419	0.424	-1.2	99	-0.01
25		Di-isopropyl ether	2.022	2.019	0.1	98	0.00
26		Methacrylonitrile	0.398	0.375	5.8	101	-0.01
27		cis-1,2 Dichloroethene	0.692	0.684	1.2	100	0.00
28		Methyl Acrylate	0.515	0.518	-0.6	100	-0.01
29		Ethyl tertiary-butyl ether	1.506	1.429	5.1	92	0.00
30		2,2-Dichloropropane	0.540	0.543	-0.6	101	-0.01
31		Bromochloromethane	0.398	0.388	2.5	95	-0.01
32		Tetrahydrofuran	0.160	0.152	5.0	95	0.00
33		Chloroform	0.931	0.886	4.8	94	0.00
34	S	Dibromofluoromethane(SURR)	0.703	0.706	-0.4	97	-0.01
35		1-Chlorobutane	0.874	0.839	4.0	94	0.00
36		1,1,1-Trichloroethane	0.646	0.623	3.6	95	-0.01
37		1,1-Dichloropropene	0.593	0.580	2.2	96	-0.01
38		Cyclohexane	0.541	0.509	5.9	93	-0.01
39		Carbon Tetrachloride	0.519	0.532	-2.5	99	-0.01
40		Benzene	2.086	2.039	2.3	97	-0.01
41	S	1,2-Dichloroethane-d4(SURR)	0.502	0.485	3.4	97	-0.01
42		1,2-Dichloroethane	0.600	0.565	5.8	92	0.00
43		Tertiary-amyl methyl ether	1.279	1.176	8.1	89	0.00
44		Trichloroethene	0.576	0.554	3.8	95	0.00
45		1,2-Dichloropropane	0.557	0.552	0.9	99	-0.01
46		Dibromomethane	0.494	0.472	4.5	94	-0.01
47		2-Nitropropane	0.116	0.106	8.6	105	-0.01
48		Bromodichloromethane	0.677	0.680	-0.4	99	0.00
49		1,4-Dioxane	0.004	0.004	0.0	85	-0.01
50		Methyl Methacrylate	0.488	0.475	2.7	98	-0.01
51		2-Chloroethyl vinyl ether	0.210	0.164	21.9	70	-0.01
52		Methyl Cyclohexane	0.505	0.459	9.1	88	-0.01
53		4-Methyl-2-Pentanone	0.203	0.208	-2.5	98	-0.01
54		cis-1,3-Dichloropropene	0.752	0.768	-2.1	99	0.00
55		trans-1,3-Dichloropropene	0.580	0.617	-6.4	100	0.00
56		1,1,2-Trichloroethane	0.481	0.463	3.7	95	0.00
57		Toluene	1.205	1.220	-1.2	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	1.000	1.000	0.0	95	-0.01
59	S	Toluene-d8 (SURR)	1.179	1.245	-5.6	98	-0.01
60		Ethyl Methacrylate	0.408	0.438	-7.4	98	-0.01
61		2-Hexanone	0.266	0.284	-6.8	97	-0.01
62		1,3-Dichloropropane	0.582	0.604	-3.8	96	-0.01
63		Tetrachloroethene	0.243	0.247	-1.6	97	0.00
64		Dibromochloromethane	0.414	0.470	-13.5	105	-0.01
65		1,2-Dibromoethane	0.446	0.455	-2.0	95	-0.01
66		1-Chlorohexane	0.313	0.307	1.9	92	0.00
67		Chlorobenzene	0.966	0.990	-2.5	97	0.00
68		1,1,1,2-Tetrachloroethane	0.322	0.341	-5.9	100	-0.01
69		Ethylbenzene	1.212	1.235	-1.9	95	-0.01
70		Xylene P,M	0.482	0.510	-5.8	97	-0.01
71		Xylene O	0.501	0.522	-4.2	95	0.00
72		Styrene	0.857	0.888	-3.6	94	-0.01
73		Bromoform	0.250	0.306	-22.4	112	-0.01
74		cis-1,4-Dichloro-2-butene	0.084	0.099	-17.9	98	0.00
75	S	Bromofluorobenzene (SURR)	0.399	0.414	-3.8	98	-0.01
76	I	1,4 Dichlorobenzene-D4	1.000	1.000	0.0	92	0.00
77		Trans-1,4-Dichloro-2-Butene	0.213	0.199	6.6	85	-0.01
78		1,2,3-Trichloropropane	0.870	0.839	3.6	90	-0.01
79		Isopropylbenzene	2.615	2.657	-1.6	92	-0.01
80		Bromobenzene	0.932	0.979	-5.0	95	-0.01
81		1,1,2,2-Tetrachloroethane	1.310	1.332	-1.7	96	0.00
82		n-Propylbenzene	2.860	2.916	-2.0	94	0.00
83		2-Chlorotoluene	1.889	1.904	-0.8	94	-0.01
84		4-Chlorotoluene	1.992	1.992	0.0	92	0.00
85		1,3,5-Trimethylbenzene	2.038	2.086	-2.4	93	-0.01
86		Pentachloroethane	0.505	0.574	-13.7	100	-0.01
87		tert-Butylbenzene	1.670	1.708	-2.3	94	0.00
88		1,2,4-Trimethylbenzene	2.187	2.264	-3.5	93	0.00
89		sec-Butylbenzene	2.639	2.628	0.4	90	-0.01
90		1,3 Dichlorobenzene	1.411	1.412	-0.1	92	0.00
91		4-Isopropyltoluene	2.190	2.183	0.3	91	-0.01
92		1,4 Dichlorobenzene	1.546	1.588	-2.7	96	0.00
93		n-Butylbenzene	1.917	1.872	2.3	89	-0.01
94		1,2 Dichlorobenzene	1.413	1.420	-0.5	92	-0.01
95		1,2-Dibromo-3-Chloropropane	0.146	0.140	4.1	94	0.00
96		Hexachloroethane	0.432	0.459	-6.3	98	0.00
97		1,3,5-Trichlorobenzene	0.932	0.854	8.4	85	-0.01
98		1,2,4-Trichlorobenzene	0.863	0.805	6.7	88	-0.01
99		Hexachlorobutadiene	0.398	0.343	13.8	85	0.00
100		Naphthalene	2.036	1.877	7.8	85	0.00
101		1,2,3-Trichlorobenzene	0.782	0.738	5.6	86	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:07 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	10.52	168	1145955	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.07	117	1596160	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.47	152	613709	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.84	111	809528	25.13	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
41) 1,2-Dichloroethane-d4(SURR	10.54	65	555298	24.14	ug/l	-0.01
Spiked Amount 25.000			Recovery = 96.56%			
59) Toluene-d8 (SURR)	14.70	98	1987984	26.40	ug/l	-0.01
Spiked Amount 25.000			Recovery = 105.60%			
75) Bromofluorobenzene (SURR)	19.24	95	660428	25.92	ug/l	-0.01
Spiked Amount 25.000			Recovery = 103.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.59	85	481608	22.07	ug/l	100
3) Chloromethane	3.88	50	599443	19.47	ug/l	99
4) Vinyl Chloride	4.16	62	544816	22.60	ug/l	99
5) Bromomethane	4.78	94	321779m	17.71	ug/l	
6) Chloroethane	5.02	64	313042	22.09	ug/l	95
7) Trichlorofluoromethane	5.93	101	827487	21.52	ug/l	98
8) Diethyl ether	6.34	59	471249	26.33	ug/l	98
9) Acrolein	5.94	56	101668	30.28	ug/l	88
10) Acetone	6.15	43	854546	123.40	ug/l	100
11) Iodomethane	6.81	142	401878	11.57	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.10	101	504884	24.16	ug/l	91
13) Methyl Acetate	7.13	43	606167	23.92	ug/l	96
14) Allyl Chloride	7.15	41	988751	25.05	ug/l	97
15) Carbon Disulfide	7.31	76	1946659	27.30	ug/l	99
16) 1,1-Dichloroethene	6.76	96	600240	25.04	ug/l	97
17) Methylene Chloride	7.01	84	754074	23.99	ug/l	95
18) Methyl tert-Butyl Ether	8.26	73	1313095	23.45	ug/l	100
19) Acrylonitrile	6.91	53	244814	27.03	ug/l	93
20) trans-1,2-Dichloroethene	8.05	96	693498	24.20	ug/l	93
21) 1,1-Dichloroethane	8.44	63	1028876	24.27	ug/l	99
22) Vinyl Acetate	8.71	43	1199966	24.58	ug/l	99
23) Chloroprene	9.02	53	671206	24.23	ug/l	92
24) 2-Butanone	9.16	43	2429689	126.62	ug/l	92
25) Di-isopropyl ether	9.19	45	2313782	24.97	ug/l	95
26) Methacrylonitrile	9.29	41	430069	23.59	ug/l	94
27) cis-1,2 Dichloroethene	9.33	96	783956	24.70	ug/l	91
28) Methyl Acrylate	9.78	55	593317	25.15	ug/l	98
29) Ethyl tertiary-butyl ether	9.79	59	1637261	23.71	ug/l	97
30) 2,2-Dichloropropane	9.77	77	622741	25.18	ug/l	88
31) Bromochloromethane	9.57	128	444711	24.40	ug/l	90
32) Tetrahydrofuran	10.20	42	174334	23.75	ug/l	100
33) Chloroform	9.66	83	1015474	23.81	ug/l	97
35) 1-Chlorobutane	10.81	56	961767	24.01	ug/l	98
36) 1,1,1-Trichloroethane	10.81	97	714279	24.13	ug/l	97
37) 1,1-Dichloropropene	11.10	75	665161	24.47	ug/l	95
38) Cyclohexane	11.24	56	583149	23.52	ug/l	98
39) Carbon Tetrachloride	11.37	117	609515	25.62	ug/l	97
40) Benzene	11.45	78	2336901	24.44	ug/l	100
42) 1,2-Dichloroethane	10.67	62	647187	23.54	ug/l	99
43) Tertiary-amyl methyl ether	11.73	73	1347202	22.98	ug/l	95
44) Trichloroethene	12.46	95	634910	24.04	ug/l	89
45) 1,2-Dichloropropane	12.38	63	632524	24.75	ug/l	99
46) Dibromomethane	12.32	93	540596	23.89	ug/l	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:07 2010 Quant Results File: AQ071210.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration
DataAcq Meth : AQ071210

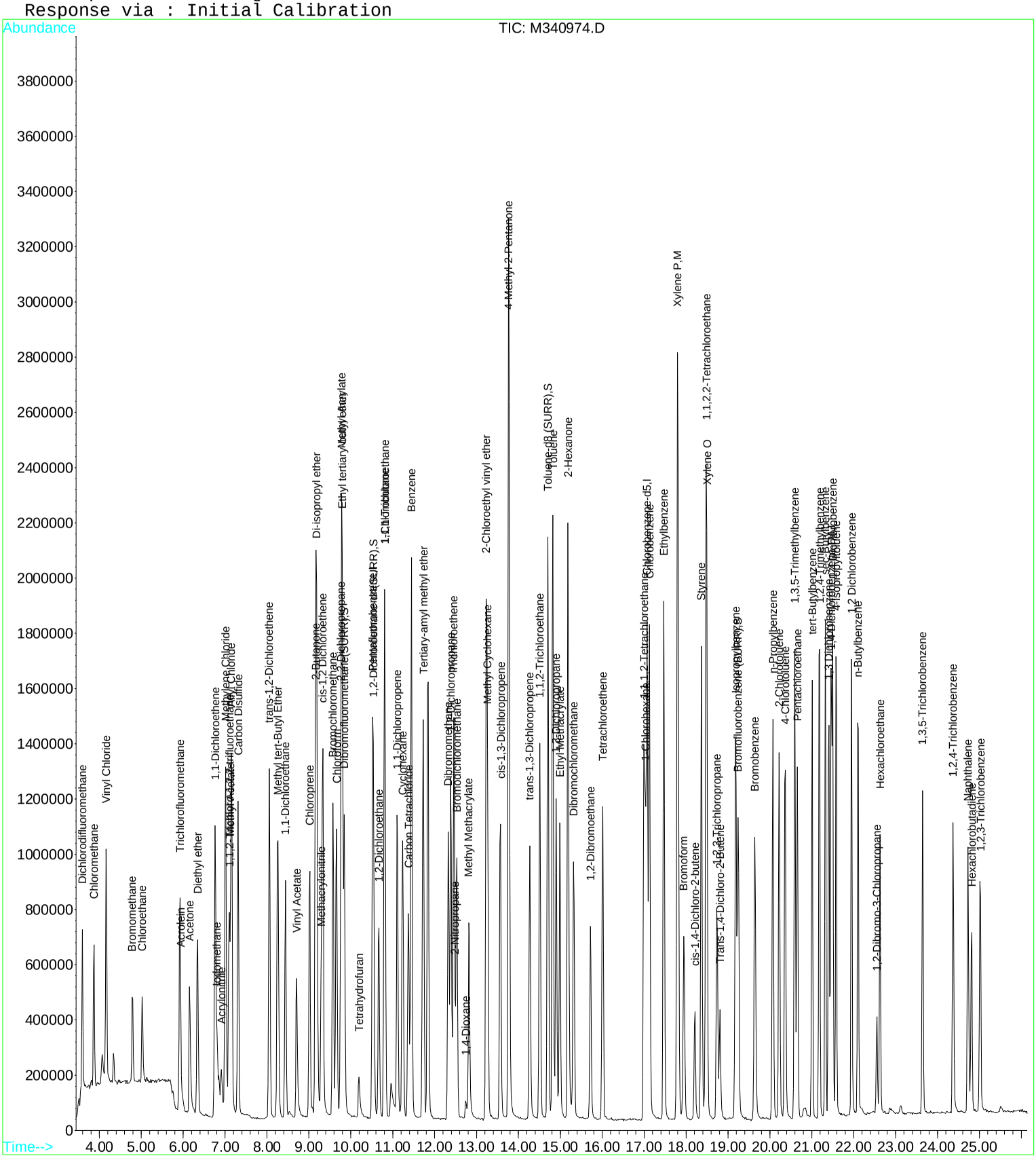
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.49	43	122030	22.95	ug/l		74
48)	Bromodichloromethane	12.53	83	778985	25.10	ug/l		97
49)	1,4-Dioxane	12.74	88	84770	431.57	ug/l		98
50)	Methyl Methacrylate	12.81	41	544643	24.36	ug/l		96
51)	2-Chloroethyl vinyl ether	13.23	63	941001	97.93	ug/l		96
52)	Methyl Cyclohexane	13.26	83	525922	22.74	ug/l		98
53)	4-Methyl-2-Pentanone	13.77	58	1193617	127.98	ug/l		95
54)	cis-1,3-Dichloropropene	13.57	75	879832	25.54	ug/l		96
55)	trans-1,3-Dichloropropene	14.27	75	706754	26.60	ug/l		93
56)	1,1,2-Trichloroethane	14.51	83	530359	24.05	ug/l		99
57)	Toluene	14.82	92	1397779	25.32	ug/l		97
60)	Ethyl Methacrylate	14.99	69	699664	26.84	ug/l		90
61)	2-Hexanone	15.18	43	2262636	133.25	ug/l		97
62)	1,3-Dichloropropane	14.90	76	963533	25.95	ug/l		99
63)	Tetrachloroethene	16.01	164	394129	25.44	ug/l		95
64)	Dibromochloromethane	15.31	129	749728	28.36	ug/l		98
65)	1,2-Dibromoethane	15.71	107	726309	25.49	ug/l		97
66)	1-Chlorohexane	17.04	91	490401	24.52	ug/l		95
67)	Chlorobenzene	17.13	112	1580142	25.61	ug/l		94
68)	1,1,1,2-Tetrachloroethane	16.99	131	543775	26.48	ug/l		99
69)	Ethylbenzene	17.47	91	1971022	25.46	ug/l		98
70)	Xylene P,M	17.80	106	1627521	52.85	ug/l		98
71)	Xylene O	18.50	106	833159	26.03	ug/l		96
72)	Styrene	18.36	104	1417104	25.90	ug/l		98
73)	Bromoform	17.95	173	489009	27.03	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.21	75	157871	24.04	ug/l		98
77)	Trans-1,4-Dichloro-2-Buten	18.81	53	122106	21.84	ug/l		85
78)	1,2,3-Trichloropropane	18.73	75	515093	24.12	ug/l		98
79)	Isopropylbenzene	19.18	105	1630524	25.40	ug/l		99
80)	Bromobenzene	19.64	156	600603	26.24	ug/l		94
81)	1,1,2,2-Tetrachloroethane	18.48	83	817334	25.42	ug/l		99
82)	n-Propylbenzene	20.07	91	1789471	25.49	ug/l		93
83)	2-Chlorotoluene	20.22	91	1168659	25.20	ug/l		97
84)	4-Chlorotoluene	20.37	91	1222315	25.00	ug/l		93
85)	1,3,5-Trimethylbenzene	20.59	105	1280286	25.59	ug/l		98
86)	Pentachloroethane	20.65	119	352446	28.41	ug/l		94
87)	tert-Butylbenzene	21.01	119	1048498	25.57	ug/l		94
88)	1,2,4-Trimethylbenzene	21.19	105	1389375	25.88	ug/l		94
89)	sec-Butylbenzene	21.32	105	1612966	24.90	ug/l		94
90)	1,3 Dichlorobenzene	21.41	146	866469	25.02	ug/l		97
91)	4-Isopropyltoluene	21.58	119	1339482	24.92	ug/l		98
92)	1,4 Dichlorobenzene	21.50	146	974447	25.68	ug/l		96
93)	n-Butylbenzene	22.10	91	1148902	24.41	ug/l		96
94)	1,2 Dichlorobenzene	21.95	146	871593	25.13	ug/l		96
95)	1,2-Dibromo-3-Chloropropan	22.56	75	85858	24.03	ug/l	#	54
96)	Hexachloroethane	22.63	117	281915	26.56	ug/l		94
97)	1,3,5-Trichlorobenzene	23.64	180	523877	22.90	ug/l		98
98)	1,2,4-Trichlorobenzene	24.37	180	494129	23.31	ug/l		97
99)	Hexachlorobutadiene	24.82	225	210591	21.56	ug/l		98
100)	Naphthalene	24.73	128	1151726	23.05	ug/l		100
101)	1,2,3-Trichlorobenzene	25.03	180	452928	23.60	ug/l		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG0810\MG081610\M340974.D Vial: 2
Acq On : 16 Aug 2010 8:54 am Operator: MD
Sample : CTH0104-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:07 2010 Quant Results File: AQ071210.RES

Method : C:\HPCHEM\1\METHODS\AQ071210.M (RTE Integrator)
Title : ELEMENT ID: 1007010
Last Update : Mon Aug 09 09:40:42 2010
Response via : Initial Calibration



VOA
Logbooks

1008128: 8260B PPM RF

1008109: 8021B/8260B PIB MA-MSD Halogenated CLD 8/16/10

1008142: 8260B PPM RF (J-Pks)

VOA Analysis Map

Analysis 1008155: 624/8260B PIB

ESS Work Order/Samples see analysis

ESS Sample ID	Instr	Directory[1]	File #	Dilt	Batch	Sequence	Cal #	Man Integ'n-Init/Date	RPT	Comments
1008109-01	MS-3	MS081210	40928	1X	CH01208	CTH0087	1007010	MS 8/16/10	✓	
1008128-02	↓	↓	30	↓	↓	↓	↓	↓	↓	
-03			31							
1008142-01			32							
-02			33							
-03			34							
-04			35							
-06			36	↓						
-07			38	1X						
1008109-01AE1			40	10X						
CH01208-MS1			41	1X						OH09062 2µl 5-1 1008142-03
CH01208-MSD1			42	↓						OH09062 3µl 5-1 1008142-03
1008155-02	↓	↓	46	↓	↓	↓	↓	↓	↓	
-03	MS-3	MS081210	46	1X	CH01208	CTH0087	1007010	MS 8/16/10	✓	
1008128-01	MS-3	MS-081310	40963	1X	CH01314	CTH0092	1007010	MS 8/16/10	✓	
1008142-06	↓	↓	65	1X	↓	↓	↓	↓	↓	
1008155-02AE1	MS-3	MS-081310	69	10X	CH01314	CTH0092	1007010	MS 8/16/10	✓	

MDP 8/17/10

MDP

MDP

MDP

MDP

MDP

Comments[2]: Bromomethane 73% CL) in CTH0087-CAL1 Some compounds failed in MS/MSD.
2-CEVE 73% CL) in LCSS.

@ 1008142-01: pH 72

VOC Spike ID: OH09062 **Spike Amount** 2µl **Final Volume:** 5ml

Analyst: MS **Date:** 8/16/10 **Reviewed by:** CD 8/17/10 (second review includes a check and approval of manual integrations)

1. Q:/ VOA/"instr"/
Control #20.0027-0901

2. All QC compliant unless otherwise noted.

MDP 8/17/10

VOA Analysis Map

Analysis psl

ESS Work Order/Samples psl

ESS Sample ID	Instr	Directory[1]	File #	Dilt	Batch	Sequence	Cal #	Man Integ'n-Init/Date	RPT	Comments
1008142-03A	ms-3	v6o81610	40984	20x	C1101616	CT10104	1007010	mr 8/16/10	✓	
-04RE1	↓	↓	85	20x	↓	↓	↓	↓	↓	
-05RE1			83	10x						
-08			81	1x						
-09			82	1x						
-09RE1	↓	↓	86	10x	↓	↓	↓	↓	↓	
-10	ms-3	v6o81610	80	1x	C1101616	CT10104	1007010	mr 8/16/10	✓	

MDP ↓ MDP

Comments[2]:

psl

VOC Spike ID: _____ Spike Amount _____ Final Volume: _____

Analyst: mr Date: 8/16/10 Reviewed by MDP 8/17/10 (second review includes a check and approval of manual integrations)

1. Q:/ VOA/"instr"/ 2. All QC compliant unless otherwise noted.

Control #20.0027-0901

MDP 8/17/10

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
8/11/10	12	M3 40917	Test Blk	AG071210		"
"	13	M3 18	Test Blk	"		"
8/11/10	14	M3 19	1008143-02	"	pH 2	"
8/12/10	1	M3 20	CTH0087- TM1		CH12038	
	2	M3 21	CTH0087- CM1		CH12039	
	3	M3 22	CH01208- BS1		CH09062 20 µl 150 ml	
	4	M3 23	CH01208- BSD1		CH09062 20 µl 150 ml	
	5	M3 24	Test Blk			
	6	M3 25	Test Blk			
	7	M3 26	CH01208- BLK1			
	8	M3 27	1008088-06		pH 2	
	9	M3 28	1008109-01		pH 10 X pH 2	
	10	M3 29	1008128-01		pH - carry pH 2	
	11	M3 30	" -02		pH 2	
	12	M3 31	" -03		pH 2	
	13	M3 32	1008142-01		pH 2	"
8/12/10	14	M3 33	" -02	AG071210	pH 2	"

Run Sequence Confirmation _____

Control Number 20.0020-1002A

All Standards must be noted with a primary or secondary ID

Surrogate: OC38034

On-column IS: OC38036

Page _____

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
8/12/10	15	M3 40 934	1008142-03	AB071210	Needs ~~20X~~ 10X PHR	
	16	M3 35	"		Needs 50X PHR	
	17	M3 36	"		~~Re-run for Carry over~~ 8/16/10 PHR	
	18	M3 37	"		↓ re-carry PHR	
	19	M3 38	"		Needs 10X - Straight carry PHR	
	20	M3 39	1008177-01 ~~-08~~ MR 12/10		PHR	
	21	M3 40	~~1008169-01AE1 Test Blk 09~~ MR 12/10		10X PHR	
	22	M3 41	CH01208-RS1		CH01062 40µl local PHR 1008142-03	
	23	M3 42	CH01208-MS1		CH01062 40µl local PHR 1008142-03	
	24	M3 43	Test Blk			
	25	M3 44	Test Blk			
	26	M3 45	1008155-03		PHR	
	27	M3 46	"		Needs 10X PHR	
	28	M3 47	Test Blk			
8/12/10	29	M3 48	Test Blk	AB071210		
		M3				
		M3				

Run Sequence Confirmation

Surrogate: CC-28034

Control Number 20.0020-1002A

On-column IS: CC-28036

All Standards must be noted with a primary or secondary ID

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
8/13/10	1	M3 40949	CTH0092-TCLP1	AQ 07/2/10	~~OH16041~~ 8/16/10 OH16041	
	2	M3 50	↓ -TCLP1		~~OH16042~~ ~~OH16043~~ 8/17/10 OH16042	
	3	M3 51	CH05314-DS1		OH05065 20µl 150µl	
	4	M3 52	↓ -DS01		OH05065 20µl 150µl	
	5	M3 53	TB			
	6	M3 54	TB			
	7	M3 55	CH01314-BLK1		✓	
	8	M3 56	1008177-01		100x ✓ pH<2	
	9	M3 57	1008177-01		~~10x~~ 8/17/10 ✓ pH<2	
	10	M3 58	TB			
	11	M3 60	CH05065-BLK1		TCLP 5x ✓ CH01323-BLK1	
	12	M3 59	1008152-01		100x TCLP Run before blank (060) 8/17/10 pH<2 ✓	
	13	M3 61	TB			
	14	M3 62	TB			
	15	M3 63	1008128-01		pH<2	
	16	M3 64	1008142-05		N/A pH<2	
	17	M3 65	1008142-06		pH<2	

Run Sequence Confirmation

Control Number 20.0020-1002A

All Standards must be noted with a primary or secondary ID

Surrogate: 062803A

On-column IS: 062803C

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
8/13/10	18	M3 409 66	1008142-07REI	MA071210	10X RR 10X pH2	
	19	M3 17	1008142-03REI		50X RR 20X pH2	
	20	M3 18	1008142-04REI		50X RR 20X pH2	
	21	M3 69	1008155-02REI		10X ✓ pH2	
	22	M3 70	1008142-07		RR pH2	
✓	23	M3 71	TB			
8/13/10	24	M3 72	TB	MA071210		
8/16/10	1	M3 73	CTH0104-TLN1		CTH1643	
	2	M3 74	CTH0104-CEN		CTH1644	
	3	M3 75	CTH1616-BS1		CTH0962 20µl 1502	
	4	M3 76	CTH1616-BS01		CTH0962 20µl 1502	
	5	M3 77	TestBlk			
	6	M3 78	TestBlk			
	7	M3 79	CTH1616-BLK1			
	8	M3 80	1008142-10		pH2	
	9	M3 81	-08		pH2	
8/16/10	10	M3 82	-09	MA071210	pH2 pH72	

Run Sequence Confirmation

Surrogate: CC78034

Control Number 20.0020-1002A

On-column IS: CC78036

All Standards must be noted with a primary or secondary ID

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ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
8/16/10	11	M3 40983	1008142-07RE1	AG071210	10X pH12	
	12	M3 84	-03RE1		20X pH12	
	13	M3 85	-04RE1		20X pH12	
	14	M3 86	-09RE1		10X pH12 ~~no title pH12~~	
	15	M3 87	1008200-01			
	16	M3 88	-02			
	17	M3 89	-03			
	18	M3 90	-04			
	19	M3 91	1008215-02			
	20	M3 92	-01			
	21	M3 93	TestBlk			
	22	M3 94	CH01616- MS1		CH09062 40µl/10ml 1008200-01	
8/16/10	23	M3 96	CH01616- MSD1	AG071210	CH09062 40µl/10ml 1008200-01	
		M3				
		M3				
		M3				
		M3				

Run Sequence Confirmation

Surrogate: OC 28074

Control Number 20.0020-1002A

On-column IS: OC 28076

All Standards must be noted with a primary or secondary ID

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
7/9/10	14	M3 0458	1007079-03	Aa03010	pH12	no
	15	M3 59	-04		pH12	
	16	M3 60	-05		pH12	
	17	M3 61	1007081-01RE1		10X pH12	
	18	M3 62	-02RE1		10X pH12	
	19	M3 63	-03RE1		10X pH12	
	20	M3 64	CG-0090101-MS1		OG07059 40µl/10ml pH12 1007079-02	
7/9/10	21	M3 65	CG-0090101-MSD1	Aa03010	OG07059 43µl/10ml pH12 1007079-02	no
7/12/10	1	M3 66	CTG0064- TUNE		OG12039	
	2	M3 67	CTG0064- CAL1		OG12040	
	3	M3 68	CTG0064- CAL2		OG12041	
	4	M3 69	CTG0064- CAL3		OG12042	
	5	M3 70	CTG0064- CAL4		OG12043	
	6	M3 71	CTG0064- CAL5		OG12044	
	7	M3 72	CTG0064- CAL6		OG12045	
	8	M3 73	CTG0064- CAL7		OG12046	
7/12/10	9	M3 74	TestBlk	Aa03010		no

Run Sequence Confirmation _____

Control Number 20.0020-1002A

All Standards must be noted with a primary or secondary ID

Surrogate: OF21075

On-column IS: OF21077

Page _____

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
7/12/10	10	M3 40475	TestBlk	AR063010		no
7/12/10	11	M3 76	CTE0064-SUV1	AR071210	0612047	no
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				
		M3				

Run Sequence Confirmation

Surrogate: OF21075

On-column IS: OF21077

Control Number 20.0020-1002A

All Standards must be noted with a primary or secondary ID

Page

(3)

HOLDING TIME SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 1008142

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
GWMW239	08/09/10 13:05	08/10/10 15:45	08/12/10 08:00	2.79	14.00	08/12/10 14:42	3.07	14.00	
GWMW240	08/09/10 13:35	08/10/10 15:45	08/12/10 08:00	2.77	14.00	08/12/10 15:14	3.07	14.00	
GWMW236s	08/09/10 15:50	08/10/10 15:45	08/12/10 08:00	2.67	14.00	08/12/10 15:46	3.00	14.00	
GWMW236s	08/09/10 15:50	08/10/10 15:45	08/16/10 08:00	6.67	14.00	08/16/10 14:14	6.93	14.00	
GWMW236s Dup	08/09/10 15:50	08/10/10 15:45	08/12/10 08:00	2.67	14.00	08/12/10 16:19	3.02	14.00	
GWMW236s Dup	08/09/10 15:50	08/10/10 15:45	08/16/10 08:00	6.67	14.00	08/16/10 14:46	6.96	14.00	
GWMW 236D	08/09/10 16:55	08/10/10 15:45	08/12/10 08:00	2.63	14.00	08/12/10 16:51	3.00	14.00	
GWMW242	08/10/10 09:00	08/10/10 15:45	08/13/10 08:00	2.96	14.00	08/13/10 19:48	3.45	14.00	
GWMW241	08/10/10 11:50	08/10/10 15:45	08/12/10 08:00	1.84	14.00	08/12/10 17:55	2.25	14.00	
GWMW241	08/10/10 11:50	08/10/10 15:45	08/16/10 08:00	5.84	14.00	08/16/10 13:42	6.08	14.00	
GWMW238D	08/10/10 14:30	08/10/10 15:45	08/16/10 08:00	5.73	14.00	08/16/10 12:38	5.92	14.00	
GWMW238S	08/10/10 14:50	08/10/10 15:45	08/16/10 08:00	5.72	14.00	08/16/10 13:10	5.93	14.00	
GWMW238S	08/10/10 14:50	08/10/10 15:45	08/16/10 08:00	5.72	14.00	08/16/10 15:18	6.02	14.00	
GWTB01	08/10/10 00:00	08/10/10 15:45	08/16/10 08:00	6.33	14.00	08/16/10 12:06	6.50	14.00	

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 10080142
Date Project Due: 8/17/10
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **5.4**		16. Are ESS labels on correct containers?	Yes/No
Iced With: **Icepacks**		17. Were samples received intact?	Yes/No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL
3	Yes	40 ml - VOA	3	HCL
4	Yes	40 ml - VOA	3	HCL
5	Yes	40 ml - VOA	3	HCL
6	Yes	40 ml - VOA	3	HCL
7	Yes	40 ml - VOA	3	HCL
8	Yes	40 ml - VOA	3	HCL
9	Yes	40 ml - VOA	3	HCL
10	Yes	40 ml - VOA	3	HCL
11	Yes	40 ml - VOA	3	HCL
12	Yes	40 ml - VOA	2	HCL

LAS 8/10/10 39

Completed By: LAS Date/Time: 8/10/10
Reviewed By: _____ Date/Time: 8/10/10

010080142-10
Preservative: HCL
010000000374879

010080142-11
Preservative: HCL
010000000374880

010080142-11
Preservative: HCL
010000000374881

010080142-11
Preservative: HCL
010000000374882

010080142-12
Preservative: HCL
010000000374883

010080142-12
Preservative: HCL
010000000374884

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ____

Is this project for any of the following:
MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA

ESS LAB PROJECT ID: 100812

Electronic Deliverable: Yes X No ____

Format: Excel __ Access __ PDF __ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Mactec Engineering + Consulting	3650100169 3650170	Textron Gorham

Contact Person	Address
Dave Heislein (BM)	107 Audubon Rd. Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeislein@mactec.com

Circle and/or Write Required Analysis

ESS LAB Sample #	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 624 VOA / 524.2	8021 MTBE/BTEX / 8015 GRO / VPH w/ranges	8100 TPH / 8015 DRO	EPH w/o PAHs / EPH w/PAHs / EPH 4 Diesel	8081 Pesticides PCB / 8082 PCB / 608 Pesticides / 608 PCB	8270 SVOA / 625 / PAH 8270	RCRA5 RCRA8 PP13 / TAL23	TCLP-RCRA8 / NBC7	MCP-METALS (13) / MCP-METALS (13) w/Hg
01	8/9/10	13:05		X	GW	GWMW239	2	3	V	X								
02	8/9/10	13:35		X	GW	GWMW240	2	3	V	X								
03	8/9/10	15:50		X	GW	GWMW236S	2	3	V	X								
04	8/9/10	15:50		X	GW	GWMW236SDup	2	3	V	X								
03 ~~05~~	8/9/10	15:50		X	GW	GWMW236SMS	2	3	V	X								
03 ~~06~~	8/9/10	15:50		X	GW	GWMW236SMSD	2	3	V	X								
05 ~~07~~	8/9/10	16:55		X	GW	GWMW236D	2	3	V	X								
06 ~~08~~	8/10/10	09:00		X	GW	~~GWMW241~~ GWMW242	2	3	V	X								
07 ~~09~~	8/10/10	11:50		X	GW	GWMW241	2	3	V	X								
08 ~~10~~	8/10/10	14:30		X	GW	GWMW238D	2	3	V	X								

Container Type: P-Poly G-Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No Internal Use Only

Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup

Cooler Temp: 5.4 [ ] Technicians ____

Preservation Code 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark Maggiore	8/10/10 15:45		8/10/10 1545				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B

ESS Laboratory

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185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ____

Is this project for any of the following:
MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA

ESS LAB PROJECT ID: 100842

Electronic Deliverable: Yes ✓ No ____

Format: Excel __ Access __ PDF __ Other ✓EDA

Co. Name	Project #	Project Name (20 Char. or less)
Maclea Engineering & Consulting	36500100169	Textron Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd. Bldg Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6605		

ESS LAB Sample #	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 624 524.2 VOA	8021 8015 MTBE/BTEX GRO VPH w/targets	8100 8015 TPH DRO	EPH w/o PAHs EPH w/PAHs EPH 4 Diesel	8081 Pesticides 8082 PCB 608 Pesticides 608 PCB	8270 625 PAH SVOA 8270	RCRA5 RCRA8 PP13 TAL23	TCLP-RCRA8 NBC7	MCP-METALS (13) w/Hg MCP-METALS (13)					
09	8/10/10	14:50		X	GW	GWMW238S	2	3	✓	X													
10	8/10/10	15:00		X	GW	GWTB01	2	2	✓	X													

Circle and/or Write Required Analysis

Container Type: P-Poly G-Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No Internal Use Only

Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup

Cooler Temp: 5.4 [ ] Technicians ____

Preservation Code 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark Maggiore	8/10/10 15:45		8/10/10 1545				

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B