

**SSD/SVE SYSTEM
NYSDEC Site Number 1-03-169
Former Chez Valet Dry Cleaners
1-3 Manorhaven Boulevard
Port Washington, NY 11050**

Progress Report

Submitted 1/29/2013

**Time Period
1/2012 to 12/28/2012**

The purpose of this report will be to generally outline work efforts conducted and remedial progress at the above referenced site for the time period indicated.

1. Summary of Highlights - This Reporting Period

- The Sub Slab Depressurization System (SSD)/ Soil Venting and Extraction (SVE) system continues operation and has been operational since 2/7/2011. Except for minimum downtime during June 2012 (summer thunderstorm) and November 2012 (Hurricane Sandy), system has been operational virtually full-time exceeding 99% uptime.
- CY 2012 PID readings continued to show non-detect through 5/3/12 when a more sensitive meter capable of ppb detection limits was utilized. [Note PID calibrated with 100 ppm isobutylene prior to taking measurements.] On 8/24 and 9/28 some elevated PID readings were seen though they were likely caused by new asphalt pavement being placed around the building. Given that the PID readings are general in nature and that the displayed reading is the sum total of all of the VOC's in the sample, and the probable cause being fresh laid asphalt it is unlikely that the PID spike represents an increase in PCE which is not a component in the manufacture of asphalt. Even with these anomalous elevated readings we suspect that the PCE levels will be below SCG guidelines in any future analysis.
- Severn Trent Environmental Services (STES) has continued long-term operations and maintenance of the system since 5/16/2011.
 - o Continued monitoring has identified that sub slab depressurization system continues to maintain appropriate negative pressures. Monitoring is performed in accordance with STES prepared Standard Operating Procedures for this site. (Attachment A)
 - o STES conducted site visits on 1/25, 2/29, 3/27, 5/1, 5/3, 6/9, 7/12, 8/24, 9/28, and 12/28, to verify that sub slab vacuums is sustained and the remedial system is properly balanced and maintained.
 - o AHL conducted site visits on 9/27 and 11/14 to verify system is operational and to log in system run time.
- ROD Required Indoor Air and Soil Vapor Monitoring

In order to monitor the effectiveness of the system, periodic monitoring of the soil vapor and indoor air quality is required to comply with the requirements of the Record of

Decision (ROD) executed for the site with the NYSDEC. In accordance with an approved protocol by NYSDEC, this monitoring event took place between March 27 and March 30, 2012. Please see Appendix 1 for the complete report.

In general the findings of the report stated:

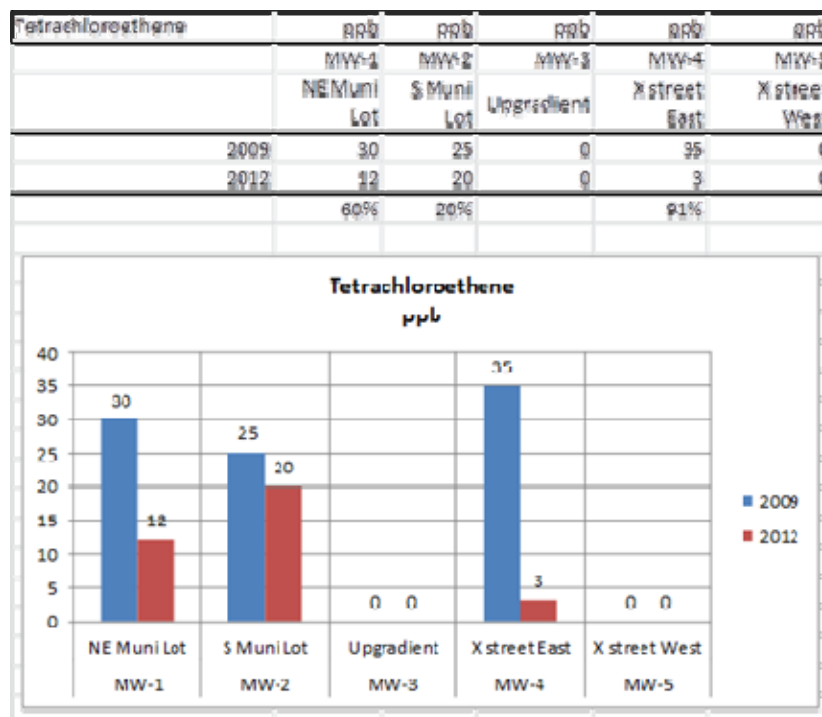
- o The constituent of concern at the site is tetrachloroethene, (PCE). PCE and none of the breakdown products of PCE showed up in any of the indoor air sampling events.
- o The level of PCE in the Carbon Influent has dropped from 882.05 $\mu\text{g}/\text{m}^3$ (2/11) to 140 $\mu\text{g}/\text{m}^3$ (4/11) and then to 41 $\mu\text{g}/\text{m}^3$ during the aforementioned sampling event.
- o 41 $\mu\text{g}/\text{m}^3$ brings the PCE level below the 100 $\mu\text{g}/\text{m}^3$ soil vapor Standard Criteria and Guidance Value (SCG).
- o PCE is non-detect on the system discharge as the activated carbon system is successful in adsorbing the constituent of concern.

- **ROD Required Groundwater Monitoring**

In order to monitor the effectiveness of the system, periodic monitoring of the groundwater is required to comply with the requirements of the Record of Decision (ROD) executed for the site with the NYSDEC. In accordance with an approved protocol by NYSDEC, this sampling event took place on April 3, 2012. Please see Appendix 2 for the complete report.

In general the findings of the report stated that:

- o the results indicate that there has been a moderate reduction of target compounds in MW-1 and MW-2, and a significant reduction in and W-4.
- o MW-3 and MW-5 did not have a detectable level Of Tetrachloroethene.
- o MW-1 and MW-2 continued to be above the SCG for Tetrachloroethene with 12 and 20 $\mu\text{g}/\text{L}$ respectively.



- Site survey discrepancy.
 - o A review by the NYSDEC of the Draft Environmental Easement documents identified that the survey plan prepared for the Draft Environmental Easement differed from the verbal description of metes and bounds presented in the title for the property. NYSDEC requested that AHL contact the surveyor to recheck information.
 - o AHL contacted Robert Dooley, Esq., of The Law Office of Frederick Eisenbud, THE Environmental Law Firm, who prepared a Draft Environmental Easement and requested that this information be checked.
 - o AHL received revise survey from Robert Dooley Esq. on October, 24 2012. This was forwarded to NYSDEC on 1/2/2013. (File was inadvertently placed in AHL email spam folder).
- Draft Environmental Easement
 - o Robert Dooley, Esq., was contacted on 1/23/2013 regarding the status of the Draft Environmental Easement. Mr. Dooley reported that he had been in contact with Ben Conlon of NYSDEC on 1/17/2013 inquiring about review status.
 - o NYSDEC reported on that date that they have everything required for a complete review and that the approval of the Draft Environmental Easement is “pending”.

2. Work Performed This Reporting Period (STES)

- General operating information. **New tasks executed after the last reporting period are presented in bold.** (Please refer to Attachment C – to see copy of field notes).

Date	Vacuum Point Readings	Vacuum Gauge readings	PID Readings @ Carbon	Blower elapsed time Readings	Comments
12/28/12	X	X	X	X	Basement light found to be burned out (location of SVE/SSD system). Replaced by STES. Plugs installed in all vapor points other than those inside the salon. (Salon busy & full of clientele.)
9/28/12	X	X	X	X	Header valve #6 was found opened. [AHL comment – The valves are typically not moved as they are set to a certain position to balance out the vacuums over the areas of concern. These valves are difficult to manipulate and would take a conscious effort to move.] STES noted that before resetting the valves the vacuum reading was 12 inches of H2O. After resetting the valves to the correct position vacuum immediately returned to 20 inches of H2O. VP-2 was again found open. After discussions with AHL, STES instructed to replace all sampling valves and barbs with plugs. Plugs can be removed during monitoring efforts and will prevent valve manipulation or breakage.

Date	Vacuum Point Readings	Vacuum Gauge readings	PID Readings @ Carbon	Blower elapsed time Readings	Comments
8/24/12	X	X	X	X	- The parking lot on the side and in front of the building has been repaved with new asphalt. - Town is working on sidewalks and what appears to be some utility work in front of the building. - STES is assuming that these two activities have had an impact on the vacuum readings as well as PID readings. 401 ppb is still a very small number but it is significantly higher than previous readings. STES suspects that the high PID readings are from the new asphalt and that these readings will drop in future monitoring events.
7/12/12	X	X	X	X	VP-1 and VP-3 barbs broken. Valve on VP-5 was again found open.
6/9/12	X	X	X	X	Was not able to get reading from VP-6 due to damaged barb on sample port
5/3/12			X		Site revisited to take PID readings due to failed meter on 5/1/12
5/1/12	X	X		X	- Rented PID meter failed have to calibration an attempted infield. Replacement PID being sent, return to site required to take readings. - VP- 5 valve was in the open position & hose Barb was damaged again. Damaged hose Barb was removed and upon inspection STES found a "core plywood" in the barb. It appears that a sheet of plywood was dropped on the monitoring point.
3/27/12	X	X	X	X	- Vapor samples collected from SVE/SSD System (Carbon Influent & Carbon System Discharge) - STES determines that are more sensitive PID is available that can read to ppb levels whereas existing unit needs to ppm level. Due to continued low concentration levels, was sensitive PID unit will be rented for next monthly monitoring event
2/29/12	X	X	X	X	System Operating Normally

Date	Vacuum Point Readings	Vacuum Gauge readings	PID Readings @ Carbon	Blower elapsed time Readings	Comments
1/25/2012	X	X	X	X	- Inspected MW-1, MW-2 and MW-3. - MW-2 did not have well, temporarily covered with duct tape. Repair to be done during next site visit - MW-4 and MW-5 not located due to high activity level of heavy equipment in area
12/28/11	X	X	X	X	- Small crack on discharge pipe of the primary carbon vessel. - Temporary repairs were made. - PID readings appear to indicate that soil vapor in the capture zone has reached non-detect levels.
11/23/11	X	X	X	X	System Operating Normally
10/31/11	X	X	X		System Operating Normally

3. Summary of Historical Data

This section will review and trend the historical data at the site. Three primary areas will be discussed:

- a. Post Start-Up Sub Slab Vacuums.
 - b. Vacuum Gauge Settings & Miscellaneous System Information.
 - c. Elapsed Time And Runtime Calculations
 - d. Carbon Drum Readings
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- a. Post Start-Up Sub Slab Vacuums (please refer to Attachment B)
 - i) Description of Attachments:
 - Page 1 of 4: represents a table that summarizes the field measured sub slab vacuums. All vacuum readings less than or equal to -0.024 are shaded green all vacuums >-0.025 are shaded in red. This shading allows us to monitor which vacuums are becoming marginal thus necessitating readjustment of system balancing.
 - Page 2 of 4: location plan for all the vapor points and well locations.
 - Page 3 of 4: graphically shows sub slab vacuums over the period of operations. Note all readings are relatively consistent other than those measured on 7/28/11. After reviewing field data, calibration techniques & barometric pressures for all sampling data and comparing them, we cannot explain the variability of the readings on this day. This data will be kept in the log but will not be utilize an overall trending.
 - Page 4 of 4: similar to page 3 other than the graph is represented by lines versus bars.
 - ii) Observations
 - All vapor points continue to maintain a negative vacuum.
 - The Eastern most vapor points VP-5, VP-6 and VP-7 have shown decreasing vacuums from 7/12 monitoring event. During this time frame they were numerous hose barbs reported broken or open (5/1 & 7/12 monitoring reports) and a header valve #6 was reported open 9/28. These events would have impacted system vacuum balance. In addition, In addition, STES reports utility work and parking lot repaving during this time frame. Although header valve #6 has been reset and the vapor points hose barbs replaced by plugs (to avoid breakage) the system may need some time to rebalance. If necessary header valves will be modulated to achieve a higher vacuum pressure in these areas.
 - b. Vacuum Gauge Settings & Miscellaneous System Information (please refer to Attachment C)
 - i) Description of Attachments:
 - Page 1 and 2 of 5: summarizes the vacuum gauge readings taken at each lateral off the header (page 1) as well as vacuum readings at the relative vapor points located near that particular lateral (page 2).
 - Page 3 of 5: location plan for all the vapor points and well locations.
 - Page 4 of 5: graphically presents vacuum readings at the header laterals (bars) versus vacuum readings at the associated vapor points (lines). This graphic was prepared in order to determine how the site was balancing at the vapor points and what affect the vacuum at the lateral had on the final vacuum at the vapor points.

- Page 5 of 5: graphically represents the vacuum in the Knockout Pot (in. Hg) as well as the average vacuum in the distribution header located at the vacuum pump (in. H₂O) and average vacuum at all vapor points (in. H₂O).

c. Elapsed Time and Runtime Calculations. (Please refer to Attachment D)

Description of Attachments:

This table summarizes the run time meter readings after 5/24/11, the date and time STES installed the hour meter on the system. Through 12/28/12 system is achieving operating times in excess of 99%.

d. Carbon Drum Readings (please refer to Attachment E)

i) Description of Attachments:

This table and graph summarize PID readings taken:

- Before the air phase carbon treatment vessels = Pre Carbon.
- Between the primary air phase carbon vessel and the secondary air phase carbon vessel = Mid Carbon.
- After the final air phase carbon treatment system or exhaust = Post Carbon.
- In addition the blower discharge velocity measurements taken at the air phase carbon treatment vessels is represented by the "purple" line graph.

Monthly site monitoring includes taking PID measurements of the exhaust to ensure that the drums will be changed out an ample time should break through occur.

ii) Observations

- Note – readings beginning 5/3/12 were taking with field meter capable of measuring ppb levels.
- "Pre-Carbon" readings on 8/24/2012 and 9/28/2012 were elevated, but did not exceed the SCG guideline of 100 µg/m³. Although these readings were elevated, STES believes that it was due to new asphalt paving surrounding approximately 50% of the building perimeter.

4. Problems Encountered & Proposed Resolutions

- No major system operational problems were encountered other than concerns over the security of the SVE/SSD system. During multiple site visits it was evident that equipment and sampling port valves had been manipulated and in some cases sampling ports were damaged due to activities in the "North Room". Owner was advised and a locking door was placed on the access stairs leading to the SVE/SSD as well as the back entrance to the "North Room" where some of the vapor points are installed. Keys were provided to STES and AHL to allow access for monitoring purposes.

5. Expected Work During the Next Progress Period

- Continued monitoring of site operations on a quarterly basis

ATTACHMENT A

STES

Standard Operating Procedures
for

NYSDEC Site Number 1-03-169
Former Chez Valet Dry Cleaners
1-3 Manorhaven Boulevard
Port Washington, NY 11050

STES
Standard Operating Procedures
for
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Required Equipment

1. Photoionization Detector (PID) – with Calibration Kit
2. Three Tedlar Bags
3. Anemometer – to measure Carbon System Discharge Flow Rate
4. Dywer Digital Monometer - 0.0000 to -4.0000 inches Water range
5. Chez Valet SSDS/SVE System Monitoring Sheet

Procedure - Monthly Site Visit

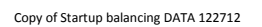
1. Notify engineer prior to scheduling Site visit
2. Notify Evergreen Salon at least 48 hours before site visit
3. Upon arrival locate the Onsite Logbook (located on girder above primary Vapor Phase Carbon Vessel).
4. Log in the date, time, Weather and operator initials – note any other individuals onsite
5. Calibrate PID
6. Collect readings from; Influent to Primary Carbon Vessel, Influent to Secondary Carbon Vessel, and Carbon System Effluent.
7. Log the readings in Logbook and LogSheet
8. Collect blower elapsed time readings – log in both logbook and logsheet – note elapsed time reading AND time of Day reading taken.
9. Collect Vacuum Gauge readings from Header and Knock-Out Pot.
10. Collect background PID Readings from Basement and Parking Lot outside basement entrance
11. Collect Vacuum readings from Vacuum points.
12. Review data.
 - a. Contact Engineer if there are anomalies, or if any part of the system is damaged or requires repair
13. In the event that any SSD/SVE system adjustments are made, recollect Vacuum Point and Vacuum Gauge readings
14. Transfer all Readings and Notes to Chez Valet SSDS/SVE sheet
15. Sign out and put Onsite logbook back in its place
16. Tell Evergreen that STES is leaving Site
17. Take Equipment (PID, Velocity Meter and Monometer) and leave site.
18. Upon arrival at office enter data into electronic spreadsheet and electronically transmit data/report to Engineer.

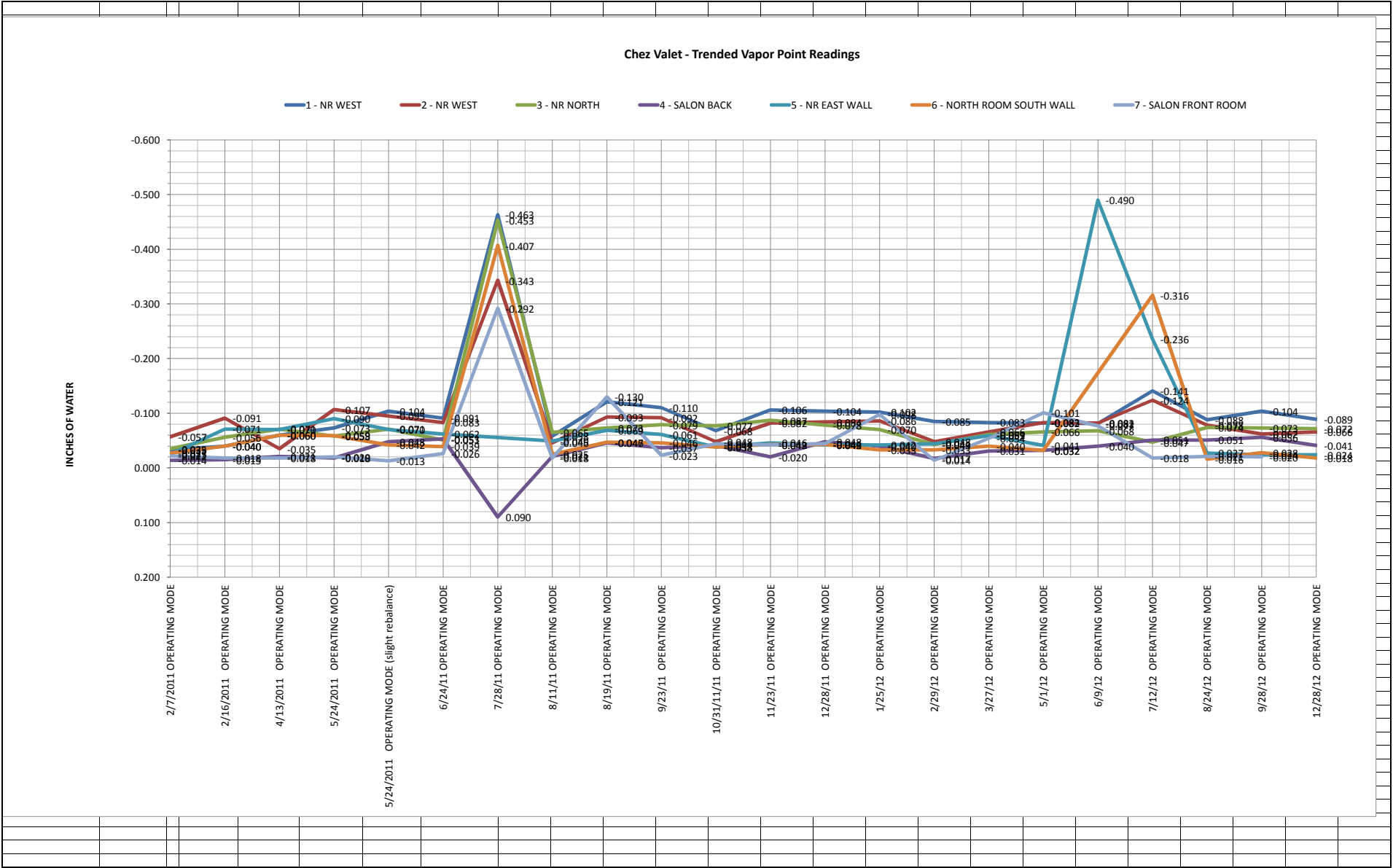
ATTACHMENT B

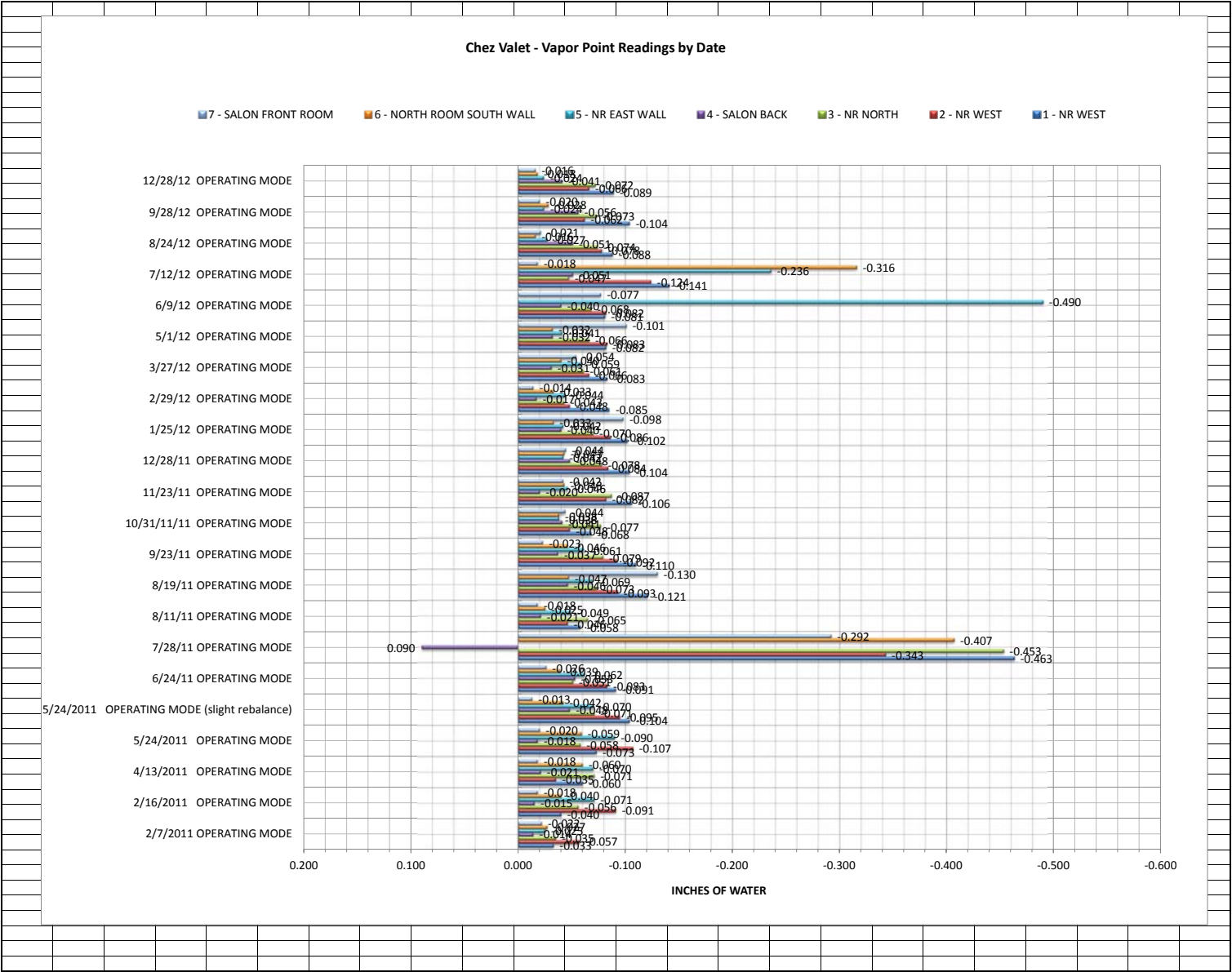
POST START UP VACUUM RESULTS

Chez Valet

			2/7/2011 OPERATING MODE	2/16/2011 OPERATING MODE	4/13/2011 OPERATING MODE	5/24/2011 OPERATING MODE	5/24/2011 OPERATING MODE (slight rebalance)	6/24/11 OPERATING MODE	7/28/11 OPERATING MODE	8/11/11 OPERATING MODE	8/19/11 OPERATING MODE	9/23/11 OPERATING MODE	10/31/11/11 OPERATING MODE	11/23/11 OPERATING MODE	12/28/11 OPERATING MODE	1/25/12 OPERATING MODE	2/29/12 OPERATING MODE	3/27/12 OPERATING MODE	5/1/12 OPERATING MODE	6/9/12 OPERATING MODE	7/12/12 OPERATING MODE	8/24/12 OPERATING MODE	9/28/12 OPERATING MODE	12/28/12 OPERATING MODE
Vapor Point Designation	Location	C (vert well) closed all other Salon wells open wide. North room all valves open very small amount.																						
1 - NR WEST	NORTH ROOM		-0.033	-0.040	-0.060	-0.073	-0.104	-0.091	-0.463	-0.058	-0.121	-0.110	-0.068	-0.106	-0.104	-0.102	-0.085	-0.083	-0.082	-0.081	-0.141	-0.088	-0.104	-0.089
2 - NR WEST	NORTH ROOM		-0.057	-0.091	-0.035	-0.107	-0.095	-0.083	-0.343	-0.046	-0.093	-0.092	-0.048	-0.082	-0.084	-0.086	-0.048	-0.066	-0.083	-0.082	-0.124	-0.078	-0.062	-0.066
3 - NR NORTH	NORTH ROOM		-0.035	-0.056	-0.071	-0.058	-0.071	-0.051	-0.453	-0.065	-0.073	-0.079	-0.077	-0.087	-0.078	-0.070	-0.043	-0.061	-0.066	-0.068	-0.047	-0.074	-0.073	-0.072
4 - SALON BACK	S - BACK		-0.014	-0.015	-0.021	-0.018	-0.048	-0.053	0.090	-0.021	-0.046	-0.037	-0.041	-0.020	-0.048	-0.040	-0.017	-0.031	-0.032	-0.040	-0.051	-0.051	-0.056	-0.041
5 - NR EAST WALL	NORTH ROOM		-0.025	-0.071	-0.070	-0.090	-0.070	-0.062		-0.049	-0.069	-0.061	-0.038	-0.046	-0.042	-0.042	-0.044	-0.059	-0.041	-0.490	-0.236	-0.027	-0.024	-0.024
6 - NORTH ROOM SOUTH WALL	NORTH ROOM		-0.027	-0.040	-0.060	-0.059	-0.042	-0.039	-0.407	-0.025	-0.047	-0.046	-0.038	-0.043	-0.043	-0.033	-0.033	-0.040	-0.032		-0.316	-0.016	-0.028	-0.018
7 - SALON FRONT ROOM	S - FRONT		-0.022	-0.018	-0.018	-0.020	-0.013	-0.026	-0.292	-0.018	-0.130	-0.023	-0.044	-0.042	-0.044	-0.098	-0.014	-0.054	-0.101	-0.077	-0.018	-0.021	-0.020	-0.016
-0.025	LESS THAN OR EQUAL TO -0.024																							
-0.023	GREATER THAN -0.025																							
NR =	NORTH ROOM																							
S =	SALON																							







ATTACHMENT C

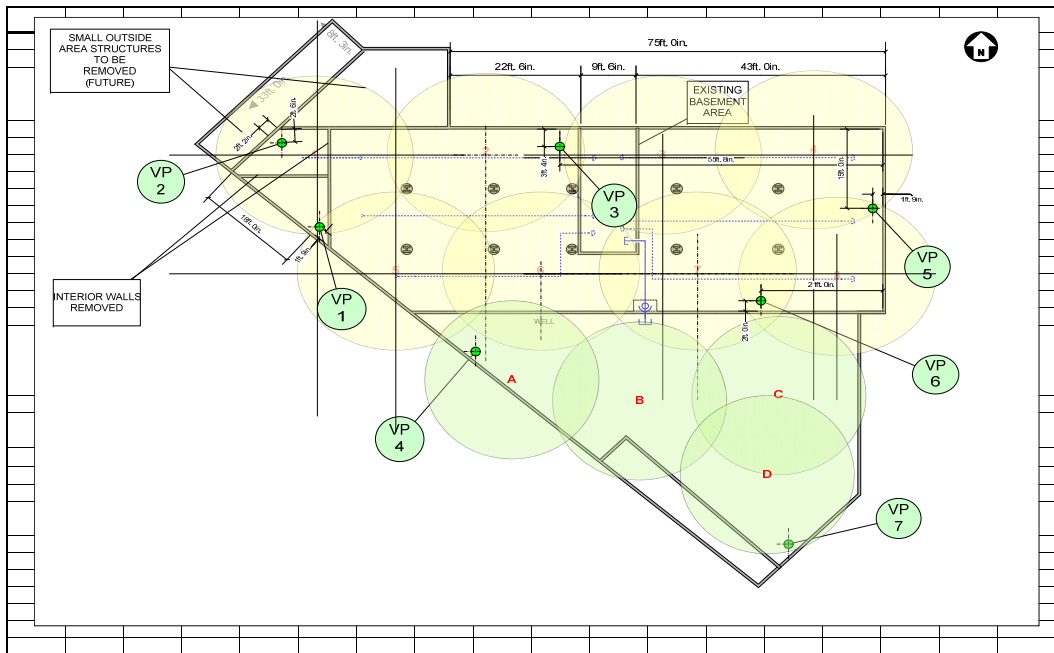
VACUUM GAUGE SETTINGS
&
MISCELLANEOUS SYSTEM INFORMATION
Chez Valet

Comparison of Vacuum Measured at Distribution Header Versus Relative Vapor Point Measurements.

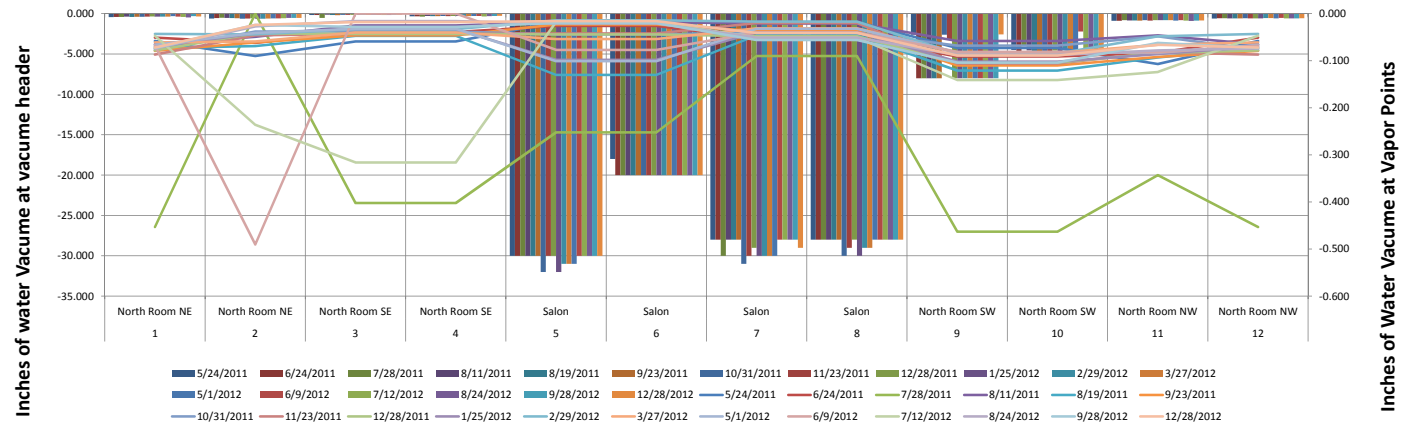
	DATE	5/24/2011	6/24/2011	7/28/2011	8/11/2011	8/19/2011	9/23/2011	10/31/2011	11/23/2011	12/28/2011	1/25/2012	2/29/2012	3/27/2012	5/1/2012	6/9/2012	7/12/2012	8/24/2012	9/28/2012	12/28/2012	
Valve Number	Location	Vacuum reading at distribution header specific to lateral being controlled.																		
1	North Room NE	-0.395	-0.430	-0.410	-0.407	-0.371	-0.399	-0.395	-0.394	-0.366	-0.355	-0.372	-0.363	-0.371	-0.310	-0.373	-0.416	-0.463	-0.311	-0.340
2	North Room NE	-0.557	-0.600	-0.550	-0.511	-0.533	-0.542	-0.557	-0.626	-0.609	-0.571	-0.653	-0.635	-0.615	-0.579	-0.582	-0.567	-0.535	-0.525	-0.532
3	North Room SE	-0.195	-0.180	-0.180	-0.527	-0.136	-0.163	-0.195	-0.150	-0.155	-0.152	-0.153	-0.139	-0.145	-0.155	-0.143	-0.179	-0.161	-0.131	-0.126
4	North Room SE	-0.308	-0.330	-0.330	-0.360	-0.290	-0.309	-0.308	-0.289	-0.301	-0.294	-0.293	-0.301	-0.311	-0.297	-0.299	-0.344	-0.313	-0.297	-0.272
5	Salon	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-32.000	-30.000	-30.000	-32.000	-31.000	-31.000	-31.000	-30.000	-30.000	-30.000	-30.000	-30.000
6	Salon	-20.000	-18.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000	-20.000
7	Salon	-28.000	-28.000	-28.000	-30.000	-28.000	-28.000	-28.000	-31.000	-30.000	-29.000	-30.000	-30.000	-30.000	-30.000	-28.000	-28.000	-28.000	-28.000	-29.000
8	Salon	-28.000	-28.000	-28.000	-28.000	-28.000	-28.000	-28.000	-30.000	-29.000	-28.000	-30.000	-29.000	-29.000	-28.000	-28.000	-28.000	-28.000	-28.000	-28.000
9	North Room SW	-8.000	-2.600	-8.000	-8.000	-8.000	-8.000	-8.000	-2.602	-3.157	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-2.566
10	North Room SW	-4.631	-4.500	-4.670	-4.000	-4.550	-4.621	-4.631	-4.617	-4.618	-4.577	-4.605	-4.529	-4.647	-4.600	-2.210	-4.650	-4.506	-4.503	-4.691
11	North Room NW	-0.871	-0.880	-0.880	-0.801	-0.838	-0.845	-0.871	-0.812	-0.865	-0.813	-0.814	-0.805	-0.804	-0.871	-0.810	-0.874	-0.905	-0.872	-0.840
12	North Room NW	-0.591	-0.600	-0.570	-0.571	-0.579	-0.592	-0.591	-0.560	-0.595	-0.577	-0.583	-0.554	-0.554	-0.591	-0.533	-0.595	-0.594	-0.582	-0.569
	Avg. Vacuum @ Header (in H ₂ O)		-9.510	-10.133	-10.265	-10.108	-10.123	-10.129	-10.254	-9.972	-10.195	-10.623	-10.444	-10.454	-10.367	-9.913	-10.135	-10.123	-10.102	-9.745
Knockout pot reading	Hg"		-26	-28	-6.5	-8	-8	-7.25	-3.5	-7	-5	-3	-3.5	-4	-6.5	-8	-11	-10	-10	-4
	H ₂ O"		-353.496	-380.688	-88.374	-108.768	-108.768	-98.571	-47.586	-95.172	-67.98	-40.788	-47.586	-54.384	-88.374	-108.768	-149.556	-135.96	-135.96	-54.384
		VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP
Vapor Point Number		5/24/2011	6/24/2011	7/28/2011	8/11/2011	8/19/2011	9/23/2011	10/31/2011	11/23/2011	12/28/2011	1/25/2012	2/29/2012	3/27/2012	5/1/2012	6/9/2012	7/12/2012	8/24/2012	9/28/2012	12/28/2012	
1		-0.073	-0.091	-0.463	-0.058	-0.121	-0.110	-0.068	-0.106	-0.104	-0.102	-0.085	-0.083	-0.082	-0.081	-0.141	-0.088	-0.104	-0.089	
2		-0.107	-0.083	-0.343	-0.046	-0.093	-0.092	-0.048	-0.082	-0.084	-0.086	-0.048	-0.066	-0.083	-0.082	-0.124	-0.078	-0.062	-0.066	
3		-0.058	-0.051	-0.453	-0.065	-0.073	-0.079	-0.077	-0.087	-0.078	-0.070	-0.043	-0.061	-0.066	-0.068	-0.047	-0.074	-0.073	-0.072	
4		-0.018	-0.053	-0.090	-0.021	-0.046	-0.037	-0.041	-0.020	-0.048	-0.040	-0.017	-0.031	-0.032	-0.040	-0.051	-0.051	-0.056	-0.041	
5		-0.090	-0.062		-0.049	-0.069	-0.061	-0.038	-0.046	-0.042	-0.042	-0.044	-0.059	-0.041	-0.490	-0.236	-0.027	-0.024	-0.024	
6		-0.059	-0.039	-0.402	-0.025	-0.047	-0.046	-0.038	-0.043	-0.043	-0.033	-0.033	-0.040	-0.032		-0.316	-0.016	-0.028	-0.018	
7		-0.018	-0.026	-0.252	-0.018	-0.130	-0.023	-0.044	-0.042	-0.044	-0.098	-0.014	-0.054	-0.101	-0.077	-0.018	-0.021	-0.020	-0.016	

Comparison of Vacuums Measured at Distribution Header Versus Relative Vapor Point Measurements.

[illegible]

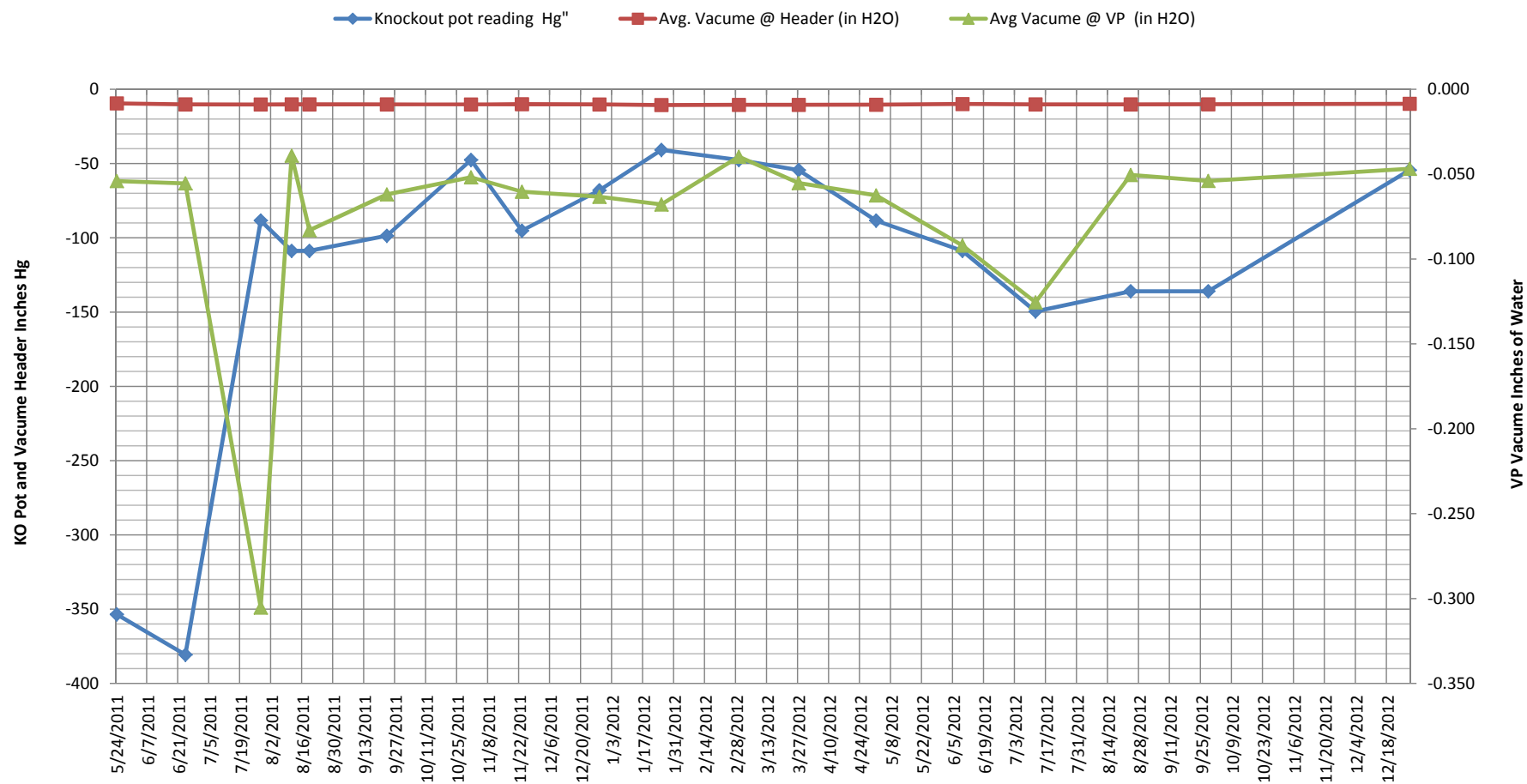


**Vacuum at Each Vapor Extraction Leg (Bars)
vs Related Vapor Point (Lines)**



LOCATION OF VACUME HEADERS / WELLS CORRESPONDING VAPOR POINT LOCATIONS

Knockout Pot, Avg Vacuum Header and Avg Vapor Point Trends



ATTACHMENT D

ELAPSED TIME AND RUNTIME CALCULATIONS Chez Valet

Elapsed Time and Run time calculations

Date @ Time	Meter reading (hours)	Meter Read By	Actual Elapsed Time (hours)	Interval between readings	Interval % runtime	Cumulative % runtime	Days not operating	Comments
5/24/11 9:00	-							
6/24/2011 8:35	743.6	RH	743.6	743.6	100.0%	100.0%		
7/28/2011 7:15	1,555.5	RH	1,558.3	814.7	99.7%	99.8%	0.12	
8/11/2011 7:10	1,890.7	RH	1,894.2	335.9	99.8%	99.8%	0.03	
8/19/11 7:00	2,082.0	RH	2,086.0	191.8	99.7%	99.8%	0.02	
9/23/11 8:20	2,921.0	RH	2,927.3	841.3	99.7%	99.8%	0.10	
11/23/11 7:45	4,379.5	RH	4,390.7	1,463.4	99.7%	99.7%	0.20	
12/28/11 8:00	5,217.5	RH	5,231.0	840.3	99.7%	99.7%	0.09	
1/25/12 7:54	5,887.5	RH	5,902.9	671.9	99.7%	99.7%	0.08	
2/29/12 7:47	6,725.2	RH	6,742.8	839.9	99.7%	99.7%	0.09	
3/27/12 8:00	7,370.7	RH	7,391.0	648.2	99.6%	99.7%	0.11	
5/1/12 10:23	8,210.8	RH	8,233.4	842.4	99.7%	99.7%	0.10	
5/3/12 8:03	8,256.3	RH	8,279.1	45.7	99.6%	99.7%	0.01	
6/9/2012 7:36	9,117.1	RH	9,166.6	933.2	97.1%	99.5%	1.12	Summer thunder Storm
7/12/2012 9:10	9,932.4	RH	9,960.2	793.6	102.7%	99.7%	-0.91	
8/24/2012 8:15	10,960.7	RH	10,991.3	1,031.1	99.7%	99.7%	0.12	
9/27/2012 12:25	11,778.7	AHL	11,811.4	820.2	99.7%	99.7%	0.09	
9/28/2012 9:00	11,799.2	RH	11,832.0	20.6	99.6%	99.7%	0.00	
11/14/2012 10:30	12,856.3	AHL	12,961.5	1,129.5	95.4%	99.2%	2.16	Hurricane Sandy
12/28/2012 9:07	13,908.1	RH	14,016.1	1,054.6	99.7%	99.2%	0.12	

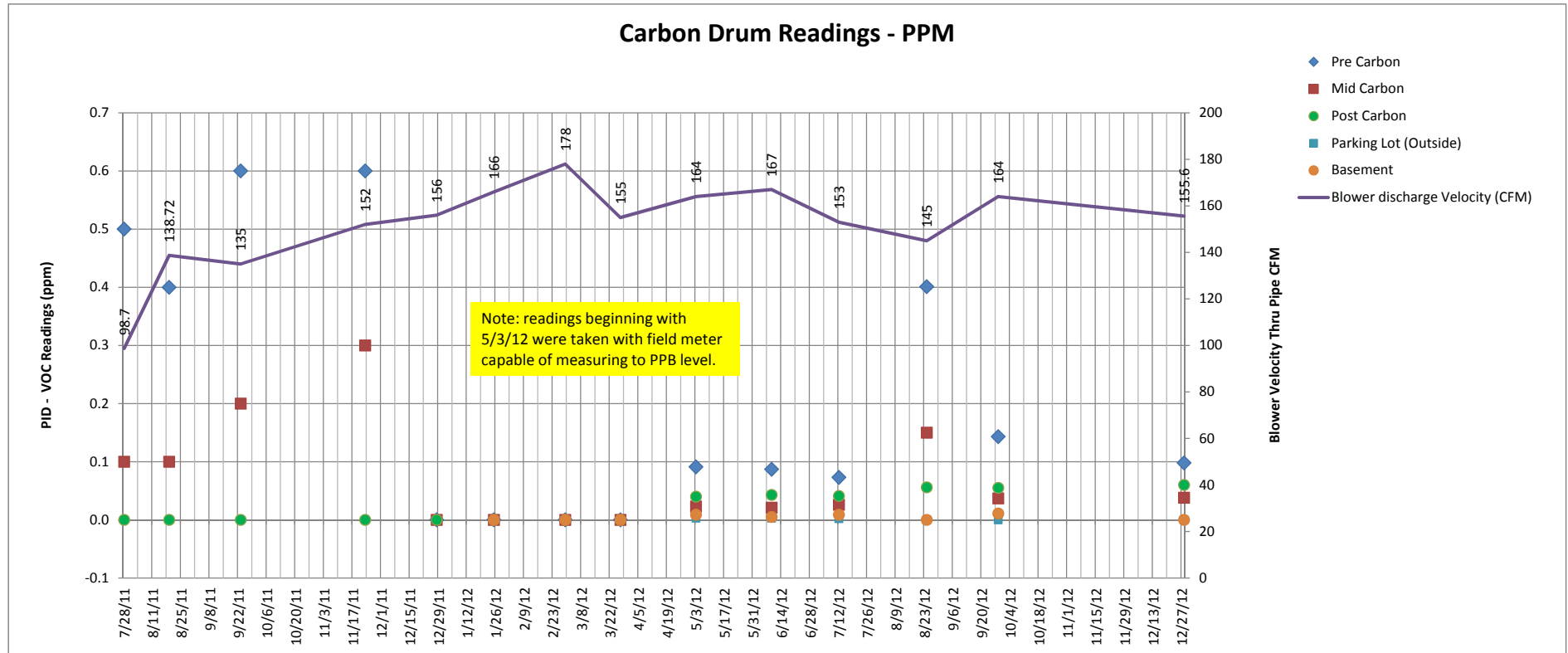
ATTACHMENT E

CARBON DRUM READINGS

Chez Valet

EXHAUST GAS
CARBON DRUM READINGS

Date	7/28/11	8/11/11	8/19/11	9/23/11	11/23/2011	12/28/2011	1/25/2012	2/29/2012	3/27/2012	5/3/2012	6/9/2012	7/12/2012	8/24/2012	9/28/2012	12/28/2012
Blower discharge Velocity (CFM)	98.7		138.72	135	152	156	166	178	155	164	167	153	145	164	155.6
PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)	PID (PPM)
Pre Carbon	0.5		0.4	0.6	0.6	0.0	0.0	0.0	0.0	0.0910	0.0870	0.0730	0.4010	0.1430	0.0980
Mid Carbon	0.1		0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0230	0.0210	0.0260	0.1500	0.0370	0.0380
Post Carbon	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0400	0.0430	0.0410	0.0560	0.0550	0.0600
Parking Lot (Outside)							0.0	0.0	0.0	0.0030	0.0030	0.0020	0.0000	0.0000	0.0000
Basement							0.0	0.0	0.0	0.0090	0.0050	0.0090	0.0000	0.0110	0.0000



Water and Wastewater Systems
Operation and Maintenance

June 6, 2012

Municipal and Industrial

Mr. Bert Brodsky
Owners Representative
BSI, LLC
26 Harbor Park Drive
Port Washington , NY 11050

Meter Reading and Billing

Dear Mr. Brodsky

RE: Evergreen/ Chez Valet Soil Vapor Extraction – Sub Slab
Depressurization System Vapor Sampling Results.

Design/Build/Operate (DBO) Contracts

Severn Trent Environmental Services (STES) has been contracted to operate the Soil Vapor Extraction/Sub-slab Depressurization (SVE/SSD) system at the former Chez Valet Dry Cleaners. In order to monitor the effectiveness of the system periodic monitoring of the soil vapor and indoor air is required to comply with the requirements of the Record of Decision (ROD) executed for the site with the New York State Department of Environmental Conservation (NYSDEC).

Utility Management and Administration

Special Purpose Taxing Districts

Recent field screening of air samples has indicated non-detect levels for the compounds of concern, which could indicate a change in how the system can be operated or possible system shutdown. STES submitted a proposal to have an independent laboratory verify these field measurements, to substantiate results and make them viable for presentation to NYSDEC. STES's proposal to collect samples from both the Carbon Inlet and Carbon System Discharge to comply with these requirements was approved and the resulting efforts are summarized below.

To monitor the efficiency of the system, a Photoionization Meter (PID), is utilized in the field to detect the level of Volatile Organic Compounds, (VOC's) in the system's treatment process. PID readings are taken monthly on the system's inlet and discharge sampling points. For several months we have been getting non-detect readings at both monitoring points indicating that perhaps the system has successfully evacuated the VOC's from the sub slab soil zone, that is, the targeted area. To prove this assumption, NYSDEC requires that samples be collected and formally analyzed by an independent laboratory to verify the results.

In accordance with a protocol approved by NYSDEC, samples were collected using a 6-liter Summa Canister from both locations on March 27th, 2012. At the time the samples were collected, PID readings for both monitoring locations were taken resulting in a reading of 0.0 ppm. The Summa canisters were sent to EuroFins/Air Toxics Laboratories in Folsom, Ca (NY NELAP Certification 11291) and were received by them on March 30th, 2012.

We received the analytical results for the Summa canister samples on April 13, 2012, a copy of the results can be found in Appendix 1 of this report.

Upon receipt of the results we created a table to compare the results against prior system sampling events. Prior sampling events were February 7th 2011 by Advanced Cleanup Technologies, Inc (ACT), and April 6th 2011 by STES. The results from all sampling are displayed in Table 1 attached to this report.

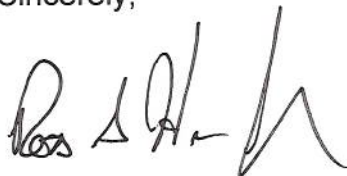
- The constituent of concern at this site is Tetrachloroethene, (PCE) and none of the breakdown products of PCE have shown up in any of the sampling events.
- The level of PCE in the Carbon Influent has dropped from 882.05 ug/m3 in February 2011 to 140 ug/m3 in April 2011 and finally to 41 ug/m3 in this last sampling event.
- This brings the PCE level below the 100 ug/m3 Standard Criteria and Guidance Value (SCG) set by New York State Department of Health's "Guidance for Evaluating Soil and Vapor Intrusion in the State of New York" (October, 2006).
- PCE is non-detect on the system discharge, the Activated Carbon system is Adsorbing our constituent of concern.

The most recent sampling event support the field acquired data, indicating that the targeted area has been remediated of the chemical of concern below the NYSDOH action level of 100 ug/m3.

The following attachments summarize the analytical results gained from the sampling efforts described above. Once you have had the opportunity to review this information, we need to forward it to the NYSDEC case manager for the site.

Should you have any questions or require additional information please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ross Hibler', with a stylized, sweeping flourish at the end.

Ross Hibler
Area Manager
Severn Trent Environmental Services

CC:
David Brodsky
Andy Ledins

Table 1
Chez Valet Dry Cleaners
New York State Superfund Project
Site # 130169

Soil Vapor Extraction - Sub Slab Depressurization System VOC Sampling Results

Compound Analyzed	Carbon Influent									Carbon Effluent								
	2/7/2011			4/6/2011			3/27/2012			2/7/2011			4/6/2011			3/27/2012		
				Dilution Factor 1.36			Dilution Factor 1.46						Dilution factor 1.61			Dilution Factor 1.49		
	Qual	Result	LRL	Qual	Result	RL	Qual	Result	RL	Qual	Result	LRL	Qual	Result	RL	Qual	Result	RL
	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
1,1 Dichloroethane	<		0.41	<		2.8	<		3.0	<		0.41	<		3.2	<		3.0
1,1 Dichloroethene	<		0.40	<		2.7	<		2.9	<		0.40	<		3.2	<		3.0
1,1,1 Trichloroethane	<		0.55	<		3.7	<		4.0	<		0.55	<		4.4	<		4.1
1,1,2 Trichloroethane	<		0.55	<		3.7	<		4.0	<		0.55	<		4.4	<		4.1
1,1,2,2 Tetrachloroethane	<		0.69	<		4.7	<		5.0	<		0.69	<		5.5	<		5.1
1,2 Dibromoethane	<		0.77	<		5.2	<		5.6	<		0.77	<		3.2	<		5.7
1,2 Dichlorobenzene (v)	<		0.60	<		4.1	<		4.4	<		0.60	<		4.8	<		4.5
1,2 Dichloroethane	<		0.41	<		2.8	<		3.0	<		0.41	<		3.2	<		3.0
1,2 Dichloropropane	<		0.46	<		3.1	<		3.4	<		0.46	<		3.7	<		3.4
1,2 Dichlorotetrafluoroethane (Freon 114)	<		0.70	<		4.8	<		5.1	<		0.70	<		5.6	<		5.2
1,2,4 Trimethylbenzene		23.12	0.49	<		3.3	<		3.6		10.82	0.49	<		4.0	<		3.7
1,2,4-Trichlorobenzene		NA		<		20	<		22		NA		<		24	<		22
1,3 Butadiene	<		2.21	<		1.5	<		1.6	<		2.21	<		1.8	<		1.6
1,3 Dichlorobenzene (v)	<		0.60	<		4.1	<		4.4	<		0.60	<		4.8	<		4.5
1,3,5 Trimethylbenzene		7.38	0.49	<		3.3	<		3.6		5.9	0.49	<		4.0	<		3.7
1,4 Dichlorobenzene (v)	<		0.60	<		4.1	<		4.4	<		0.60	<		4.8	<		4.5
1,4 Dioxane	<		3.60	<		9.8	<		10	<		3.60	<		12	<		11
Methyl butyl ketone (2-Hexanone)	<		2.05	<		11	<		12	<		2.05	<		13	<		12
2,2,4 Trimethylpentane	<		0.47		8.0	3.2	<		3.4	<		0.47	<		3.8	<		3.5
3 Chloropropene	<		1.57	<		8.5	<		9.1	<		1.57	<		10	<		9.3
Acetone		11.89	1.19		39	6.5	<		17		35.67	1.19		60	7.6		30	18
Acrylonitrile	<		2.17		NA			NA		<		2.17		NA			NA	
Benzene		1.53	0.32	<		2.2	<		2.3	<		0.32	<		2.6	<		2.4
Benzyl Chloride (alpha-Chlorotoluene)	<		0.52	<		3.5	<		3.8	<		0.52	<		4.2	<		3.8
Bromodichloromethane	<		0.66	<		4.6	<		4.9	<		0.66	<		5.4	<		5.0
Bromoform	<		1.04	<		7.0	<		7.5	<		1.04	<		8.3	<		7.7
Bromomethane	<		0.39	<		2.6	<	J	28	<		0.39	<		3.1	<	J	29
c- 1,2 Dichloroethene	<		0.40	<		2.7	<		2.9	<		0.40	<		3.2	<		3.0
c- 1,3 Dichloropropene	<		0.45	<		3.1	<		3.3	<		0.45	<		3.6	<		3.4
Carbon Disulfide	<		0.31	<		8.5	<		9.1	<		0.31	<		10	<		9.3
Carbon Tetrachloride	<		0.25	<		4.3	<		4.6	<		0.25	<		5.1	<		4.7
Chlorobenzene	<		0.46	<		3.1	<		3.4	<		0.46	<		3.7	<		3.4
Chlorodibromomethane (Dibromochloromethane)	<		0.84	<		5.8	<		6.2	<		0.84	<		6.8	<		6.3
Chloroethane	<		1.32	<		7.2	<		7.7	<		1.32	<		8.5	<		7.9

Table 1
 Chez Valet Dry Cleaners
 New York State Superfund Project
 Site # 130169

Soil Vapor Extraction - Sub Slab Depressurization System VOC Sampling Results

Compound Analyzed	Carbon Influent									Carbon Effluent								
	2/7/2011			4/6/2011			3/27/2012			2/7/2011			4/6/2011			3/27/2012		
				Dilution Factor 1.36			Dilution Factor 1.46						Dilution factor 1.61			Dilution Factor 1.49		
	Qual	Result	LRL	Qual	Result	RL	Qual	Result	RL	Qual	Result	LRL	Qual	Result	RL	Qual	Result	RL
	ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3	
Chloroform	<		0.49	<		3.3	<		3.6	<		0.49	<		3.9	<		3.6
Chloromethane	<		0.41	<		5.6	<		15	<		0.41	<		6.6	<		15
Cumene		NA		<		3.3	<		3.6		NA		<		4.0	<		3.7
Cyclohexane	<		0.69	<		2.3	<		2.5	<		0.69	<		2.8	<		2.6
Dichlorodifluoromethane (Freon 12)	<		0.99		3.9	3.4		4.0	3.6	<		0.99	<		4.0		4.0	3.7
Ethyl Acetate	<		18.01		NA			NA		<		18.01		NA			NA	
Ethyl Alcohol (Ethanol)		90.38	1.88		120	5.1		34	5.5	<		1.88		210	6.1		100	5.6
Ethyl Benzene		2.86	0.43	<		3.0	<		3.2		1.74	0.43	<		3.5	<		3.2
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	<		0.77	<		5.2	<		5.6	<		0.77	<		6.2	<		5.7
Heptane	<		0.82	<		2.8	<		3.0	<		0.82	<		3.3	<		3.0
Hexachlorobutadiene	<		1.07	<		29	<		31	<		1.07	<		34	<		32
Hexane	<		1.06	<		2.4	<		2.6	<		1.06	<		2.8	<		2.6
Isopropyl Alcohol (2-Propanol)	<		12.28		11	6.7		7.2	7.2	<		12.28		10	7.9		15	7.3
m + p Xylene		25.21	0.43	<		3.0	<		3.2		10.87	0.43	<		3.5	<		3.2
Methyl Ethyl Ketone (2-Butanone)		3.83	1.47	<		8.0	<		8.6		8.54	1.47	<		9.5	<		8.8
Methylene Chloride	<		0.35	<		2.4	<		25	<		0.35	<		2.8	<		26
Methylisobutylketone (4-Methyl-2-pentanone)	<		4.10	<		2.8	<		3.0	<		4.10	<		3.3	<		3.0
o Xylene		10.43	0.43	<		3.0	<		3.2		5.22	0.43	<		3.5	<		3.2
p Ethyltoluene (4-Ethyltoluene)		5.40	0.49	<		3.3	<		3.6		5.89	0.49	<		4.0	<		3.7
Propylbenzene		NA		<		3.3	<		3.6		NA		<		4.0	<		3.7
Propylene	<		0.86		NA					<		0.86		NA			NA	
Styrene	<		0.43	<		2.9	<		3.1	<		0.43	<		3.4	<		3.2
t 1,2 Dichloroethene	<		0.40	<		2.7	<		2.9	<		0.40	<		3.2	<		3.0
t 1,3 Dichloropropene	<		0.45	<		3.1	<		3.3	<		0.45	<		3.6	<		3.4
ter. Butyl Methyl Ether (Methyl tert-butyl ether) MTBE	<		0.35	<		2.4	<		2.6	<		0.35	<		2.9	<		2.7
tert. Butyl Alcohol	<		6.06		NA					<		6.06		NA			NA	
Tetrachloroethene		882.05	1.36		140	4.6		41	5.0		4.68	1.36	<		5.5	<		5.0
Tetrahydrofuran		21.51	0.74		5.6	2.0	<		2.2		41.29	0.74		36	2.4	<		2.2
Toluene		5.65	0.38	<		2.6	<		2.8		2.67	0.38	<		3.0	<		2.8
Trichloroethene	<		0.21	<		3.6	<		3.9	<		0.21	<		4.3	<		4.0
Trichlorofluoromethane (Freon 11)	<		0.56	<		3.8	<		4.1	<		0.56	<		4.5	<		4.2
Vinyl Acetate	<		1.76		NA			NA		<		1.76		NA			NA	
Vinyl Bromide	<		0.44		NA			NA		<		0.44		NA			NA	
Vinyl Chloride	<		0.13	<		1.7	<		1.9	<		0.13	<		2.0	<		1.9

**Chez Valet Dry Cleaners
New York State Superfund Project
Site # 130169**

Soil Vapor Extraction - Sub Slab Depressurization System VOC Sampling Results

Compound Analyzed	Carbon Influent									Carbon Effluent								
	2/7/2011			4/6/2011			3/27/2012			2/7/2011			4/6/2011			3/27/2012		
			LRL			RL			RL			LRL			RL			RL
	Qual	Result		Qual	Result		Qual	Result		Qual	Result		Qual	Result		Qual	Result	
	ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3		ug/m3	ug/m3	
1,1 Dichloroethane	<		0.41	<		2.8	<		3.0	<		0.41	<		3.2	<		3.0
1,1 Dichloroethene	<		0.40	<		2.7	<		2.9	<		0.40	<		3.2	<		3.0
1,1,1 Trichloroethane	<		0.55	<		3.7	<		4.0	<		0.55	<		4.4	<		4.1
1,1,2 Trichloroethane	<		0.55	<		3.7	<		4.0	<		0.55	<		4.4	<		4.1
1,1,2,2 Tetrachloroethane	<		0.69	<		4.7	<		5.0	<		0.69	<		5.5	<		5.1
1,2 Dibromoethane	<		0.77	<		5.2	<		5.6	<		0.77	<		3.2	<		5.7
1,2 Dichlorobenzene (v)	<		0.60	<		4.1	<		4.4	<		0.60	<		4.8	<		4.5
1,2 Dichloroethane	<		0.41	<		2.8	<		3.0	<		0.41	<		3.2	<		3.0
1,2 Dichloropropane	<		0.46	<		3.1	<		3.4	<		0.46	<		3.7	<		3.4
1,2 Dichlorotetrafluoroethane (Freon 114)	<		0.70	<		4.8	<		5.1	<		0.70	<		5.6	<		5.2
1,2,4 Trimethylbenzene		23.12	0.49	<		3.3	<		3.6		10.82	0.49	<		4.0	<		3.7
1,2,4-Trichlorobenzene		NA		<		20	<		22		NA		<		24	<		22
1,3 Butadiene	<		2.21	<		1.5	<		1.6	<		2.21	<		1.8	<		1.6
1,3 Dichlorobenzene (v)	<		0.60	<		4.1	<		4.4	<		0.60	<		4.8	<		4.5
1,3,5 Trimethylbenzene		7.38	0.49	<		3.3	<		3.6		5.9	0.49	<		4.0	<		3.7
1,4 Dichlorobenzene (v)	<		0.60	<		4.1	<		4.4	<		0.60	<		4.8	<		4.5
1,4 Dioxane	<		3.60	<		9.8	<		10	<		3.60	<		12	<		11
Methyl butyl ketone (2-Hexanone)	<		2.05	<		11	<		12	<		2.05	<		13	<		12
2,2,4 Trimethylpentane	<		0.47		8.0	3.2	<		3.4	<		0.47	<		3.8	<		3.5
3 Chloropropene	<		1.57	<		8.5	<		9.1	<		1.57	<		10	<		9.3
Acetone		11.89	1.19		39	6.5	<		17		35.67	1.19		60	7.6		30	18
Acrylonitrile	<		2.17		NA		<		NA	<		2.17		NA		<		NA
Benzene		1.53	0.32	<		2.2	<		2.3	<		0.32	<		2.6	<		2.4
Benzyl Chloride (alpha-Chlorotoluene)	<		0.52	<		3.5	<		3.8	<		0.52	<		4.2	<		3.8
Bromodichloromethane	<		0.66	<		4.6	<		4.9	<		0.66	<		5.4	<		5.0
Bromoform	<		1.04	<		7.0	<		7.5	<		1.04	<		8.3	<		7.7
Bromomethane	<		0.39	<		2.6	<	J	28	<		0.39	<		3.1	<	J	29
c- 1,2 Dichloroethene	<		0.40	<		2.7	<		2.9	<		0.40	<		3.2	<		3.0
c- 1,3 Dichloropropene	<		0.45	<		3.1	<		3.3	<		0.45	<		3.6	<		3.4
Carbon Disulfide	<		0.31	<		8.5	<		9.1	<		0.31	<		10	<		9.3
Carbon Tetrachloride	<		0.25	<		4.3	<		4.6	<		0.25	<		5.1	<		4.7
Chlorobenzene	<		0.46	<		3.1	<		3.4	<		0.46	<		3.7	<		3.4
Chlorodibromomethane (Dibromochloromethane)	<		0.84	<		5.8	<		6.2	<		0.84	<		6.8	<		6.3
Chloroethane	<		1.32	<		7.2	<		7.7	<		1.32	<		8.5	<		7.9
Chloroform	<		0.49	<		3.3	<		3.6	<		0.49	<		3.9	<		3.6

**Chez Valet Dry Cleaners
New York State Superfund Project
Site # 130169**

Soil Vapor Extraction - Sub Slab Depressurization System VOC Sampling Results

Compound Analyzed	Carbon Influent									Carbon Effluent								
	2/7/2011			4/6/2011			3/27/2012			2/7/2011			4/6/2011			3/27/2012		
				Dilution Factor 1.36			Dilution Factor 1.46						Dilution factor 1.61			Dilution Factor 1.49		
	Qual	Result	LRL	Qual	Result	RL	Qual	Result	RL	Qual	Result	LRL	Qual	Result	RL	Qual	Result	RL
Chloromethane	<		0.41	<		5.6	<		15	<		0.41	<		6.6	<		15
Cumene		NA		<		3.3	<		3.6		NA		<		4.0	<		3.7
Cyclohexane	<		0.69	<		2.3	<		2.5	<		0.69	<		2.8	<		2.6
Dichlorodifluoromethane (Freon 12)	<		0.99		3.9	3.4		4.0	3.6	<		0.99	<		4.0		4.0	3.7
Ethyl Acetate	<		18.01		NA			NA		<		18.01		NA			NA	
Ethyl Alcohol (Ethanol)		90.38	1.88		120	5.1		34	5.5	<		1.88		210	6.1		100	5.6
Ethyl Benzene		2.86	0.43	<		3.0	<		3.2		1.74	0.43	<		3.5	<		3.2
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	<		0.77	<		5.2	<		5.6	<		0.77	<		6.2	<		5.7
Heptane	<		0.82	<		2.8	<		3.0	<		0.82	<		3.3	<		3.0
Hexachlorobutadiene	<		1.07	<		29	<		31	<		1.07	<		34	<		32
Hexane	<		1.06	<		2.4	<		2.6	<		1.06	<		2.8	<		2.6
Isopropyl Alcohol (2-Propanol)	<		12.28		11	6.7		7.2	7.2	<		12.28		10	7.9		15	7.3
m + p Xylene		25.21	0.43	<		3.0	<		3.2		10.87	0.43	<		3.5	<		3.2
Methyl Ethyl Ketone (2-Butanone)		3.83	1.47	<		8.0	<		8.6		8.54	1.47	<		9.5	<		8.8
Methylene Chloride	<		0.35	<		2.4	<		25	<		0.35	<		2.8	<		26
Methylisobutylketone (4-Methyl-2-pentanone)	<		4.10	<		2.8	<		3.0	<		4.10	<		3.3	<		3.0
o Xylene		10.43	0.43	<		3.0	<		3.2		5.22	0.43	<		3.5	<		3.2
p Ethyltoluene (4-Ethyltoluene)		5.40	0.49	<		3.3	<		3.6		5.89	0.49	<		4.0	<		3.7
Propylbenzene		NA		<		3.3	<		3.6		NA		<		4.0	<		3.7
Propylene	<		0.86		NA					<		0.86		NA			NA	
Styrene	<		0.43	<		2.9	<		3.1	<		0.43	<		3.4	<		3.2
t 1,2 Dichloroethene	<		0.40	<		2.7	<		2.9	<		0.40	<		3.2	<		3.0
t 1,3 Dichloropropene	<		0.45	<		3.1	<		3.3	<		0.45	<		3.6	<		3.4
ter. Butyl Methyl Ether (Methyl tert-butyl ether) MTBE	<		0.35	<		2.4	<		2.6	<		0.35	<		2.9	<		2.7
tert. Butyl Alcohol	<		6.06		NA					<		6.06		NA			NA	
Tetrachloroethene		882.05	1.36		140	4.6		41	5.0		4.68	1.36	<		5.5	<		5.0
Tetrahydrofuran		21.51	0.74		5.6	2.0	<		2.2		41.29	0.74		36	2.4	<		2.2
Toluene		5.65	0.38	<		2.6	<		2.8		2.67	0.38	<		3.0	<		2.8
Trichloroethene	<		0.21	<		3.6	<		3.9	<		0.21	<		4.3	<		4.0
Trichlorofluoromethane (Freon 11)	<		0.56	<		3.8	<		4.1	<		0.56	<		4.5	<		4.2
Vinyl Acetate	<		1.76		NA			NA		<		1.76		NA			NA	
Vinyl Bromide	<		0.44		NA			NA		<		0.44		NA			NA	
Vinyl Chloride	<		0.13	<		1.7	<		1.9	<		0.13	<		2.0	<		1.9

4/13/2012

Mr. Ross Hibler
Severn Trent Services
100 Morris Avenue

Glen Cove NY 11542

Project Name: CHEZ VALET
Project #: 1300
Workorder #: 1203677

Dear Mr. Ross Hibler

The following report includes the data for the above referenced project for sample(s) received on 3/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott
Project Manager

WORK ORDER #: 1203677

Work Order Summary

CLIENT: Mr. Ross Hibler
Severn Trent Services
100 Morris Avenue
Glen Cove, NY 11542

BILL TO: Mr. Ross Hibler
Severn Trent Services
100 Morris Avenue
Glen Cove, NY 11542

PHONE: 516-674-6032

P.O. # 011377

FAX:

PROJECT # 1300 CHEZ VALET

DATE RECEIVED: 03/30/2012

CONTACT: Ausha Scott

DATE COMPLETED: 04/12/2012

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SVE/SSD CARBON EFF	Modified TO-15	3.0 "Hg	5 psi
02A	SVE/SSD CARBON INF	Modified TO-15	2.5 "Hg	5 psi
03A	Lab Blank	Modified TO-15	NA	NA
04A	CCV	Modified TO-15	NA	NA
05A	LCS	Modified TO-15	NA	NA
05AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY:



Laboratory Director

DATE: 04/12/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
Severn Trent Services
Workorder# 1203677

Two 6 Liter Summa Canister samples were received on March 30, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Bromomethane demonstrates variable performance on the TO-15 systems due to interactions with the water management and concentrator sorbent traps. This variability resulted in Bromomethane recoveries in the daily CCV and LCSD outside method and laboratory acceptance criteria. Recoveries were high at 182% for the CCV and 136% for the LCSD. All Bromomethane detections and non-detections from this analytical batch were flagged as estimated values.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE/SSD CARBON EFF

Lab ID#: 1203677-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	0.81	3.7	4.0
Ethanol	3.0	56	5.6	100
Acetone	7.4	13	18	30
2-Propanol	3.0	6.1	7.3	15

Client Sample ID: SVE/SSD CARBON INF

Lab ID#: 1203677-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.73	0.80	3.6	4.0
Ethanol	2.9	18	5.5	34
2-Propanol	2.9	2.9	7.2	7.2
Tetrachloroethene	0.73	6.1	5.0	41



Air Toxics

Client Sample ID: SVE/SSD CARBON EFF

Lab ID#: 1203677-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040320	Date of Collection:	3/27/12 10:15:00 AM
Dil. Factor:	1.49	Date of Analysis:	4/3/12 08:43 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	0.81	3.7	4.0
Freon 114	0.74	Not Detected	5.2	Not Detected
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	Not Detected	1.9	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected J	29	Not Detected J
Chloroethane	3.0	Not Detected	7.9	Not Detected
Freon 11	0.74	Not Detected	4.2	Not Detected
Ethanol	3.0	56	5.6	100
Freon 113	0.74	Not Detected	5.7	Not Detected
1,1-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Acetone	7.4	13	18	30
2-Propanol	3.0	6.1	7.3	15
Carbon Disulfide	3.0	Not Detected	9.3	Not Detected
3-Chloropropene	3.0	Not Detected	9.3	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	8.8	Not Detected
cis-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.74	Not Detected	4.7	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.5	Not Detected
Benzene	0.74	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
trans-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected



Air Toxics

Client Sample ID: SVE/SSD CARBON EFF

Lab ID#: 1203677-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040320	Date of Collection: 3/27/12 10:15:00 AM
Dil. Factor:	1.49	Date of Analysis: 4/3/12 08:43 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Styrene	0.74	Not Detected	3.2	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
Cumene	0.74	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.1	Not Detected
Propylbenzene	0.74	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	77	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: SVE/SSD CARBON INF

Lab ID#: 1203677-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040321	Date of Collection:	3/27/12 10:30:00 AM
Dil. Factor:	1.46	Date of Analysis:	4/3/12 09:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.73	0.80	3.6	4.0
Freon 114	0.73	Not Detected	5.1	Not Detected
Chloromethane	7.3	Not Detected	15	Not Detected
Vinyl Chloride	0.73	Not Detected	1.9	Not Detected
1,3-Butadiene	0.73	Not Detected	1.6	Not Detected
Bromomethane	7.3	Not Detected J	28	Not Detected J
Chloroethane	2.9	Not Detected	7.7	Not Detected
Freon 11	0.73	Not Detected	4.1	Not Detected
Ethanol	2.9	18	5.5	34
Freon 113	0.73	Not Detected	5.6	Not Detected
1,1-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Acetone	7.3	Not Detected	17	Not Detected
2-Propanol	2.9	2.9	7.2	7.2
Carbon Disulfide	2.9	Not Detected	9.1	Not Detected
3-Chloropropene	2.9	Not Detected	9.1	Not Detected
Methylene Chloride	7.3	Not Detected	25	Not Detected
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Hexane	0.73	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.73	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.6	Not Detected
cis-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.73	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Cyclohexane	0.73	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.73	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.73	Not Detected	3.4	Not Detected
Benzene	0.73	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.73	Not Detected	3.0	Not Detected
Heptane	0.73	Not Detected	3.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.73	Not Detected	3.4	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
cis-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
trans-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Tetrachloroethene	0.73	6.1	5.0	41
2-Hexanone	2.9	Not Detected	12	Not Detected



Air Toxics

Client Sample ID: SVE/SSD CARBON INF

Lab ID#: 1203677-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040321	Date of Collection: 3/27/12 10:30:00 AM
Dil. Factor:	1.46	Date of Analysis: 4/3/12 09:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
1,2-Dibromoethane (EDB)	0.73	Not Detected	5.6	Not Detected
Chlorobenzene	0.73	Not Detected	3.4	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Styrene	0.73	Not Detected	3.1	Not Detected
Bromoform	0.73	Not Detected	7.5	Not Detected
Cumene	0.73	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.73	Not Detected	5.0	Not Detected
Propylbenzene	0.73	Not Detected	3.6	Not Detected
4-Ethyltoluene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.73	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	22	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	79	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203677-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040308	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 12:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected J	19	Not Detected J
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 1203677-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040308	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 12:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	80	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203677-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040305	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 10:17 AM

Compound	%Recovery
Freon 12	110
Freon 114	111
Chloromethane	80
Vinyl Chloride	107
1,3-Butadiene	106
Bromomethane	182 Q
Chloroethane	105
Freon 11	111
Ethanol	96
Freon 113	105
1,1-Dichloroethene	104
Acetone	95
2-Propanol	113
Carbon Disulfide	96
3-Chloropropene	112
Methylene Chloride	102
Methyl tert-butyl ether	118
trans-1,2-Dichloroethene	112
Hexane	103
1,1-Dichloroethane	108
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	102
Tetrahydrofuran	103
Chloroform	106
1,1,1-Trichloroethane	110
Cyclohexane	100
Carbon Tetrachloride	110
2,2,4-Trimethylpentane	102
Benzene	98
1,2-Dichloroethane	112
Heptane	99
Trichloroethene	102
1,2-Dichloropropane	102
1,4-Dioxane	102
Bromodichloromethane	108
cis-1,3-Dichloropropene	107
4-Methyl-2-pentanone	92
Toluene	100
trans-1,3-Dichloropropene	122
1,1,2-Trichloroethane	101
Tetrachloroethene	102
2-Hexanone	110

Client Sample ID: CCV

Lab ID#: 1203677-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040305	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 10:17 AM

Compound	%Recovery
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	106
Chlorobenzene	102
Ethyl Benzene	100
m,p-Xylene	100
o-Xylene	101
Styrene	105
Bromoform	108
Cumene	102
1,1,2,2-Tetrachloroethane	102
Propylbenzene	103
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	142 Q
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	108
Hexachlorobutadiene	108

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	83	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: LCS

Lab ID#: 1203677-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 08:49 AM

Compound	%Recovery
Freon 12	113
Freon 114	109
Chloromethane	78
Vinyl Chloride	107
1,3-Butadiene	105
Bromomethane	108
Chloroethane	104
Freon 11	112
Ethanol	89
Freon 113	105
1,1-Dichloroethene	110
Acetone	92
2-Propanol	112
Carbon Disulfide	116
3-Chloropropene	125
Methylene Chloride	102
Methyl tert-butyl ether	109
trans-1,2-Dichloroethene	113
Hexane	101
1,1-Dichloroethane	106
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	101
Tetrahydrofuran	98
Chloroform	107
1,1,1-Trichloroethane	112
Cyclohexane	99
Carbon Tetrachloride	111
2,2,4-Trimethylpentane	99
Benzene	100
1,2-Dichloroethane	116
Heptane	99
Trichloroethene	105
1,2-Dichloropropane	103
1,4-Dioxane	104
Bromodichloromethane	110
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	93
Toluene	100
trans-1,3-Dichloropropene	118
1,1,2-Trichloroethane	118
Tetrachloroethene	100
2-Hexanone	110

Client Sample ID: LCS

Lab ID#: 1203677-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 08:49 AM

Compound	%Recovery
Dibromochloromethane	107
1,2-Dibromoethane (EDB)	107
Chlorobenzene	101
Ethyl Benzene	99
m,p-Xylene	100
o-Xylene	100
Styrene	106
Bromoform	105
Cumene	104
1,1,2,2-Tetrachloroethane	104
Propylbenzene	105
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	148 Q
1,2-Dichlorobenzene	103
1,2,4-Trichlorobenzene	106
Hexachlorobutadiene	104

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	81	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: LCSD

Lab ID#: 1203677-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 09:26 AM

Compound	%Recovery
Freon 12	116
Freon 114	113
Chloromethane	95
Vinyl Chloride	112
1,3-Butadiene	106
Bromomethane	136 Q
Chloroethane	104
Freon 11	114
Ethanol	88
Freon 113	107
1,1-Dichloroethene	113
Acetone	93
2-Propanol	111
Carbon Disulfide	119
3-Chloropropene	130
Methylene Chloride	101
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	126
Hexane	102
1,1-Dichloroethane	109
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	104
Tetrahydrofuran	99
Chloroform	109
1,1,1-Trichloroethane	112
Cyclohexane	101
Carbon Tetrachloride	112
2,2,4-Trimethylpentane	100
Benzene	103
1,2-Dichloroethane	119
Heptane	102
Trichloroethene	108
1,2-Dichloropropane	106
1,4-Dioxane	102
Bromodichloromethane	113
cis-1,3-Dichloropropene	112
4-Methyl-2-pentanone	94
Toluene	104
trans-1,3-Dichloropropene	121
1,1,2-Trichloroethane	103
Tetrachloroethene	102
2-Hexanone	109

Client Sample ID: LCSD

Lab ID#: 1203677-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	o040304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/3/12 09:26 AM

Compound	%Recovery
Dibromochloromethane	109
1,2-Dibromoethane (EDB)	107
Chlorobenzene	104
Ethyl Benzene	102
m,p-Xylene	103
o-Xylene	102
Styrene	108
Bromoform	107
Cumene	106
1,1,2,2-Tetrachloroethane	107
Propylbenzene	108
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	135 Q
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	108
Hexachlorobutadiene	106

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	83	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	102	70-130



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Page ____ of ____

Project Info:

Project Name CHEZ VALET

specify

N₂ He

Gauge cover damaged
upon Receipt

120367

Form 1293 rev.11



Operating
Services

June 6, 2012

Mr. Bert Brodsky
Owners Representative
BSI, LLC
26 Harbor Park Drive
Port Washington, NY 11050

Dear Mr. Brodsky

**RE: Evergreen/ Chez Valet Soil Vapor Extraction – Sub Slab
Depressurization System Groundwater Sampling Results.**

Severn Trent Environmental Services (STES) has been contracted to operate the SVE/SSD system at the former Chez Valet Dry Cleaners. In order to monitor the effectiveness of the system periodic monitoring of the groundwater is required to comply with the requirements of the Record of Decision (ROD) executed for the site with the New York State Department of Environmental Conservation (NYSDEC).

While the remedial system in place is designed to concentrate on the soil vapor beneath the Site Building, we can infer some efficiency of the remedial effort by sampling groundwater from wells surrounding the targeted remedial area. A decrease in concentration of targeted components would indicate that the system has effectively contained the targeted components from migrating from the soil to the Groundwater. An increase in the Targeted Component would indicate that the remedial system failed to contain the plume of targeted components and operational adjustments or system expansion are required.

- Samples were collected from the 5, (five) monitoring wells associated with the site, (Monitoring Wells MW-1 through MW-5) on April 3 2012. See Figure 1.
- Prior to sampling each well was cleared by screening with Photo Ionization Detector, (PID- MiniRae 3000), and sounded for Total well depth and depth to water with a QED Sample Pro water level indicator. All wells were screened at 0.0 PPM, Depth to Groundwater ranged from 6.32 to 8.72 ft.
- The wells were purged utilizing a Geopump 2 Peristaltic Pump and dedicated Polyethylene tubing.



- Dedicated tubing was inserted into each well with the intake set at approximately the midpoint of the screened interval for each well. Due to the diameter of the wells we were not able to continuously monitor the water level, however it was monitored periodically during the stabilization period at each well.
- Groundwater was purged through a Flow through Cell where a Horiba U-52 multimeter continuously monitored the following parameters: pH, Specific Conductivity, Turbidity, Dissolved Oxygen, Temperature, and Oxidation Reduction Potential (ORP).
- Purge water was collected in 5 Gallon pails and screened for VOC's with a PID, if the purge water screened clear it was discharged to ground.

Ground water samples were collected when the water quality parameters reached equilibrium; equilibrium for this sampling event has been set to where:

1. Depth to Water does not go anymore then 0.3 ft below initial water level reading
2. pH reading is ± 0.2 S.U for three consecutive readings
3. Specific Conductivity readings are ± 0.020 mS/cm for three consecutive readings
4. Turbidity readings are 50 NTU's and under and $\pm 10\%$ for three consecutive readings
5. Dissolved Oxygen is ± 0.2 mg/L for three consecutive readings
6. Oxidation Reduction Potential (ORP) is ± 20 mV for three consecutive readings.

Copies of all five monitoring sheets are attached to this report in Appendix-1.

To implement low stress conditions on the targeted sampling zone, the purge rate was kept between 150 and 500 ml/min. After stabilization was achieved, the tubing was removed from the flow through cell, and samples were collected directly from the tubing. Only VOC's samples were collected during this sampling event.

For QA/QC a duplicate sample was collected from MW-5, and a Matrix Spike and Matrix Spike Duplicate were collected from MW-4. A Field Blank sample was collected by running Laboratory provided Deionized (DI) water through 10 feet of the polyethylene tubing to be used for sampling, while the tubing for each well will be dedicated the field blank sample as collected can tell us if the tubing itself will contribute any hits on the analysis. A trip blank was also included.

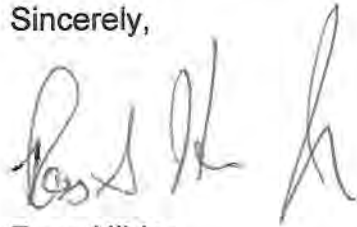
The analytical results are displayed in Table 1 along with the historical samples, collected by Advanced Cleanup Technologies

(ACT) in 2009. The results indicate that there has been moderate reductions in MW-1 and MW-2, and significant reduction in MW-4. MW-3 and MW-5 did not have a detectable level of Tetrachloroethene. MW-1 and 2 continue to be above the SCG for Tetrachloroethene, with hits of 12 and 20 ug/L respectively. A copy of the full laboratory report can be located in Appendix 2 of this report.

The following attachments summarize the analytical results gained from the sampling efforts described above. Once you have had the opportunity to review this information, we need to forward it to the NYSDEC case manager for the site.

Should you have any questions or require additional information please do not hesitate to call me.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Ross Hibler', written in a cursive style.

Ross Hibler
Area Manager
Severn Trent Environmental Services

CC:
David Brodsky
Andy Ledins

MAP of SURVEY

SURVEY OF: BLOCK: 1, LOTS 1-5
FILED MAP: "MAP OF BRANCH HEAVEN, SECTION A",
FILED ON: 09/28/1987 AS AMP No. 893.

LOCATED AT:
PORT WASHINGTON, TOWN OF No. HEMPSTEAD,
COUNTY OF NASSAU, STATE OF NEW YORK

TAX DESIGNATION:

SECTION: 4, BLOCK: 74, LOTS: 1-5

SURVEYED ON: OCTOBER 21, 2011
 AMENDED ON: DECEMBER 02, 2011 (ADDITIONAL MONITORING
 WELLS ADDED)
 CERTIFIED TO: TOWN OF NORTH HEMPSTEAD.

DRAWN BY: M.K. CHECKED BY: A.T.

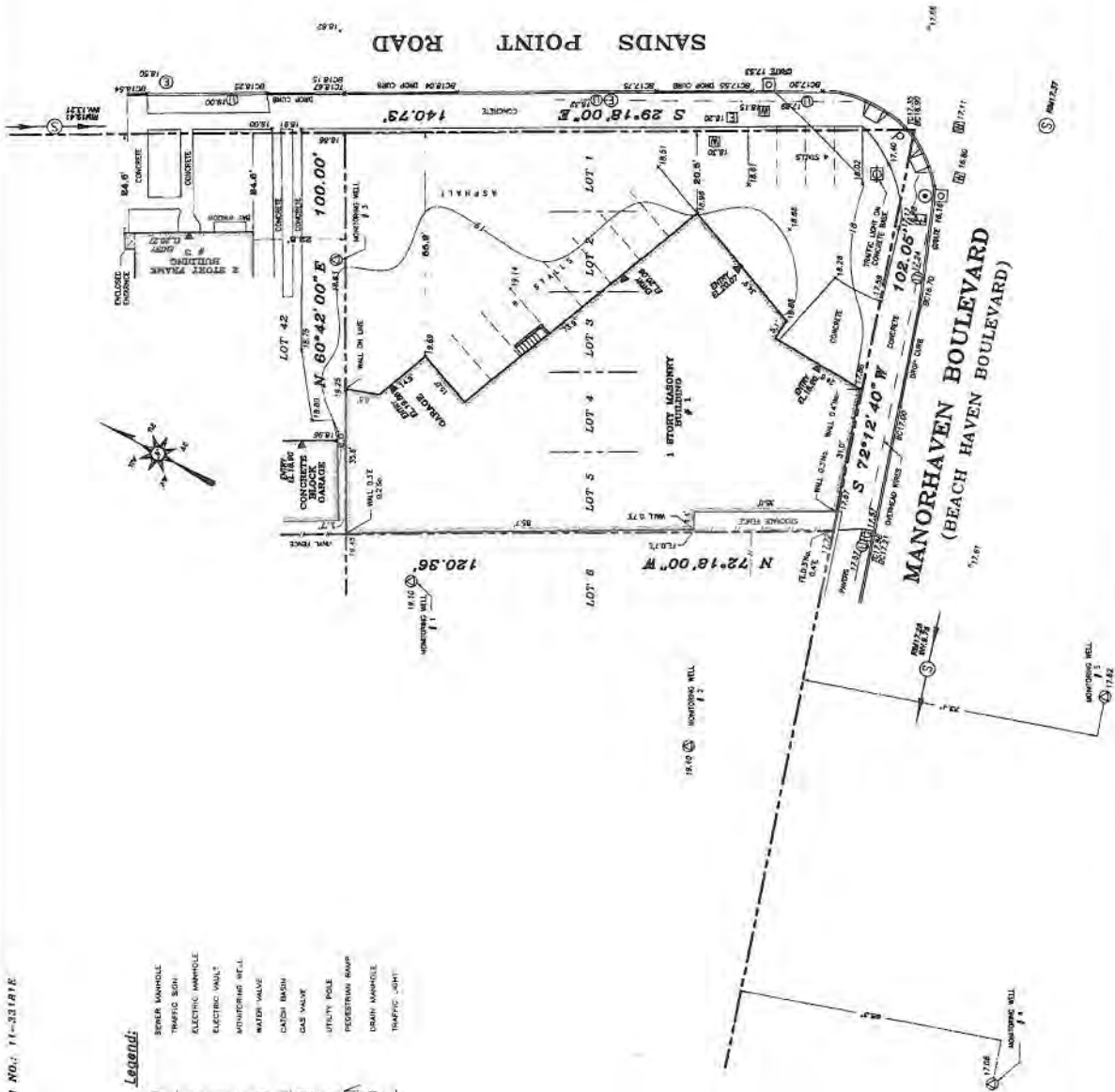
ALEXANDER TEUKERMAN N.Y.S. L.S. No 050160

Scale 1" = 20'

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CONSULTING ENGINEERS AND LAND SURVEYORS, P.C.
22 SMITH STREET, FREEPORT, NY 11520
TEL 516-378-2064 • 212-213-4090 • FAX 516-378-6649
ONE EDGEWATER PLAZA, STATEN ISLAND, NY 10305
TEL 205 • 718-420-9693 • FAX 718-40-9873



**SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542**

MONITORING WELL INFORMATION

Date: 4/3/12 **Sampler:** Ross Hibler
Property Address: Chez Valet, Manorhaven NY

Monitoring Well Characteristics

Well No.	MW-1	Well Diameter: 1 "	Gallons/Ft.	0.04
Depth of Well, (Ft.)			14.26	
Depth to Water, (Ft.)			8.30	
Depth of Water, (Ft.)			5.94	
Volume of Well, (Gals.)			0.219	

Sampling and Purging of Monitoring Wells

Readings	Time	Depth to Water	Purge Rate	pH	Spec C	Turb	DO	Temp	ORP
Initial	1350	8.30	160	6.46	0.451	228	6.29	13.72	212
1	1355		225	6.42	0.426	43	5.31	13.21	223
2	1400		225	6.42	0.392	32.3	5.11	13.16	223
3	1405		225	6.39	0.371	13.2	5.09	12.95	226
4	1410		225	6.36	0.376	12.2	4.89	12.92	230
5	1415	8.52	225	6.35	0.380	12.0	4.79	12.87	233
6									
7									
8									
9									
10									

PID Screening of Purge water - 0.0 ppm

Low Flow Sampling Method

Generated - approximately 2 gallons of purge water

**SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542**

MONITORING WELL INFORMATION

Date: 4/3/12 **Sampler:** Ross Hibler
Property Address: Chez Valet, Manorhaven NY

Monitoring Well Characteristics

Well No.	MW-2	Well Diameter: 1 "	Gallons/Ft. 0.04
Depth of Well, (Ft.)		13.61	
Depth to Water, (Ft.)		8.72	
Depth of Water, (Ft.)		4.89	
Volume of Well, (Gals.)		.1956	

Sampling and Purging of Monitoring Wells

Readings	Time	Depth to Water	Purge Rate	pH	Spec C	Turb	DO	Temp	ORP
Initial	1435	8.72	200	6.51	0.380	300	5.09	13.15	180
1	1440		200	6.46	0.376	202	4.29	13.15	184
2	1445		200	6.46	0.344	88.2	3.59	13.23	186
3	1450	8.78	200	6.46	0.327	48.3	3.48	13.20	187
4	1455		200	6.46	0.323	46.1	3.45	13.20	187
5	1500	8.81	200	6.45	0.321	44.1	3.54	13.22	188
6									
7									
8									
9									
10									

PID Screening of Purge water - 0.0 ppm

Low Flow Sampling Method

Generated - approximately 2 gallons of purge water

**SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542**

MONITORING WELL INFORMATION

Date: 4/3/12 **Sampler:** Ross Hibler
Property Address: Chez Valet, Manorhaven NY

Monitoring Well Characteristics

Well No.	MW-3	Well Diameter: 1 "	Gallons/Ft. 0.04
Depth of Well, (Ft.)		13.90	
Depth to Water, (Ft.)		8.22	
Depth of Water, (Ft.)		5.68	
Volume of Well, (Gals.)		.2272	

Sampling and Purging of Monitoring Wells

Readings	Time	Depth to Water	Purge Rate	pH	Spec C	Turb	DO	Temp	ORP
Initial	1235	8.22	200	7.14	0.705	0.0	5.93	14.35	120
1	1240		200	6.90	0.606	0.0	4.22	14.25	228
2	1245		200	5.99	0.761	0.0	4.20	14.65	226
3	1250	8.29	200	6.18	0.717	0.0	5.94	14.23	229
4	1255		200	6.25	0.671	1	6.74	14.14	234
5	1300		200	6.29	0.664	20	6.13	14.14	242
6	1305	8.35	200	6.30	0.660	20	6.30	14.27	246
7	1310		200	6.30	0.586	22	6.00	14.30	247
8	1315		200	6.31	0.589	21	5.99	14.32	248
9	1320	8.41	200	6.30	0.587	19	6.00	14.32	246
10									

PID Screening of Purge water - 0.0 ppm

Low Flow Sampling Method

Generated - approximately 2.5 gallons of purge water

**SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542**

MONITORING WELL INFORMATION

Date: 4/3/12 **Sampler:** Ross Hibler
Property Address: Chez Valet, Manorhaven NY

Monitoring Well Characteristics

Well No.	MW-4	Well Diameter: 1 "	Gallons/Ft. 0.04
Depth of Well, (Ft.)		11.56	
Depth to Water, (Ft.)		6.32	
Depth of Water, (Ft.)		5.24	
Volume of Well, (Gals.)		.2096	

Sampling and Purging of Monitoring Wells

Readings	Time	Depth to Water	Purge Rate	pH	Spec C	Turb	DO	Temp	ORP
Initial	0845	6.77	200	6.35	0.482	73	4.26	12.15	240
1	0850		200	6.42	0.535	71	3.97	12.24	246
2	0855		200	6.46	0.570	44	3.67	12.18	250
3	0900		200	6.50	0.610	45	3.48	12.18	254
4	0905		200	6.51	0.621	40	3.31	12.18	257
5	0910	6.93	200	6.52	0.628	43	3.21	12.20	259
6									
7									
8									
9									
10									

PID Screening of Purge water - 0.0 ppm

Low Flow Sampling Method

Generated - approximately 2 gallons of purge water

**SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542**

MONITORING WELL INFORMATION

Date: 4/3/12 **Sampler:** Ross Hibler
Property Address: Chez Valet, Manorhaven NY

Monitoring Well Characteristics

Well No.	MW-5	Well Diameter: 1 "	Gallons/Ft. 0.04
Depth of Well, (Ft.)		15.19	
Depth to Water, (Ft.)		7.56	
Depth of Water, (Ft.)		7.63	
Volume of Well, (Gals.)		0.3052	

Sampling and Purging of Monitoring Wells

Readings	Time	Depth to Water	Purge Rate	pH	Spec C	Turb	DO	Temp	ORP
Initial	0950		225	6.69	1.75	290	1.65	12.70	-112
1	0955		225	6.75	1.82	267	1.54	12.65	-115
2	1000		500	6.83	1.72	247	1.40	12.56	-118
3	1005	7.57	225	6.81	2.11	175	7.61	12.51	-116
4	1010		225	6.82	2.06	166	6.53	12.62	-117
5	1015		225	6.83	2.10	163	5.66	12.70	-117
6	1020		225	6.83	2.10	162	5.13	12.82	-117
7	1025	7.60	225	8.84	2.10	150	4.29	12.87	-116
8	1030		225	6.84	2.14	141	3.84	12.72	-116
9	1035		225	6.84	2.15	141	3.34	12.82	-114
10	1040		225	6.84	2.15	137	2.94	12.91	-114
11	1045	7.61	225	6.85	2.10	132	2.61	12.89	-114
12	1050		175	6.85	2.09	126	2.33	13.08	-114
13	1055		175	6.86	2.07	118	2.01	13.07	-113
14	1100		175	6.86	2.09	114	1.77	12.97	-112
15	1105	7.65	175	6.85	2.10	113	1.57	13.11	-112
16	1110		175	6.86	2.03	111	1.42	13.19	-112

17	1115		175	6.86	2.12	109	1.26	13.21	-111
18	1120	7.67	175	6.86	2.10	80	1.21	13.34	-111
19	1125		150	6.86	2.15	50	1.01	13.45	-110
20	1130		150	6.85	2.15	48	1.00	13.51	-109
21	1135	7.70	150	6.86	2.14	47	0.95	13.47	-109

PID Screening of Purge water - 0.0 ppm

Low Flow Sampling Method

Generated - approximately 8 gallons of purge water

Table 1
Historical Goundwater VOC analysis
Chez Valet/Evergreen
Manorhaven, NY

ANALYTE	UNITS	NYSDEC STANDARD (SCG)	MW-1		MW-2		MW-3		MW-4		MW-5	
			3/9/2009	4/3/2012	3/9/2009	4/3/2012	3/9/2009	4/3/2012	3/9/2009	4/3/2012	3/9/2009	4/3/2012
Dichlorodifluoromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ug/L	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromomethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	ug/L	50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1 Dichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
t-1,2-Dichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
c-1,2-Dichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1 Dichloroethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	ug/L	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
111 Trichloroethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	ug/L	0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2 Dichloroethane	ug/L	0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2 Dichloropropane	ug/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	ug/L	50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
c-1,3Dichloropropene	ug/L	0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
t-1,3Dichloropropene	ug/L	0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
112 Trichloroethane	ug/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ug/L	5	30	12	25	20	<1	<1	35	3	<1	<1
1,3-Dichloropropane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	ug/L	50	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2 Dibromoethane	ug/L	50	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethyl Benzene	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1112Tetrachloroethane	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m + p Xylene	ug/L	5	1	<2	<1	<2	<1	<2	<1	<2	<1	<2
o Xylene	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	ug/L	50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	5	2
Bromobenzene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 1
Historical Goundwater VOC analysis
Chez Valet/Evergreen
Manorhaven. NY

[illegible]

Historical Groundwater VOC analysis
Chez Valet/Evergreen
Manorhaven, NY

ANALYTE	UNITS	NYSDEC STANDARD (SCG)	MW-1		MW-2		MW-3		MW-4		MW-5	
			3/9/2009	4/3/2012	3/9/2009	4/3/2012	3/9/2009	4/3/2012	3/9/2009	4/3/2012	3/9/2009	4/3/2012
Dichlorodifluoromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ug/L	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromomethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	ug/L	50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1 Dichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylene Chloride	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Dichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
c-1,2-Dichloroethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1 Dichloroethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2,2-Dichloropropane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	ug/L	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1 Trichloroethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	ug/L	0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2 Dichloroethane	ug/L	0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2 Dichloropropane	ug/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	ug/L	50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
c-1,3Dichloropropene	ug/L	0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,3Dichloropropene	ug/L	0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2 Trichloroethane	ug/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ug/L	5	30	12	25	20	<1	<1	35	<1	<1	<1
1,3-Dichloropropane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	ug/L	50	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2 Dibromoethane	ug/L	50	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethyl Benzene	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2Tetrachloroethane	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m + p Xylene	ug/L	5	1	<2	<1	<2	<1	<1	<1	<1	<1	<2
o Xylene	ug/L	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	ug/L	50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isopropylbenzene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Bromobenzene	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2Tetrachloroethane	ug/L	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Historical Groundwater VOC analysis
 Chez Valet/Evergreen
 Manorhaven, NY

[illegible]

Table 1
Historical Goundwater VOC analysis
Chez Valet/Evergreen
Manorhaven. NY

ANALYTE	UNITS	MW-5 Water	MW-5 Duplicate Water	% Agreement
Dichlorodifluoromethane	ug/L	< 1	< 1	100%
Chloromethane	ug/L	< 1	< 1	100%
Vinyl Chloride	ug/L	< 1	< 1	100%
Bromomethane	ug/L	< 1	< 1	100%
Chloroethane	ug/L	< 1	< 1	100%
Trichlorofluoromethane	ug/L	< 1	< 1	100%
1,1 Dichloroethene	ug/L	< 1	< 1	100%
Methylene Chloride	ug/L	< 1	< 1	100%
t-1,2-Dichloroethene	ug/L	< 1	< 1	100%
c-1,2-Dichloroethene	ug/L	< 1	< 1	100%
1,1 Dichloroethane	ug/L	< 1	< 1	100%
2,2-Dichloropropane	ug/L	< 1	< 1	100%
Bromochloromethane	ug/L	< 1	< 1	100%
Chloroform	ug/L	< 1	< 1	100%
111 Trichloroethane	ug/L	< 1	< 1	100%
Carbon Tetrachloride	ug/L	< 1	< 1	100%
1,1-Dichloropropene	ug/L	< 1	< 1	100%
Benzene	ug/L	< 1	< 1	100%
1,2 Dichloroethane	ug/L	< 1	< 1	100%
Trichloroethene	ug/L	< 1	< 1	100%
1,2 Dichloropropane	ug/L	< 1	< 1	100%
Dibromomethane	ug/L	< 1	< 1	100%
Bromodichloromethane	ug/L	< 1	< 1	100%
c-1,3Dichloropropene	ug/L	< 1	< 1	100%
Toluene	ug/L	< 1	< 1	100%
t-1,3Dichloropropene	ug/L	< 1	< 1	100%
112 Trichloroethane	ug/L	< 1	< 1	100%
Tetrachloroethene	ug/L	< 1	< 1	100%
1,3-Dichloropropane	ug/L	< 1	< 1	100%
Chlorodibromomethane	ug/L	< 1	< 1	100%
1,2 Dibromoethane	ug/L	< 1	< 1	100%
Chlorobenzene	ug/L	< 1	< 1	100%
Ethyl Benzene	ug/L	< 1	< 1	100%
1112Tetrachloroethane	ug/L	< 1	< 1	100%
m + p Xylene	ug/L	< 2	< 2	100%
o Xylene	ug/L	< 1	< 1	100%
Styrene	ug/L	< 1	< 1	100%
Bromoform	ug/L	< 1	< 1	100%
Isopropylbenzene	ug/L	2	2	100%
Bromobenzene	ug/L	< 1	< 1	100%
1122Tetrachloroethane	ug/L	< 1	< 1	100%
123-Trichloropropane	ug/L	< 1	< 1	100%
n-Propylbenzene	ug/L	4	4	100%
2-Chlorotoluene	ug/L	< 1	< 1	100%
135-Trimethylbenzene	ug/L	< 1	< 1	100%
4-Chlorotoluene	ug/L	< 1	< 1	100%
tert-Butylbenzene	ug/L	< 1	< 1	100%
124-Trimethylbenzene	ug/L	< 1	< 1	100%
sec-Butylbenzene	ug/L	< 1	< 1	100%

Table 1
Historical Groundwater VOC analysis
Chez Valet/Evergreen
Manorhaven. NY

ANALYTE	UNITS	MW-5 Water	MW-5 Duplicate Water	% Agreement
p-Isopropyltoluene	ug/L	< 1	< 1	100%
1,3 Dichlorobenzene (v)	ug/L	< 1	< 1	100%
1,4 Dichlorobenzene (v)	ug/L	< 1	< 1	100%
n-Butylbenzene	ug/L	< 1	< 1	100%
1,2 Dichlorobenzene (v)	ug/L	< 1	< 1	100%
Dibromochloropropane	ug/L	< 1	< 1	100%
Dibromochloromethane	ug/L			
124-Trichlorobenzene (v)	ug/L	< 1	< 1	100%
Hexachlorobutadiene	ug/L	< 1	< 1	100%
Naphthalene(v)	ug/L	< 1	< 1	100%
123-Trichlorobenzene	ug/L	< 1	< 1	100%
ter. Butyl Methyl Ether (Methyl tert-Butyl Ether)	ug/L	1	1	100%
p-Ethyltoluene	ug/L	< 1	< 1	100%
Freon 113	ug/L	< 1	< 1	100%
1245 Tetramethylbenz	ug/L	3	3	100%
Acetone	ug/L	< 10	< 10	100%
Methyl Ethyl Ketone - (2-Butanone)	ug/L	< 10	< 10	100%
Chlorodifluoromethane	ug/L	< 1	< 1	100%
p Diethylbenzene	ug/L	2	2	100%
Carbon DiSulfide	ug/L			
Methylisobutylketone (4-Methyl-2-pentanone)	ug/L	< 10	< 10	100%
2-Hexanone	ug/L			

Table 1
Historical Goundwater VOC analysis - Matrix Spike
Chez Valet/Evergreen
Manorhaven. NY

ANALYTE	UNITS	MW-4 MS	MW-4 MSD	% Agreement
		Water	Water	
Dichlorodifluoromethane	ug/L	18	17	94%
Chloromethane	ug/L	20	20	100%
Vinyl Chloride	ug/L	19	19	100%
Bromomethane	ug/L	19	21	111%
Chloroethane	ug/L	20	22	110%
Trichlorofluoromethane	ug/L	21	21	100%
1,1 Dichloroethene	ug/L	21	22	105%
Methylene Chloride	ug/L	22	22	100%
t-1,2-Dichloroethene	ug/L	22	22	100%
c-1,2-Dichloroethene	ug/L	22	22	100%
1,1 Dichloroethane	ug/L	23	22	96%
2,2-Dichloropropane	ug/L	22	23	105%
Bromochloromethane	ug/L	22	22	100%
Chloroform	ug/L	22	22	100%
111 Trichloroethane	ug/L	22	23	105%
Carbon Tetrachloride	ug/L	21	22	105%
1,1-Dichloropropene	ug/L	22	22	100%
Benzene	ug/L	22	22	100%
1,2 Dichloroethane	ug/L	22	22	100%
Trichloroethene	ug/L	23	22	96%
1,2 Dichloropropane	ug/L	22	21	95%
Dibromomethane	ug/L	22	22	100%
Bromodichloromethane	ug/L	22	22	100%
c-1,3Dichloropropene	ug/L	21	21	100%
Toluene	ug/L	22	22	100%
t-1,3Dichloropropene	ug/L	21	21	100%
112 Trichloroethane	ug/L	23	22	96%
Tetrachloroethene	ug/L	23	23	100%
1,3-Dichloropropane	ug/L	21	21	100%
Chlorodibromomethane	ug/L	20	20	100%
1,2 Dibromoethane	ug/L	20	19	95%
Chlorobenzene	ug/L	20	20	100%
Ethyl Benzene	ug/L	21	20	95%
1112Tetrachloroethane	ug/L	20	20	100%
m + p Xylene	ug/L	42	41	98%
o Xylene	ug/L	21	20	95%
Styrene	ug/L	20	20	100%
Bromoform	ug/L	20	20	100%
Isopropylbenzene	ug/L	20	21	105%
Bromobenzene	ug/L	19	20	105%
1122Tetrachloroethane	ug/L	20	21	105%
123-Trichloropropane	ug/L	20	20	100%
n-Propylbenzene	ug/L	20	21	105%
2-Chlorotoluene	ug/L	20	21	105%

Table 1
Historical Goundwater VOC analysis - Matrix Spike
Chez Valet/Evergreen
Manorhaven. NY

ANALYTE	UNITS	MW-4 MS	MW-4 MSD	% Agreement
		Water	Water	
135-Trimethylbenzene	ug/L	20	21	105%
4-Chlorotoluene	ug/L	20	21	105%
tert-Butylbenzene	ug/L	20	20	100%
124-Trimethylbenzene	ug/L	20	21	105%
sec-Butylbenzene	ug/L	20	21	105%
p-Isopropyltoluene	ug/L	20	21	105%
1,3 Dichlorobenzene (v)	ug/L	20	21	105%
1,4 Dichlorobenzene (v)	ug/L	20	20	100%
n-Butylbenzene	ug/L	20	21	105%
1,2 Dichlorobenzene (v)	ug/L	20	20	100%
Dibromochloropropane	ug/L	19	19	100%
Dibromochloromethane	ug/L	NA	NA	NA
124-Trichlorobenzene (v)	ug/L	19	20	105%
Hexachlorobutadiene	ug/L	21	21	100%
Naphthalene(v)	ug/L	17	19	112%
123-Trichlorobenzene	ug/L	18	19	106%
ter-ButylMethylEther (Methyl tert-Butyl Ether)	ug/L	22	22	100%
p-Ethyltoluene	ug/L	20	21	105%
Freon 113	ug/L	22	22	100%
1245 Tetramethylbenz	ug/L	20	21	105%
Acetone	ug/L	110	110	100%
Methyl Ethyl Ketone - (2-Butanone)	ug/L	110	110	100%
Chlorodifluoromethane	ug/L	21	21	100%
p Diethylbenzene	ug/L	20	21	105%
Carbon DiSulfide	ug/L	NA	NA	NA
Methylisobutylketone (4-Methyl-2-pentanone)	ug/L	110	110	100%
2-Hexanone	ug/L	NA	NA	NA

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221 08

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1420

MATRIX:Water SAMPLE: MW-1

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit.

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.08

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1420

MATRIX: Water SAMPLE: MW-1

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethane	ug/L	12	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	< 1	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	< 1	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260

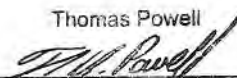
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.08

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1420

MATRIX: Water SAMPLE: MW-1

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter. ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO. 121221.09 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PC#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1505

MATRIX: Water SAMPLE: MW-2

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

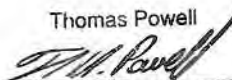
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.09

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1505

MATRIX:Water SAMPLE: MW-2

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	20	040612		1	EPA8260
1,3-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	< 1	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropene	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	< 1	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260

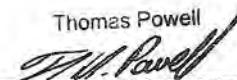
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121321.09

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1505

MATRIX: Water SAMPLE: MW-2

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

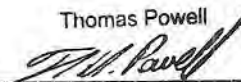
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO. 121221.07 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Stem Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1325

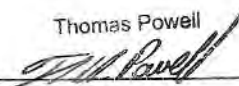
MATRIX: Water SAMPLE: MW-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 
Thomas Powell

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.07

04/10/12

ST, Environmental Services, Incorporated

100 Morris Avenue

Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1325

MATRIX: Water SAMPLE: MW-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL
			FLAG OF ANALYSIS		METHOD
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

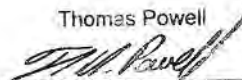
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO.121221.07 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1325

MATRIX:Water SAMPLE: MW-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

CC:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO. 121221.02 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0915

MATRIX: Water SAMPLE: MW-4

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL
			FLAG OF ANALYSIS	LRL	METHOD
Dichlorodifluoromethane	ug/L	< 1	040612	1	EPA8260
Chloromethane	ug/L	< 1	040612	1	EPA8260
Vinyl Chloride	ug/L	< 1	040612	1	EPA8260
Bromomethane	ug/L	< 1	040612	1	EPA8260
Chloroethane	ug/L	< 1	040612	1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612	1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612	1	EPA8260
Methylene Chloride	ug/L	< 1	040612	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612	1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612	1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612	1	EPA8260
Bromochloromethane	ug/L	< 1	040612	1	EPA8260
Chloroform	ug/L	< 1	040612	1	EPA8260
111 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612	1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612	1	EPA8260
Benzene	ug/L	< 1	040612	1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612	1	EPA8260
Trichloroethene	ug/L	< 1	040612	1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612	1	EPA8260
Dibromomethane	ug/L	< 1	040612	1	EPA8260
Bromodichloromethane	ug/L	< 1	040612	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
Toluene	ug/L	< 1	040612	1	EPA8260

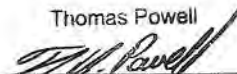
cc:

LRL=Laboratory Reporting Limit.

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.02

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0915

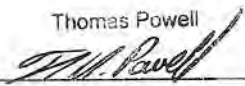
MATRIX: Water SAMPLE: MW-4

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	3	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	< 1	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	< 1	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 
Thomas Powell

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO 121221.02

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0915

MATRIX: Water SAMPLE: MW-4

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

CC:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221-03

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	18	040612		1	EPA8260
Chloromethane	ug/L	20	040612		1	EPA8260
Vinyl Chloride	ug/L	19	040612		1	EPA8260
Bromomethane	ug/L	19	040612		1	EPA8260
Chloroethane	ug/L	20	040612		1	EPA8260
Trichlorofluoromethane	ug/L	21	040612		1	EPA8260
1,1 Dichloroethene	ug/L	21	040612		1	EPA8260
Methylene Chloride	ug/L	22	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
1,1 Dichloroethane	ug/L	23	040612		1	EPA8260
2,2-Dichloropropane	ug/L	22	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
Bromochloromethane	ug/L	22	040612		1	EPA8260
Chloroform	ug/L	22	040612		1	EPA8260
111 Trichloroethane	ug/L	22	040612		1	EPA8260
Carbon Tetrachloride	ug/L	21	040612		1	EPA8260
1,1-Dichloropropene	ug/L	22	040612		1	EPA8260
Benzene	ug/L	22	040612		1	EPA8260
1,2 Dichloroethane	ug/L	22	040612		1	EPA8260
Trichloroethene	ug/L	23	040612		1	EPA8260
1,2 Dichloropropane	ug/L	22	040612		1	EPA8260
Dibromomethane	ug/L	22	040612		1	EPA8260
Bromodichloromethane	ug/L	22	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
Toluene	ug/L	22	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.03

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
112 Trichloroethane	ug/L	23	040612		1	EPA8260
Tetrachloroethene	ug/L	23	040612		1	EPA8260
1,3-Dichloropropane	ug/L	21	040612		1	EPA8260
Chlorodibromomethane	ug/L	20	040612		1	EPA8260
1,2 Dibromoethane	ug/L	20	040612		1	EPA8260
Chlorobenzene	ug/L	20	040612		1	EPA8260
Ethyl Benzene	ug/L	21	040612		1	EPA8260
1112Tetrachloroethane	ug/L	20	040612		1	EPA8260
m + p Xylene	ug/L	42	040612		2	EPA8260
o Xylene	ug/L	21	040612		1	EPA8260
Styrene	ug/L	20	040612		1	EPA8260
Bromoform	ug/L	20	040612		1	EPA8260
Isopropylbenzene	ug/L	20	040612		1	EPA8260
Bromobenzene	ug/L	19	040612		1	EPA8260
1122Tetrachloroethane	ug/L	20	040612		1	EPA8260
123-Trichloropropane	ug/L	20	040612		1	EPA8260
n-Propylbenzene	ug/L	20	040612		1	EPA8260
2-Chlorotoluene	ug/L	20	040612		1	EPA8260
135-Trimethylbenzene	ug/L	20	040612		1	EPA8260
4-Chlorotoluene	ug/L	20	040612		1	EPA8260
tert-Butylbenzene	ug/L	20	040612		1	EPA8260
124-Trimethylbenzene	ug/L	20	040612		1	EPA8260
sec-Butylbenzene	ug/L	20	040612		1	EPA8260
p-Isopropyltoluene	ug/L	20	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER
SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND
DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.03

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL
			FLAG OF ANALYSIS	LRL	METHOD
1,3 Dichlorobenzene (v)	ug/L	20	040612	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	20	040612	1	EPA8260
n-Butylbenzene	ug/L	20	040612	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	20	040612	1	EPA8260
Dibromochloropropane	ug/L	19	040612	1	EPA8260
124-Trichlorobenzene (v)	ug/L	19	040612	1	EPA8260
Hexachlorobutadiene	ug/L	21	040612	1	EPA8260
Naphthalene(v)	ug/L	17	040612	1	EPA8260
123-Trichlorobenzene	ug/L	18	040612	1	EPA8260
ter-ButylMethylEther	ug/L	22	040612	1	EPA8260
p-Ethyltoluene	ug/L	20	040612	1	EPA8260
Freon 113	ug/L	22	040612	1	EPA8260
1245 Tetramethylbenz	ug/L	20	040612	1	EPA8260
Acetone	ug/L	110	040612	10	EPA8260
Methyl Ethyl Ketone	ug/L	110	040612	10	EPA8260
Methylisobutyl Ketone	ug/L	110	040612	10	EPA8260
Chlorodifluoromethane	ug/L	21	040612	1	EPA8260
p-Diethylbenzene	ug/L	20	040612	1	EPA8260

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REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER
SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND
DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO 121221.04

04/10/12

ST, Environmental Services, Incorporated

100 Morris Avenue

Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	17	040612		1	EPA8260
Chloromethane	ug/L	20	040612		1	EPA8260
Vinyl Chloride	ug/L	19	040612		1	EPA8260
Bromomethane	ug/L	21	040612		1	EPA8260
Chloroethane	ug/L	22	040612		1	EPA8260
Trichlorofluoromethane	ug/L	21	040612		1	EPA8260
1,1 Dichloroethene	ug/L	22	040612		1	EPA8260
Methylene Chloride	ug/L	22	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
1,1 Dichloroethane	ug/L	22	040612		1	EPA8260
2,2-Dichloropropane	ug/L	23	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
Bromochloromethane	ug/L	22	040612		1	EPA8260
Chloroform	ug/L	22	040612		1	EPA8260
111 Trichloroethane	ug/L	23	040612		1	EPA8260
Carbon Tetrachloride	ug/L	22	040612		1	EPA8260
1,1-Dichloropropene	ug/L	22	040612		1	EPA8260
Benzene	ug/L	22	040612		1	EPA8260
1,2 Dichloroethane	ug/L	22	040612		1	EPA8260
Trichloroethene	ug/L	22	040612		1	EPA8260
1,2 Dichloropropene	ug/L	21	040612		1	EPA8260
Dibromomethane	ug/L	22	040612		1	EPA8260
Bromodichloromethane	ug/L	22	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
Toluene	ug/L	22	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.04

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL METHOD
			FLAG OF ANALYSIS		
t-1,3Dichloropropene	ug/L	21	040612	1	EPA8260
112 Trichloroethane	ug/L	22	040612	1	EPA8260
Tetrachloroethene	ug/L	23	040612	1	EPA8260
1,3-Dichloropropane	ug/L	21	040612	1	EPA8260
Chlorodibromomethane	ug/L	20	040612	1	EPA8260
1,2 Dibromoethane	ug/L	19	040612	1	EPA8260
Chlorobenzene	ug/L	20	040612	1	EPA8260
Ethyl Benzene	ug/L	20	040612	1	EPA8260
1112Tetrachloroethane	ug/L	20	040612	1	EPA8260
m + p Xylene	ug/L	41	040612	2	EPA8260
o Xylene	ug/L	20	040612	1	EPA8260
Styrene	ug/L	20	040612	1	EPA8260
Bromoform	ug/L	20	040612	1	EPA8260
Isopropylbenzene	ug/L	21	040612	1	EPA8260
Bromobenzene	ug/L	20	040612	1	EPA8260
1122Tetrachloroethane	ug/L	21	040612	1	EPA8260
123-Trichloropropane	ug/L	20	040612	1	EPA8260
n-Propylbenzene	ug/L	21	040612	1	EPA8260
2-Chlorotoluene	ug/L	21	040612	1	EPA8260
135-Trimethylbenzene	ug/L	21	040612	1	EPA8260
4-Chlorotoluene	ug/L	21	040612	1	EPA8260
tert-Butylbenzene	ug/L	20	040612	1	EPA8260
124-Trimethylbenzene	ug/L	21	040612	1	EPA8260
sec-Butylbenzene	ug/L	21	040612	1	EPA8260
p-Isopropyltoluene	ug/L	21	040612	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO.121221.04 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

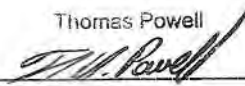
TIME COL'D:0920

MATRIX:Water SAMPLE: MW-4 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	21	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	20	040612		1	EPA8260
n-Butylbenzene	ug/L	21	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	20	040612		1	EPA8260
Dibromochloropropane	ug/L	19	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	20	040612		1	EPA8260
Hexachlorobutadiene	ug/L	21	040612		1	EPA8260
Naphthalene(v)	ug/L	19	040612		1	EPA8260
123-Trichlorobenzene	ug/L	19	040612		1	EPA8260
ter. ButylMethylEther	ug/L	22	040612		1	EPA8260
p-Ethyltoluene	ug/L	21	040612		1	EPA8260
Freon 113	ug/L	22	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	21	040612		1	EPA8260
Acetone	ug/L	110	040612		10	EPA8260
Methyl Ethyl ketone	ug/L	110	040612		10	EPA8260
Methylisobutylketone	ug/L	110	040612		10	EPA8260
Chlorodifluoromethane	ug/L	21	040612		1	EPA8260
p Diethylbenzene	ug/L	21	040612		1	EPA8260

CC:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER
SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND
DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.Thomas Powell
DIRECTOR 

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAS NO.121221.05

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1140

MATRIX:Water SAMPLE: MW-5

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

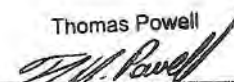
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221-05

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

MATRIX: Water SAMPLE: MW-5

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	< 1	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	2	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	4	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260

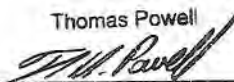
cc:

LRL=Laboratory Reporting Limit.

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.05

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

MATRIX: Water SAMPLE: MW-5

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter. ButylMethylEther	ug/L	1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	3	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	2	040612		1	EPA8260

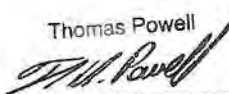
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221 06

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1140

MATRIX:Water SAMPLE: MW-5 Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropene	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

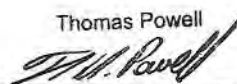
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LRL=Laboratory Reporting Limit.

REMARKS:

Thomas Powell

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO 121221.06

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11373

SOURCE OF SAMPLE: Chez Vallet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

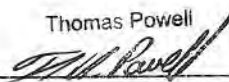
MATRIX: Water SAMPLE: MW-5 Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL
						METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	2	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	4	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 
Thomas Powell

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221-05

04/10/12

ST, Environmental Services, Incorporated

100 Morris Avenue

Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1140

MATRIX:Water SAMPLE: MW-5 Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL
			FLAG OF ANALYSIS		METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
n-Butylbenzene	ug/L	< 1	040612	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
Dibromochloropropane	ug/L	< 1	040612	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612	1	EPA8260
Naphthalene(v)	ug/L	< 1	040612	1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612	1	EPA8260
ter. ButylMethylEther	ug/L	1	040612	1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612	1	EPA8260
Freon 113	ug/L	< 1	040612	1	EPA8260
1245 Tetramethylbenz	ug/L	3	040612	1	EPA8260
Acetone	ug/L	< 10	040612	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612	10	EPA8260
Methylisobutylketone	ug/L	< 10	040612	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612	1	EPA8260
p Diethylbenzene	ug/L	2	040612	1	EPA8260

CC:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.01

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0700

MATRIX: Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

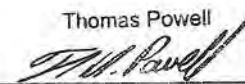
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO: 121221.01 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hilber

FO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0700

MATRIX: Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL METHOD
			FLAG OF ANALYSIS		
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethene	ug/L	< 1	040612	1	EPA8260
1,3-Dichloropropene	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

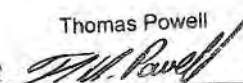
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

HAS NO 121221.01

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

RD#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0700

MATRIX: Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene (v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

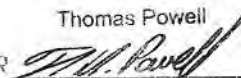
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO. 121221.10 04/10/12ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:

RECEIVED: 04/04/12

MATRIX: Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

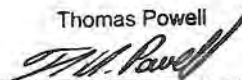
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.10

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:

RECEIVED:04/04/12

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL
			FLAG OF ANALYSIS		METHOD
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethene	ug/L	< 1	040612	1	EPA8260
1,3-Dichloropropene	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

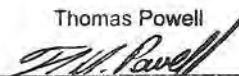
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221 10

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:

RECEIVED:04/04/12

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter. ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

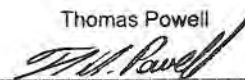
CC:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



CHAIN OF CUSTODY RECORD

Client: STESS

Address: 100 Morris Ave

Solen Cove NY

Phone: 516 674-6032 FAX: 516 674-0151

Person receiving report: Rose 11/11

Sampled by: Ross W. bld

Source: Chez Valet Grand water

Job No.: ~~11378~~ 11378

MATRIX (Soil, Water, etc.)	COLLECTED		SAMPLE IDENTIFICATION		TOTAL	REMARKS-TESTS REQUIRED
	DATE	TIME				
WATER	4/3	700	Field BLOW	2	2	EPA method 9260
WATER	4/3	0915	MW-4	3	3	
"	"	0920	MW-4 MS	3	3	
"	"	0920	MW-4 MSD	3	3	
"	"	1140	MW-5	3	3	
"	"	1140	MW-5 DUP	3	3	
"	"	1325	MW-3	3	3	
"	"	1420	MW-4	3	3	
"	"	1505	MW-2	3	3	
3rd	1223		TRIP BLOW	2	2	
						4.00
Relinquished by: (Signature) <i>[Signature]</i>			Received by: (Signature) <i>[Signature]</i>		DATE/TIME 4/4/12 9:54	SEAL INTACT? YES NO NA
Representing:			Representing: 4/4/12		Representing: 4/4/12	Representing: 4/4/12
Relinquished by: (Signature)			Received by: (Signature)		DATE/TIME	SEAL INTACT? YES NO NA
Representing:			Representing:		DATE/TIME	SEAL INTACT? YES NO NA

ECOTEST LABORATORIES INC.

377 Sheffield Ave.
North Babylon, NY 11703
tel. 631-422-5777, fax 631-422-5770, Email ECOTESTLAB@aol.com

TITLE/COVER PAGE

QUALITY CONTROL DELIVERABLES

CLIENT: ST Environmental Services, Inc.
100 Morris Avenue
Glen Cove, NY 11542

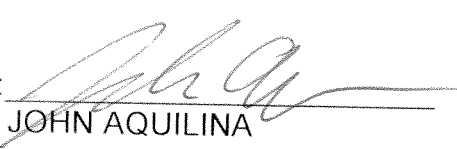
CONTACT: Ross Hibler

JOB: Chez Valet Ground Water

DATE(S) OF SAMPLE COLLECTION: 4/3/12

ECOTEST SAMPLE ID NOS.: 121221.01-.10

REPORT APPROVED BY:


JOHN AQUILINA

DATE APPROVED: 5.1.12

NJDEP LAB ID NO.: NY356

NYELAP ID NO.: 10320

JA

excel\john\qcpkg12\st1221b

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• MS/MSD RECOVERY RESULTS SUMMARY	
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SUMMARY TABLE; CROSS-REFERENCE OF
LABORATORY AND FIELD ID NOS.
AND ANALYSES PERFORMED

SUMMARY TABLE; CROSS-REFERENCE OF LABORATORY AND FIELD ID NOS.
AND ANALYSES PERFORMED

EcoTest ID#	Field ID#	Matrix	Date Col'd	Date Rec'd	ANALYSIS
121221.01	Field Blank	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.02	MW-4	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.03	MW-4 MS	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.04	MW-4 MSD	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.05	MW-5	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.06	MW-5 Dup	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.07	MW-3	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.08	MW-1	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.09	MW-2	Water	4/3/12	4/4/12	VOCs by EPA 8260
121221.10	Trip Blank	Water	4/3/12	4/4/12	VOCs by EPA 8260

CHAIN OF CUSTODY FORMS

CHAIN OF CUSTODY RECORD

Client: STES

Address: 180 Morris Ave
 Glen Cove NY

Phone: 516 674-6032 FAX: 516-674-0151

Person receiving report: Ross Libler

Sampled by: Ross Libler

Source: Chee Valeet Groundwater

Job No.: # 11378

12121

MATRIX (Soil, Water, etc.)		COLLECTED DATE	TIME	SAMPLE IDENTIFICATION		TOTAL NUMBER OF CONTAINERS		TYPE & NUMBER OF CONTAINERS		QC Pkg Type (If Required)		Accelerated Turnaround Date Required		REMARKS-TESTS REQUIRED
Water	4/3	700		Field Blank		2	2							
Water	4/3	0915		MW-4		3	3							
	"	0920		MW-4 MS		3	3							
	"	0920		MW-4 MSD		3	3							
	"	1140		MW-5		3	3							
	"	1140		MW-5 DUP		3	3							
	"	1325		MW-3		3	3							
	"	1420		MW-4		3	3							
	"	1505		MW-2		3	3							
	3/24	1223		TRIP Blank		2	2							
Received by: (Signature) 4/4/12 Received by: (Signature) 4/4/12 Relinquished by: (Signature) 4/4/12 Relinquished by: (Signature) 4/4/12 Seal Intact? YES NO NA Seal Intact? YES NO NA Seal Intact? YES NO NA Seal Intact? YES NO NA														

DATA REPORTS



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.01

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0700

MATRIX: Water

SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.01

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0700

MATRIX: Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethene	ug/L	< 1	040612	1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

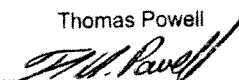
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.01

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:0700

MATRIX:Water SAMPLE: Field Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter. ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

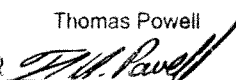
CC:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.02

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0915

MATRIX: Water SAMPLE: MW-4

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

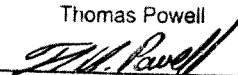
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



Page 11

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.02

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0915

MATRIX: Water SAMPLE: MW-4

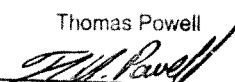
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	3	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	< 1	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	< 1	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260
cc:			040612		1	EPA8260

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.02

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0915

MATRIX: Water SAMPLE: MW-4

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
n-Butylbenzene	ug/L	< 1	040612	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
Dibromochloropropane	ug/L	< 1	040612	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612	1	EPA8260
Naphthalene(v)	ug/L	< 1	040612	1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612	1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612	1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612	1	EPA8260
Freon 113	ug/L	< 1	040612	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612	1	EPA8260
Acetone	ug/L	< 10	040612	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612	10	EPA8260
Methylisobutylketone	ug/L	< 10	040612	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612	1	EPA8260
p Diethylbenzene	ug/L	< 1	040612	1	EPA8260

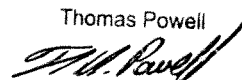
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.03

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:0920

MATRIX:Water SAMPLE: MW-4 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	18	040612		1	EPA8260
Chloromethane	ug/L	20	040612		1	EPA8260
Vinyl Chloride	ug/L	19	040612		1	EPA8260
Bromomethane	ug/L	19	040612		1	EPA8260
Chloroethane	ug/L	20	040612		1	EPA8260
Trichlorofluoromethane	ug/L	21	040612		1	EPA8260
1,1 Dichloroethene	ug/L	21	040612		1	EPA8260
Methylene Chloride	ug/L	22	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
1,1 Dichloroethane	ug/L	23	040612		1	EPA8260
2,2-Dichloropropane	ug/L	22	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
Bromochloromethane	ug/L	22	040612		1	EPA8260
Chloroform	ug/L	22	040612		1	EPA8260
111 Trichloroethane	ug/L	22	040612		1	EPA8260
Carbon Tetrachloride	ug/L	21	040612		1	EPA8260
1,1-Dichloropropene	ug/L	22	040612		1	EPA8260
Benzene	ug/L	22	040612		1	EPA8260
1,2 Dichloroethane	ug/L	22	040612		1	EPA8260
Trichloroethene	ug/L	23	040612		1	EPA8260
1,2 Dichloropropane	ug/L	22	040612		1	EPA8260
Dibromomethane	ug/L	22	040612		1	EPA8260
Bromodichloromethane	ug/L	22	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
Toluene	ug/L	22	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.03

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:0920

MATRIX:Water SAMPLE: MW-4 MS

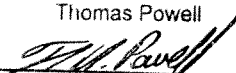
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
112 Trichloroethane	ug/L	23	040612		1	EPA8260
Tetrachloroethene	ug/L	23	040612		1	EPA8260
1,3-Dichloropropane	ug/L	21	040612		1	EPA8260
Chlorodibromomethane	ug/L	20	040612		1	EPA8260
1,2 Dibromoethane	ug/L	20	040612		1	EPA8260
Chlorobenzene	ug/L	20	040612		1	EPA8260
Ethyl Benzene	ug/L	21	040612		1	EPA8260
1112Tetrachloroethane	ug/L	20	040612		1	EPA8260
m + p Xylene	ug/L	42	040612		1	EPA8260
o Xylene	ug/L	21	040612		2	EPA8260
Styrene	ug/L	20	040612		1	EPA8260
Bromoform	ug/L	20	040612		1	EPA8260
Isopropylbenzene	ug/L	20	040612		1	EPA8260
Bromobenzene	ug/L	19	040612		1	EPA8260
1122Tetrachloroethane	ug/L	20	040612		1	EPA8260
123-Trichloropropane	ug/L	20	040612		1	EPA8260
n-Propylbenzene	ug/L	20	040612		1	EPA8260
2-Chlorotoluene	ug/L	20	040612		1	EPA8260
135-Trimethylbenzene	ug/L	20	040612		1	EPA8260
4-Chlorotoluene	ug/L	20	040612		1	EPA8260
tert-Butylbenzene	ug/L	20	040612		1	EPA8260
124-Trimethylbenzene	ug/L	20	040612		1	EPA8260
sec-Butylbenzene	ug/L	20	040612		1	EPA8260
p-Isopropyltoluene	ug/L	20	040612		1	EPA8260
cc:			040612		1	EPA8260

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR



Page 15

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.03

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	20	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	20	040612		1	EPA8260
n-Butylbenzene	ug/L	20	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	20	040612		1	EPA8260
Dibromochloropropane	ug/L	19	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	19	040612		1	EPA8260
Hexachlorobutadiene	ug/L	21	040612		1	EPA8260
Naphthalene(v)	ug/L	17	040612		1	EPA8260
123-Trichlorobenzene	ug/L	18	040612		1	EPA8260
ter. ButylMethylEther	ug/L	22	040612		1	EPA8260
p-Ethyltoluene	ug/L	20	040612		1	EPA8260
Freon 113	ug/L	22	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	20	040612		1	EPA8260
Acetone	ug/L	110	040612		1	EPA8260
Methyl Ethyl Ketone	ug/L	110	040612		10	EPA8260
Methylisobutylketone	ug/L	110	040612		10	EPA8260
Chlorodifluoromethane	ug/L	21	040612		10	EPA8260
p Diethylbenzene	ug/L	20	040612		1	EPA8260
			040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR



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ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.04

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-4 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	17	040612		1	EPA8260
Chloromethane	ug/L	20	040612		1	EPA8260
Vinyl Chloride	ug/L	19	040612		1	EPA8260
Bromomethane	ug/L	21	040612		1	EPA8260
Chloroethane	ug/L	22	040612		1	EPA8260
Trichlorofluoromethane	ug/L	21	040612		1	EPA8260
1,1 Dichloroethene	ug/L	22	040612		1	EPA8260
Methylene Chloride	ug/L	22	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
1,1 Dichloroethane	ug/L	22	040612		1	EPA8260
2,2-Dichloropropane	ug/L	23	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	22	040612		1	EPA8260
Bromochloromethane	ug/L	22	040612		1	EPA8260
Chloroform	ug/L	22	040612		1	EPA8260
111 Trichloroethane	ug/L	23	040612		1	EPA8260
Carbon Tetrachloride	ug/L	22	040612		1	EPA8260
1,1-Dichloropropene	ug/L	22	040612		1	EPA8260
Benzene	ug/L	22	040612		1	EPA8260
1,2 Dichloroethane	ug/L	22	040612		1	EPA8260
Trichloroethene	ug/L	22	040612		1	EPA8260
1,2 Dichloropropane	ug/L	21	040612		1	EPA8260
Dibromomethane	ug/L	22	040612		1	EPA8260
Bromodichloromethane	ug/L	22	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
Toluene	ug/L	22	040612		1	EPA8260

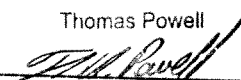
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LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR



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ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.04

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:0920

MATRIX:Water SAMPLE: MW-4 MSD

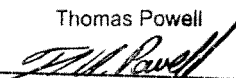
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	21	040612		1	EPA8260
112 Trichloroethane	ug/L	22	040612		1	EPA8260
Tetrachloroethene	ug/L	23	040612		1	EPA8260
1,3-Dichloropropane	ug/L	21	040612		1	EPA8260
Chlorodibromomethane	ug/L	20	040612		1	EPA8260
1,2 Dibromoethane	ug/L	19	040612		1	EPA8260
Chlorobenzene	ug/L	20	040612		1	EPA8260
Ethyl Benzene	ug/L	20	040612		1	EPA8260
1112Tetrachloroethane	ug/L	20	040612		1	EPA8260
m + p Xylene	ug/L	41	040612		1	EPA8260
o Xylene	ug/L	20	040612		2	EPA8260
Styrene	ug/L	20	040612		1	EPA8260
Bromoform	ug/L	20	040612		1	EPA8260
Isopropylbenzene	ug/L	21	040612		1	EPA8260
Bromobenzene	ug/L	20	040612		1	EPA8260
1122Tetrachloroethane	ug/L	21	040612		1	EPA8260
123-Trichloropropane	ug/L	20	040612		1	EPA8260
n-Propylbenzene	ug/L	21	040612		1	EPA8260
2-Chlorotoluene	ug/L	21	040612		1	EPA8260
135-Trimethylbenzene	ug/L	21	040612		1	EPA8260
4-Chlorotoluene	ug/L	21	040612		1	EPA8260
tert-Butylbenzene	ug/L	20	040612		1	EPA8260
124-Trimethylbenzene	ug/L	21	040612		1	EPA8260
sec-Butylbenzene	ug/L	21	040612		1	EPA8260
p-Isopropyltoluene	ug/L	21	040612		1	EPA8260
cc:			040612		1	EPA8260

LRL=Laboratory Reporting Limit

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Thomas Powell

DIRECTOR



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ENVIRONMENTAL TESTING

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LAB NO.121221.04

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:0920

MATRIX:Water SAMPLE: MW-4 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	21	040612	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	20	040612	1	EPA8260
n-Butylbenzene	ug/L	21	040612	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	20	040612	1	EPA8260
Dibromochloropropane	ug/L	19	040612	1	EPA8260
124-Trichlorobenzene (v)	ug/L	20	040612	1	EPA8260
Hexachlorobutadiene	ug/L	21	040612	1	EPA8260
Naphthalene(v)	ug/L	19	040612	1	EPA8260
123-Trichlorobenzene	ug/L	19	040612	1	EPA8260
ter-ButylMethylEther	ug/L	22	040612	1	EPA8260
p-Ethyltoluene	ug/L	21	040612	1	EPA8260
Freon 113	ug/L	22	040612	1	EPA8260
1245 Tetramethylbenz	ug/L	21	040612	1	EPA8260
Acetone	ug/L	110	040612	1	EPA8260
Methyl Ethyl Ketone	ug/L	110	040612	10	EPA8260
Methylisobutylketone	ug/L	110	040612	10	EPA8260
Chlorodifluoromethane	ug/L	21	040612	10	EPA8260
p Diethylbenzene	ug/L	21	040612	1	EPA8260
			040612	1	EPA8260

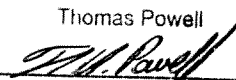
cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER
SPIKING (FOR MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND
DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.05

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1140

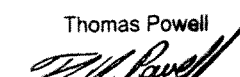
MATRIX:Water SAMPLE: MW-5

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 

Thomas Powell

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.05

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

MATRIX: Water SAMPLE: MW-5

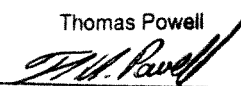
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	< 1	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	2	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	4	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260
cc:						

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.05

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

MATRIX: Water SAMPLE: MW-5

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter. ButylMethylEther	ug/L	1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	3	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	2	040612		1	EPA8260

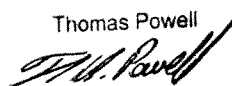
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.06

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

MATRIX: Water SAMPLE: MW-5 Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

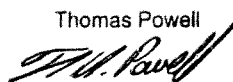
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.06

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1140

MATRIX:Water SAMPLE: MW-5 Duplicate

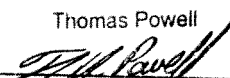
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	< 1	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	2	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	4	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260
cc:			040612		1	EPA8260

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.06

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1140

MATRIX: Water SAMPLE: MW-5 Duplicate

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
n-Butylbenzene	ug/L	< 1	040612	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
Dibromochloropropane	ug/L	< 1	040612	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612	1	EPA8260
Naphthalene(v)	ug/L	< 1	040612	1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612	1	EPA8260
ter. ButylMethylEther	ug/L	1	040612	1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612	1	EPA8260
Freon 113	ug/L	< 1	040612	1	EPA8260
1245 Tetramethylbenz	ug/L	3	040612	1	EPA8260
Acetone	ug/L	< 10	040612	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612	10	EPA8260
Methylisobutylketone	ug/L	< 10	040612	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612	1	EPA8260
p Diethylbenzene	ug/L	2	040612	1	EPA8260

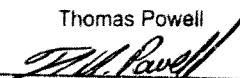
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



Page 25

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.07

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1325

MATRIX: Water SAMPLE: MW-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

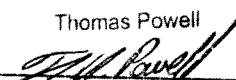
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



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ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.07

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1325

MATRIX: Water SAMPLE: MW-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethene	ug/L	< 1	040612	1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

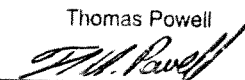
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



Page 27

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.07

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1325

MATRIX:Water SAMPLE: MW-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

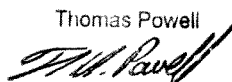
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.08

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1420

MATRIX:Water SAMPLE: MW-1

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

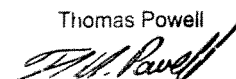
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.08

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1420

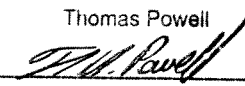
MATRIX: Water SAMPLE: MW-1

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL METHOD
			FLAG OF ANALYSIS		
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethene	ug/L	12	040612	1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell
DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.08

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1420

MATRIX:Water SAMPLE: MW-1

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

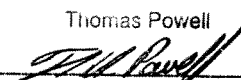
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



Page 31

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 121221.09

04/10/12

ST, Environmental Services, Incorporated

100 Morris Avenue

Glen Cove, NY 11542

ATTN: Ross Hibler

PO#: 11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 04/03/12 RECEIVED: 04/04/12

TIME COL'D: 1505

MATRIX: Water SAMPLE: MW-2

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

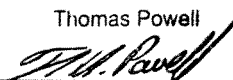
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.09

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1505

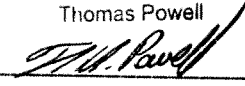
MATRIX:Water SAMPLE: MW-2

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
112 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Tetrachloroethene	ug/L	20	040612		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612		1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612		1	EPA8260
Chlorobenzene	ug/L	< 1	040612		1	EPA8260
Ethyl Benzene	ug/L	< 1	040612		1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
m + p Xylene	ug/L	< 2	040612		2	EPA8260
o Xylene	ug/L	< 1	040612		1	EPA8260
Styrene	ug/L	< 1	040612		1	EPA8260
Bromoform	ug/L	< 1	040612		1	EPA8260
Isopropylbenzene	ug/L	< 1	040612		1	EPA8260
Bromobenzene	ug/L	< 1	040612		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612		1	EPA8260
123-Trichloropropane	ug/L	< 1	040612		1	EPA8260
n-Propylbenzene	ug/L	< 1	040612		1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612		1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612		1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell
DIRECTOR 

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.09

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:04/03/12 RECEIVED:04/04/12

TIME COL'D:1505

MATRIX:Water SAMPLE: MW-2

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter. ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

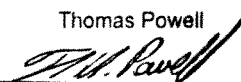
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LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



Page 34

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.10

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:

RECEIVED:04/04/12

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
Chloromethane	ug/L	< 1	040612		1	EPA8260
Vinyl Chloride	ug/L	< 1	040612		1	EPA8260
Bromomethane	ug/L	< 1	040612		1	EPA8260
Chloroethane	ug/L	< 1	040612		1	EPA8260
Trichlorofluoromethane	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethene	ug/L	< 1	040612		1	EPA8260
Methylene Chloride	ug/L	< 1	040612		1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
1,1 Dichloroethane	ug/L	< 1	040612		1	EPA8260
2,2-Dichloropropane	ug/L	< 1	040612		1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1	040612		1	EPA8260
Bromochloromethane	ug/L	< 1	040612		1	EPA8260
Chloroform	ug/L	< 1	040612		1	EPA8260
111 Trichloroethane	ug/L	< 1	040612		1	EPA8260
Carbon Tetrachloride	ug/L	< 1	040612		1	EPA8260
1,1-Dichloropropene	ug/L	< 1	040612		1	EPA8260
Benzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloroethane	ug/L	< 1	040612		1	EPA8260
Trichloroethene	ug/L	< 1	040612		1	EPA8260
1,2 Dichloropropane	ug/L	< 1	040612		1	EPA8260
Dibromomethane	ug/L	< 1	040612		1	EPA8260
Bromodichloromethane	ug/L	< 1	040612		1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	040612		1	EPA8260
Toluene	ug/L	< 1	040612		1	EPA8260

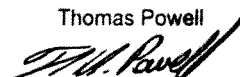
cc:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.10

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:

RECEIVED:04/04/12

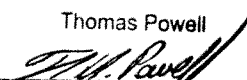
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL METHOD
			FLAG OF ANALYSIS		
t-1,3Dichloropropene	ug/L	< 1	040612	1	EPA8260
112 Trichloroethane	ug/L	< 1	040612	1	EPA8260
Tetrachloroethene	ug/L	< 1	040612	1	EPA8260
1,3-Dichloropropane	ug/L	< 1	040612	1	EPA8260
Chlorodibromomethane	ug/L	< 1	040612	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	040612	1	EPA8260
Chlorobenzene	ug/L	< 1	040612	1	EPA8260
Ethyl Benzene	ug/L	< 1	040612	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
m + p Xylene	ug/L	< 2	040612	2	EPA8260
o Xylene	ug/L	< 1	040612	1	EPA8260
Styrene	ug/L	< 1	040612	1	EPA8260
Bromoform	ug/L	< 1	040612	1	EPA8260
Isopropylbenzene	ug/L	< 1	040612	1	EPA8260
Bromobenzene	ug/L	< 1	040612	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	040612	1	EPA8260
123-Trichloropropane	ug/L	< 1	040612	1	EPA8260
n-Propylbenzene	ug/L	< 1	040612	1	EPA8260
2-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
4-Chlorotoluene	ug/L	< 1	040612	1	EPA8260
tert-Butylbenzene	ug/L	< 1	040612	1	EPA8260
124-Trimethylbenzene	ug/L	< 1	040612	1	EPA8260
sec-Butylbenzene	ug/L	< 1	040612	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	040612	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR  Thomas Powell

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.121221.10

04/10/12

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler

PO#:11378

SOURCE OF SAMPLE: Chez Valet Ground Water

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:

RECEIVED:04/04/12

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
n-Butylbenzene	ug/L	< 1	040612		1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Dibromochloropropane	ug/L	< 1	040612		1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	040612		1	EPA8260
Hexachlorobutadiene	ug/L	< 1	040612		1	EPA8260
Naphthalene(v)	ug/L	< 1	040612		1	EPA8260
123-Trichlorobenzene	ug/L	< 1	040612		1	EPA8260
ter-ButylMethylEther	ug/L	< 1	040612		1	EPA8260
p-Ethyltoluene	ug/L	< 1	040612		1	EPA8260
Freon 113	ug/L	< 1	040612		1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	040612		1	EPA8260
Acetone	ug/L	< 10	040612		10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	040612		10	EPA8260
Methylisobutylketone	ug/L	< 10	040612		10	EPA8260
Chlorodifluoromethane	ug/L	< 1	040612		1	EPA8260
p Diethylbenzene	ug/L	< 1	040612		1	EPA8260

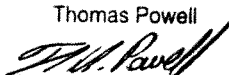
CC:

LRL=Laboratory Reporting Limit

REMARKS:

Thomas Powell

DIRECTOR



METHODOLOGY SUMMARY FOR ALL METHODS

Volatile Organic Compounds by EPA 8260

Soil samples were extracted Closed System Purge & Trap (EPA 5035), waters by (EPA Method 5030B). Samples are injected in GC/MS with narrow-bore fused-silica capillary column. Mass spectra and retention time are utilized to identify compounds detected. Quantitation based on major ion relative to internal standard using five-point curve verified with continuing calibration standards..

VOCs BY EPA METHOD 8260 – QC DELIVERABLES

EPA Method 8260

Category B Volatiles Analysis.

Water samples: 121221.01—>121221.10.

Conformance/Nonconformance Summary-8260

Ecotest Sample ID: 121221.01—> 121221.05..

QC criteria were met for the following unless stated otherwise:

- * Method blank
- * MDL study
- * Surrogate recoveries
- * Matrix Spike & Matrix Spike Duplicate RPD
- * Matrix Spike & Matrix Spike Duplicate % recoveries.
- * Reference sample
- * Holding Time (USEPA SW846)
- * Initial instrument calibration & continuing calibration
- * GCMS Tune criteria
- * Internal Standard Recovery

Note on Initial calibration curves:

All compound curves are quadratic with coefficients of determination of 0.995 or greater.

Ketones are 5 times the concentration and m+p-Xylene is 2 times the concentration of any given level.

Lab Chronicle

[illegible]

Analytical Results Summary GCMSV4 Method 8260B

[illegible]

Method Detection and Practical Quantitation Limits for Aqueous Samples GC/MSV4 EPA Method 8260

Compound (units)	MDL (ug/L)	PQL (ug/L)	Injection Time (units)	MDL (ug/L)	PQL (ug/L)
dichlorodifluoromethane	0.14	1	tetrachloroethene	0.16	1
chlorodifluoromethane	0.21	1	dibromochloromethane	0.12	1
chloromethane	0.18	1	1,2-dibromoethane	0.16	1
vinyl chloride	0.10	1	chlorobenzene	0.10	1
bromomethane	0.27	1	1,1,1,2-tetrachloroethane	0.13	1
chloroethane	0.14	1	ethylbenzene	0.08	1
trichlorofluoromethane	0.13	1	m+p xylene	0.31	2
freon	0.11	1	o-xylene	0.15	1
acetone	1.60	10	styrene	0.11	1
1,1-dichloroethene	0.15	1	bromoform	0.12	1
methylene chloride	0.18	1	isopropylbenzene	0.14	1
carbon disulfide	0.22	1	1,1,2,2-tetrachloroethane	0.17	1
tert-butylmethylether	0.09	1	1,2,3-trichloropropane	0.11	1
trans-1,2-dichloroethene	0.10	1	n-propylbenzene	0.10	1
vinyl acetate	0.63	10	bromobenzene	0.13	1
1,1-dichloroethane	0.15	1	p-ethyltoluene	0.09	1
methyl ethyl ketone	0.74	10	1,3,5-trimethylbenzene	0.17	1
2,2-dichloropropane	0.12	1	2-chlorotoluene	0.16	1
cis-1,2-dichloroethene	0.21	1	4-chlorotoluene	0.14	1
chloroform	0.12	1	tert-butylbenzene	0.20	1
bromochloromethane	0.30	1	1,2,4-trimethylbenzene	0.12	1
1,1,1-trichloroethane	0.14	1	sec-butylbenzene	0.12	1
1,1-dichloropropene	0.20	1	4-isopropyltoluene	0.12	1
carbon tetrachloride	0.14	1	1,3-dichlorobenzene	0.14	1
1,2-dichloroethane	0.11	1	1,4-dichlorobenzene	0.14	1
benzene	0.10	1	1,2,3-trimethylbenzene	0.12	1
trichloroethene	0.22	1	n-butylbenzene	0.11	1
1,2-dichloropropane	0.10	1	p-diethylbenzene	0.08	1
bromodichloromethane	0.18	1	1,2-dichlorobenzene	0.09	1
dibromomethane	0.18	1	1,2,4,5-tetramethylbenzene	0.12	1
2-chloroethylvinylether	0.14	1	1,2-dibromo-3-chloropropan	0.16	1
4-methyl-2-pentanone	0.72	10	1,2,4-trichlorobenzene	0.12	1
cis-1,3-dichloropropene	0.17	1	hexachlorobutadiene	0.31	1
toluene	0.12	1	naphthalene	0.11	1
trans-1,3-dichloropropene	0.14	1	1,2,3-trichlorobenzene	0.10	1
1,1,2-trichloroethane	0.19	1			
2-hexanone	0.92	10			
1,3-dichloropropane	0.12	1			

4A
VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc.

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Lab File ID: 04061205.D

Lab Sample ID: water blank

Date Analyzed: 4/5/12

Time Analyzed: 1011

GC Column: DB-VRX

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: GCMSV4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	121221.10 5ml	Trip Blank	4061208.D	11:26
02	121221.02 5ml	Sample	4061209.D	11:47
03	121221.02 5ml +20MS (	Matrix Spike	4061210.D	12:09
04	121221.02 5ml +20MSD	Matrix Spike Duplicate	4061211.D	12:31
05	reference 10ug/L	Second source referen	4061212.D	12:53
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COMMENTS:

FORM IV VOA

3/90

4A
VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc.

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Lab File ID: 04061213.D

Lab Sample ID: water blank

Date Analyzed: 4/5/12

Time Analyzed: 1314

GC Column: DB-VRX

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: GCMSV4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	121221.01 5ml	Field Blank	4061214.D	13:36
02	121221.05 5ml	Sample	4061215.D	13:58
03	121221.06 5ml	Duplicate	4061216.D	14:20
04	121221.07 5ml	Sample	4061217.D	14:41
05	121221.08 5ml	Sample	4061218.D	15:03
06	121221.09 5ml	Sample	4061219.D	15:24
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COMMENTS:

FORM IV VOA

3/90

Date Time Summary GCMSV4 Method 8260

[illegible]

MS/MSD Recovery Result Summary (VOC EPA 8260) GCMSV4

Instrument ID: GC/MSV4

Date of Analysis: 04/06/12

Sample Spiked: 121221.02 (121221.03 121221.04).

Associated Samples: 121221.01 -->121221.10.

Compound	Unspiked Conc. (ug/L)	Spike Added (ug/L)	MS Conc. (ug/L)	MS Recov. (%)	MSD Conc. (ug/L)	MSD Recov. (%)	RPD*	Recovery Limits (%)	RPD* Limits (%)	
Dichlorodifluoromethane	0	20	17.6	88	17.0	85	3	47 --> 135	23	
Chlorodifluoromethane	0	20	21.1	106	21.3	107	1	63 -->138	26	
Chloromethane	0	20	20.2	101	20.0	100	1	61 -->130	20	
Vinyl chloride	0	20	19.2	96	19.4	97	1	61 --, 138	16	
Bromomethane	0	20	19.4	97	21.1	106	8	47 -->139	27	
Chloroethane	0	20	20.0	100	21.6	108	8	65 -->135	23	
Trichlorofluoromethane	0	20	20.6	103	21.4	107	4	66 -->139	20	
Freon 113	0	20	21.6	108	21.5	108	0	71 -->132	19	
1,1-Dichloroethene	0	20	20.9	105	22.2	111	6	79 -->126	20	
Acetone	4.6	100	109	104	106	101	3	44 -->146	19	
Methylene chloride	0	20	21.5	108	22.3	112	4	76 -->124	16	
trans-1,2-Dichloroethene	0	20	21.9	110	21.9	110	0	79 -->122	16	
tert-butyl methyl Ether	0	20	22.0	110	22.2	111	1	71 -->124	12	
1,1-Dichloroethane	0	20	22.5	113	22.4	112	0	79 -->123	17	
2,2-Dichloropropane	0	20	22.1	111	23.0	115	4	80 -->116	18	
cis-1,2-Dichloroethene	0	20	22.1	111	22.2	111	0	80 -->123	15	
Methyl ethyl ketone	0	100	109	109	111	111	2	60 -->130	21	
Chloroform	0	20	22.1	111	22.3	112	1	81 -->126	15	
Bromochloromethane	0	20	21.7	109	22.1	111	2	82 -->123	16	
1,1,1-Trichloroethane	0	20	22.0	110	22.5	113	2	75 -->128	15	
1,1-Dichloropropene	0	20	21.6	108	22.1	111	2	79 -->125	15	
Carbon tetrachloride	0	20	21.1	106	21.6	108	2	66 -->133	15	
Benzene	0	20	21.9	110	21.8	109	0	82 -->119	11	
1,2-Dichloroethane	0	20	21.6	108	22.3	112	3	74 -->123	17	
Trichloroethene	0	20	22.7	114	22.0	110	3	80 -->124	12	
1,2-Dichloropropane	0	20	22.0	110	20.8	104	6	81 -->121	14	
Bromodichloromethane	0	20	21.5	108	21.5	108	0	76 -->125	13	
Dibromomethane	0	20	22.1	111	21.6	108	2	74 -->124	15	
cis-1,3-Dichloropropene	0	20	21.2	106	21.0	105	1	78 -->118	12	
Methyl isobutyl ketone	0	100	107	107	110	110	3	66 -->126	14	
Toluene	0	20	21.9	110	22.2	111	1	71 -->131	13	
trans-1,3-Dichloropropene	0	20	21.3	107	21.4	107	0	67 -->124	14	
1,1,2-Trichloroethane	0	20	22.9	115	22.0	110	4	78 -->119	16	
Tetrachloroethene	2.8	20	22.6	99	22.9	101	1	63 -->131	16	
1,3-Dichloropropane	0	20	20.8	104	20.7	104	0	80 -->118	15	
Dibromochloromethane	0	20	20.1	101	19.5	98	3	75 -->118	14	
1,2-Dibromoethane	0	20	20.0	100	19.4	97	3	78 -->113	16	

MS/MSD Recovery Result Summary (VOC EPA 8260) GCMSV4

Instrument ID: GC/MSV4

Date of Analysis: 04/06/12

Sample Spiked: 121221.02 (121221.03 121221.04).

Associated Samples: 121221.01 -->121221.10.

Compound	Unspiked Conc. (ug/L)	Spike Added (ug/L)	MS Conc. (ug/L)	MS Recov. (%)	MSD Conc. (ug/L)	MSD Recov. (%)	RPD*	Recovery Limits (%)	RPD* Limits (%)	#
Chlorobenzene	0	20	20.3	102	20.1	101	1	83-->115	14	
1,1,1,2-Tetrachloroethane	0	20	20.3	102	19.9	100	2	76 -->118	14	
Ethyl Benzene	0	20	20.5	103	20.3	102	1	81 -->117	13	
M+P-Xylene	0.2	40	41.6	104	40.8	102	2	73-->122	13	
O-Xylene	0	20	20.7	104	20.4	102	1	78-->119	14	
Styrene	0	20	20.2	101	20.3	102	0	81 -->113	18	
Bromoform	0	20	19.5	98	19.9	100	2	66 -->122	15	
Isopropylbenzene	0	20	20.0	100	20.9	105	4	82 -->121	12	
1,1,2,2-Tetrachloroethane	0	20	20.3	102	20.5	103	1	73 -->118	15	
1,2,3-Trichloropropane	0	20	20.0	100	20.2	101	1	66 -->125	15	
Bromobenzene	0	20	19.2	96	20.3	102	6	82 -->117	13	
n-Propylbenzene	0	20	19.8	99	21.0	105	6	78 -->124	12	
p-Ethyltoluene	0	20	20.0	100	20.6	103	3	78 -->125	11	
2-Chlorotoluene	0	20	20.2	101	20.8	104	3	80 -->117	14	
1,3,5-Trimethylbenzene	0	20	20.2	101	20.8	104	3	79-->122	13	
4-Chlorotoluene	0	20	19.9	100	20.6	103	3	82 -->118	15	
tert-Butylbenzene	0	20	20.0	100	20.4	102	2	79 -->121	17	
1,2,4-Trimethylbenzene	0	20	20.3	102	20.7	104	2	75 -->128	12	
sec-Butylbenzene	0	20	20.1	101	20.8	104	3	73 -->124	14	
p-Isopropyltoluene	0	20	20.0	100	20.6	103	3	75-->124	12	
1,3-Dichlorobenzene	0	20	19.7	99	20.7	104	5	77 -->121	12	
1,4-Dichlorobenzene	0	20	19.5	98	20.1	101	3	75 -->121	14	
p-Diethylbenzene	0	20	19.8	99	20.6	103	4	65 -->133	15	
n-Butylbenzene	0	20	20.4	102	21.4	107	5	65 -->132	17	
1,2-Dichlorobenzene	0	20	19.6	98	19.8	99	1	81 -->116	11	
1,2,4,5-Tetramethylbenzene	0	20	19.8	99	20.4	102	3	67-->132	15	
1,2-Dibromo-3-chloropropane	0	20	18.6	93	18.8	94	1	62-->120	18	
1,2,4-Trichlorobenzene	0	20	19.4	97	20.4	102	5	64 -->127	16	
Hexachlorobutadiene	0	20	20.6	103	20.7	104	0	58-->135	21	
Naphthalene	0	20	17.1	86	18.8	94	9	61-->126	17	
1,2,3-Trichlorobenzene	0	20	17.8	89	19.4	97	9	61 -->127	16	

*RPD= Relative Percent Difference.

#- Column to be used to flag results outside of control limits.

N- Matrix spike recovery is outside of lab established control limits.

M- Injection precision not met (RPD exceeds lab established limit).

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Ecotest Laboratories, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID (Standard): 04061202.D Date Analyzed: 4/6/12

Instrument ID: GCMSV4 Time Analyzed: 9:06

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	2652110	3.17	4436441	3.71	2912238	5.96
UPPER LIMIT	5304221	3.67	8872882	4.21	5824475	6.46
LOWER LIMIT	1326055	2.67	2218220	3.21	1456119	5.46
SAMPLE NO.						
01 water std 1ug/L	2585821	3.18	4293621	3.71	2794748	5.96
02 blank	2444583	3.18	4110413	3.71	2697115	5.96
03 121221.10 5ml	2424001	3.18	4066145	3.71	2670683	5.96
04 121221.02 5ml	2524905	3.18	4280336	3.71	2786981	5.96
05 121221.02 5ml +20MS (12	2633909	3.18	4411595	3.71	2923472	5.96
06 121221.02 5ml +20MSD (1	2556889	3.18	4338491	3.71	2889299	5.96
07 reference 10ug/L	2662684	3.18	4388956	3.71	2936319	5.96
08 blank	2401889	3.18	4073257	3.71	2641937	5.96
09 121221.01 5ml	2532439	3.18	4283515	3.71	2780365	5.96
10 121221.05 5ml	2593431	3.18	4404660	3.71	2828643	5.96
11 121221.06 5ml	2606749	3.18	4328306	3.71	2801796	5.96
12 121221.07 5ml	2436009	3.18	4120110	3.71	2626734	5.96
13 121221.08 5ml	2462993	3.18	4173748	3.71	2811276	5.96
14 121221.09 5ml	2486430	3.18	4269182	3.71	2782134	5.96
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32						

IS1 = pentafluorobenzene

IS2 = 1,4-difluorobenzene

IS3 = chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Contract: _____

Group:

Date Analyzed: 4/6/12

Time Analyzed: 9:06

Heated Purge: (Y/N) N

IS4 = 1,4-dichlorobenzene-d4

RT LOWER LIMIT = -0.50 minutes of internal standard RT

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Ecotest Labs, Inc. Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Lab File ID: 03291202.D
 Instrument ID: GCMSV4 BFB Injection Date: 3/29/12
 GC Column: DB-VRX ID: 0.18 (mm) BFB Injection Time: 1209
 Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.5
75	30.0 - 66.0% of mass 95	47.4
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	(0.0)1
174	50.0 - 120.0% of mass 95	78.7
175	4.0 - 9.0% of mass 174	(8.3)1
176	93.0 - 101.0% of mass 174	(96.6)1
177	5.0 - 9.0% of mass 176	(6.7)2

1-Value is % mass 174

2-Value is % mass 176

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	water std 0.7ug/L	Initial Calibration	3291215.D	3/29/2012 18:04
02	water std 2ug/L	Initial Calibration	3291216.D	3/29/2012 18:25
03	water std 5ug/L	Initial Calibration	3291217.D	3/29/2012 18:48
04	water std 10ug/L	Initial Calibration	3291218.D	3/29/2012 19:09
05	water std 20ug/L	Initial Calibration	3291219.D	3/29/2012 19:34
06	water std 30ug/L	Initial Calibration	3291220.D	3/29/2012 19:55
07				
08				
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5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name : Ecotest Labs, Inc. Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Lab File ID: 03291226.D BFB Injection Date: 3/29/12
 Instrument ID: GCMSV4 BFB Injection Time: 2205
 GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.4
75	30.0 - 66.0% of mass 95	46.9
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	(0.0)1
174	50.0 - 120.0% of mass 95	79.9
175	4.0 - 9.0% of mass 174	(8.3)1
176	93.0 - 101.0% of mass 174	(96.6)1
177	5.0 - 9.0% of mass 176	(6.6)2

1-Value is % mass 174

2-Value is % mass 176

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	water std 20ug/L	ICVS	3291227.D	3/29/12 22:27
02				
03				
04				
05				
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5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name : Ecotest Labs, Inc. Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Lab File ID: 04061201.D BFB Injection Date: 4/6/12
 Instrument ID: GCMSV4 BFB Injection Time: 0820
 GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.9
75	30.0 - 66.0% of mass 95	48.5
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	(0.0)1
174	50.0 - 120.0% of mass 95	79.6
175	4.0 - 9.0% of mass 174	(8.3)1
176	93.0 - 101.0% of mass 174	(98.2)1
177	5.0 - 9.0% of mass 176	(6.6)2

1-Value is % mass 174

2-Value is % mass 176

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	water std 20ug/L	Continuing Calibration	4/6/2012	9:06
02	water std 1ug/L	Low level check standard	4/6/2012	9:50
03	blank	Method Blank	4/6/2012	10:11
04	121221.10 5ml	Trip Blank	4/6/2012	11:26
05	121221.02 5ml	Sample	4/6/2012	11:47
06	121221.02 5ml +20MS (1212)	Matrix Spike	4/6/2012	12:09
07	121221.02 5ml +20MSD (1212)	Matrix Spike Duplicate	4/6/2012	12:31
08	reference 10ug/L	Second source reference	4/6/2012	12:53
09	blank	Method Blank	4/6/2012	13:14
10	121221.01 5ml	Field Blank	4/6/2012	13:36
11	121221.05 5ml	Sample	4/6/2012	13:58
12	121221.06 5ml	Duplicate	4/6/2012	14:20
13	121221.07 5ml	Sample	4/6/2012	14:41
14	121221.08 5ml	Sample	4/6/2012	15:03
15	121221.09 5ml	Sample	4/6/2012	1524
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QC Check Standard Summary (VOC EPA 8260)

EcoTest Laboratories Inc.

Instrument ID: GCMSV4

Lab File ID: 04061212.D

Date of Analysis: 04/05/12

Associated Samples: 121221.01 --> 121221.10

Compound	Source	Target (ug/L)	Result (ug/L)	Lower control Limit (ug/L)	Upper control Limit (ug/L)	#
Dichlorodifluoromethane	(2)	10	10.0	4.5	17.7	
Chloromethane	(2)	10	11.7	7.1	14.5	
Vinyl chloride	(2)	10	9.3	6.5	12.2	
Bromomethane	(2)	10	10.2	4.6	16.6	
Chloroethane	(2)	10	10.0	6.6	12.2	
Trichlorofluoromethane	(2)	10	10.3	7.3	11.6	
Freon 113	(3)	10	11.3	7.5	11.3	
1,1-Dichloroethene	(1)	10	11.4	8.3	11.4	
Acetone	(3)	100	107	75.6	121	
Methylene chloride	(1)	10	11.0	8.2	12.1	
trans-1,2-Dichloroethene	(1)	10	10.8	8.9	11.4	
tert-butyl methyl Ether	(3)	10	11.5	8.1	12.5	
1,1-Dichloroethane	(1)	10	11.3	8.5	11.7	
2,2-Dichloropropane	(1)	10	11.1	5.8	12.7	
cis-1,2-Dichloroethene	(1)	10	11.5	8.9	11.9	
Methyl ethyl ketone	(3)	100	97.8	56.7	125	
Chloroform	(1)	10	11.2	8.8	11.9	
Bromochloromethane	(1)	10	11.4	8.7	11.8	
1,1,1-Trichloroethane	(1)	10	10.4	8.1	11.7	
1,1-Dichloropropene	(1)	10	10.2	8.5	11.4	
Carbon tetrachloride	(1)	10	10.7	8.0	12.3	
Benzene	(1)	10	11.0	9.0	11.0	
1,2-Dichloroethane	(1)	10	10.6	8.2	12.7	
Trichloroethene	(1)	10	11.3	8.7	12.0	
1,2-Dichloropropane	(1)	10	11.0	8.6	11.4	
Bromodichloromethane	(1)	10	10.0	8.9	11.6	
Dibromomethane	(1)	10	10.9	8.2	12.1	
cis-1,3-Dichloropropene	(1)	10	10.4	8.7	11.3	
Methyl isobutyl ketone	(3)	100	106	71.2	120	
Toluene	(1)	10	10.9	8.9	11.3	
trans-1,3-Dichloropropene	(1)	10	9.5	6.7	12.1	
1,1,2-Trichloroethane	(1)	10	11.3	8.3	11.8	
Tetrachloroethene	(1)	10	10.2	7.3	13.1	
1,3-Dichloropropane	(1)	10	10.7	8.3	11.5	

#- Column to be used to flag reference result with an asterisk.

*- Result is outside of QC limits.

QC Check Standard Summary (VOC EPA 8260)

EcoTest Laboratories Inc.

Instrument ID: GCMSV4

Lab File ID: 04061212.D

Date of Analysis: 04/05/12

Associated Samples: 121221.01 --> 121221.10

Compound	Source	Target (ug/L)	Result (ug/L)	Upper control Limit (ug/L)	Lower Control Limit (ug/L)	#
Dibromochloromethane	(1)	10	9.0	8.4	11.2	
1,2-Dibromoethane	(1)	10	10.0	8.0	11.3	
Chlorobenzene	(1)	10	9.9	8.6	11.0	
1,1,1,2-Tetrachloroethane	(1)	10	9.8	7.5	11.7	
Ethyl Benzene	(1)	10	10.2	8.4	11.4	
M+P-Xylene	(1)	20	20.4	17.1	23.3	
O-Xylene	(1)	10	10.0	8.0	11.4	
Styrene	(1)	10	10.4	8.1	11.5	
Bromoform	(1)	10	9.9	6.2	10.8	
Isopropylbenzene	(1)	10	8.7	7.8	10.8	
1,1,2,2-Tetrachloroethane	(1)	10	9.6	6.8	11.8	
1,2,3-Trichloropropane	(1)	10	10.0	6.8	12.3	
Bromobenzene	(1)	10	10.0	8.6	11.3	
n-Propylbenzene	(1)	10	9.8	8.0	11.0	
p-Ethyltoluene	(3)	10	9.7	9.0	12.3	
2-Chlorotoluene	(1)	10	10.1	8.1	11.4	
1,3,5-Trimethylbenzene	(1)	10	9.9	8.5	10.8	
4-Chlorotoluene	(1)	10	10.3	8.0	11.2	
tert-Butylbenzene	(1)	10	10.1	7.4	11.5	
1,2,4-Trimethylbenzene	(1)	10	10.1	7.8	11.8	
sec-Butylbenzene	(1)	10	10.1	8.2	11.1	
p-Isopropyltoluene	(1)	10	9.7	8.0	10.7	
1,3-Dichlorobenzene	(1)	10	9.9	8.6	10.9	
1,4-Dichlorobenzene	(1)	10	9.9	8.6	10.9	
p-Diethylbenzene	(3)	10	10.6	8.5	12.0	
n-Butylbenzene	(1)	10	10.4	7.4	11.4	
1,2-Dichlorobenzene	(1)	10	10.2	6.5	13.8	
1,2,4,5-Tetramethylbenzene	(3)	10	12.1	8.8	12.2	
1,2-Dibromo-3-chloropropane	(1)	10	9.3	6.1	12.7	
1,2,4-Trichlorobenzene	(1)	10	10.6	6.9	14.1	
Hexachlorobutadiene	(1)	10	11.5	7.6	12.1	
Naphthalene	(1)	10	9.8	7.1	12.5	
1,2,3-Trichlorobenzene	(1)	10	10.3	7.2	11.5	

#- Column to be used to flag reference result with an asterisk.

*- Result is outside of QC limits.

Source of Stock Standard

(1)- Accstandard catalog# M-502A-R-10X.

(2)- ECS Catalog# ECS-A-013, ECS-B-013

(3)- Prepared by EcoTest from neat compound.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: water blank
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061205.D
 Level: (low/med) _____ Date Received: na
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: water blank
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061205.D
 Level: (low/med) _____ Date Received: na
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: water blank
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061205.D
 Level: (low/med) _____ Date Received: na
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: water blank
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061213.D
 Level: (low/med) _____ Date Received: na
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: water blank
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061213.D
 Level: (low/med) _____ Date Received: na
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,1,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: water blank

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061213.D

Level: (low/med) _____

Date Received: na

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.01

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: Field Blank
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061214.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: Field Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061214.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: na Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,1,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: Field Blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061214.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: na Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.02

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 121221.02

Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061209.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: na Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	3	
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.02

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.02
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061209.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,2,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.02

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 121221.02

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061209.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: na Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.03

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 121221.02 MS

Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061210.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: na Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	17.6	
2. 74-87-3	Chloromethane	20.2	
3. 75-01-4	Vinyl Chloride	19.2	
4. 74-83-9	Bromomethane	19.4	
5. 75-00-3	Chloroethane	20.0	
6. 75-69-4	Trichlorofluoromethane	20.6	
7. 75-35-4	1,1 Dichloroethene	20.9	
8. 75-09-2	Methylene Chloride	21.5	
9. 156-60-5	t-1,2-Dichloroethene	21.9	
10. 75-34-3	1,1 Dichloroethane	22.5	
11. 594-20-7	2,2-Dichloropropane	22.1	
12. 156-59-2	c-1,2-Dichloroethene	22.1	
13. 74-97-5	Bromochloromethane	21.7	
14. 67-66-3	Chloroform	21.7	
15. 71-55-6	111 Trichloroethane	22.0	
16. 56-23-5	Carbon Tetrachloride	21.1	
17. 563-58-6	1,1-Dichloropropene	21.6	
18. 71-43-2	Benzene	21.9	
19. 107-06-2	1,2 Dichloroethane	21.6	
20. 79-01-6	Trichloroethene	22.7	
21. 78-87-5	1,2 Dichloropropane	22.0	
22. 74-95-3	Dibromomethane	22.1	
23. 75-27-4	Bromodichloromethane	21.5	
24. 10061-01-5	c-1,3Dichloropropene	21.2	
25. 108-88-3	Toluene	21.9	
26. 10061-02-6	t-1,3Dichloropropene	21.3	
27. 79-00-5	112 Trichloroethane	22.9	
28. 127-18-4	Tetrachloroethene	22.6	
29. 142-28-9	1,3-Dichloropropane	20.8	
30. 124-48-1	Chlorodibromomethane	20.1	

See MS.MSD summary for recovery information..

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.03

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: 121221.02 MS

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061210.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: na Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	20.0	
2. 108-90-7	Chlorobenzene	20.3	
3. 100-41-4	Ethyl Benzene	20.5	
4. 630-20-6	1,1,1,2-Tetrachloroethane	20.3	
5.	m + p Xylene	41.6	
6. 95-47-6	o Xylene	20.7	
7. 100-42-5	Styrene	20.2	
8. 75-25-2	Bromoform	19.5	
9. 98-82-8	Isopropylbenzene	20.0	
10. 108-86-1	Bromobenzene	19.2	
11. 79-34-5	1,1,2,2-Tetrachloroethane	20.3	
12. 96-18-4	1,2,3-Trichloropropane	20.0	
13. 103-65-1	n-Propylbenzene	19.8	
14. 95-49-8	2-Chlorotoluene	20.2	
15. 108-67-8	1,3,5-Trimethylbenzene	20.2	
16. 106-43-4	4-Chlorotoluene	19.9	
17. 98-06-6	tert-Butylbenzene	20.0	
18. 95-63-6	1,2,4-Trimethylbenzene	20.3	
19. 135-98-8	sec-Butylbenzene	20.1	
20. 99-87-6	p-Isopropyltoluene	20.0	
21. 541-73-1	1,3-Dichlorobenzene (v)	19.7	
22. 106-46-7	1,4-Dichlorobenzene (v)	19.5	
23. 104-51-8	n-Butylbenzene	20.4	
24. 95-50-1	1,2-Dichlorobenzene (v)	19.6	
25. 96-12-8	Dibromochloropropane	18.6	
26. 120-82-1	1,2,4-Trichlorobenzene (v)	19.4	
27. 87-68-3	Hexachlorobutadiene	20.6	
28. 91-20-3	Naphthalene(v)	17.1	
29. 87-61-6	1,2,3-Trichlorobenzene	17.8	
30. 1634-04-4	tert-ButylMethylEther	22.0	

See MS, MSD summary for recovery information..

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.03

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.02 MS
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061210.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	20.0	
2. 76-13-1	Freon 113	21.6	
3. 95-93-2	1245 Tetramethylbenz	19.8	
4. 67-64-1	Acetone	109	
5. 78-93-3	Methyl Ethyl Ketone	109	
6. 108-10-1	Methylisobutylketone	107	
7. 75-45-6	Chlorodifluoromethane	21.1	
8. 105-05-5	p Diethylbenzene	19.8	
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See MS.MSD summary for recovery information..

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.04

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.02 MSD
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061211.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	17.0	
2. 74-87-3	Chloromethane	20.0	
3. 75-01-4	Vinyl Chloride	19.4	
4. 74-83-9	Bromomethane	21.1	
5. 75-00-3	Chloroethane	21.6	
6. 75-69-4	Trichlorofluoromethane	21.4	
7. 75-35-4	1,1 Dichloroethene	22.2	
8. 75-09-2	Methylene Chloride	22.3	
9. 156-60-5	t-1,2-Dichloroethene	21.9	
10. 75-34-3	1,1 Dichloroethane	22.4	
11. 594-20-7	2,2-Dichloropropane	23.0	
12. 156-59-2	c-1,2-Dichloroethene	22.2	
13. 74-97-5	Bromochloromethane	22.1	
14. 67-66-3	Chloroform	22.3	
15. 71-55-6	111 Trichloroethane	22.5	
16. 56-23-5	Carbon Tetrachloride	21.6	
17. 563-58-6	1,1-Dichloropropene	22.1	
18. 71-43-2	Benzene	21.8	
19. 107-06-2	1,2 Dichloroethane	22.3	
20. 79-01-6	Trichloroethene	22.0	
21. 78-87-5	1,2 Dichloropropane	20.8	
22. 74-95-3	Dibromomethane	21.6	
23. 75-27-4	Bromodichloromethane	21.5	
24. 10061-01-5	c-1,3Dichloropropene	21.0	
25. 108-88-3	Toluene	22.2	
26. 10061-02-6	t-1,3Dichloropropene	21.4	
27. 79-00-5	112 Trichloroethane	22.0	
28. 127-18-4	Tetrachloroethene	22.9	
29. 142-28-9	1,3-Dichloropropane	20.7	
30. 124-48-1	Chlorodibromomethane	19.5	

See MS.MSD summary for recovery information..

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.04

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.02 MSD
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061211.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	19.4	
2. 108-90-7	Chlorobenzene	20.1	
3. 100-41-4	Ethyl Benzene	20.3	
4. 630-20-6	1,1,2-Tetrachloroethane	19.9	
5.	m + p Xylene	40.8	
6. 95-47-6	o Xylene	20.4	
7. 100-42-5	Styrene	20.3	
8. 75-25-2	Bromoform	19.9	
9. 98-82-8	Isopropylbenzene	20.9	
10. 108-86-1	Bromobenzene	20.3	
11. 79-34-5	1,1,2-Tetrachloroethane	20.5	
12. 96-18-4	1,2,3-Trichloropropane	20.2	
13. 103-65-1	n-Propylbenzene	21.0	
14. 95-49-8	2-Chlorotoluene	20.8	
15. 108-67-8	1,3,5-Trimethylbenzene	20.8	
16. 106-43-4	4-Chlorotoluene	20.6	
17. 98-06-6	tert-Butylbenzene	20.4	
18. 95-63-6	1,2,4-Trimethylbenzene	20.7	
19. 135-98-8	sec-Butylbenzene	20.8	
20. 99-87-6	p-Isopropyltoluene	20.6	
21. 541-73-1	1,3-Dichlorobenzene (v)	20.7	
22. 106-46-7	1,4-Dichlorobenzene (v)	20.1	
23. 104-51-8	n-Butylbenzene	21.4	
24. 95-50-1	1,2-Dichlorobenzene (v)	19.8	
25. 96-12-8	Dibromochloropropane	18.8	
26. 120-82-1	1,2,4-Trichlorobenzene (v)	20.4	
27. 87-68-3	Hexachlorobutadiene	20.7	
28. 91-20-3	Naphthalene(v)	18.8	
29. 87-61-6	1,2,3-Trichlorobenzene	19.4	
30. 1634-04-4	tert-ButylMethylEther	22.2	

See MS.MSD summary for recovery information..

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.04

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: 121221.02 MSD

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061211.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX

ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	20.6	
2. 76-13-1	Freon 113	21.5	
3. 95-93-2	1245 Tetramethylbenz	20.6	
4. 67-64-1	Acetone	106	
5. 78-93-3	Methyl Ethyl Ketone	111	
6. 108-10-1	Methylisobutylketone	110	
7. 75-45-6	Chlorodifluoromethane	21.3	
8. 105-05-5	p Diethylbenzene	20.6	
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See MS.MSD summary for recovery information..

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.05

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.05
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061215.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.05

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.05
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061215.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	2	
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	4	
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter-ButylMethylEther	1	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.05

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.05
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061215.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	3	
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	2	
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.06

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.05 Dupe
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061216.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.06

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: 121221.05 Dupe

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061216.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,1,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	2	
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	4	
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.06

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.05 Dupe
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061216.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	3	
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	2	
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.07

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.07
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061217.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.07

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.07
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061217.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.07

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.07
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061217.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.08

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.08
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061218.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlordifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	12	
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.08

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: 121221.08

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061218.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2 Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1112Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1122Tetrachloroethane	1	U
12. 96-18-4	123-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	135-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	124-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3 Dichlorobenzene (v)	1	U
22. 106-46-7	1,4 Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2 Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	124-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	123-Trichlorobenzene	1	U
30. 1634-04-4	ter-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.08

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: 121221.08

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061218.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.09

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.09
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061219.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	20	
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.09

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: 121221.09

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061219.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,1,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.09

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: 121221.09
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061219.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.10

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) water Lab Sample ID: Trip Blank
 Sample wt/vol: 5 (g/mL) ml Lab File ID: 04061208.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: na Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 75-71-8	Dichlorodifluoromethane	1	U
2. 74-87-3	Chloromethane	1	U
3. 75-01-4	Vinyl Chloride	1	U
4. 74-83-9	Bromomethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-69-4	Trichlorofluoromethane	1	U
7. 75-35-4	1,1 Dichloroethene	1	U
8. 75-09-2	Methylene Chloride	1	U
9. 156-60-5	t-1,2-Dichloroethene	1	U
10. 75-34-3	1,1 Dichloroethane	1	U
11. 594-20-7	2,2-Dichloropropane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 74-97-5	Bromochloromethane	1	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 563-58-6	1,1-Dichloropropene	1	U
18. 71-43-2	Benzene	1	U
19. 107-06-2	1,2 Dichloroethane	1	U
20. 79-01-6	Trichloroethene	1	U
21. 78-87-5	1,2 Dichloropropane	1	U
22. 74-95-3	Dibromomethane	1	U
23. 75-27-4	Bromodichloromethane	1	U
24. 10061-01-5	c-1,3Dichloropropene	1	U
25. 108-88-3	Toluene	1	U
26. 10061-02-6	t-1,3Dichloropropene	1	U
27. 79-00-5	112 Trichloroethane	1	U
28. 127-18-4	Tetrachloroethene	1	U
29. 142-28-9	1,3-Dichloropropane	1	U
30. 124-48-1	Chlorodibromomethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.10

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: Trip Blank

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061208.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 106-93-4	1,2-Dibromoethane	1	U
2. 108-90-7	Chlorobenzene	1	U
3. 100-41-4	Ethyl Benzene	1	U
4. 630-20-6	1,1,1,2-Tetrachloroethane	1	U
5.	m + p Xylene	2	U
6. 95-47-6	o Xylene	1	U
7. 100-42-5	Styrene	1	U
8. 75-25-2	Bromoform	1	U
9. 98-82-8	Isopropylbenzene	1	U
10. 108-86-1	Bromobenzene	1	U
11. 79-34-5	1,1,2,2-Tetrachloroethane	1	U
12. 96-18-4	1,2,3-Trichloropropane	1	U
13. 103-65-1	n-Propylbenzene	1	U
14. 95-49-8	2-Chlorotoluene	1	U
15. 108-67-8	1,3,5-Trimethylbenzene	1	U
16. 106-43-4	4-Chlorotoluene	1	U
17. 98-06-6	tert-Butylbenzene	1	U
18. 95-63-6	1,2,4-Trimethylbenzene	1	U
19. 135-98-8	sec-Butylbenzene	1	U
20. 99-87-6	p-Isopropyltoluene	1	U
21. 541-73-1	1,3-Dichlorobenzene (v)	1	U
22. 106-46-7	1,4-Dichlorobenzene (v)	1	U
23. 104-51-8	n-Butylbenzene	1	U
24. 95-50-1	1,2-Dichlorobenzene (v)	1	U
25. 96-12-8	Dibromochloropropane	1	U
26. 120-82-1	1,2,4-Trichlorobenzene (v)	1	U
27. 87-68-3	Hexachlorobutadiene	1	U
28. 91-20-3	Naphthalene(v)	1	U
29. 87-61-6	1,2,3-Trichlorobenzene	1	U
30. 1634-04-4	tert-ButylMethylEther	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

121221.10

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) water

Lab Sample ID: Trip Blank

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061208.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: na

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 622-96-8	p-Ethyltoluene	1	U
2. 76-13-1	Freon 113	1	U
3. 95-93-2	1245 Tetramethylbenz	1	U
4. 67-64-1	Acetone	10	U
5. 78-93-3	Methyl Ethyl Ketone	10	U
6. 108-10-1	Methylisobutylketone	10	U
7. 75-45-6	Chlorodifluoromethane	1	U
8. 105-05-5	p Diethylbenzene	1	U
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Raw Data

- Method Blanks
- Samples
- Standard Spectra
- Matrix Spikes/Matrix Spike Duplicates
- Reference Samples
- Initial Calibration
- Continuing Calibration
- Tentatively Identified Compounds

Method blanks

Summary Reports

Quant Reports and Chromatograms

Spectra for positive hits.

4A
VOLATILE METHOD BLANK SUMMARY

SAMPLE NO

water blank

Lab Name: Ecotest Labs, Inc.

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Lab File ID: 04061205.D

Lab Sample ID: water blank

Date Analyzed: 4/5/12

Time Analyzed: 1011

GC Column: DB-VRX

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: GCMSV4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES. MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	121221.10 5ml	Trip Blank	4061208.D	11:26
02	121221.02 5ml	Sample	4061209.D	11:47
03	121221.02 5ml +20MS (	Matrix Spike	4061210.D	12:09
04	121221.02 5ml +20MSD	Matrix Spike Duplicate	4061211.D	12:31
05	reference 10ug/L	Second source referen	4061212.D	12:53
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COMMENTS:

FORM IV VOA

0/90

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061205.D
 Acq On : 6 Apr 2012 10:11 am
 Operator :
 Sample : blank
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 09 09:18:33 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2444583	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4110413	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2697115	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3200874	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-dichloroethane-d4	3.18	102	296264	51.91	ug/L	0.00
37) toluene-d8	4.93	98	5510392	51.75	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2474562	52.11	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.			
3) chlorodifluoromethane	0.00	67	0	N.D.			
4) chloromethane	0.00	50	0	N.D.			
5) vinyl chloride	0.00	62	0	N.D.			
6) bromomethane	1.38	96	12241m	Below Cal			
7) chloroethane	0.00	64	0	N.D.			
8) trichlorofluoromethane	0.00	101	0	N.D.			
9) freon	0.00	151	0	N.D.			
10) acetone	0.00	58	0	N.D.			
11) 1,1-dichloroethene	0.00	96	0	N.D.			
12) methylene chloride	1.93	84	14599m	0.15 ug/L			
13) carbon disulfide	2.02	76	8042	N.D.			
14) tert-butylmethylether	0.00	73	0	N.D.			
15) trans-1,2-dichloroethene	0.00	96	0	N.D.			
16) vinyl acetate	0.00	43	0	N.D.			
17) 1,1-dichloroethane	0.00	63	0	N.D.			
18) methyl ethyl ketone	0.00	72	0	N.D.			
19) 2,2-dichloropropane	0.00	77	0	N.D.			
20) cis-1,2-dichloroethene	0.00	96	0	N.D.			
21) chloroform	2.83	83	29172m	0.35 ug/L			
22) bromochloromethane	0.00	128	0	N.D.			
23) 1,1,1-trichloroethane	0.00	97	0	N.D.			
25) 1,1-dichloropropene	0.00	75	0	N.D.			
26) carbon tetrachloride	0.00	119	0	N.D.			
28) 1,2-dichloroethane	0.00	62	0	N.D.			
29) benzene	0.00	78	0	N.D.			
30) trichloroethene	0.00	95	0	N.D.			
31) 1,2-dichloropropane	0.00	63	0	N.D.			
32) bromodichloromethane	3.99	83	12247	N.D.			
33) dibromomethane	0.00	93	0	N.D.			
34) 2-chloroethylvinylether	0.00	63	0	N.D.			
35) 4-methyl-2-pentanone	0.00	43	0	N.D.			
36) cis-1,3-dichloropropene	0.00	75	0	N.D.			
38) toluene	4.99	91	12503m	Below Cal			
39) trans-1,3-dichloropropene	0.00	75	0	N.D.			
40) 1,1,2-trichloroethane	0.00	83	0	N.D.			
43) 2-hexanone	0.00	43	0	N.D.			
44) 1,3-dichloropropane	5.00	76	2662m	Below Cal			
45) tetrachloroethene	0.00	166	0	N.D.			
46) dibromochloromethane	5.18	129	5306	N.D.			
47) 1,2-dibromoethane	0.00	107	0	N.D.			
48) chlorobenzene	0.00	112	0	N.D.			
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.			
50) ethylbenzene	6.14	91	6239	N.D.			
51) m+p xylene	6.29	106	7065m	0.15 ug/L			
52) o-xylene	6.60	106	3133	N.D.			
53) styrene	0.00	104	0	N.D.			
54) bromoform	0.00	173	0	N.D.			

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061205.D
 Acq On : 6 Apr 2012 10:11 am
 Operator :
 Sample : blank
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

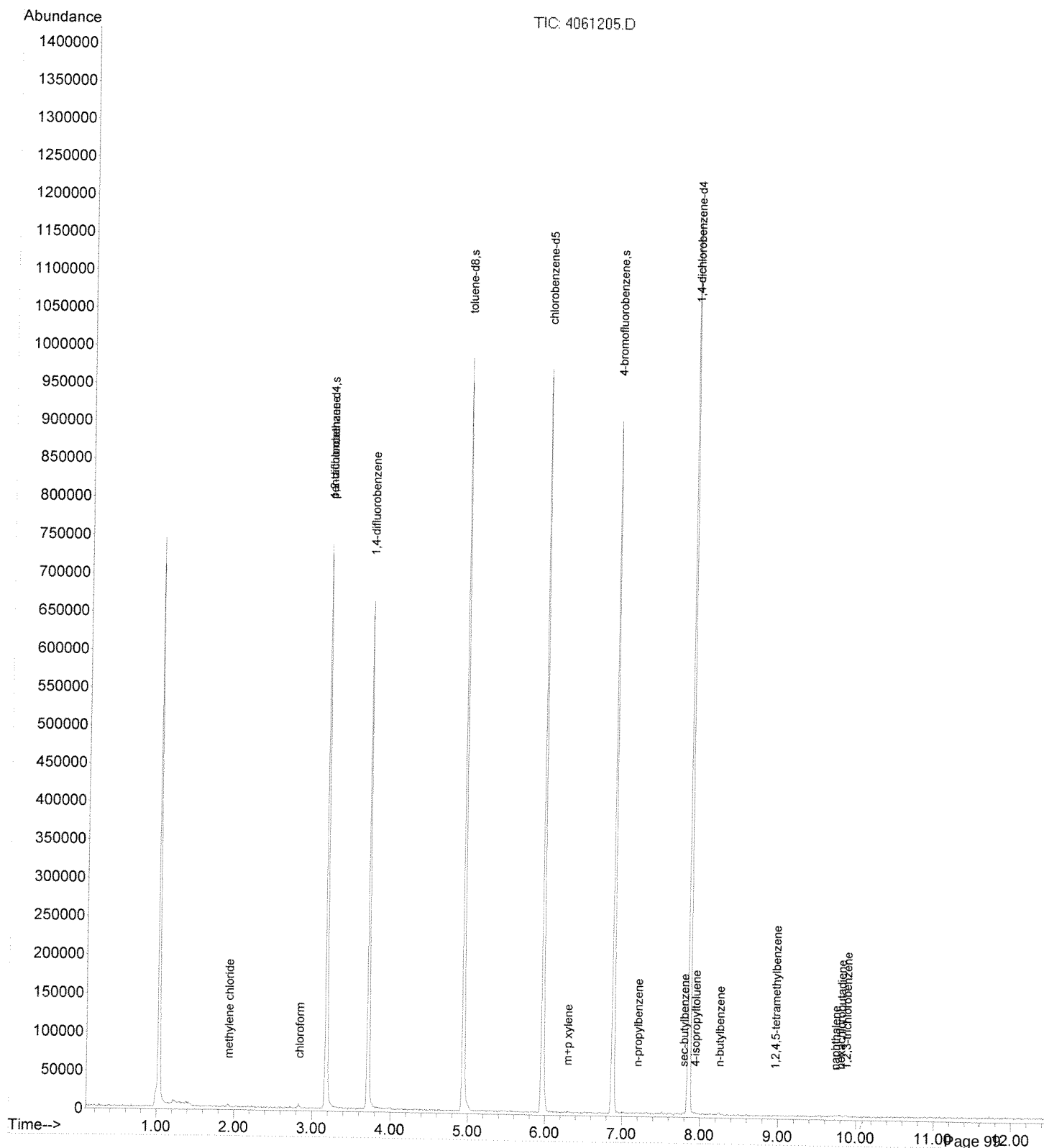
Quant Time: Apr 09 09:18:33 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	11221	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.19	91	6741m	0.12	ug/L	
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	7.31	105	7008	N.D.		
62) 1,3,5-trimethylbenzene	7.43	120	3087	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	7.72	105	6297	N.D.		
67) sec-butylbenzene	7.78	105	9578m	0.13	ug/L	
68) 4-isopropyltoluene	7.94	119	11626m	0.12	ug/L	
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	8.02	105	5240	N.D.		
72) n-butylbenzene	8.25	92	5220m	0.11	ug/L	
73) p-diethylbenzene	0.00	119	0	N.D.		
74) 1,2-dichlorobenzene	8.14	146	4345m	Below Cal		
75) 1,2,4,5-tetramethylbenzene	8.96	119	7117m	0.14	ug/L	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	9.80	225	5514m	0.22	ug/L	
79) naphthalene	9.72	128	14758m	0.17	ug/L	
80) 1,2,3-trichlorobenzene	9.88	180	7743m	0.17	ug/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061205.D
Acq On : 6 Apr 2012 10:11 am
Operator :
Sample : blank
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 09 09:18:33 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



4A
VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc.

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Lab File ID: 04061213.D

Lab Sample ID: water blank

Date Analyzed: 4/5/12

Time Analyzed: 1314

GC Column: DB-VRX

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: GCMSV4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	121221.01 5ml	Field Blank	4061214.D	13:36
02	121221.05 5ml	Sample	4061215.D	13:58
03	121221.06 5ml	Duplicate	4061216.D	14:20
04	121221.07 5ml	Sample	4061217.D	14:41
05	121221.08 5ml	Sample	4061218.D	15:03
06	121221.09 5ml	Sample	4061219.D	15:24
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM IV VOA

3/90

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061213.D
 Acq On : 6 Apr 2012 1:14 pm
 Operator :
 Sample : blank
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 09 09:27:46 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2401889	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4073257	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2641937	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3189791	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	298080	52.71	ug/L	0.00
37) toluene-d8	4.93	98	5366707	50.86	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2451864	52.10	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.38	96	15366m	0.16	ug/L	
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	1.67	58	9054m	3.05	ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	1.92	84	9503	N.D.		
13) carbon disulfide	2.03	76	26551	0.33	ug/L #	73
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	2.26	96	6110	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	2.83	83	27934	0.34	ug/L #	18
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	3.54	78	5926m	Below Cal		
30) trichloroethene	3.97	95	4459	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	4.00	83	17191m	0.10	ug/L	
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.99	91	18810m	Below Cal		
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.00	76	4595m	Below Cal		
45) tetrachloroethene	5.50	166	4953m	0.15	ug/L	
46) dibromochloromethane	5.18	129	7359	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	5.98	112	13054m	Below Cal		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.15	91	17390	N.D.		
51) m+p xylene	6.30	106	14225m	0.24	ug/L	
52) o-xylene	6.57	106	6654	N.D.		
53) styrene	6.54	104	12155	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061213.D
 Acq On : 6 Apr 2012 1:14 pm
 Operator :
 Sample : blank
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

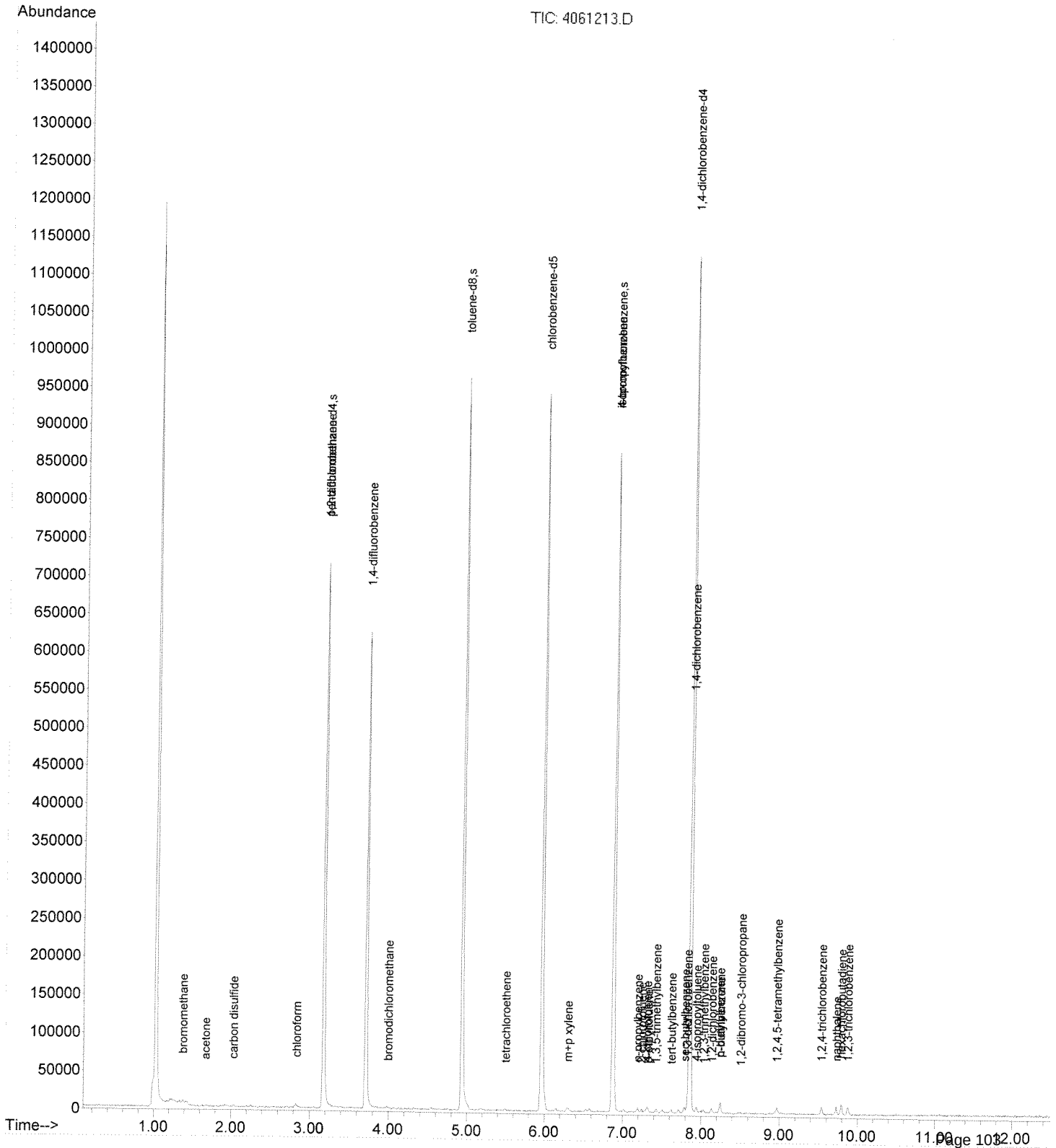
Quant Time: Apr 09 09:27:46 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	23360	0.11	ug/L #	48
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.19	91	25286m	0.21	ug/L	
60) bromobenzene	7.02	156	9469	N.D.		
61) p-ethyltoluene	7.33	105	27445	0.15	ug/L #	42
62) 1,3,5-trimethylbenzene	7.42	120	13641m	0.19	ug/L	
63) 2-chlorotoluene	7.23	126	8384m	0.10	ug/L	
64) 4-chlorotoluene	7.30	126	10251m	0.14	ug/L	
65) tert-butylbenzene	7.62	134	7091m	0.26	ug/L	
66) 1,2,4-trimethylbenzene	7.71	105	20312	N.D.		
67) sec-butylbenzene	7.79	105	34786	0.26	ug/L #	54
68) 4-isopropyltoluene	7.94	119	28536	0.22	ug/L #	50
69) 1,3-dichlorobenzene	7.82	146	20408m	0.10	ug/L	
70) 1,4-dichlorobenzene	7.87	146	30636	0.14	ug/L #	1
71) 1,2,3-trimethylbenzene	8.04	105	23323	0.16	ug/L #	35
72) n-butylbenzene	8.25	92	23032	0.34	ug/L #	60
73) p-diethylbenzene	8.24	119	27887m	0.40	ug/L	
74) 1,2-dichlorobenzene	8.13	146	24034	0.11	ug/L #	25
75) 1,2,4,5-tetramethylbenzene	8.97	119	34464	0.38	ug/L	92
76) 1,2-dibromo-3-chloropropan	8.50	157	3808m	0.41	ug/L	
77) 1,2,4-trichlorobenzene	9.54	180	26543	0.46	ug/L #	72
78) hexachlorobutadiene	9.79	225	25824	1.41	ug/L #	21
79) naphthalene	9.73	128	68962	0.67	ug/L #	71
80) 1,2,3-trichlorobenzene	9.88	180	32856	0.86	ug/L #	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path   : C:\MSDCHEM\2\DATA\040612\
Data File   : 4061213.D
Acq On      : 6 Apr 2012    1:14 pm
Operator    :
Sample      : blank
Misc        :
ALS Vial    : 13    Sample Multiplier: 1
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Quant Time: Apr 09 09:27:46 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Samples

Quant Reports and Chromatograms
Spectra for positive Hits

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061214.D
 Acq On : 6 Apr 2012 1:36 pm
 Operator :
 Sample : 121221.01 5ml
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 09 09:29:44 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2532439	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4283515	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2780365	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3324985	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	303374	51.01	ug/L	0.00
37) toluene-d8	4.93	98	5607871	50.54	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2523021	50.98	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.			
3) chlorodifluoromethane	0.00	67	0	N.D.			
4) chloromethane	0.00	50	0	N.D.			
5) vinyl chloride	0.00	62	0	N.D.			
6) bromomethane	1.39	96	12340m	Below Cal			
7) chloroethane	0.00	64	0	N.D.			
8) trichlorofluoromethane	0.00	101	0	N.D.			
9) freon	0.00	151	0	N.D.			
10) acetone	1.68	58	4769m	1.51	ug/L		
11) 1,1-dichloroethene	0.00	96	0	N.D.			
12) methylene chloride	1.93	84	7272m	Below Cal			
13) carbon disulfide	2.04	76	13008	0.13	ug/L	#	73
14) tert-butylmethylether	0.00	73	0	N.D.			
15) trans-1,2-dichloroethene	2.25	96	5339m	Below Cal			
16) vinyl acetate	0.00	43	0	N.D.			
17) 1,1-dichloroethane	0.00	63	0	N.D.			
18) methyl ethyl ketone	0.00	72	0	N.D.			
19) 2,2-dichloropropane	0.00	77	0	N.D.			
20) cis-1,2-dichloroethene	0.00	96	0	N.D.			
21) chloroform	2.83	83	11447	N.D.			
22) bromochloromethane	0.00	128	0	N.D.			
23) 1,1,1-trichloroethane	0.00	97	0	N.D.			
25) 1,1-dichloropropene	0.00	75	0	N.D.			
26) carbon tetrachloride	0.00	119	0	N.D.			
28) 1,2-dichloroethane	0.00	62	0	N.D.			
29) benzene	0.00	78	0	N.D.			
30) trichloroethene	0.00	95	0	N.D.			
31) 1,2-dichloropropane	0.00	63	0	N.D.			
32) bromodichloromethane	0.00	83	0	N.D.			
33) dibromomethane	0.00	93	0	N.D.			
34) 2-chloroethylvinylether	0.00	63	0	N.D.			
35) 4-methyl-2-pentanone	0.00	43	0	N.D.			
36) cis-1,3-dichloropropene	0.00	75	0	N.D.			
38) toluene	4.98	91	14874m	Below Cal			
39) trans-1,3-dichloropropene	0.00	75	0	N.D.			
40) 1,1,2-trichloroethane	0.00	83	0	N.D.			
43) 2-hexanone	0.00	43	0	N.D.			
44) 1,3-dichloropropane	5.03	76	1550m	Below Cal			
45) tetrachloroethene	0.00	166	0	N.D.			
46) dibromochloromethane	5.19	129	5352	N.D.			
47) 1,2-dibromoethane	0.00	107	0	N.D.			
48) chlorobenzene	0.00	112	0	N.D.			
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.			
50) ethylbenzene	6.15	91	10194	N.D.			
51) m+p xylene	6.29	106	8773m	0.17	ug/L		
52) o-xylene	6.58	106	5927	N.D.			
53) styrene	6.53	104	5894m	Below Cal			
54) bromoform	0.00	173	0	N.D.			

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061214.D
 Acq On : 6 Apr 2012 1:36 pm
 Operator :
 Sample : 121221.01 5ml
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

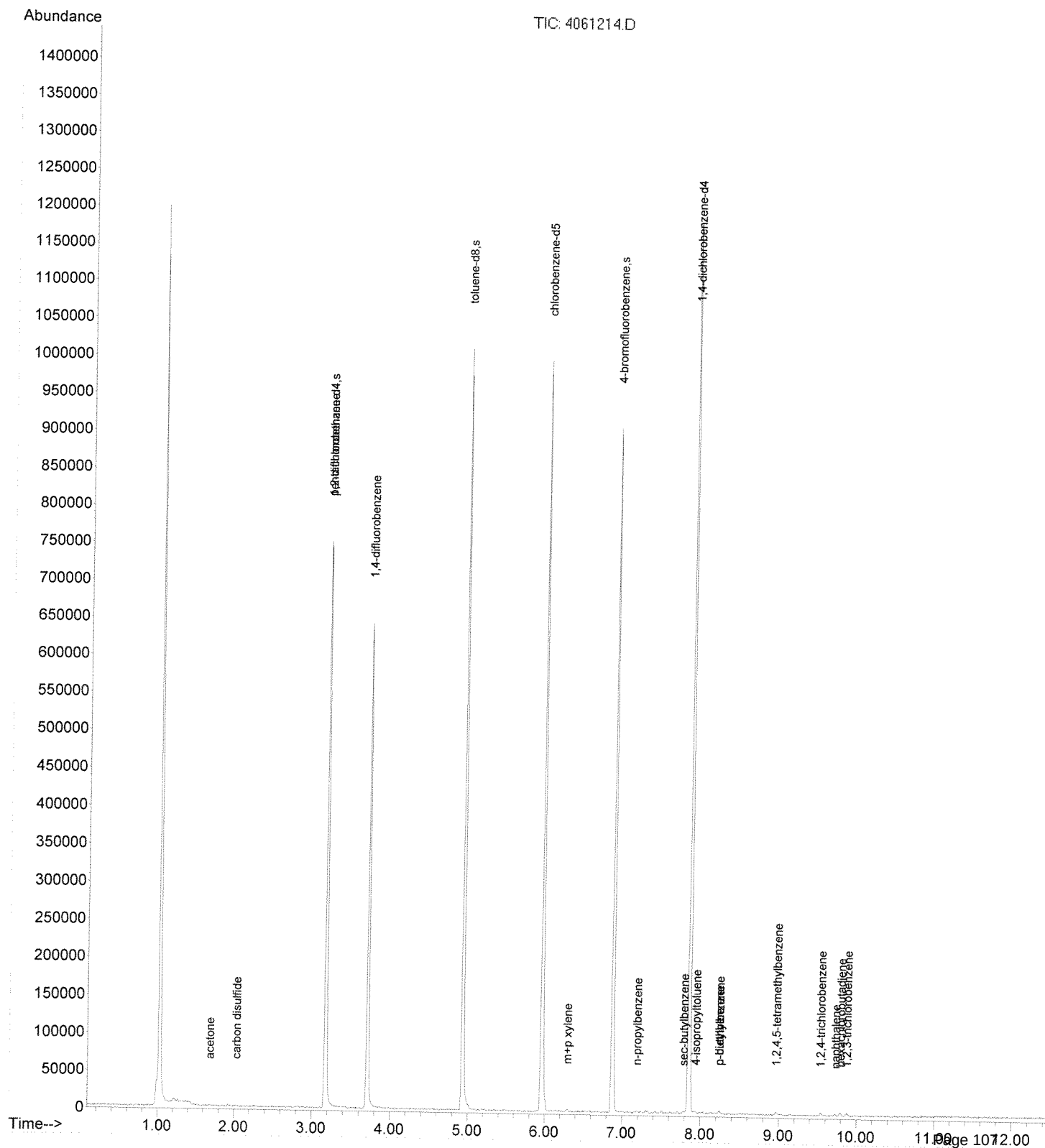
Quant Time: Apr 09 09:29:44 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	10701	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.19	91	11445m	0.14	ug/L	
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	7.33	105	15537	N.D.		
62) 1,3,5-trimethylbenzene	7.42	120	3812	N.D.		
63) 2-chlorotoluene	7.31	126	3602	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	7.71	105	12353	N.D.		
67) sec-butylbenzene	7.79	105	16164m	0.16	ug/L	
68) 4-isopropyltoluene	7.95	119	11405m	0.12	ug/L	
69) 1,3-dichlorobenzene	7.82	146	8736m	Below Cal		
70) 1,4-dichlorobenzene	7.87	146	17996	N.D.		
71) 1,2,3-trimethylbenzene	8.03	105	11233	N.D.		
72) n-butylbenzene	8.25	92	7561m	0.14	ug/L	
73) p-diethylbenzene	8.23	119	8806m	0.20	ug/L	
74) 1,2-dichlorobenzene	8.13	146	9116m	Below Cal		
75) 1,2,4,5-tetramethylbenzene	8.97	119	15126m	0.20	ug/L	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	9.54	180	13231m	0.14	ug/L	
78) hexachlorobutadiene	9.79	225	10585m	0.50	ug/L	
79) naphthalene	9.72	128	19308m	0.21	ug/L	
80) 1,2,3-trichlorobenzene	9.87	180	8348m	0.18	ug/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061214.D
Acq On : 6 Apr 2012 1:36 pm
Operator :
Sample : 121221.01 5ml
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 09 09:29:44 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061209.D
 Acq On : 6 Apr 2012 11:47 am
 Operator :
 Sample : 121221.02 5ml
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 09 09:22:22 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2524905	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4280336	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2786981	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3270611	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	314483	52.92	ug/L	0.00
37) toluene-d8	4.93	98	5694667	51.36	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2536585	51.29	ug/L	0.00

Target Compounds

					Qvalue	
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.39	96	7298m	Below Cal		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	1.68	58	14353m	4.61 ug/L		
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	0.00	84	0	N.D.		
13) carbon disulfide	2.03	76	5562	N.D.		
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	0.00	83	0	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	0.00	78	0	N.D.		
30) trichloroethene	3.95	95	4067m	Below Cal		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.99	91	13773	Below Cal	#	20
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.00	76	1845m	Below Cal		
45) tetrachloroethene	5.49	166	145940m	2.80 ug/L		
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.15	91	11588	N.D.		
51) m+p xylene	6.30	106	12141m	0.21 ug/L		
52) o-xylene	6.58	106	4517	N.D.		
53) styrene	0.00	104	0	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDChem\2\DATA\040612\
 Data File : 4061209.D
 Acq On : 6 Apr 2012 11:47 am
 Operator :
 Sample : 121221.02 5ml
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

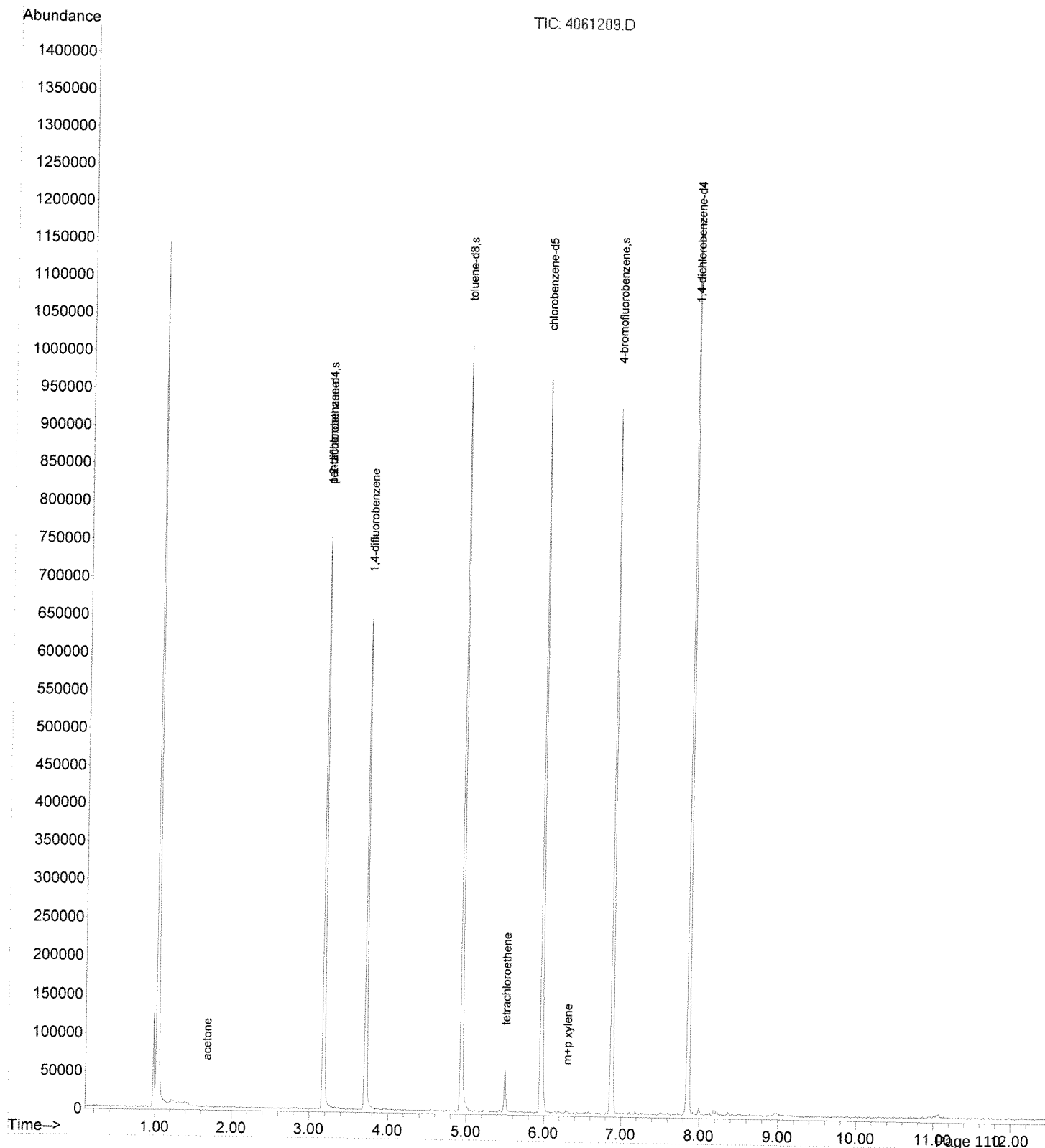
Quant Time: Apr 09 09:22:22 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.87	105	5888	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	0.00	91	0	N.D.		
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	0.00	105	0	N.D.		
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	7.71	105	12772	N.D.		
67) sec-butylbenzene	0.00	105	0	N.D.		
68) 4-isopropyltoluene	0.00	119	0	N.D.		
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.		
72) n-butylbenzene	0.00	92	0	N.D.		
73) p-diethylbenzene	0.00	119	0	N.D.		
74) 1,2-dichlorobenzene	0.00	146	0	N.D.		
75) 1,2,4,5-tetramethylbenzene	0.00	119	0	N.D.		
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	0.00	225	0	N.D.		
79) naphthalene	0.00	128	0	N.D.		
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061209.D
Acq On : 6 Apr 2012 11:47 am
Operator :
Sample : 121221.02 5ml
Misc :
ALS Vial : 9 Sample Multiplier: 1

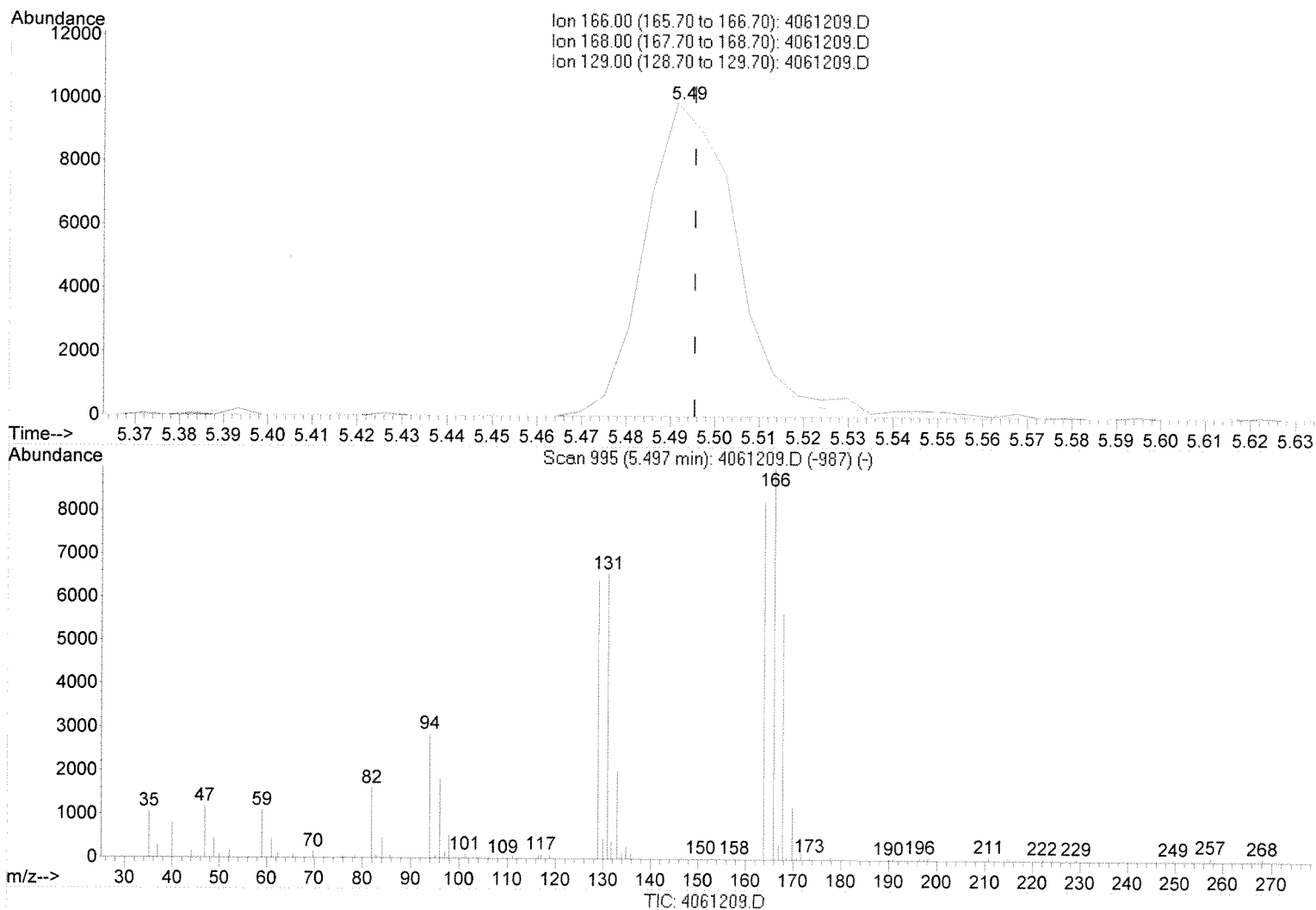
Quant Time: Apr 09 09:22:22 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061209.D
 Acq On : 6 Apr 2012 11:47 am
 Operator :
 Sample : 121221.02 5ml
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 09 09:22:22 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(45) tetrachloroethene

5.491min (-0.004) 2.80ug/L m

response 145940

Ion	Exp%	Act%
166.00	100	100
168.00	46.10	51.56
129.00	69.60	66.39
0.00	0.00	0.00

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061210.D
 Acq On : 6 Apr 2012 12:09 pm
 Operator :
 Sample : 121221.02 5ml +20MS (121221.03)
 Misc : KM040512
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 09:23:38 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2633909	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4411595	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2923472	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3594050	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	314621	51.37	ug/L	0.00
37) toluene-d8	4.93	98	5733349	50.17	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2707183	53.12	ug/L	0.00

Target Compounds

						Qvalue
2) dichlorodifluoromethane	1.12	85	731773	17.61	ug/L	97
3) chlorodifluoromethane	1.10	67	191906	21.05	ug/L	90
4) chloromethane	1.19	50	560631	20.24	ug/L	97
5) vinyl chloride	1.25	62	676338	19.19	ug/L	92
6) bromomethane	1.38	96	393281	19.36	ug/L	100
7) chloroethane	1.43	64	412423	20.01	ug/L	91
8) trichlorofluoromethane	1.64	101	1311140	20.56	ug/L	96
9) freon	1.96	151	649432	21.61	ug/L	93
10) acetone	1.68	58	304621m	109.06	ug/L	
11) 1,1-dichloroethene	1.86	96	565645	20.90	ug/L	98
12) methylene chloride	1.93	84	772909	21.52	ug/L	94
13) carbon disulfide	2.04	76	1786094	21.28	ug/L	98
14) tert-butylmethylether	2.32	73	1982880	21.98	ug/L	97
15) trans-1,2-dichloroethene	2.26	96	735188	21.85	ug/L	97
16) vinyl acetate	2.48	43	6920546	121.00	ug/L	98
17) 1,1-dichloroethane	2.39	63	1336065	22.48	ug/L	97
18) methyl ethyl ketone	2.63	72	455546m	109.01	ug/L	
19) 2,2-dichloropropane	2.88	77	929263	22.12	ug/L	98
20) cis-1,2-dichloroethene	2.71	96	886484	22.13	ug/L	98
21) chloroform	2.83	83	1590432	22.13	ug/L	99
22) bromochloromethane	2.80	128	490610	21.67	ug/L	# 79
23) 1,1,1-trichloroethane	3.29	97	1307513	22.01	ug/L	# 98
25) 1,1-dichloropropene	3.41	75	1197604	21.56	ug/L	97
26) carbon tetrachloride	3.51	119	1045086	21.11	ug/L	94
28) 1,2-dichloroethane	3.22	62	1388793m	21.55	ug/L	
29) benzene	3.54	78	3258066	21.89	ug/L	98
30) trichloroethene	3.97	95	942090	22.69	ug/L	89
31) 1,2-dichloropropane	3.93	63	784196	22.02	ug/L	93
32) bromodichloromethane	3.99	83	1234349	21.53	ug/L	98
33) dibromomethane	3.90	93	564213	22.07	ug/L	89
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	4.54	43	3583069	107.36	ug/L	99
36) cis-1,3-dichloropropene	4.44	75	1241688	21.15	ug/L	95
38) toluene	4.98	91	3983482	21.86	ug/L	98
39) trans-1,3-dichloropropene	4.75	75	1177344	21.32	ug/L	97
40) 1,1,2-trichloroethane	4.85	83	698619	22.85	ug/L	93
43) 2-hexanone	5.16	43	2495791m	100.52	ug/L	
44) 1,3-dichloropropane	5.02	76	1534924	20.80	ug/L	94
45) tetrachloroethene	5.50	166	1158526	22.61	ug/L	98
46) dibromochloromethane	5.19	129	999474	20.12	ug/L	97
47) 1,2-dibromoethane	5.36	107	942846	19.97	ug/L	# 96
48) chlorobenzene	5.98	112	2835762	20.32	ug/L	99
49) 1,1,1,2-tetrachloroethane	5.93	131	955018	20.31	ug/L	# 88
50) ethylbenzene	6.15	91	4393928	20.48	ug/L	95
51) m+p xylene	6.30	106	3668618	41.56	ug/L	97
52) o-xylene	6.58	106	1830067	20.72	ug/L	98
53) styrene	6.53	104	2916637m	20.24	ug/L	
54) bromoform	6.33	173	647234	19.49	ug/L	100

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061210.D
 Acq On : 6 Apr 2012 12:09 pm
 Operator :
 Sample : 121221.02 5ml +20MS (121221.03)
 Misc : KM040512
 ALS Vial : 10 Sample Multiplier: 1

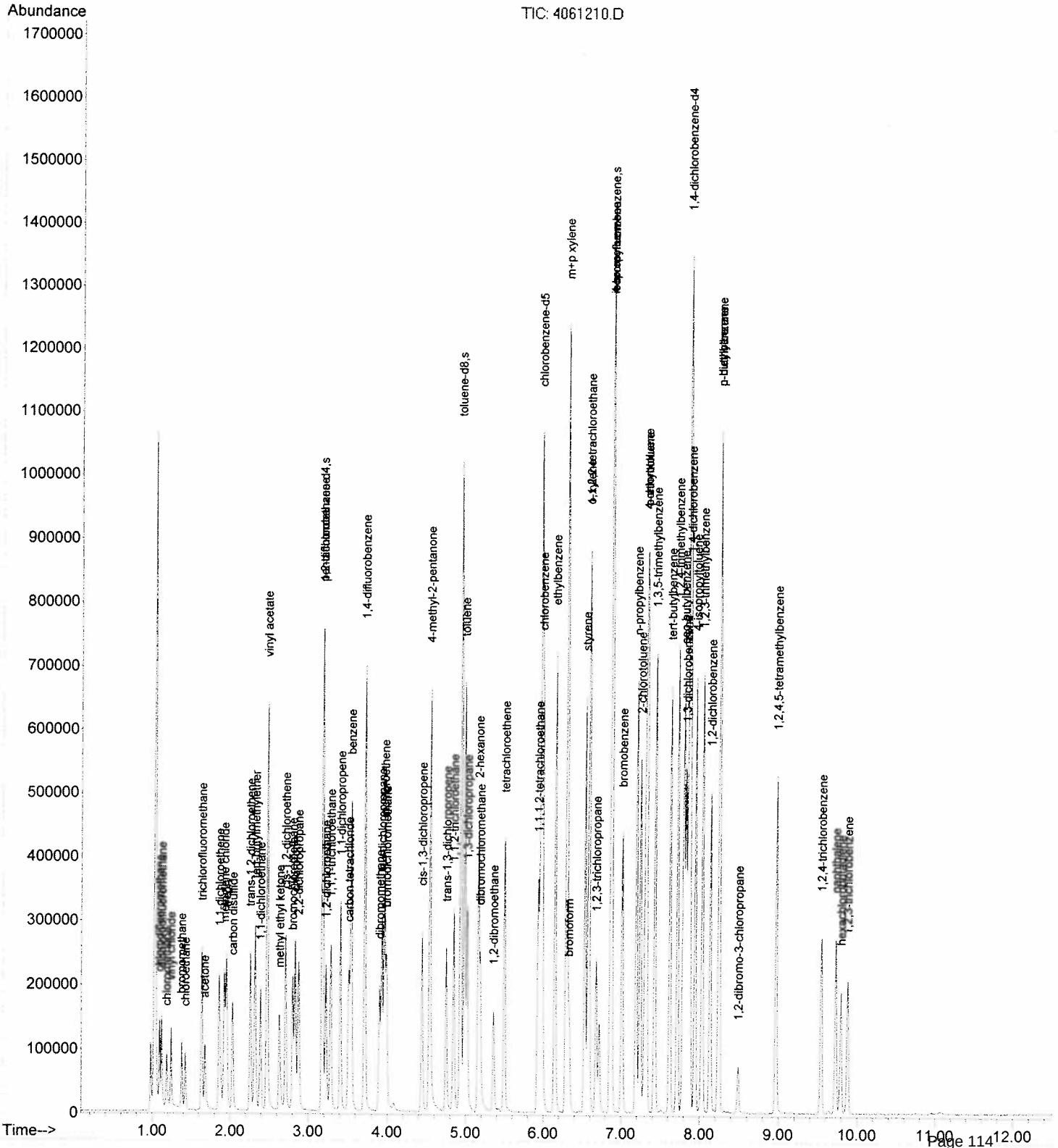
Quant Time: Apr 09 09:23:38 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4337520	20.04	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	1069642	20.29	ug/L	96
58) 1,2,3-trichloropropane	6.68	75	954922m	19.97	ug/L	
59) n-propylbenzene	7.19	91	4606509	19.82	ug/L	95
60) bromobenzene	7.01	156	1248412	19.21	ug/L	96
61) p-ethyltoluene	7.32	105	4382779	20.00	ug/L	98
62) 1,3,5-trimethylbenzene	7.43	120	1897410	20.17	ug/L	99
63) 2-chlorotoluene	7.25	126	1133556	20.15	ug/L	99
64) 4-chlorotoluene	7.31	126	1176788	19.90	ug/L	87
65) tert-butylbenzene	7.62	134	771011	19.99	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	3907970	20.32	ug/L	97
67) sec-butylbenzene	7.79	105	4177763	20.14	ug/L	100
68) 4-isopropyltoluene	7.94	119	3753294	20.00	ug/L	99
69) 1,3-dichlorobenzene	7.82	146	2199363	19.67	ug/L	99
70) 1,4-dichlorobenzene	7.88	146	2299647	19.46	ug/L	98
71) 1,2,3-trimethylbenzene	8.03	105	3871585	19.91	ug/L	97
72) n-butylbenzene	8.25	92	1675177	20.38	ug/L	95
73) p-diethylbenzene	8.24	119	2075395	19.84	ug/L	88
74) 1,2-dichlorobenzene	8.14	146	2109676	19.57	ug/L	97
75) 1,2,4,5-tetramethylbenzene	8.97	119	2725194	19.82	ug/L	100
76) 1,2-dibromo-3-chloropropan	8.49	157	206476	18.58	ug/L	94
77) 1,2,4-trichlorobenzene	9.54	180	943199	19.35	ug/L	95
78) hexachlorobutadiene	9.79	225	392321	20.62	ug/L	94
79) naphthalene	9.73	128	2215513	17.14	ug/L	97
80) 1,2,3-trichlorobenzene	9.88	180	698937	17.80	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061210.D
Acq On : 6 Apr 2012 12:09 pm
Operator :
Sample : 121221.02 5ml +20MS (121221.03)
Misc : KM040512
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 09:23:38 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061211.D
 Acq On : 6 Apr 2012 12:31 pm
 Operator :
 Sample : 121221.02 5ml +20MSD (121221.04)
 Misc : KM040512
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 09:24:52 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2556889	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4338491	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2889299	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3459496	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	285666	47.43	ug/L	0.00
37) toluene-d8	4.93	98	5743423	51.10	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2664630	53.16	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	685116m	16.96	ug/L	
3) chlorodifluoromethane	1.10	67	188321	21.27	ug/L	99
4) chloromethane	1.19	50	536260	19.95	ug/L	98
5) vinyl chloride	1.24	62	662182	19.36	ug/L	93
6) bromomethane	1.38	96	418267	21.05	ug/L	90
7) chloroethane	1.43	64	430297	21.60	ug/L	95
8) trichlorofluoromethane	1.64	101	1317887	21.35	ug/L	98
9) freon	1.95	151	628179	21.53	ug/L	99
10) acetone	1.68	58	289037m	106.12	ug/L	
11) 1,1-dichloroethene	1.86	96	581101	22.18	ug/L	98
12) methylene chloride	1.93	84	774857	22.25	ug/L	93
13) carbon disulfide	2.03	76	1711375	21.02	ug/L	96
14) tert-butylmethylether	2.32	73	1946212	22.22	ug/L	97
15) trans-1,2-dichloroethene	2.26	96	714407	21.87	ug/L	95
16) vinyl acetate	2.47	43	6772977	121.90	ug/L	100
17) 1,1-dichloroethane	2.39	63	1291183	22.39	ug/L	99
18) methyl ethyl ketone	2.63	72	449824m	110.91	ug/L	
19) 2,2-dichloropropane	2.88	77	939739	22.96	ug/L	99
20) cis-1,2-dichloroethene	2.71	96	864142	22.22	ug/L	99
21) chloroform	2.83	83	1554181	22.27	ug/L	100
22) bromochloromethane	2.80	128	485207	22.06	ug/L	# 80
23) 1,1,1-trichloroethane	3.28	97	1297903	22.51	ug/L	# 99
25) 1,1-dichloropropene	3.41	75	1207355	22.09	ug/L	97
26) carbon tetrachloride	3.51	119	1050306	21.58	ug/L	91
28) 1,2-dichloroethane	3.22	62	1415564m	22.34	ug/L	
29) benzene	3.54	78	3193657	21.82	ug/L	98
30) trichloroethene	3.96	95	900490	22.04	ug/L	91
31) 1,2-dichloropropane	3.93	63	726856	20.77	ug/L	# 91
32) bromodichloromethane	3.99	83	1213875	21.53	ug/L	98
33) dibromomethane	3.90	93	542482	21.59	ug/L	88
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	4.54	43	3595285	109.67	ug/L	98
36) cis-1,3-dichloropropene	4.44	75	1212092	21.01	ug/L	98
38) toluene	4.98	91	3981245	22.23	ug/L	96
39) trans-1,3-dichloropropene	4.75	75	1162308	21.39	ug/L	97
40) 1,1,2-trichloroethane	4.84	83	661200	22.01	ug/L	94
43) 2-hexanone	5.16	43	2541323m	103.76	ug/L	
44) 1,3-dichloropropane	5.02	76	1511441	20.72	ug/L	98
45) tetrachloroethene	5.50	166	1157457	22.89	ug/L	98
46) dibromochloromethane	5.19	129	955870	19.50	ug/L	95
47) 1,2-dibromoethane	5.36	107	907303	19.44	ug/L	# 99
48) chlorobenzene	5.98	112	2765263	20.05	ug/L	98
49) 1,1,1,2-tetrachloroethane	5.93	131	925637	19.94	ug/L	# 91
50) ethylbenzene	6.15	91	4311577	20.33	ug/L	95
51) m+p xylene	6.30	106	3562331	40.82	ug/L	99
52) o-xylene	6.58	106	1783766	20.42	ug/L	96
53) styrene	6.53	104	2890307m	20.29	ug/L	
54) bromoform	6.33	173	652538	19.86	ug/L	96

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061211.D
 Acq On : 6 Apr 2012 12:31 pm
 Operator :
 Sample : 121221.02 5ml +20MSD (121221.04)
 Misc : KM040512
 ALS Vial : 11 Sample Multiplier: 1

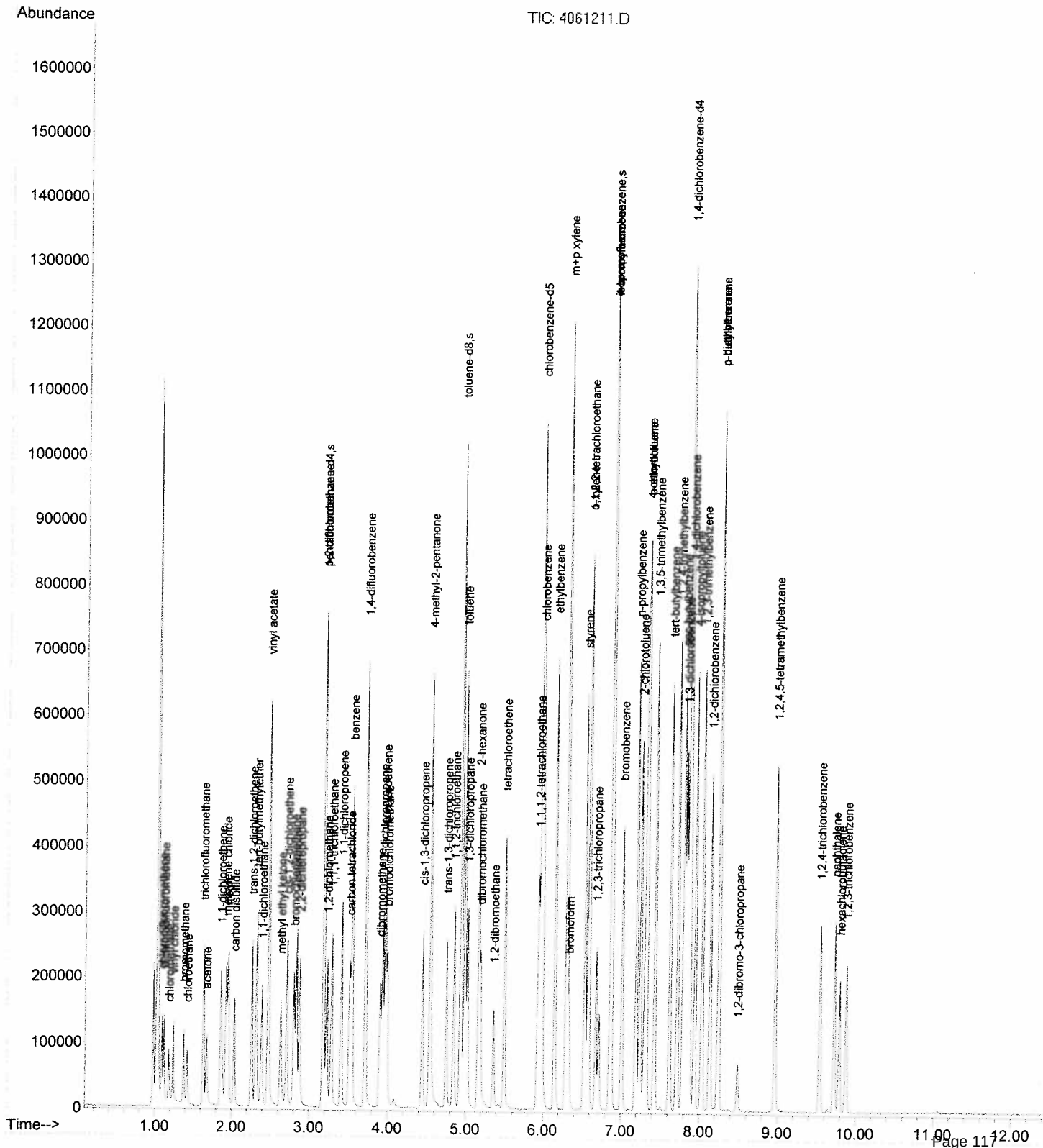
Quant Time: Apr 09 09:24:52 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4351194	20.90	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	1041634	20.54	ug/L	94
58) 1,2,3-trichloropropane	6.68	75	930433	20.24	ug/L	93
59) n-propylbenzene	7.19	91	4697068	21.00	ug/L	95
60) bromobenzene	7.01	156	1269528	20.33	ug/L	99
61) p-ethyltoluene	7.32	105	4338340	20.56	ug/L	97
62) 1,3,5-trimethylbenzene	7.43	120	1885311	20.82	ug/L	100
63) 2-chlorotoluene	7.25	126	1127214	20.82	ug/L	97
64) 4-chlorotoluene	7.31	126	1174292	20.64	ug/L	88
65) tert-butylbenzene	7.62	134	758250	20.44	ug/L	97
66) 1,2,4-trimethylbenzene	7.72	105	3832416	20.70	ug/L	99
67) sec-butylbenzene	7.79	105	4148627	20.79	ug/L	100
68) 4-isopropyltoluene	7.94	119	3715559	20.58	ug/L	99
69) 1,3-dichlorobenzene	7.82	146	2223567	20.68	ug/L	98
70) 1,4-dichlorobenzene	7.87	146	2282544	20.08	ug/L	99
71) 1,2,3-trimethylbenzene	8.03	105	3780196	20.20	ug/L	95
72) n-butylbenzene	8.25	92	1686855	21.36	ug/L	95
73) p-diethylbenzene	8.24	119	2069968	20.56	ug/L	88
74) 1,2-dichlorobenzene	8.14	146	2048939	19.75	ug/L	96
75) 1,2,4,5-tetramethylbenzene	8.97	119	2731740	20.59	ug/L	99
76) 1,2-dibromo-3-chloropropan	8.49	157	201403	18.82	ug/L	87
77) 1,2,4-trichlorobenzene	9.54	180	957959	20.42	ug/L #	96
78) hexachlorobutadiene	9.79	225	379514	20.73	ug/L	92
79) naphthalene	9.72	128	2343810	18.76	ug/L	98
80) 1,2,3-trichlorobenzene	9.88	180	728282	19.38	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061211.D
Acq On : 6 Apr 2012 12:31 pm
Operator :
Sample : 121221.02 5ml +20MSD (121221.04)
Misc : KM040512
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 09:24:52 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2593431	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4404660	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2828643	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3454257	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	309546	50.62	ug/L	0.00
37) toluene-d8	4.93	98	5725260	50.18	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2611063	51.31	ug/L	0.00

Target Compounds

						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.39	96	15586	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	1.70	58	9670m	3.01	ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	0.00	84	0	N.D.		
13) carbon disulfide	2.04	76	15068m	0.15	ug/L	
14) tert-butylmethylether	2.32	73	92300	1.00	ug/L	# 82
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	0.00	83	0	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	3.54	78	83468	0.47	ug/L	# 52
30) trichloroethene	0.00	95	0	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.	d	
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.98	91	29590	N.D.		
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.00	76	2295m	Below	Cal	
45) tetrachloroethene	5.50	166	7229m	0.18	ug/L	
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.15	91	16195	N.D.		
51) m+p xylene	6.29	106	16803m	0.26	ug/L	
52) o-xylene	6.59	106	7161	N.D.		
53) styrene	0.00	104	0	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

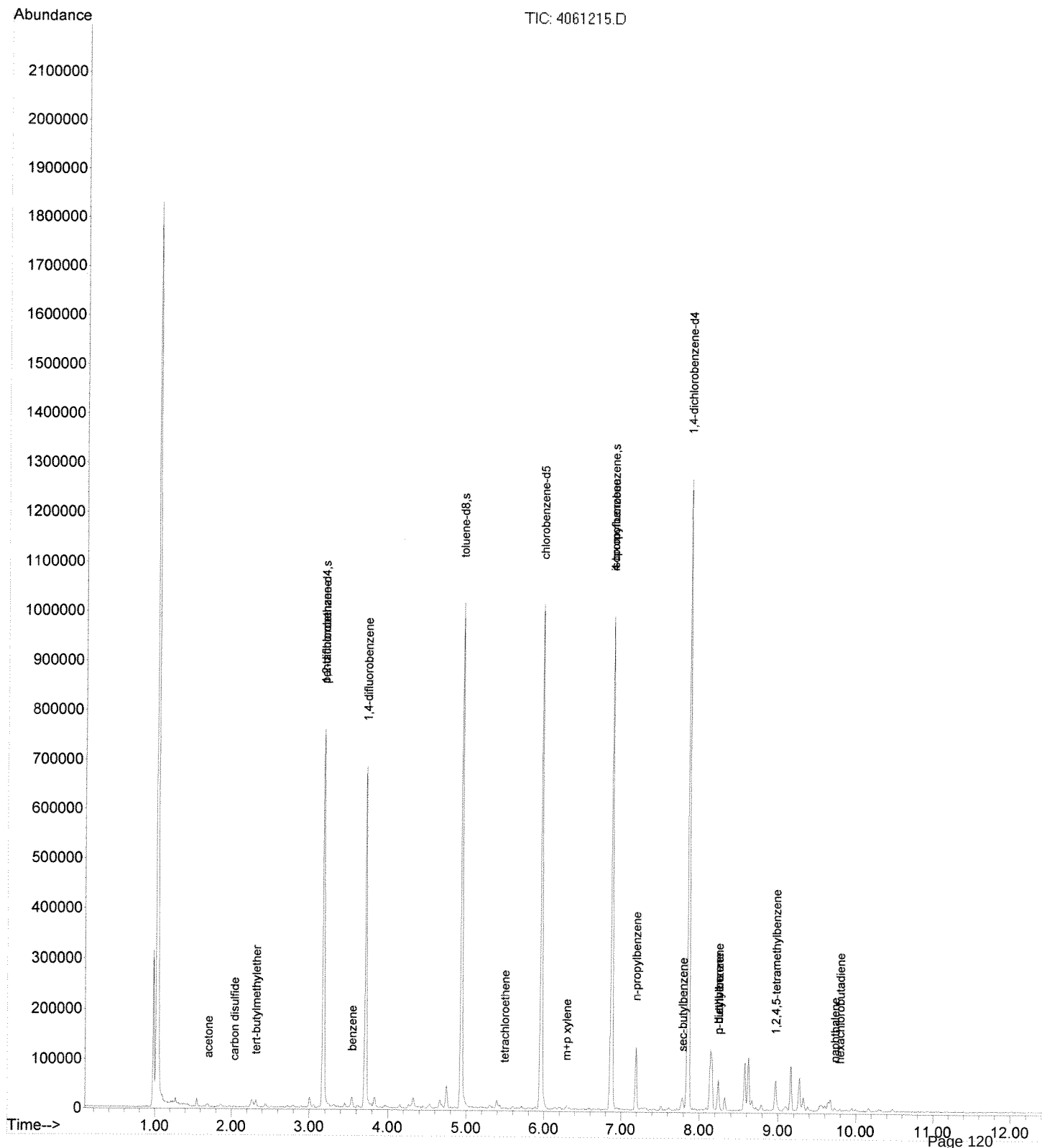
Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	412112	1.95	ug/L	98
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.19	91	885510	4.01	ug/L	97
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	0.00	105	0	N.D.		
62) 1,3,5-trimethylbenzene	7.43	120	3083	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	7.71	105	14100	N.D.		
67) sec-butylbenzene	7.79	105	127478	0.70	ug/L #	65
68) 4-isopropyltoluene	7.94	119	8118	N.D.		
69) 1,3-dichlorobenzene	7.82	146	14040	N.D.		
70) 1,4-dichlorobenzene	7.86	146	10895m	Below Cal		
71) 1,2,3-trimethylbenzene	8.03	105	14232	N.D.		
72) n-butylbenzene	8.25	92	35220	0.47	ug/L #	2
73) p-diethylbenzene	8.24	119	168697m	1.77	ug/L	
74) 1,2-dichlorobenzene	8.13	146	12497m	Below Cal		
75) 1,2,4,5-tetramethylbenzene	8.97	119	340153	2.79	ug/L	90
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	9.54	180	9630	N.D.		
78) hexachlorobutadiene	9.79	225	4589m	0.15	ug/L	
79) naphthalene	9.72	128	20494m	0.21	ug/L	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061215.D
Acq On : 6 Apr 2012 1:58 pm
Operator :
Sample : 121221.05 5ml
Misc :
ALS Vial : 15 Sample Multiplier: 1

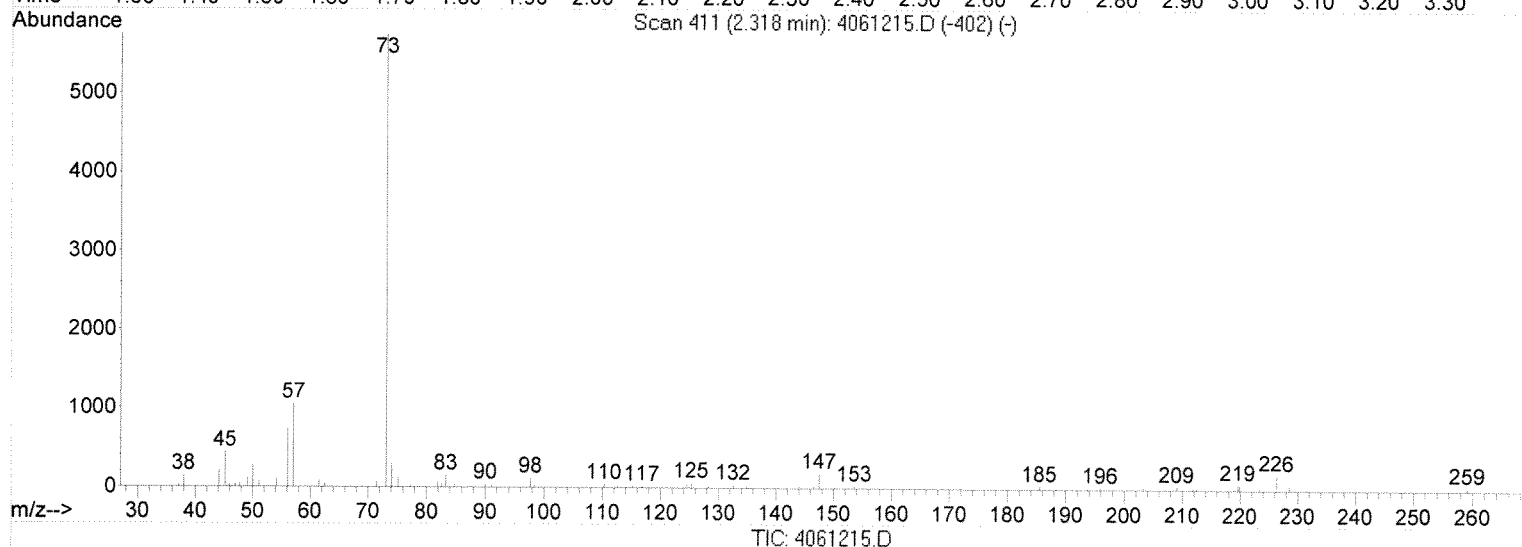
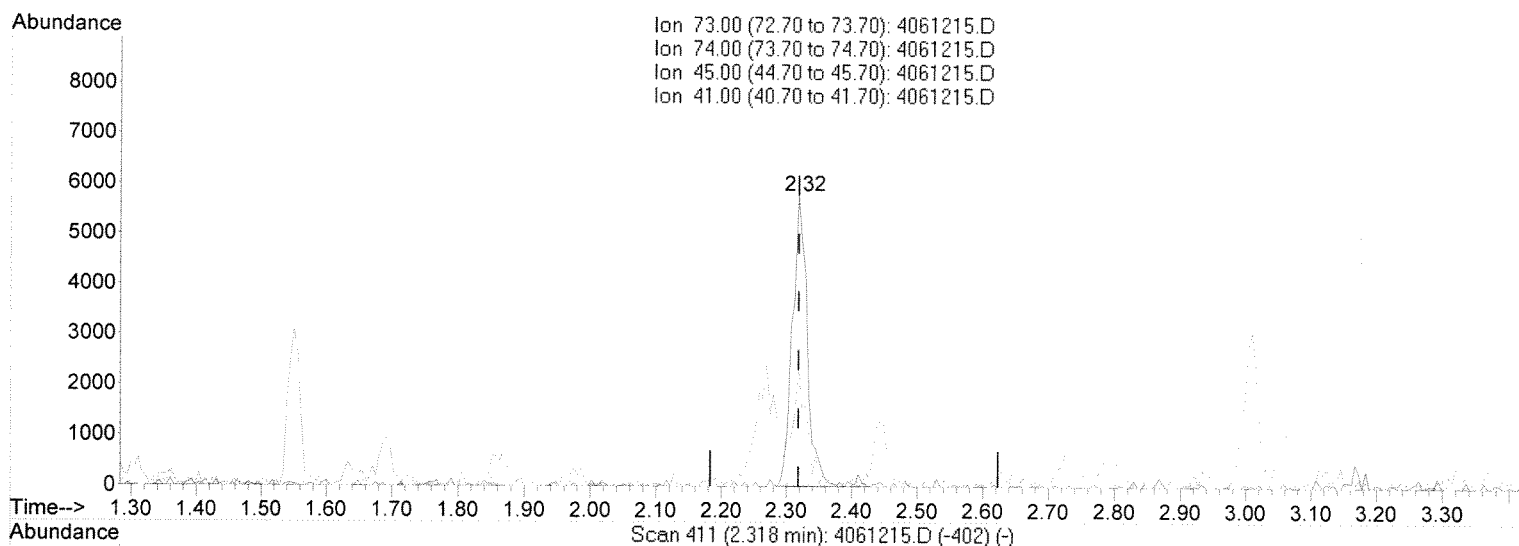
Quant Time: Apr 09 09:31:30 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(14) tert-butylmethylether

2.322min (+0.003) 1.00ug/L

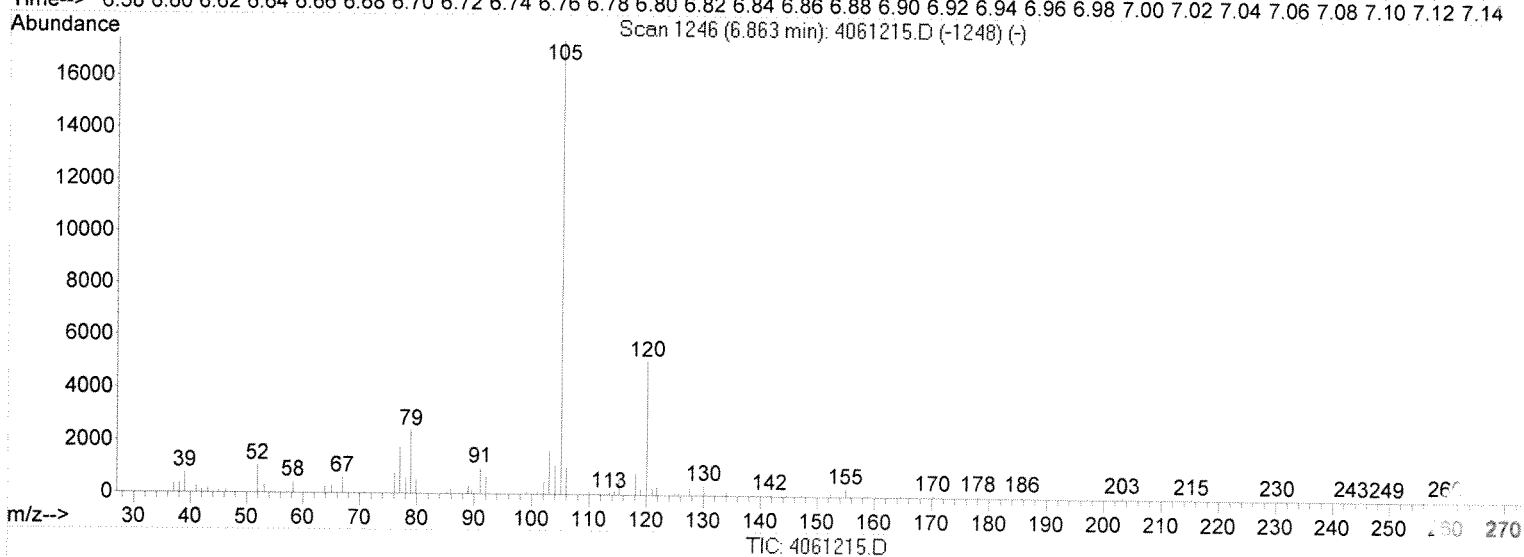
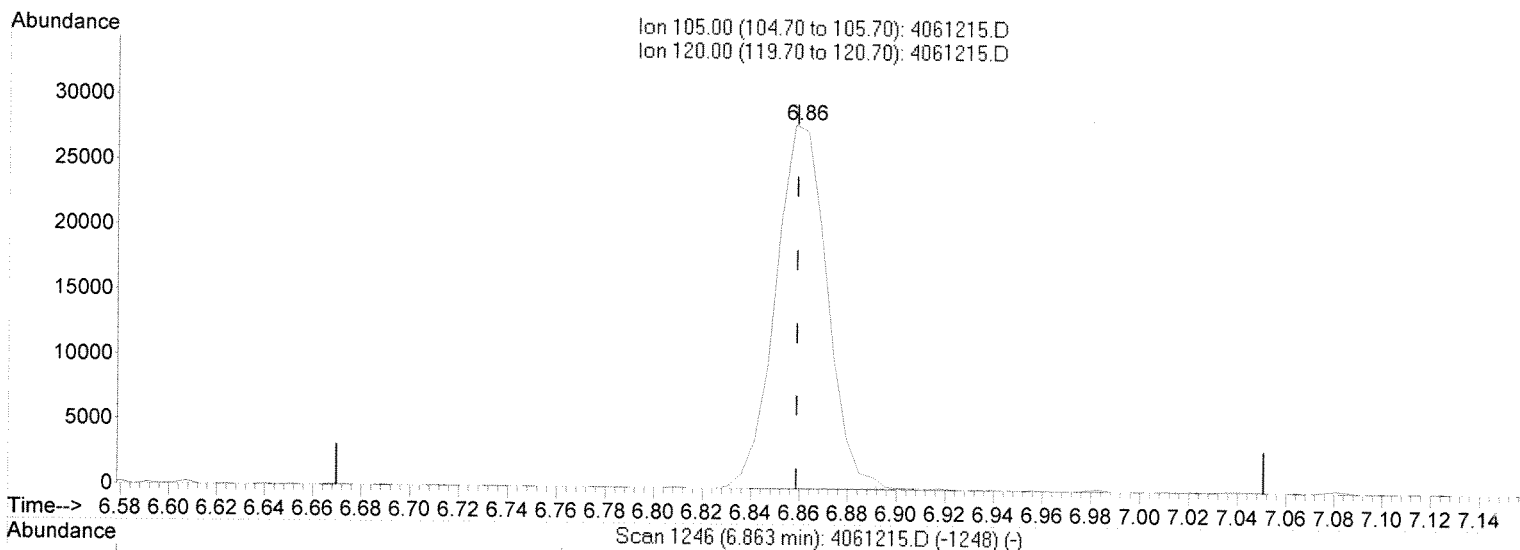
response 92300

Ion	Exp%	Act%
73.00	100	100
74.00	4.50	0.00#
45.00	5.10	0.00#
41.00	28.80	38.64#

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(56) isopropylbenzene

6.862min (+0.003) 1.95ug/L

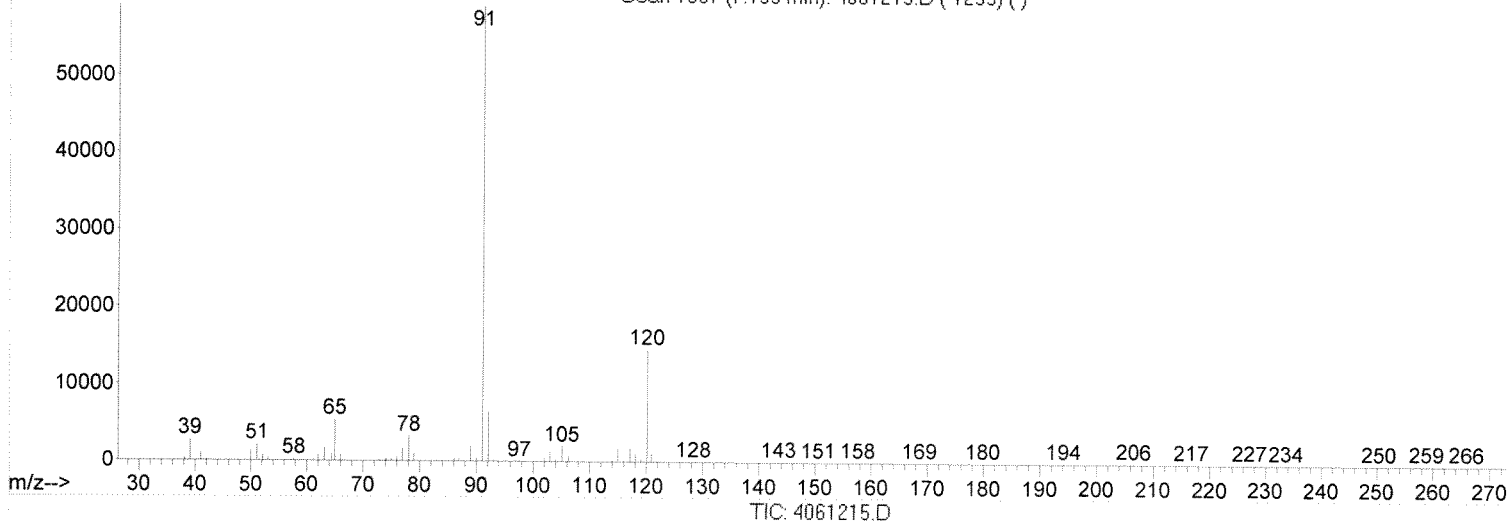
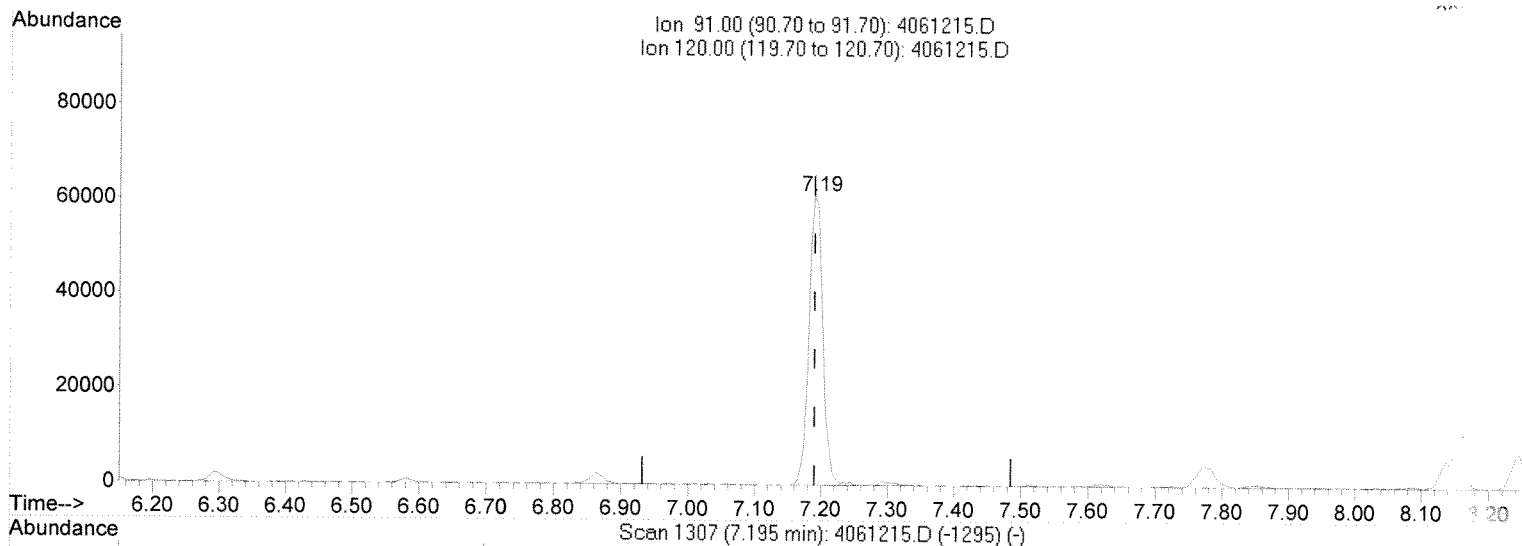
response 412112

Ion	Exp%	Act%
105.00	100	100
120.00	27.20	28.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(59) n-propylbenzene

7.194min (+0.003) 4.01ug/L

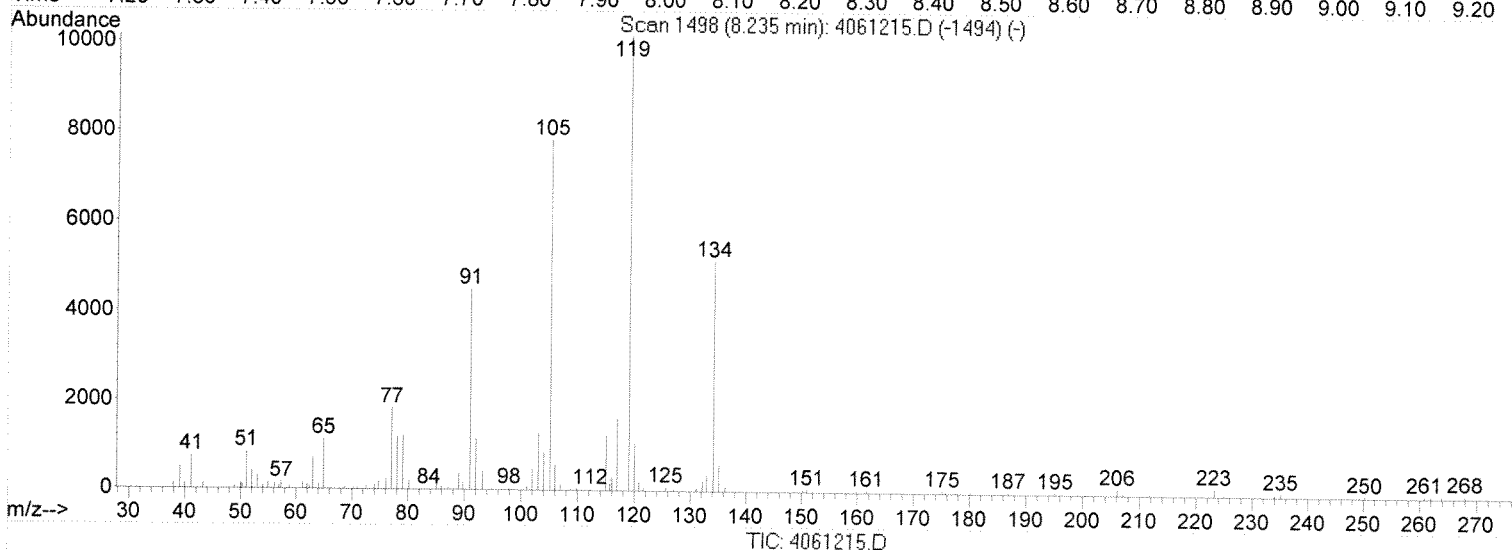
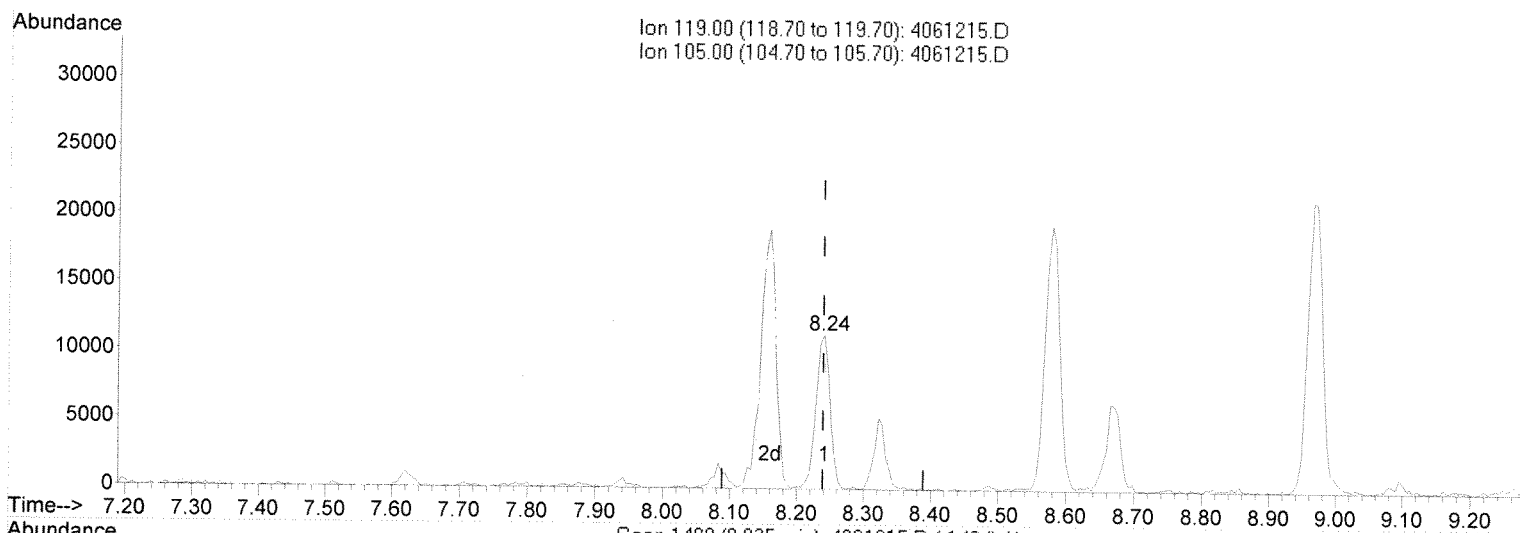
response 885510

Ion	Exp%	Act%
91.00	100	100
120.00	23.50	24.95
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(73) p-diethylbenzene

8.240min (+0.001) 1.77ug/L m

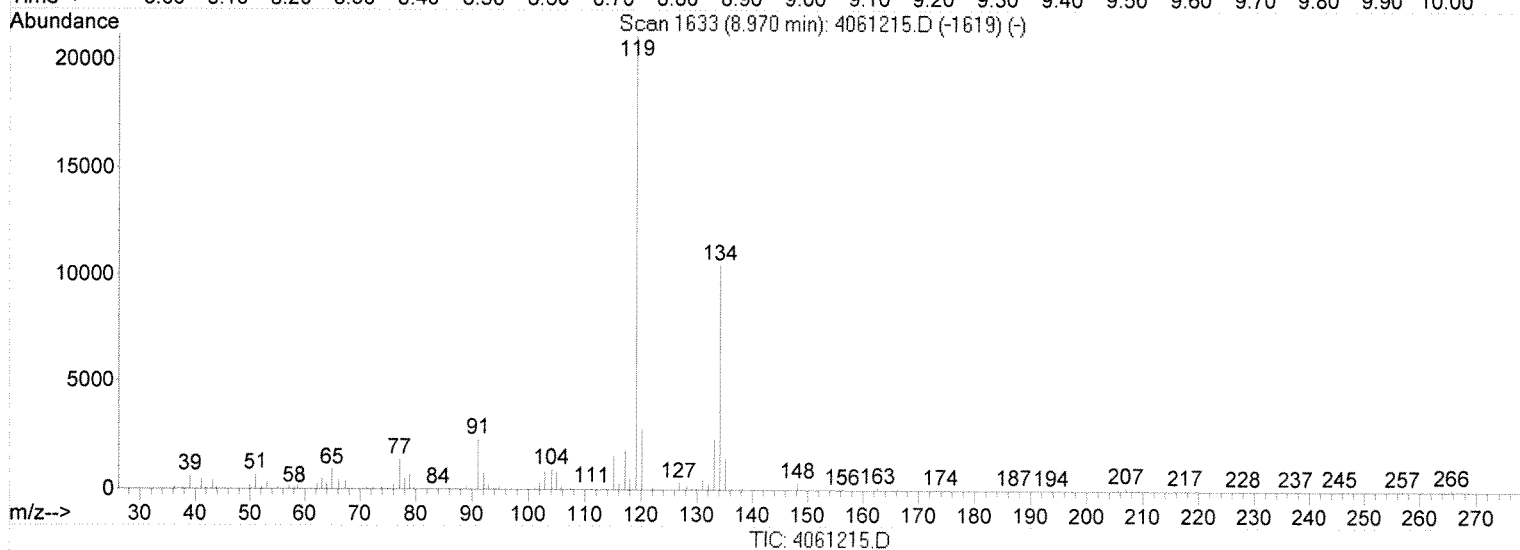
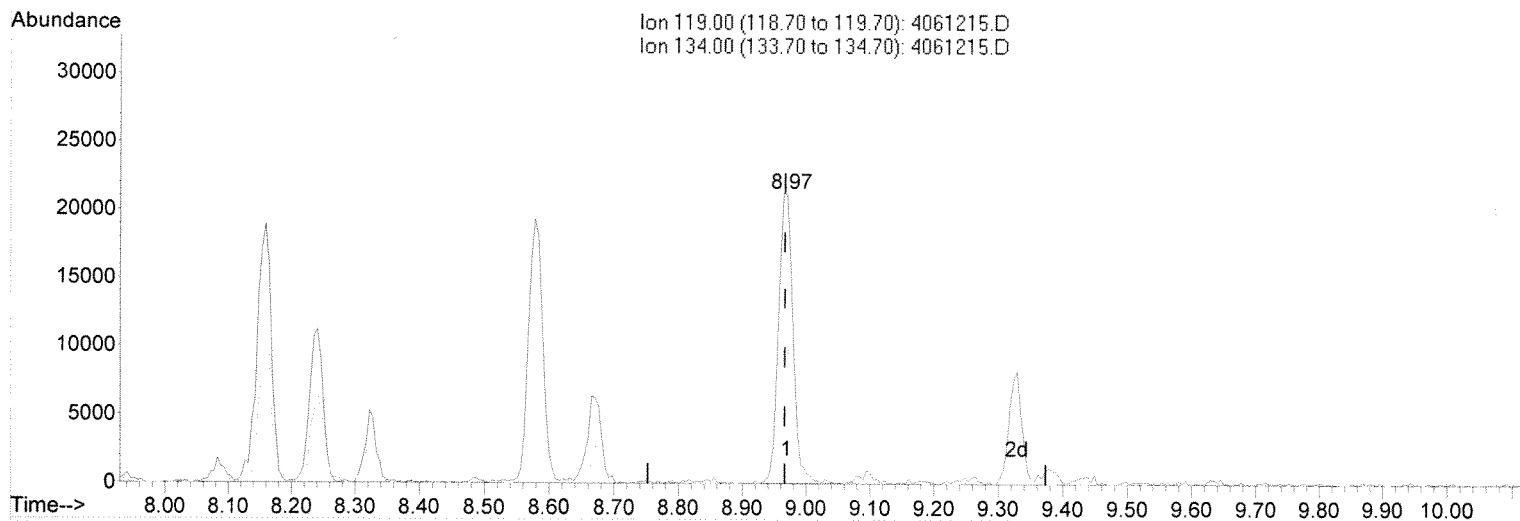
response 168697

Ion	Exp%	Act%
119.00	100	100
105.00	80.30	79.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061215.D
 Acq On : 6 Apr 2012 1:58 pm
 Operator :
 Sample : 121221.05 5ml
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 09:31:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(75) 1,2,4,5-tetramethylbenzene

8.969min (+0.002) 2.79ug/L

response 340153

Ion	Exp%	Act%
119.00	100	100
134.00	48.90	42.27
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2606749	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4328306	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2801796	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3521495	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	306617	51.02	ug/L	0.00
37) toluene-d8	4.93	98	5732872	51.13	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2633354	52.66	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.38	96	9610m	Below Cal		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	0.00	58	0	N.D.		
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	0.00	84	0	N.D.		
13) carbon disulfide	2.03	76	11697m	0.11	ug/L	
14) tert-butylmethylether	2.32	73	90544m	0.98	ug/L	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	0.00	83	0	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	3.54	78	86522	0.50	ug/L #	89
30) trichloroethene	0.00	95	0	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D. d		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.98	91	24623	Below Cal #		20
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	0.00	76	0	N.D. d		
45) tetrachloroethene	0.00	166	0	N.D.		
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.13	91	18067	N.D.		
51) m+p xylene	6.29	106	16063m	0.25	ug/L	
52) o-xylene	6.58	106	5430	N.D.		
53) styrene	0.00	104	0	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

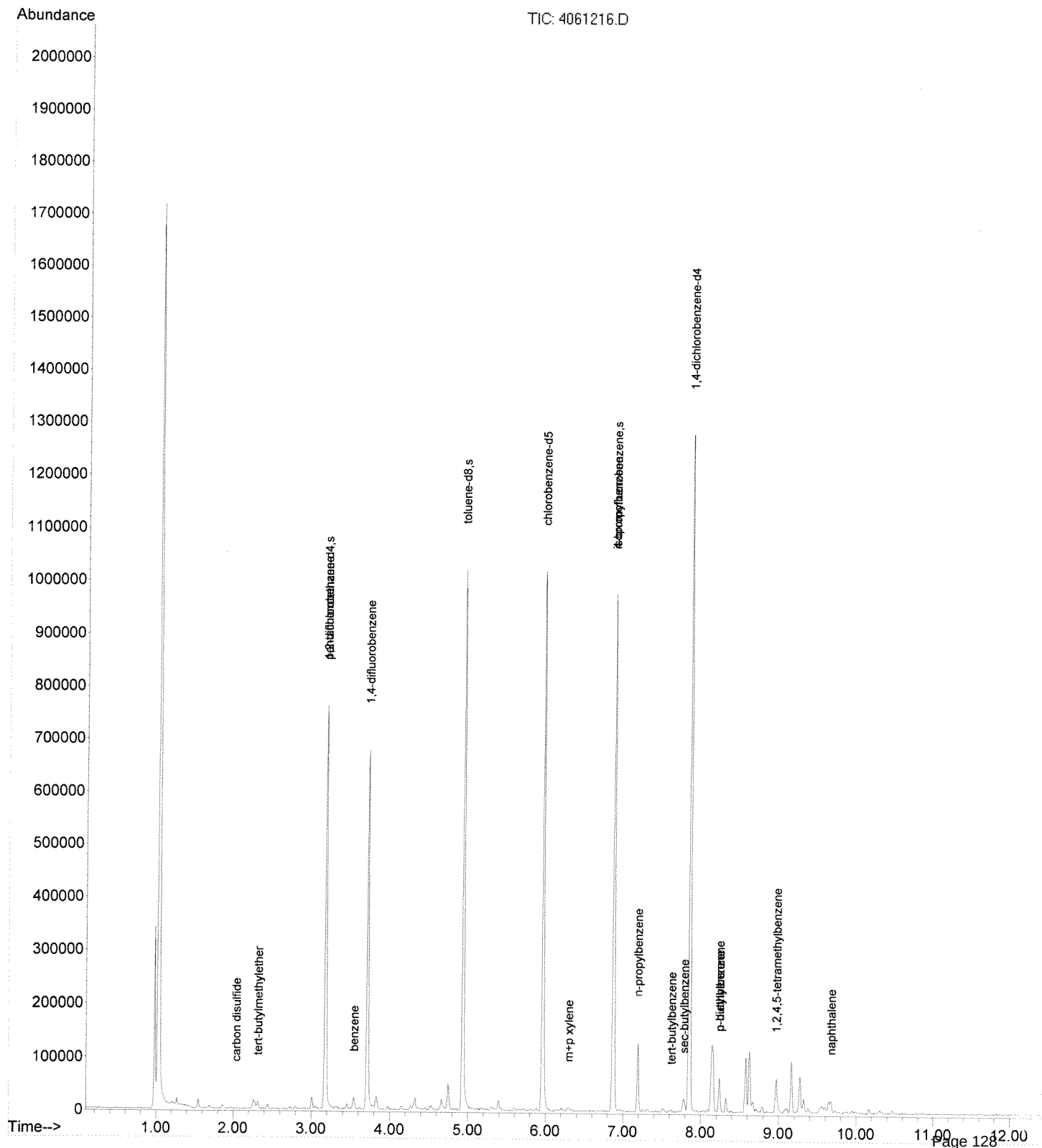
Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	433447	2.01	ug/L	97
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.19	91	875984	3.89	ug/L	94
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	0.00	105	0	N.D.		
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	7.63	134	2969m	0.13	ug/L	
66) 1,2,4-trimethylbenzene	7.71	105	9309	N.D.		
67) sec-butylbenzene	7.79	105	122015	0.66	ug/L #	61
68) 4-isopropyltoluene	7.94	119	8093	N.D.		
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	8.03	105	13919	N.D.		
72) n-butylbenzene	8.25	92	36815	0.48	ug/L #	7
73) p-diethylbenzene	8.24	119	186429m	1.91	ug/L	
74) 1,2-dichlorobenzene	8.14	146	19287	N.D.		
75) 1,2,4,5-tetramethylbenzene	8.97	119	344840	2.78	ug/L	98
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	0.00	225	0	N.D.		
79) naphthalene	9.68	128	25192m	0.25	ug/L	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061216.D
Acq On : 6 Apr 2012 2:20 pm
Operator :
Sample : 121221.06 5ml
Misc :
ALS Vial : 16 Sample Multiplier: 1

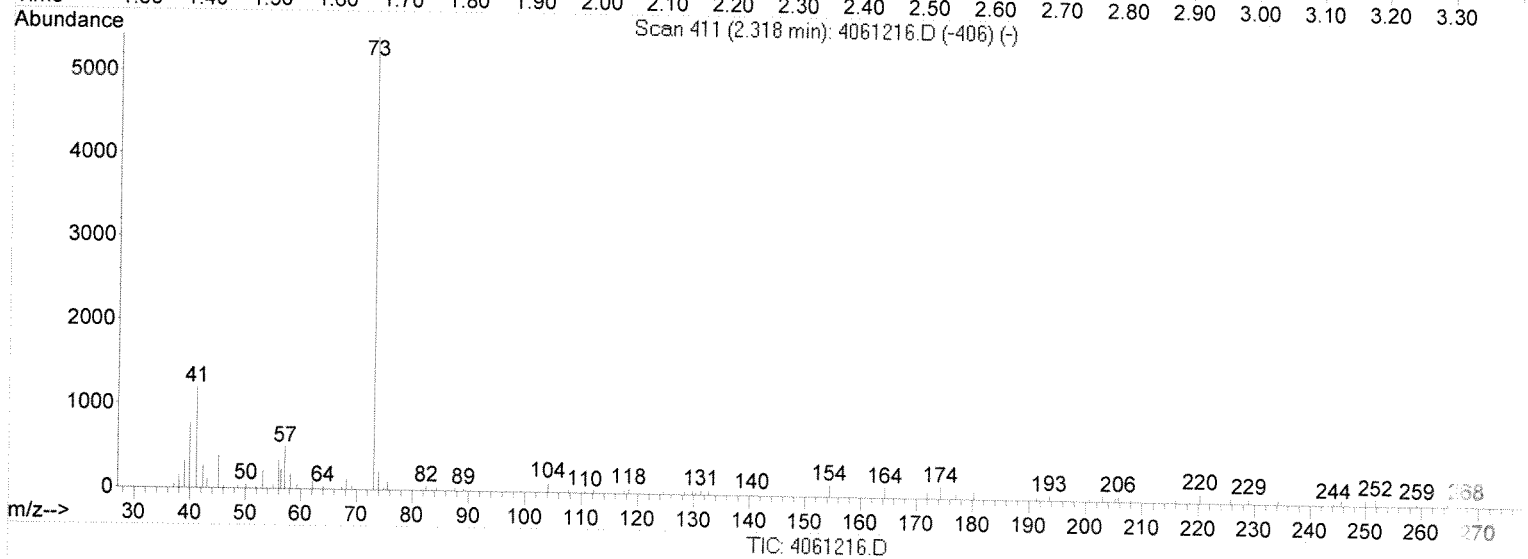
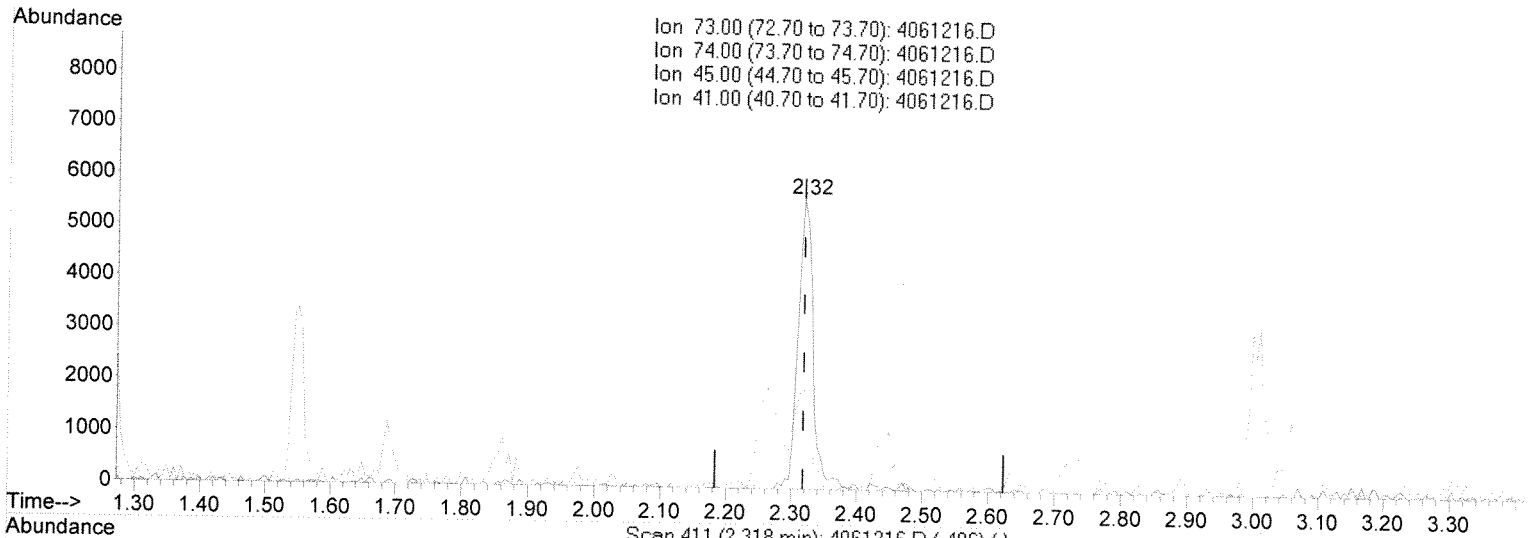
Quant Time: Apr 09 09:33:30 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(14) tert-butylmethylether

2.318min (-0.001) 0.98ug/L m

response 90544

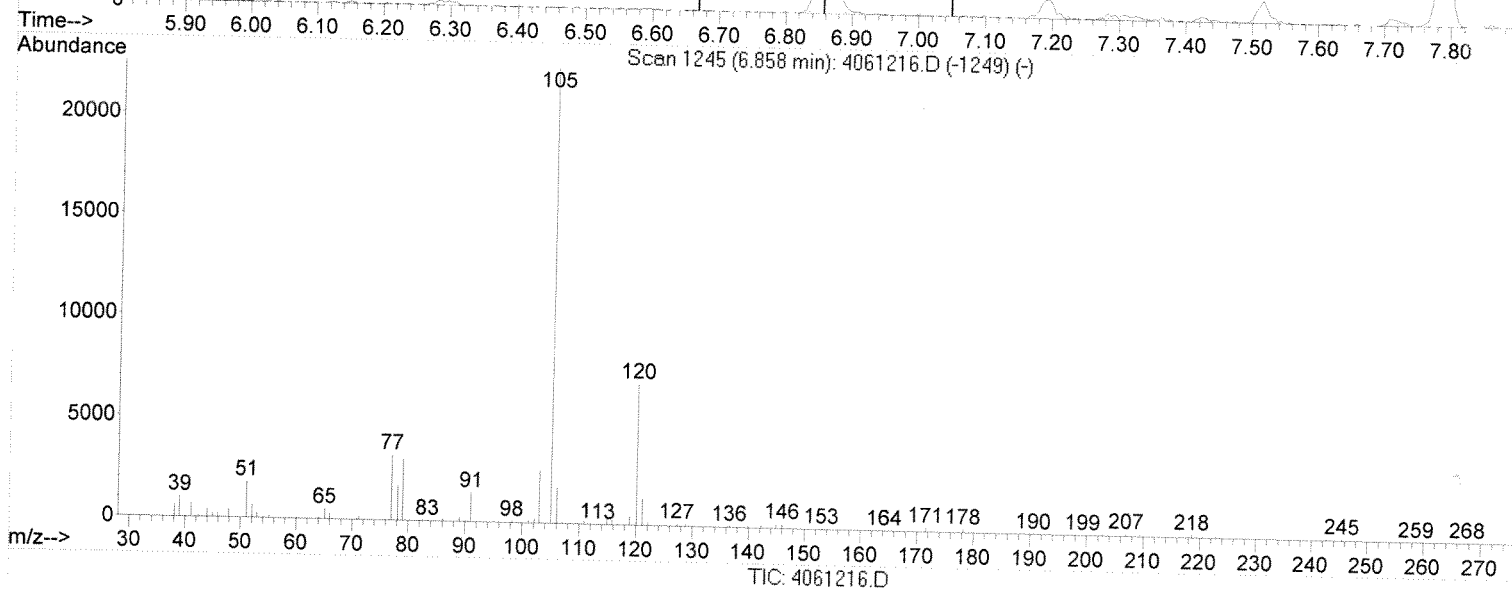
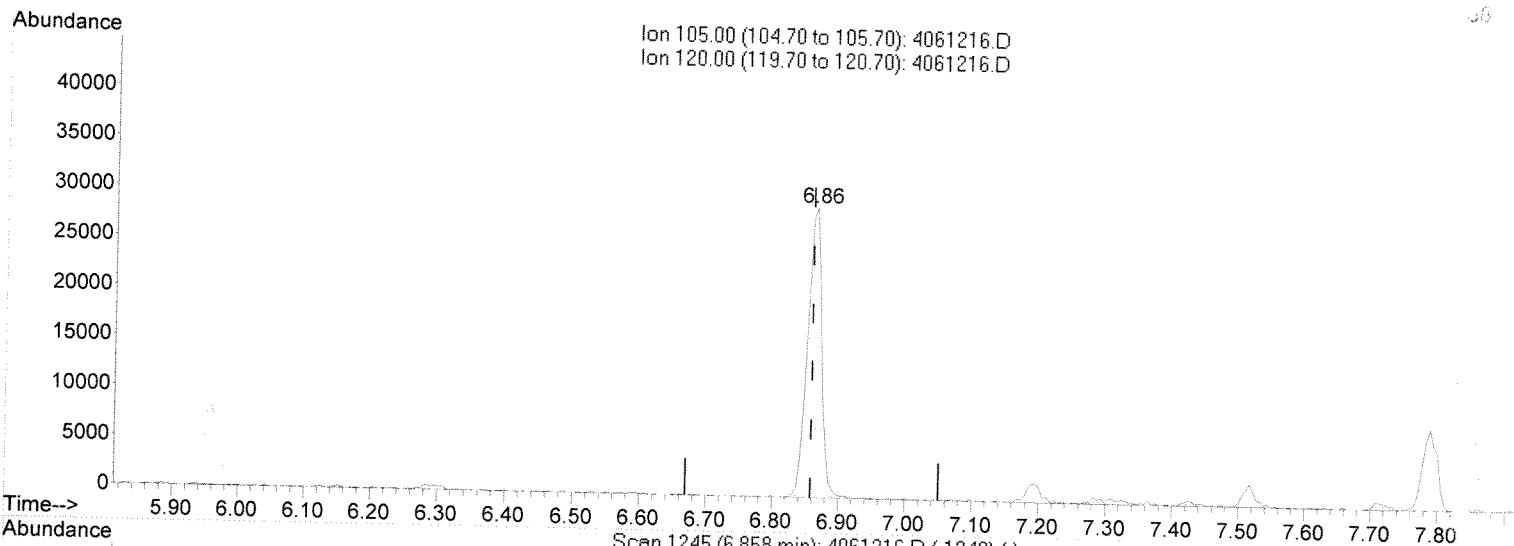
Ion	Exp%	Act%
73.00	100	100
74.00	4.50	0.00#
45.00	5.10	0.00#
41.00	28.80	32.73

2F

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(56) isopropylbenzene

6.863min (+0.005) 2.01ug/L

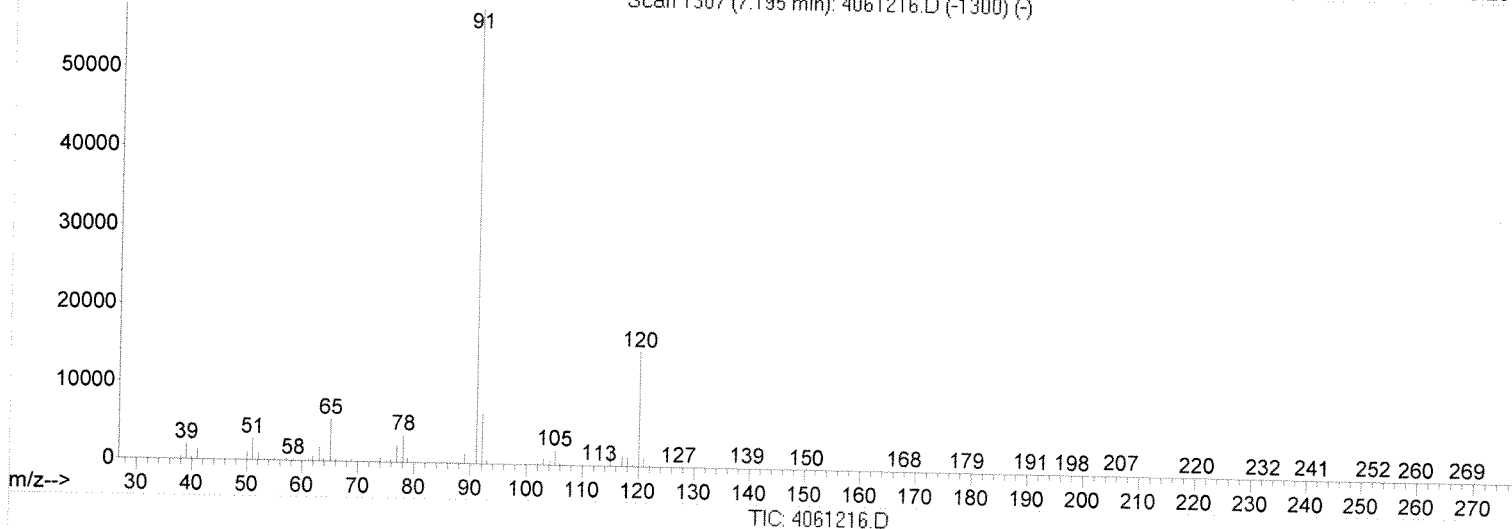
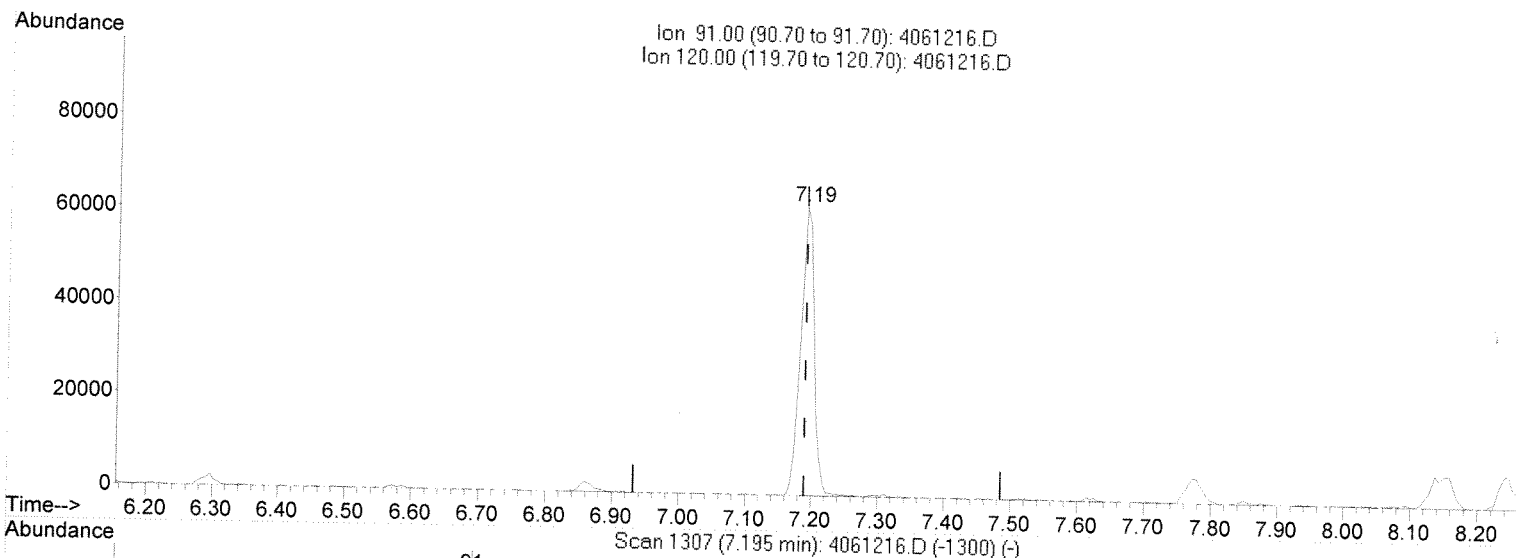
response 433447

Ion	Exp%	Act%
105.00	100	100
120.00	27.20	25.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(59) n-propylbenzene

7.194min (+0.004) 3.89ug/L

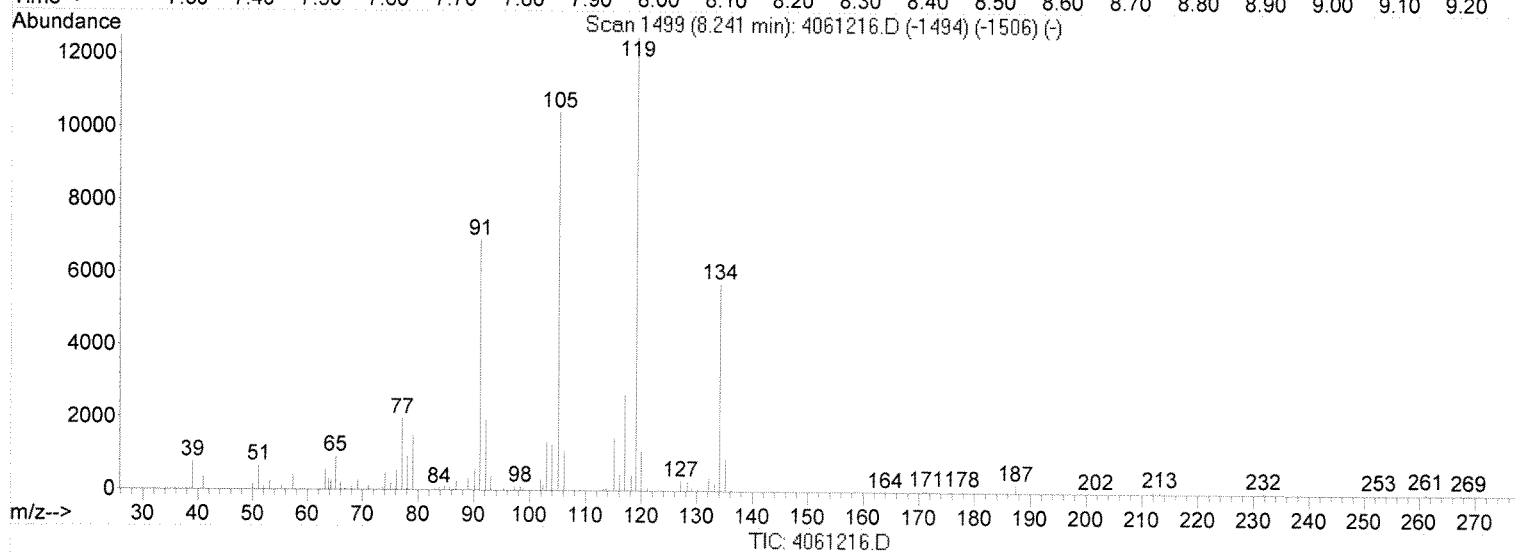
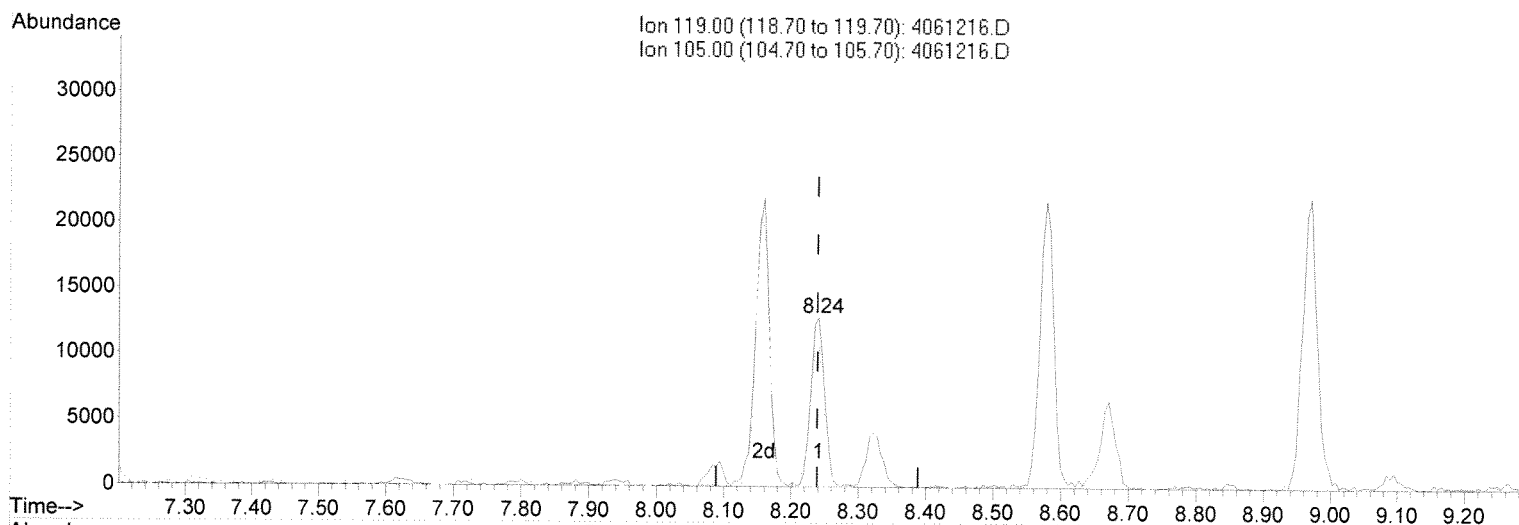
response 875984

Ion	Exp%	Act%
91.00	100	100
120.00	23.50	26.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(73) p-diethylbenzene

8.241min (+0.001) 1.91ug/L m

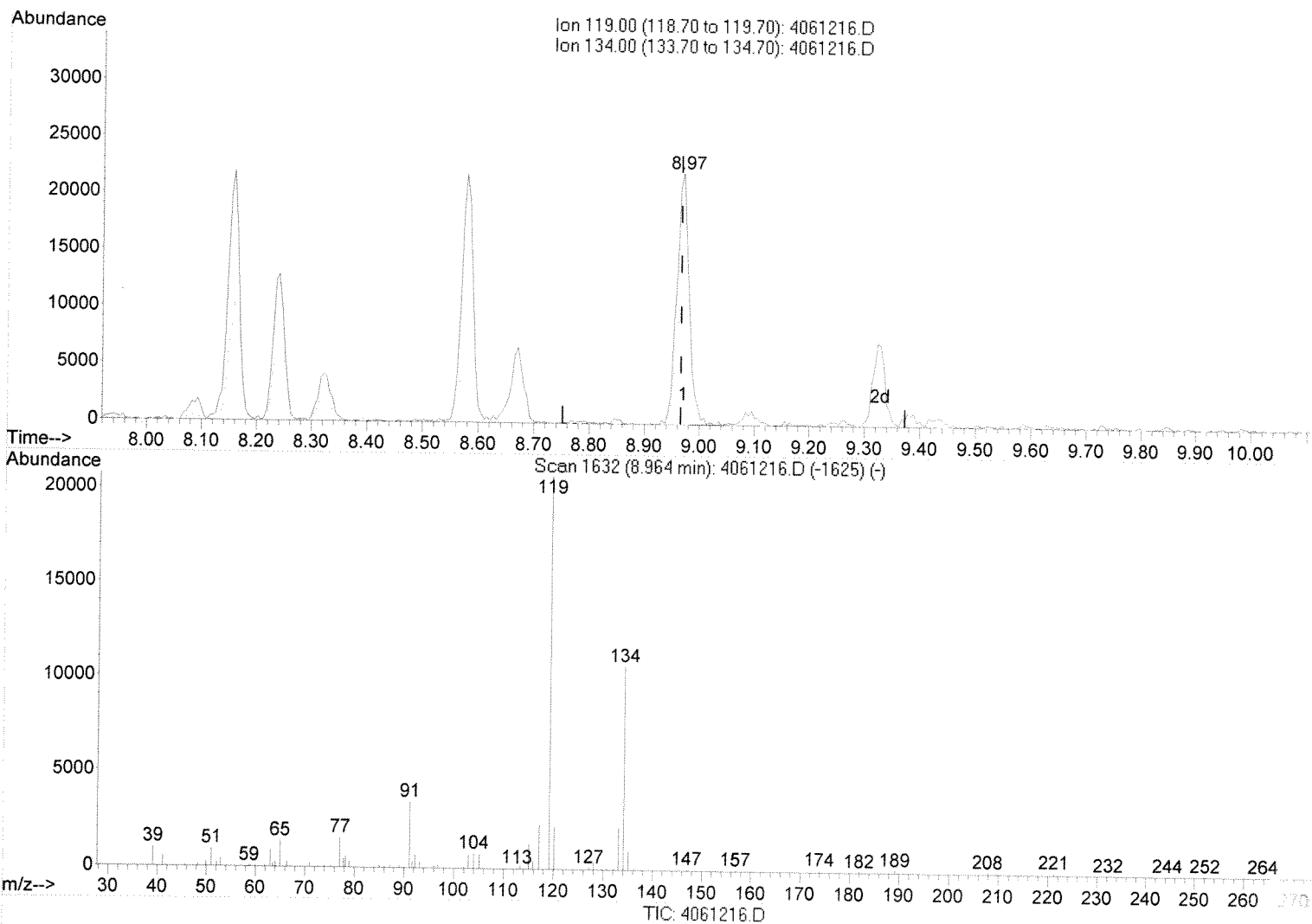
response 186429

Ion	Exp%	Act%
119.00	100	100
105.00	80.30	83.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061216.D
 Acq On : 6 Apr 2012 2:20 pm
 Operator :
 Sample : 121221.06 5ml
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 09:33:30 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(75) 1,2,4,5-tetramethylbenzene

8.970min (+0.004) 2.78ug/L

response 344840

Ion	Exp%	Act%
119.00	100	100
134.00	48.90	50.18
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061217.D
 Acq On : 6 Apr 2012 2:41 pm
 Operator :
 Sample : 121221.07 5ml
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 09 09:35:12 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2436009	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4120110	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2626734	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3226254	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	305561	53.42	ug/L	0.00
37) toluene-d8	4.93	98	5379182	50.40	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2448109	51.43	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.39	96	9774m	Below Cal		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	1.68	58	10566m	3.51	ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	0.00	84	0	N.D.		
13) carbon disulfide	2.02	76	9355	N.D.		
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	0.00	83	0	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	3.55	78	4487m	Below Cal		
30) trichloroethene	0.00	95	0	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.98	91	19482	Below Cal	#	20
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.06	76	1238m	Below Cal		
45) tetrachloroethene	5.50	166	8944m	0.22	ug/L	
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.14	91	8518	N.D.		
51) m+p xylene	6.29	106	9713m	0.18	ug/L	
52) o-xylene	6.58	106	3899	N.D.		
53) styrene	0.00	104	0	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061217.D
 Acq On : 6 Apr 2012 2:41 pm
 Operator :
 Sample : 121221.07 5ml
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

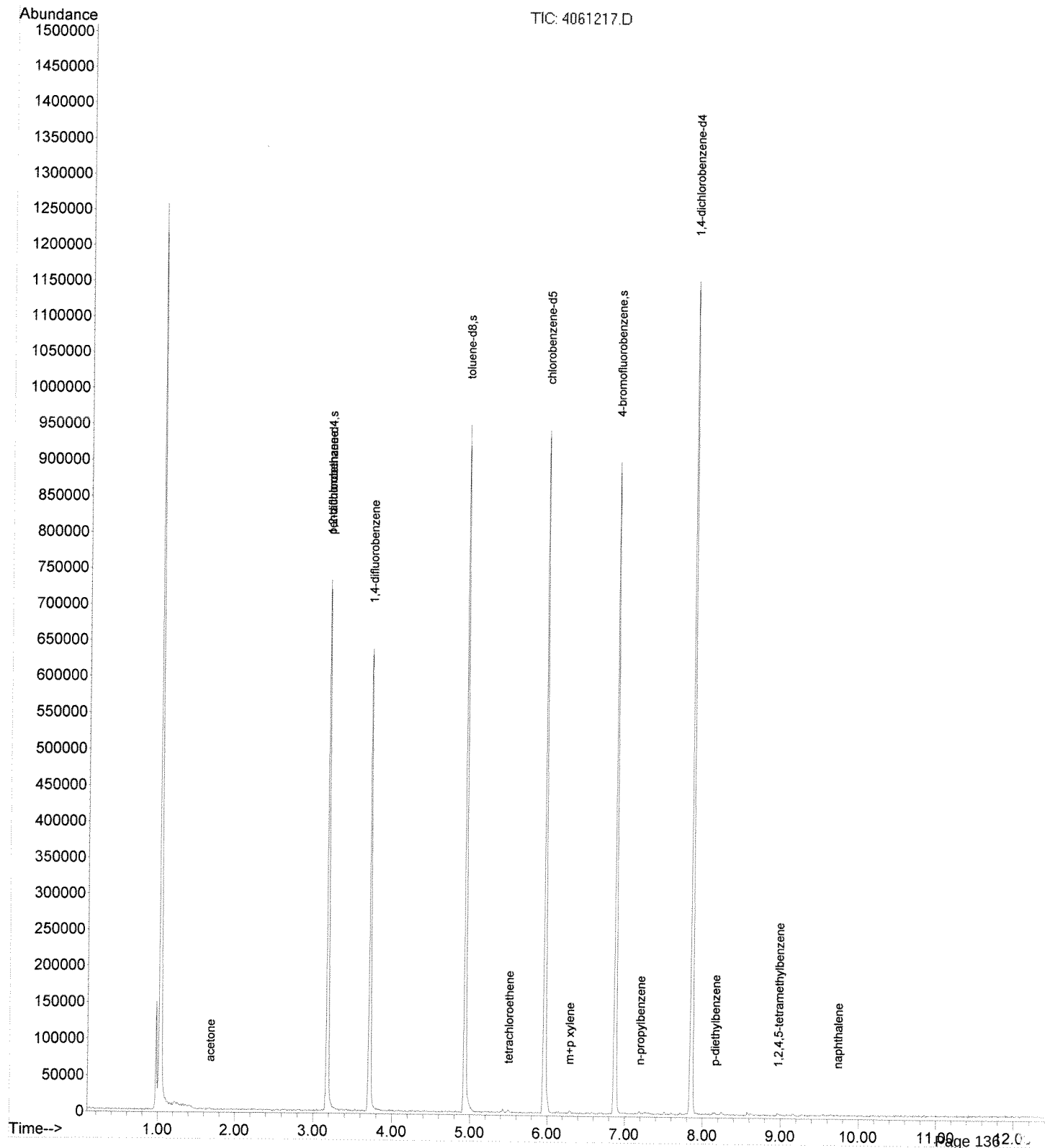
Quant Time: Apr 09 09:35:12 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	11959	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.19	91	19508m	0.18	ug/L	
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	7.29	105	8403	N.D.		
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
67) sec-butylbenzene	0.00	105	0	N.D.		
68) 4-isopropyltoluene	0.00	119	0	N.D.		
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.		
72) n-butylbenzene	0.00	92	0	N.D.		
73) p-diethylbenzene	8.16	119	7380m	0.18	ug/L	
74) 1,2-dichlorobenzene	8.14	146	4999m	Below Cal		
75) 1,2,4,5-tetramethylbenzene	8.97	119	15205m	0.21	ug/L	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	0.00	225	0	N.D.		
79) naphthalene	9.73	128	9901m	0.13	ug/L	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061217.D
Acq On : 6 Apr 2012 2:41 pm
Operator :
Sample : 121221.07 5ml
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 09 09:35:12 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061218.D
 Acq On : 6 Apr 2012 3:03 pm
 Operator :
 Sample : 121221.08 5ml
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 09 09:36:34 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2462993	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4173748	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2811276	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3302932	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-dichloroethane-d4	3.18	102	300789	51.91	ug/L	0.00
37) toluene-d8	4.93	98	5580080	51.61	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2508481	52.02	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.			
3) chlorodifluoromethane	0.00	67	0	N.D.			
4) chloromethane	0.00	50	0	N.D.			
5) vinyl chloride	0.00	62	0	N.D.			
6) bromomethane	1.38	96	9894m	Below Cal			
7) chloroethane	0.00	64	0	N.D.			
8) trichlorofluoromethane	0.00	101	0	N.D.			
9) freon	0.00	151	0	N.D.			
10) acetone	1.68	58	9029m	2.96 ug/L			
11) 1,1-dichloroethene	0.00	96	0	N.D.			
12) methylene chloride	0.00	84	0	N.D.			
13) carbon disulfide	2.03	76	8766	N.D.			
14) tert-butylmethylether	0.00	73	0	N.D.			
15) trans-1,2-dichloroethene	0.00	96	0	N.D.			
16) vinyl acetate	0.00	43	0	N.D.			
17) 1,1-dichloroethane	0.00	63	0	N.D.			
18) methyl ethyl ketone	0.00	72	0	N.D.			
19) 2,2-dichloropropane	0.00	77	0	N.D.			
20) cis-1,2-dichloroethene	0.00	96	0	N.D.			
21) chloroform	0.00	83	0	N.D.			
22) bromochloromethane	0.00	128	0	N.D.			
23) 1,1,1-trichloroethane	0.00	97	0	N.D.			
25) 1,1-dichloropropene	0.00	75	0	N.D.			
26) carbon tetrachloride	0.00	119	0	N.D.			
28) 1,2-dichloroethane	0.00	62	0	N.D.			
29) benzene	0.00	78	0	N.D.			
30) trichloroethene	0.00	95	0	N.D.			
31) 1,2-dichloropropane	0.00	63	0	N.D.			
32) bromodichloromethane	0.00	83	0	N.D.			
33) dibromomethane	0.00	93	0	N.D.			
34) 2-chloroethylvinylether	0.00	63	0	N.D.			
35) 4-methyl-2-pentanone	0.00	43	0	N.D.			
36) cis-1,3-dichloropropene	0.00	75	0	N.D.			
38) toluene	4.99	91	17958m	Below Cal			
39) trans-1,3-dichloropropene	0.00	75	0	N.D.			
40) 1,1,2-trichloroethane	0.00	83	0	N.D.			
43) 2-hexanone	0.00	43	0	N.D.			
44) 1,3-dichloropropane	5.01	76	1896m	Below Cal			
45) tetrachloroethene	5.50	166	612360	11.92 ug/L			97
46) dibromochloromethane	0.00	129	0	N.D.			
47) 1,2-dibromoethane	0.00	107	0	N.D.			
48) chlorobenzene	0.00	112	0	N.D.			
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.			
50) ethylbenzene	6.14	91	7186	N.D.			
51) m+p xylene	6.29	106	8414m	0.16 ug/L			
52) o-xylene	6.56	106	3014	N.D.			
53) styrene	0.00	104	0	N.D.			
54) bromoform	0.00	173	0	N.D.			

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061218.D
 Acq On : 6 Apr 2012 3:03 pm
 Operator :
 Sample : 121221.08 5ml
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

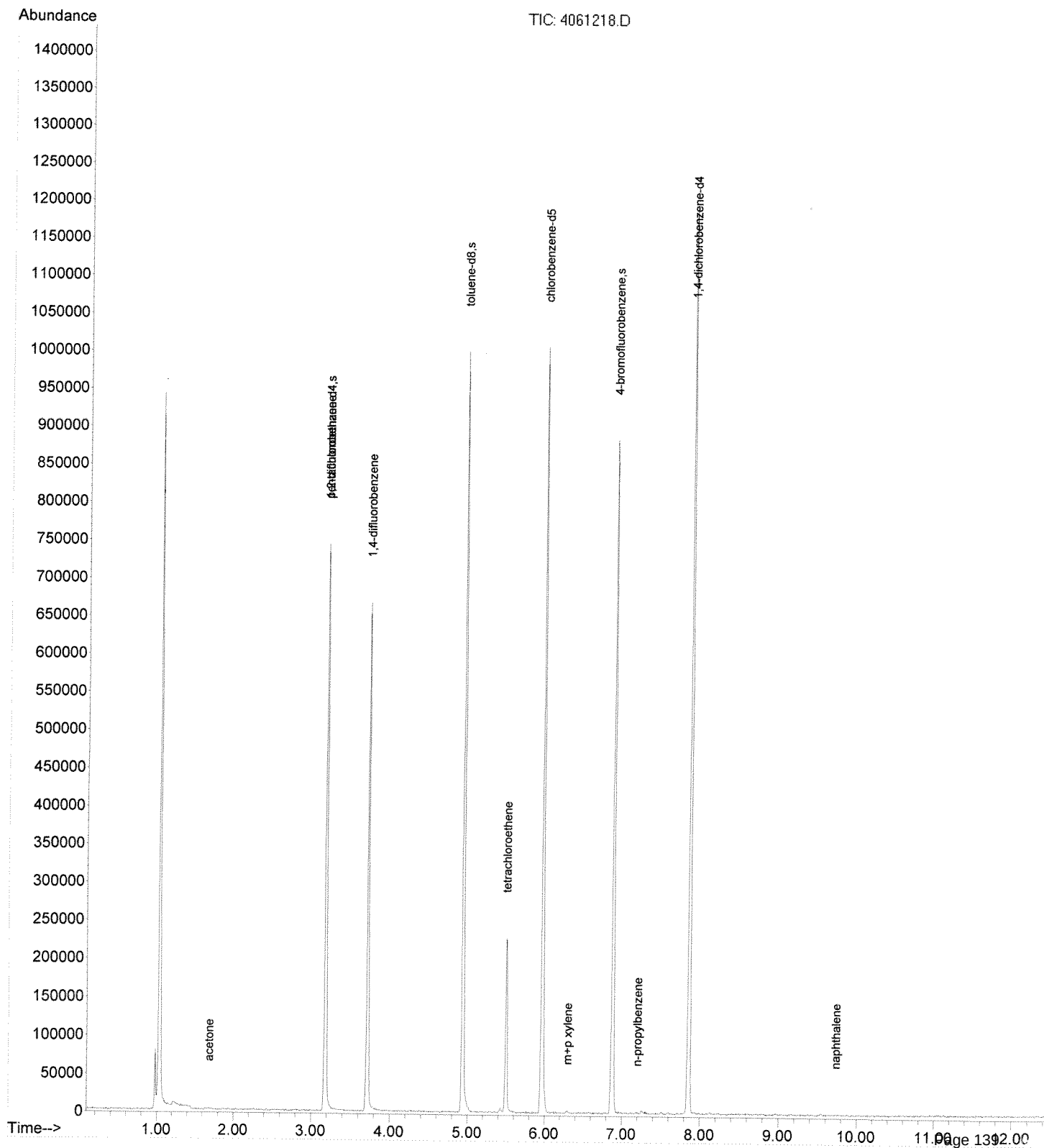
Quant Time: Apr 09 09:36:34 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	6077	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	7.20	91	10577m	0.13	ug/L	
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	0.00	105	0	N.D.		
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	7.71	105	7095	N.D.		
67) sec-butylbenzene	0.00	105	0	N.D.		
68) 4-isopropyltoluene	0.00	119	0	N.D.		
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.		
72) n-butylbenzene	8.24	92	3143	N.D.		
73) p-diethylbenzene	0.00	119	0	N.D.		
74) 1,2-dichlorobenzene	8.14	146	2825m	Below Cal		
75) 1,2,4,5-tetramethylbenzene	0.00	119	0	N.D.		
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	0.00	225	0	N.D.		
79) naphthalene	9.73	128	7878m	0.11	ug/L	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061218.D
Acq On : 6 Apr 2012 3:03 pm
Operator :
Sample : 121221.08 5ml
Misc :
ALS Vial : 18 Sample Multiplier: 1

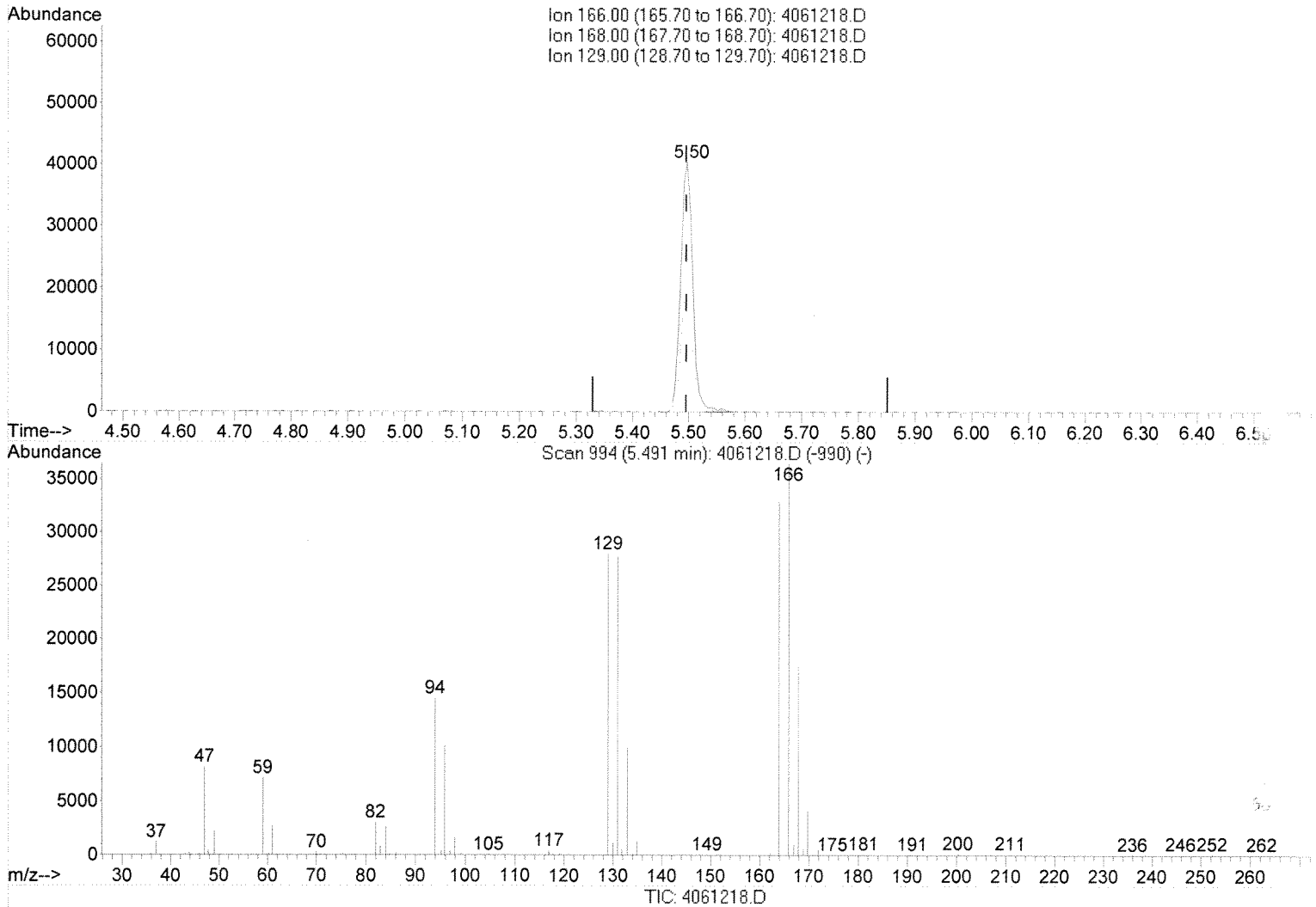
Quant Time: Apr 09 09:36:34 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061218.D
 Acq On : 6 Apr 2012 3:03 pm
 Operator :
 Sample : 121221.08 5ml
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 09 09:36:34 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(45) tetrachloroethene

5.498min (+0.002) 11.92ug/L

response 612360

Ion	Exp%	Act%
166.00	100	100
168.00	46.10	47.88
129.00	69.60	72.75
0.00	0.00	0.00

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061219.D
 Acq On : 6 Apr 2012 3:24 pm
 Operator :
 Sample : 121221.09 5ml
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 09 09:37:41 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2486430	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4269182	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2782134	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3312008	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	298025	50.28	ug/L	0.00
37) toluene-d8	4.93	98	5577540	50.43	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2519947	51.09	ug/L	0.00

Target Compounds

					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chlorodifluoromethane	0.00	67	0	N.D.	
4) chloromethane	0.00	50	0	N.D.	
5) vinyl chloride	0.00	62	0	N.D.	
6) bromomethane	1.39	96	11018m	Below Cal	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) freon	0.00	151	0	N.D.	
10) acetone	1.68	58	7878m	2.56 ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.	
12) methylene chloride	0.00	84	0	N.D.	
13) carbon disulfide	2.05	76	8717	N.D.	
14) tert-butylmethylether	0.00	73	0	N.D.	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.	
16) vinyl acetate	0.00	43	0	N.D.	
17) 1,1-dichloroethane	0.00	63	0	N.D.	
18) methyl ethyl ketone	0.00	72	0	N.D.	
19) 2,2-dichloropropane	0.00	77	0	N.D.	
20) cis-1,2-dichloroethene	0.00	96	0	N.D.	
21) chloroform	0.00	83	0	N.D.	
22) bromochloromethane	0.00	128	0	N.D.	
23) 1,1,1-trichloroethane	0.00	97	0	N.D.	
25) 1,1-dichloropropene	0.00	75	0	N.D.	
26) carbon tetrachloride	0.00	119	0	N.D.	
28) 1,2-dichloroethane	0.00	62	0	N.D.	
29) benzene	0.00	78	0	N.D.	
30) trichloroethene	3.96	95	4227m	Below Cal	
31) 1,2-dichloropropane	0.00	63	0	N.D.	
32) bromodichloromethane	0.00	83	0	N.D.	
33) dibromomethane	0.00	93	0	N.D.	
34) 2-chloroethylvinylether	0.00	63	0	N.D.	
35) 4-methyl-2-pentanone	0.00	43	0	N.D.	
36) cis-1,3-dichloropropene	0.00	75	0	N.D.	
38) toluene	4.98	91	14327m	Below Cal	
39) trans-1,3-dichloropropene	0.00	75	0	N.D.	
40) 1,1,2-trichloroethane	0.00	83	0	N.D.	
43) 2-hexanone	0.00	43	0	N.D.	
44) 1,3-dichloropropane	5.01	76	2865m	Below Cal	
45) tetrachloroethene	5.50	166	991147	20.12 ug/L	98
46) dibromochloromethane	0.00	129	0	N.D.	
47) 1,2-dibromoethane	0.00	107	0	N.D.	
48) chlorobenzene	0.00	112	0	N.D.	
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
50) ethylbenzene	6.16	91	6574	N.D.	
51) m+p xylene	6.29	106	8060m	0.16 ug/L	
52) o-xylene	6.59	106	4274	N.D.	
53) styrene	0.00	104	0	N.D.	
54) bromoform	0.00	173	0	N.D.	

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061219.D
 Acq On : 6 Apr 2012 3:24 pm
 Operator :
 Sample : 121221.09 5ml
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

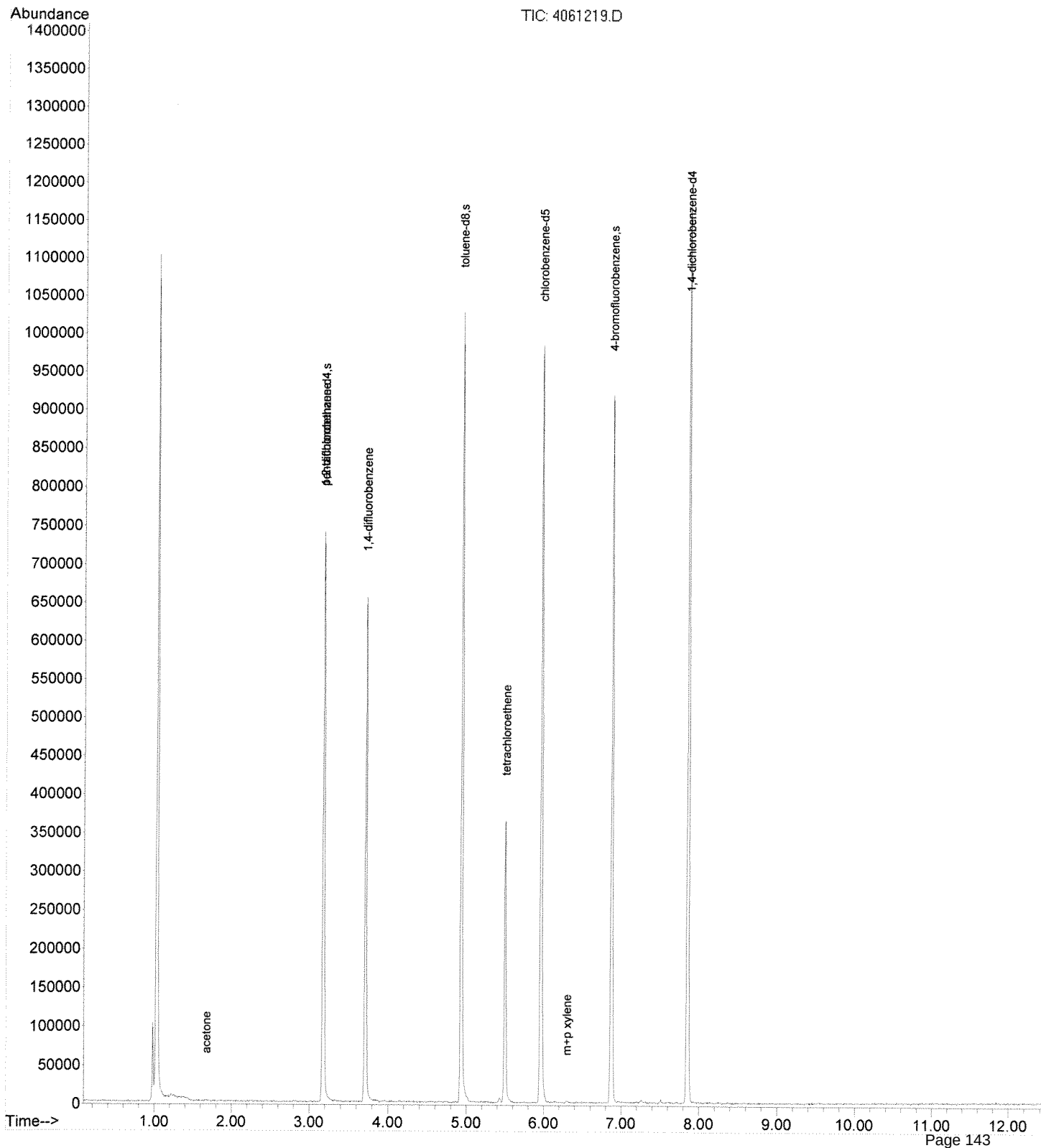
Quant Time: Apr 09 09:37:41 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
56) isopropylbenzene	6.86	105	7698	N.D.	
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58) 1,2,3-trichloropropane	0.00	75	0	N.D.	
59) n-propylbenzene	0.00	91	0	N.D.	
60) bromobenzene	0.00	156	0	N.D.	
61) p-ethyltoluene	0.00	105	0	N.D.	
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.	
63) 2-chlorotoluene	0.00	126	0	N.D.	
64) 4-chlorotoluene	0.00	126	0	N.D.	
65) tert-butylbenzene	0.00	134	0	N.D.	
66) 1,2,4-trimethylbenzene	7.72	105	10326	N.D.	
67) sec-butylbenzene	0.00	105	0	N.D.	
68) 4-isopropyltoluene	0.00	119	0	N.D.	
69) 1,3-dichlorobenzene	0.00	146	0	N.D.	
70) 1,4-dichlorobenzene	0.00	146	0	N.D.	
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.	
72) n-butylbenzene	0.00	92	0	N.D.	
73) p-diethylbenzene	0.00	119	0	N.D.	
74) 1,2-dichlorobenzene	0.00	146	0	N.D.	
75) 1,2,4,5-tetramethylbenzene	0.00	119	0	N.D.	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
78) hexachlorobutadiene	0.00	225	0	N.D.	
79) naphthalene	0.00	128	0	N.D.	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061219.D
Acq On : 6 Apr 2012 3:24 pm
Operator :
Sample : 121221.09 5ml
Misc :
ALS Vial : 19 Sample Multiplier: 1

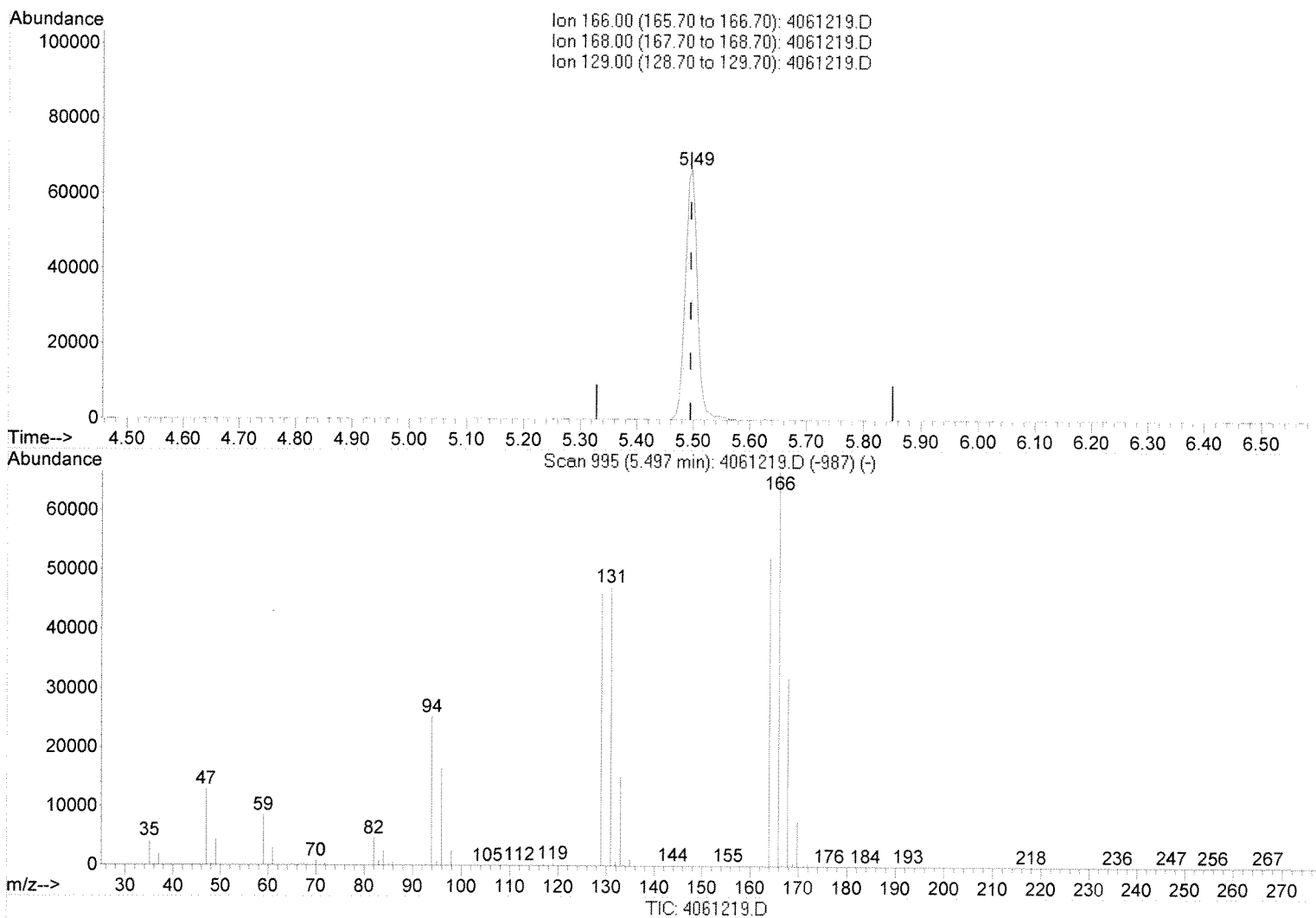
Quant Time: Apr 09 09:37:41 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061219.D
 Acq On : 6 Apr 2012 3:24 pm
 Operator :
 Sample : 121221.09 5ml
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 09 09:37:41 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration



(45) tetrachloroethene

5.497min (+0.002) 20.12ug/L

response 991147

Ion	Exp%	Act%
166.00	100	100
168.00	46.10	48.08
129.00	69.60	70.10
0.00	0.00	0.00

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061208.D
 Acq On : 6 Apr 2012 11:26 am
 Operator :
 Sample : 121221.10 5ml
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 09 09:21:09 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2424001	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4066145	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2670683	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3128377	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-dichloroethane-d4	3.18	102	282583	50.06	ug/L	0.00
37) toluene-d8	4.93	98	5299644	50.31	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2410095	51.30	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.38	96	12758m	Below Cal		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	1.67	58	10940m	3.65 ug/L		
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	1.93	84	9136m	Below Cal		
13) carbon disulfide	2.03	76	8263	N.D.		
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	2.83	83	11135	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	0.00	78	0	N.D.		
30) trichloroethene	0.00	95	0	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	3.99	83	7635m	Below Cal		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.99	91	11626m	Below Cal		
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.02	76	1684m	Below Cal		
45) tetrachloroethene	0.00	166	0	N.D.		
46) dibromochloromethane	5.19	129	4363	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.15	91	9245	N.D.		
51) m+p xylene	6.29	106	13424m	0.23 ug/L		
52) o-xylene	6.59	106	5747	N.D.		
53) styrene	0.00	104	0	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061208.D
 Acq On : 6 Apr 2012 11:26 am
 Operator :
 Sample : 121221.10 5ml
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

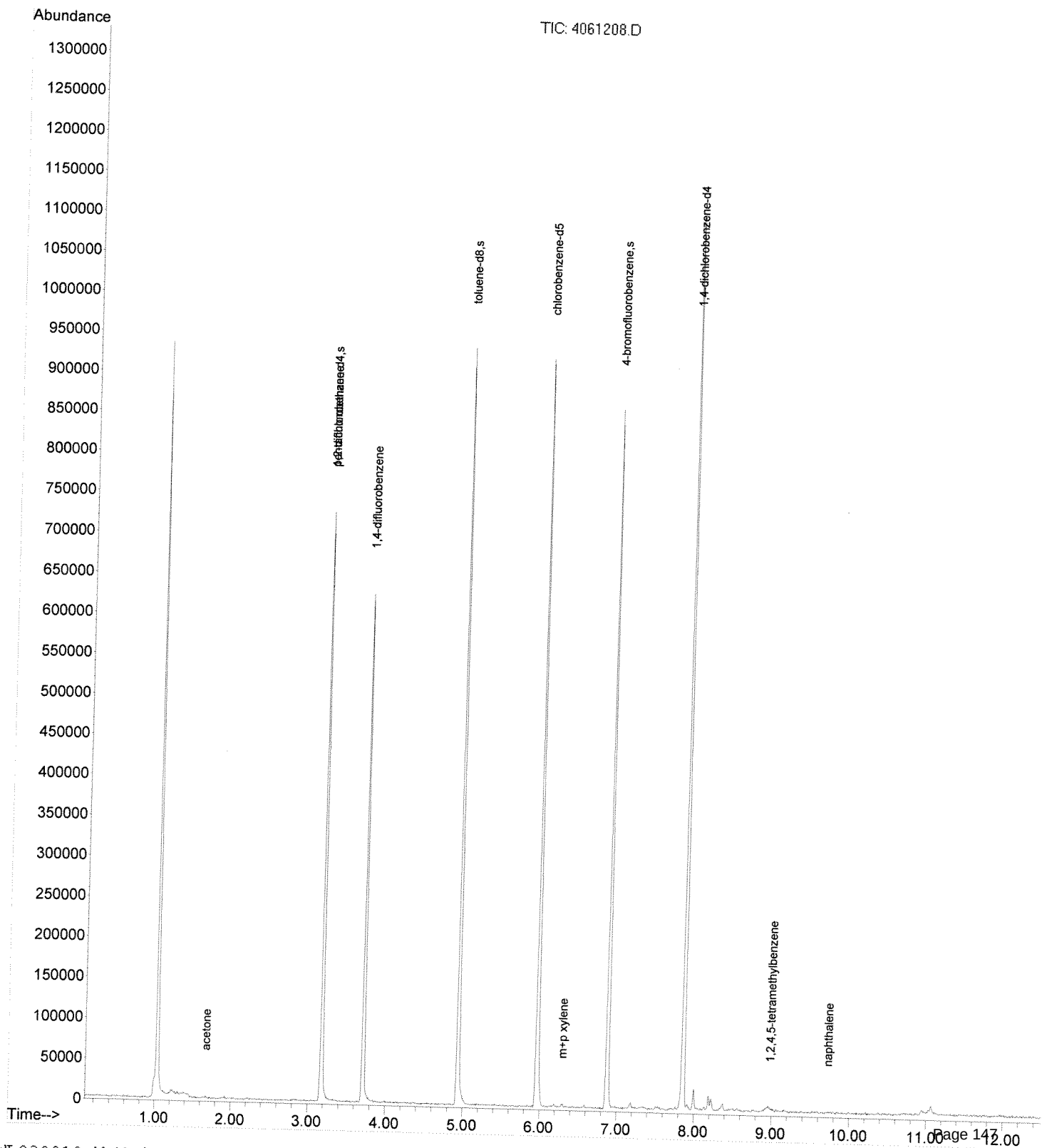
Quant Time: Apr 09 09:21:09 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	0.00	105	0	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	0.00	91	0	N.D.		
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	0.00	105	0	N.D.		
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
67) sec-butylbenzene	0.00	105	0	N.D.		
68) 4-isopropyltoluene	0.00	119	0	N.D.		
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.		
72) n-butylbenzene	0.00	92	0	N.D.		
73) p-diethylbenzene	0.00	119	0	N.D.		
74) 1,2-dichlorobenzene	0.00	146	0	N.D.		
75) 1,2,4,5-tetramethylbenzene	8.98	119	9398m	0.16	ug/L	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	0.00	225	0	N.D.		
79) naphthalene	9.72	128	11395m	0.15	ug/L	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\2\DATA\040612\
Data File : 4061208.D
Acq On : 6 Apr 2012 11:26 am
Operator :
Sample : 121221.10 5ml
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 09 09:21:09 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration

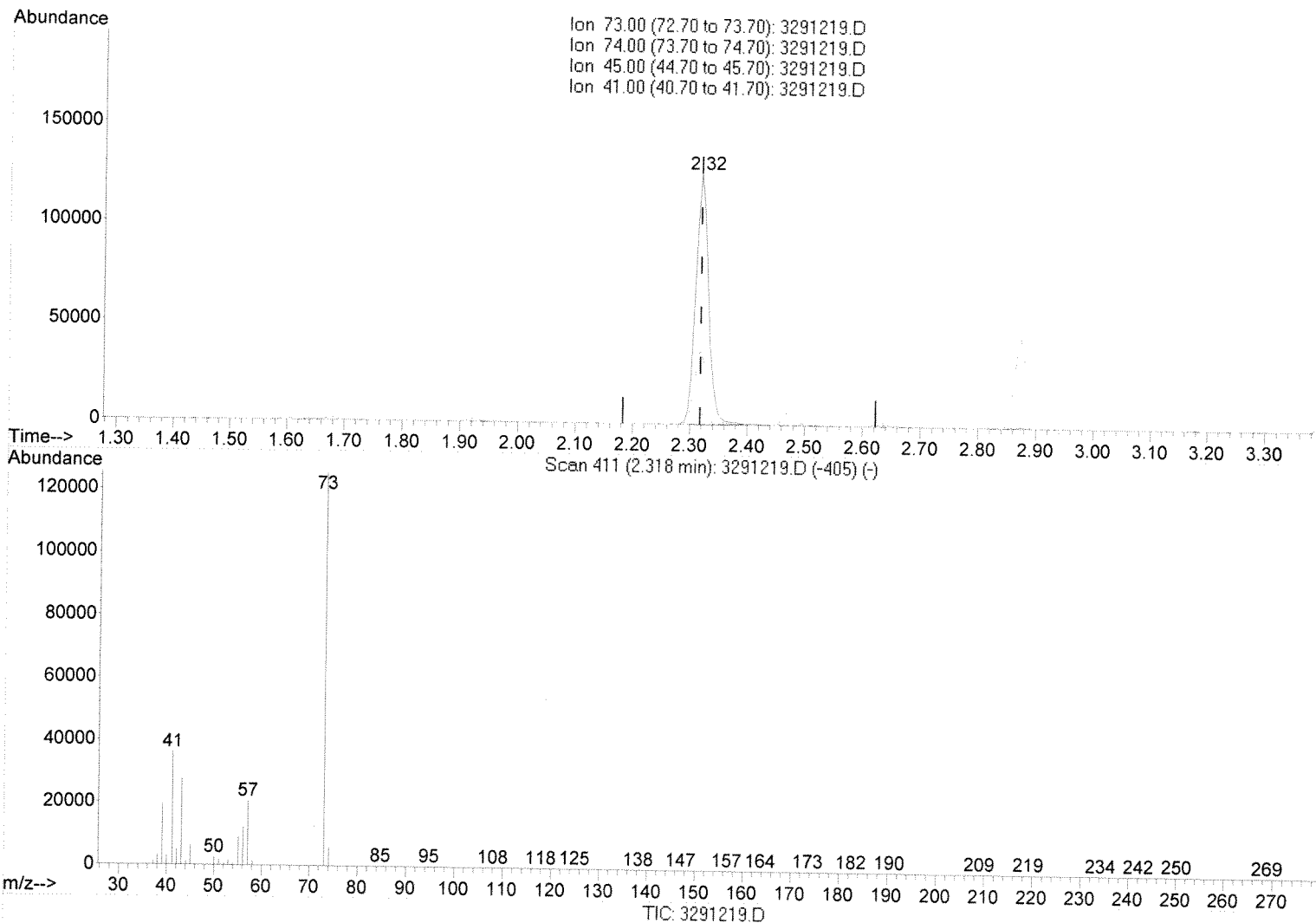


Standard Spectra for Positive Hits

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\032912\
Data File : 3291219.D
Acq On : 29 Mar 2012 7:34 pm
Operator :
Sample : water std 20ug/L
Misc : KM032912
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Fri Mar 30 10:22:48 2012
Response via : Initial Calibration



(14) tert-butylmethylether

2.321min (+0.003) 19.87ug/L

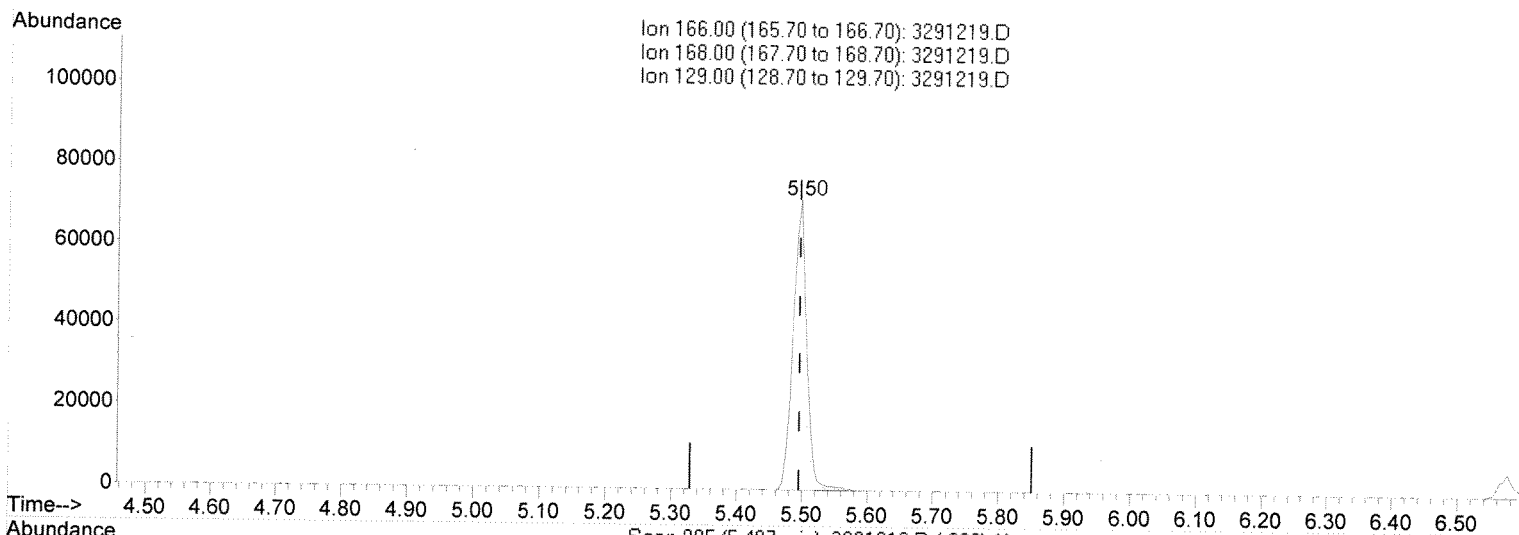
response 1939124

Ion	Exp%	Act%
73.00	100	100
74.00	4.50	4.63
45.00	5.10	5.41
41.00	28.80	29.97

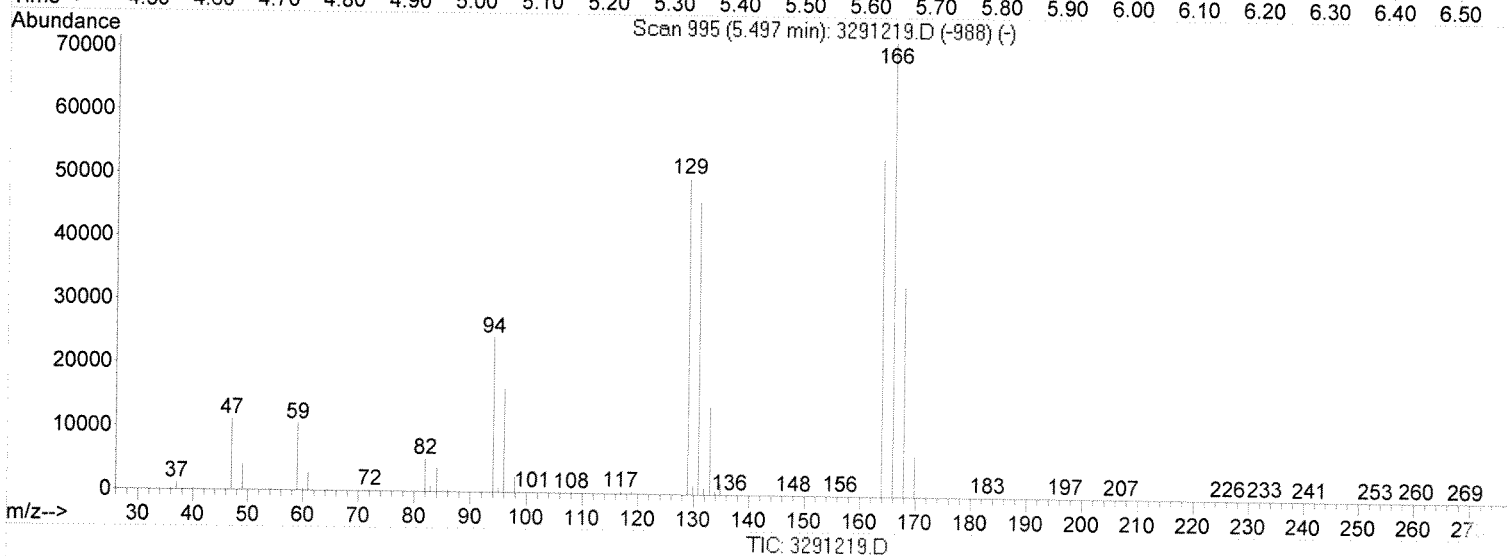
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water stdnd 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration



Ion 166.00 (165.70 to 166.70): 3291219.D
 Ion 168.00 (167.70 to 168.70): 3291219.D
 Ion 129.00 (128.70 to 129.70): 3291219.D



(45) tetrachloroethene

5.498min (+0.002) 20.04ug/L

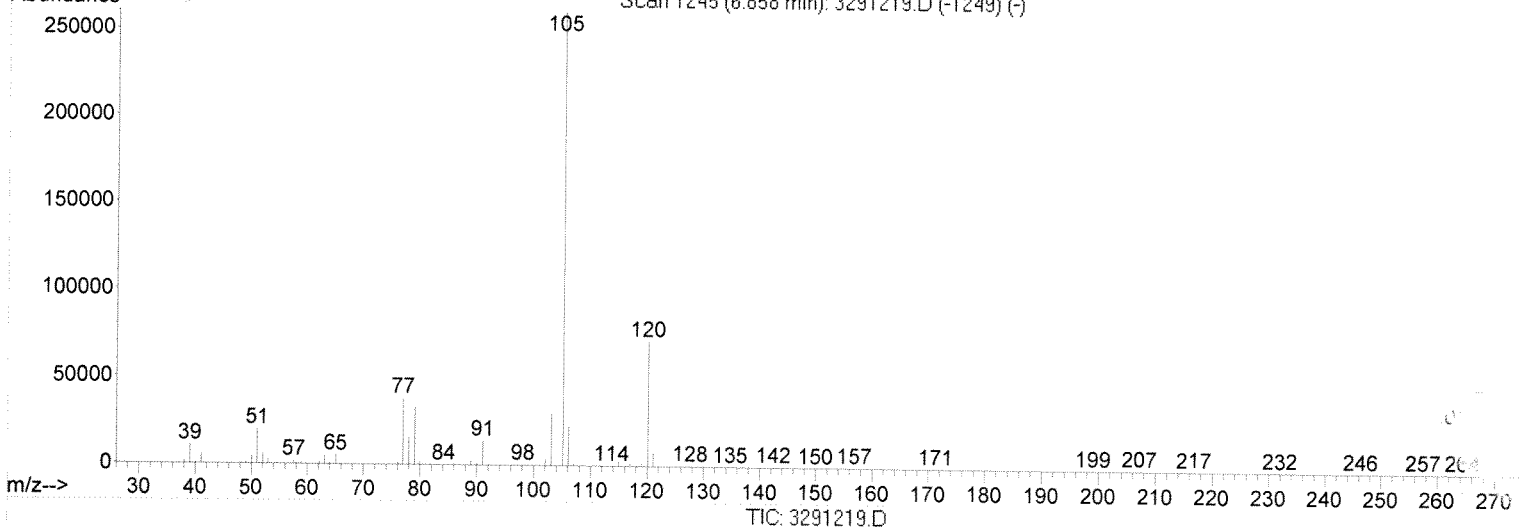
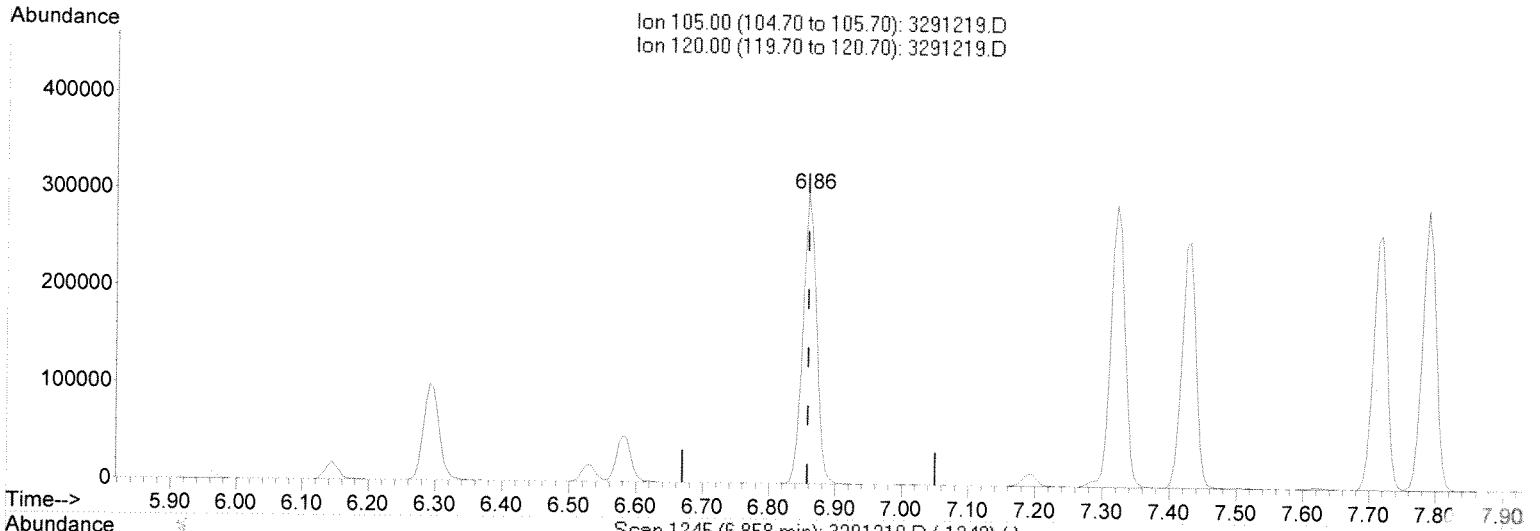
response 1035452

Ion	Exp%	Act%
166.00	100	100
168.00	46.10	48.61
129.00	69.60	71.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration



(56) isopropylbenzene

6.861min (+0.002) 20.07ug/L

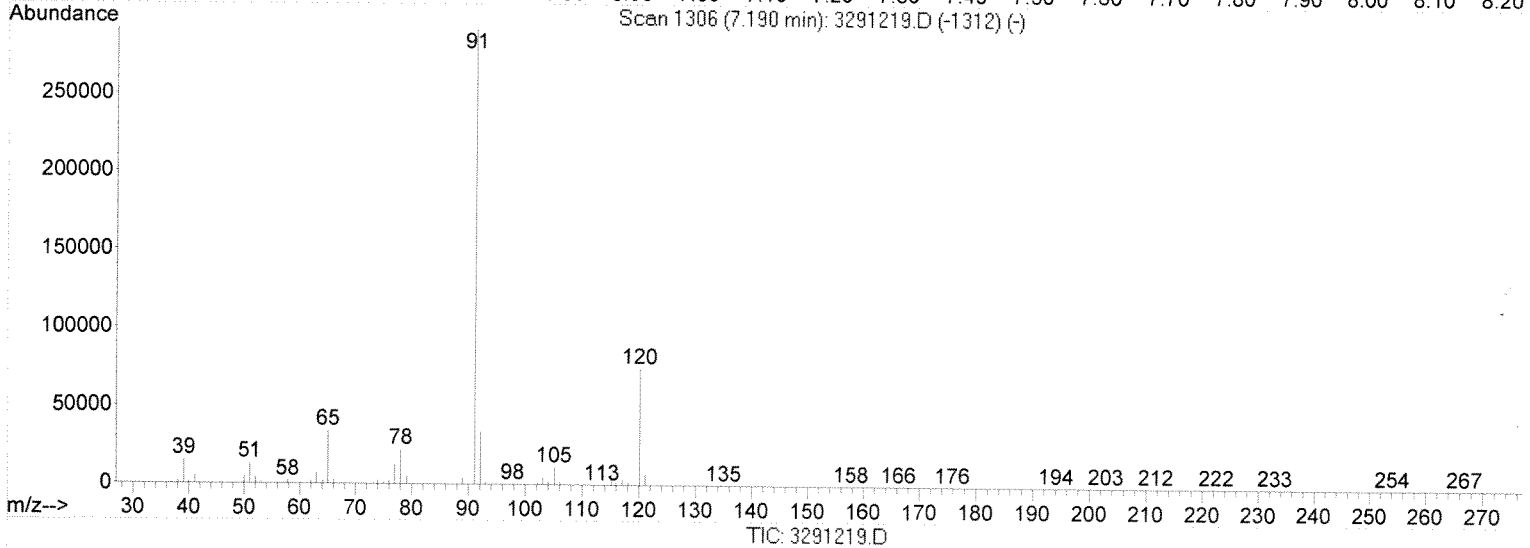
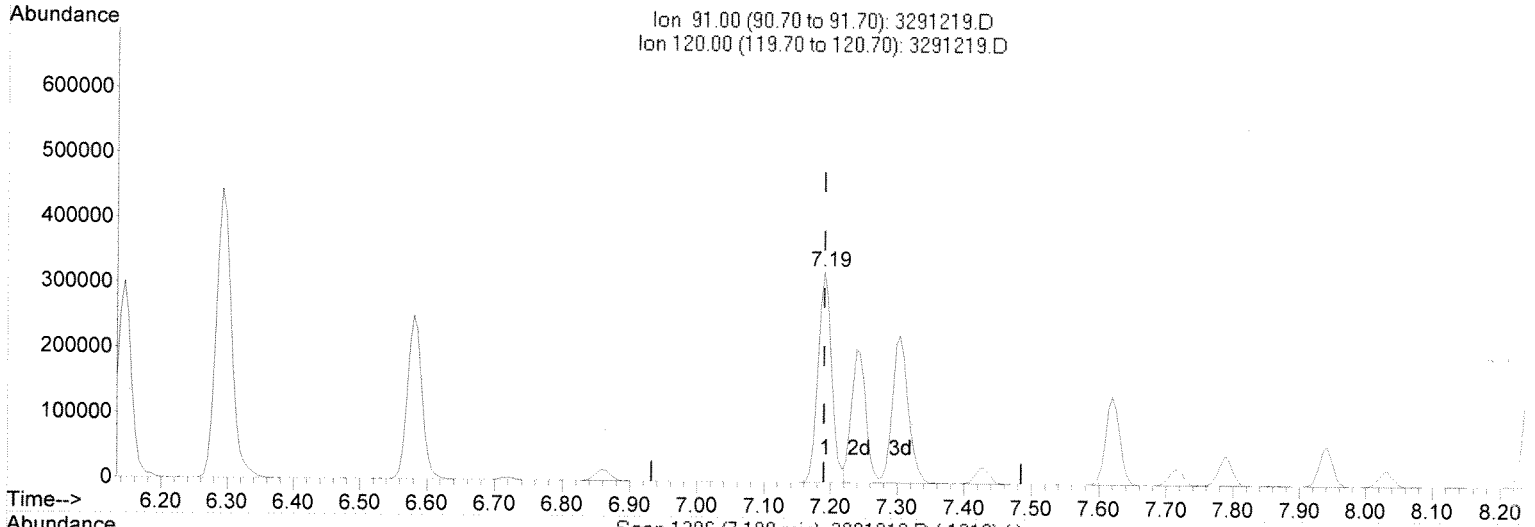
response 4282526

Ion	Exp%	Act%
105.00	100	100
120.00	27.20	27.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration



(59) n-propylbenzene

7.192min (+0.002) 20.03ug/L

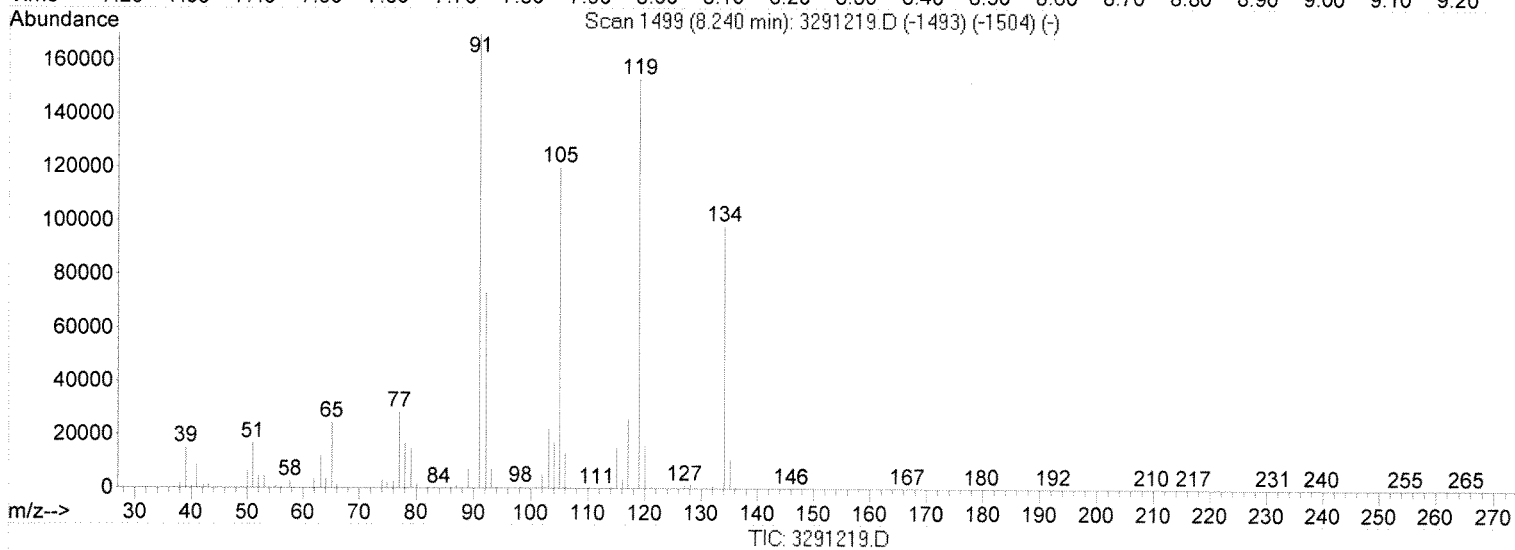
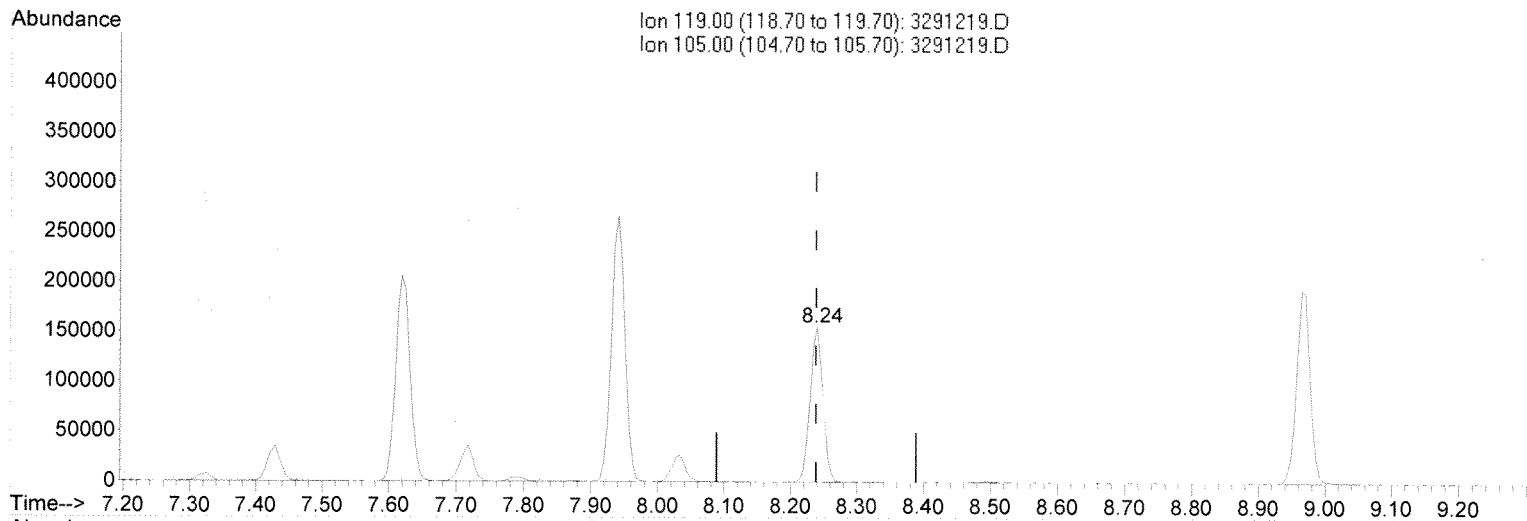
response 4588406

Ion	Exp%	Act%
91.00	100	100
120.00	23.50	25.83
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration



(73) p-diethylbenzene

8.241min (+0.002) 20.24ug/L

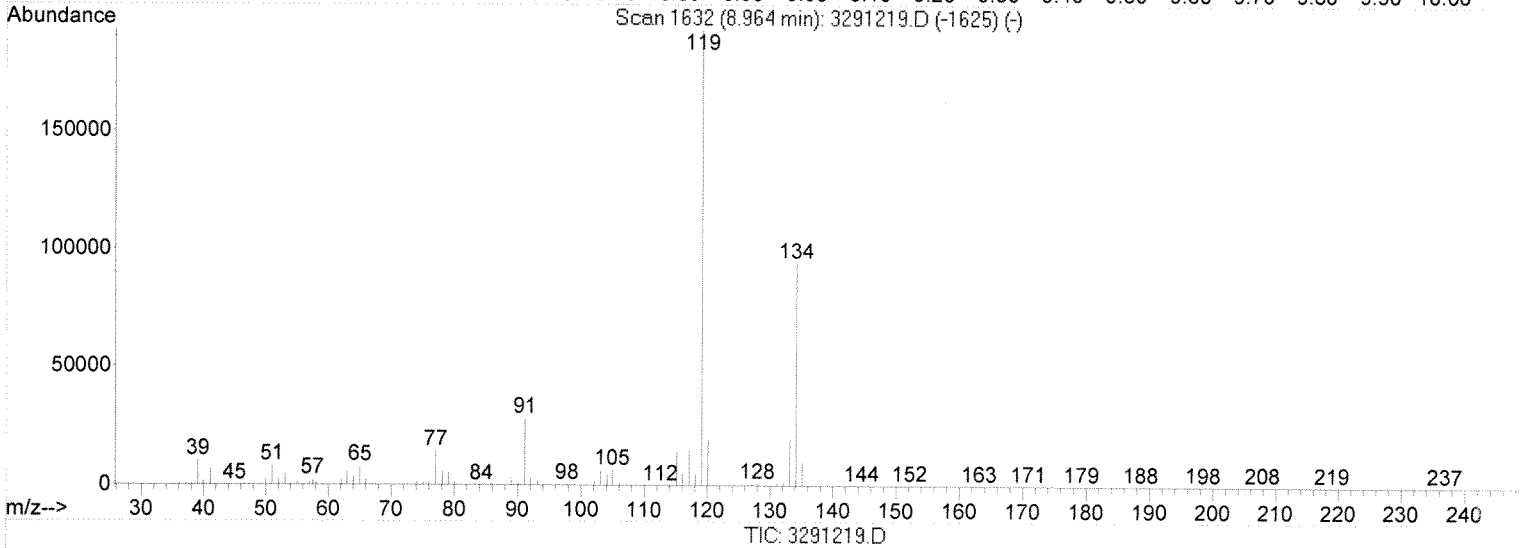
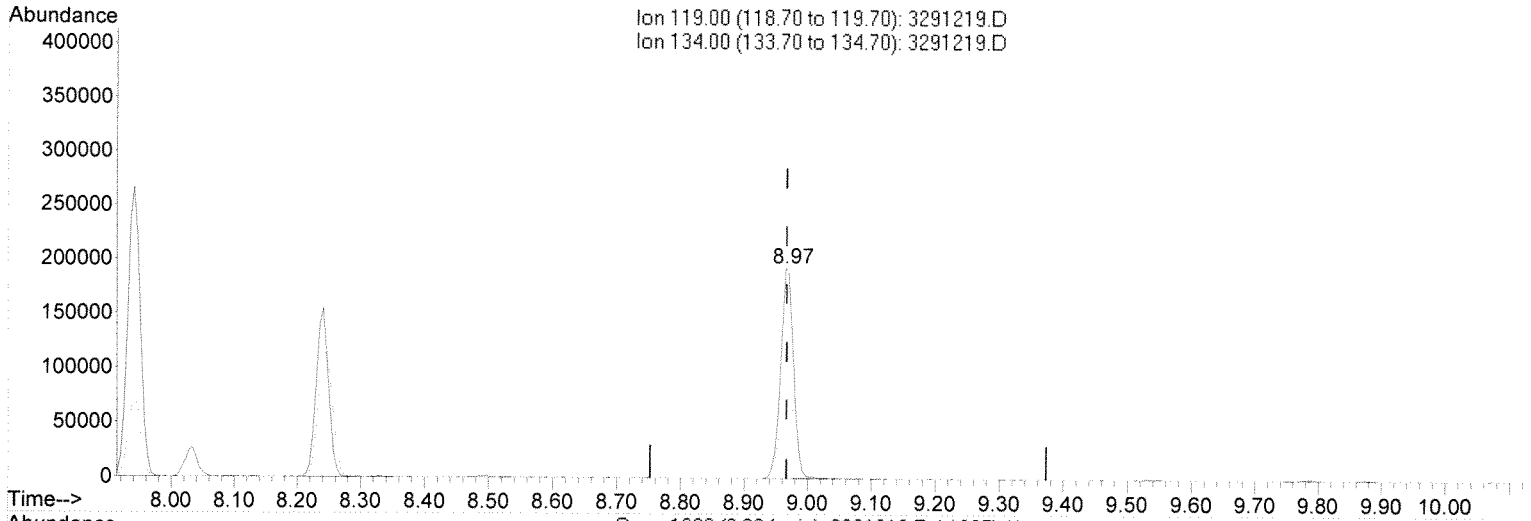
response 2086247

Ion	Exp%	Act%
119.00	100	100
105.00	80.30	89.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration



(75) 1,2,4,5-tetramethylbenzene

8.969min (+0.002) 20.06ug/L

response 2720313

Ion	Exp%	Act%
119.00	100	100
134.00	48.90	50.75
0.00	0.00	0.00
0.00	0.00	0.00

Matrix Spikes/Matrix Spike Duplicates

Summary Report

Quant Reports and Chromatograms

MS/MSD Recovery Result Summary (VOC EPA 8260) GCMSV4

Instrument ID: GC/MSV4

Date of Analysis: 04/06/12

Sample Spiked: 121221.02 (121221.03 121221.04).

Associated Samples: 121221.01 -->121221.10.

Compound	Unspiked Conc. (ug/L)	Spike Added (ug/L)	MS Conc. (ug/L)	MS Recov. (%)	MSD Conc. (ug/L)	MSD Recov. (%)	RPD*	Recovery Limits (%)	RPD* Limits (%)	#
Dichlorodifluoromethane	0	20	17.6	88	17.0	85	3	47 --> 135	23	
Chlorodifluoromethane	0	20	21.1	106	21.3	107	1	63 -->138	26	
Chloromethane	0	20	20.2	101	20.0	100	1	61 -->130	20	
Vinyl chloride	0	20	19.2	96	19.4	97	1	61 --> 138	16	
Bromomethane	0	20	19.4	97	21.1	106	8	47 -->139	27	
Chloroethane	0	20	20.0	100	21.6	108	8	65 -->135	23	
Trichlorofluoromethane	0	20	20.6	103	21.4	107	4	66 -->139	20	
Freon 113	0	20	21.6	108	21.5	108	0	71 -->132	19	
1,1-Dichloroethene	0	20	20.9	105	22.2	111	6	79 -->126	20	
Acetone	4.6	100	109	104	106	101	3	44 -->146	19	
Methylene chloride	0	20	21.5	108	22.3	112	4	76 -->124	16	
trans-1,2-Dichloroethene	0	20	21.9	110	21.9	110	0	79 -->122	16	
tert-butyl methyl Ether	0	20	22.0	110	22.2	111	1	71 -->124	12	
1,1-Dichloroethane	0	20	22.5	113	22.4	112	0	79 -->123	17	
2,2-Dichloropropane	0	20	22.1	111	23.0	115	4	80 -->116	18	
cis-1,2-Dichloroethene	0	20	22.1	111	22.2	111	0	80 -->123	15	
Methyl ethyl ketone	0	100	109	109	111	111	2	60 -->130	21	
Chloroform	0	20	22.1	111	22.3	112	1	81 -->126	15	
Bromochloromethane	0	20	21.7	109	22.1	111	2	82 -->123	16	
1,1,1-Trichloroethane	0	20	22.0	110	22.5	113	2	75 -->128	15	
1,1-Dichloropropene	0	20	21.6	108	22.1	111	2	79 -->125	15	
Carbon tetrachloride	0	20	21.1	106	21.6	108	2	66 -->133	15	
Benzene	0	20	21.9	110	21.8	109	0	82 -->119	11	
1,2-Dichloroethane	0	20	21.6	108	22.3	112	3	74 -->123	17	
Trichloroethene	0	20	22.7	114	22.0	110	3	80 -->124	12	
1,2-Dichloropropane	0	20	22.0	110	20.8	104	6	81 -->121	14	
Bromodichloromethane	0	20	21.5	108	21.5	108	0	76 -->125	13	
Dibromomethane	0	20	22.1	111	21.6	108	2	74 -->124	15	
cis-1,3-Dichloropropene	0	20	21.2	106	21.0	105	1	78 -->118	12	
Methyl isobutyl ketone	0	100	107	107	110	110	3	66 -->126	14	
Toluene	0	20	21.9	110	22.2	111	1	71 -->131	13	
trans-1,3-Dichloropropene	0	20	21.3	107	21.4	107	0	67 -->124	14	
1,1,2-Trichloroethane	0	20	22.9	115	22.0	110	4	78 -->119	16	
Tetrachloroethene	2.8	20	22.6	99	22.9	101	1	63 -->131	16	
1,3-Dichloropropane	0	20	20.8	104	20.7	104	0	80 -->118	15	
Dibromochloromethane	0	20	20.1	101	19.5	98	3	75 -->118	14	
1,2-Dibromoethane	0	20	20.0	100	19.4	97	3	78 -->113	16	

MS/MSD Recovery Result Summary (VOC EPA 8260) GCMSV4

Instrument ID: GC/MSV4

Date of Analysis: 04/06/12

Sample Spiked: 121221.02 (121221.03 121221.04).

Associated Samples: 121221.01 -->121221.10.

Compound	Unspiked Conc. (ug/L)	Spike Added (ug/L)	MS Conc. (ug/L)	MS Recov. (%)	MSD Conc. (ug/L)	MSD Recov. (%)	RPD*	Recovery Limits (%)	RPD* Limits (%)
Chlorobenzene	0	20	20.3	102	20.1	101	1	83-->115	14
1,1,1,2-Tetrachloroethane	0	20	20.3	102	19.9	100	2	76 -->118	14
Ethyl Benzene	0	20	20.5	103	20.3	102	1	81 -->117	13
M+P-Xylene	0.2	40	41.6	104	40.8	102	2	73-->122	13
O-Xylene	0	20	20.7	104	20.4	102	1	78-->119	14
Styrene	0	20	20.2	101	20.3	102	0	81 -->113	18
Bromoform	0	20	19.5	98	19.9	100	2	66 -->122	15
Isopropylbenzene	0	20	20.0	100	20.9	105	4	82 -->121	12
1,1,2,2-Tetrachloroethane	0	20	20.3	102	20.5	103	1	73 -->118	15
1,2,3-Trichloropropane	0	20	20.0	100	20.2	101	1	66 -->125	15
Bromobenzene	0	20	19.2	96	20.3	102	6	82 -->117	13
n-Propylbenzene	0	20	19.8	99	21.0	105	6	78 -->124	12
p-Ethyltoluene	0	20	20.0	100	20.6	103	3	78 -->125	11
2-Chlorotoluene	0	20	20.2	101	20.8	104	3	80 -->117	14
1,3,5-Trimethylbenzene	0	20	20.2	101	20.8	104	3	79-->122	13
4-Chlorotoluene	0	20	19.9	100	20.6	103	3	82 -->118	15
tert-Butylbenzene	0	20	20.0	100	20.4	102	2	79 -->121	17
1,2,4-Trimethylbenzene	0	20	20.3	102	20.7	104	2	75 -->128	12
sec-Butylbenzene	0	20	20.1	101	20.8	104	3	73 -->124	14
p-Isopropyltoluene	0	20	20.0	100	20.6	103	3	75-->124	12
1,3-Dichlorobenzene	0	20	19.7	99	20.7	104	5	77 -->121	12
1,4-Dichlorobenzene	0	20	19.5	98	20.1	101	3	75 -->121	14
p-Diethylbenzene	0	20	19.8	99	20.6	103	4	65 -->133	15
n-Butylbenzene	0	20	20.4	102	21.4	107	5	65 -->132	17
1,2-Dichlorobenzene	0	20	19.6	98	19.8	99	1	81 -->116	11
1,2,4,5-Tetramethylbenzene	0	20	19.8	99	20.4	102	3	67-->132	15
1,2-Dibromo-3-chloropropane	0	20	18.6	93	18.8	94	1	62-->120	18
1,2,4-Trichlorobenzene	0	20	19.4	97	20.4	102	5	64 -->127	16
Hexachlorobutadiene	0	20	20.6	103	20.7	104	0	58-->135	21
Naphthalene	0	20	17.1	86	18.8	94	9	61-->126	17
1,2,3-Trichlorobenzene	0	20	17.8	89	19.4	97	9	61 -->127	16

*RPD= Relative Percent Difference.

#- Column to be used to flag results outside of control limits.

N- Matrix spike recovery is outside of lab established control limits.

M- Injection precision not met (RPD exceeds lab established limit).

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061209.D
 Acq On : 6 Apr 2012 11:47 am
 Operator :
 Sample : 121221.02 5ml
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 09 09:22:22 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2524905	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4280336	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2786981	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3270611	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-dichloroethane-d4	3.18	102	314483	52.92	ug/L	0.00
37) toluene-d8	4.93	98	5694667	51.36	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2536585	51.29	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	1.39	96	7298m	Below Cal		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	1.68	58	14353m	4.61	ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	0.00	84	0	N.D.		
13) carbon disulfide	2.03	76	5562	N.D.		
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	0.00	83	0	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	0.00	62	0	N.D.		
29) benzene	0.00	78	0	N.D.		
30) trichloroethene	3.95	95	4067m	Below Cal		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	4.99	91	13773	Below Cal	#	20
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.00	76	1845m	Below Cal		
45) tetrachloroethene	5.49	166	145940m	2.80	ug/L	
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.15	91	11588	N.D.		
51) m+p xylene	6.30	106	12141m	0.21	ug/L	
52) o-xylene	6.58	106	4517	N.D.		
53) styrene	0.00	104	0	N.D.		
54) bromoform	0.00	173	0	N.D.		

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061209.D
 Acq On : 6 Apr 2012 11:47 am
 Operator :
 Sample : 121221.02 5ml
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

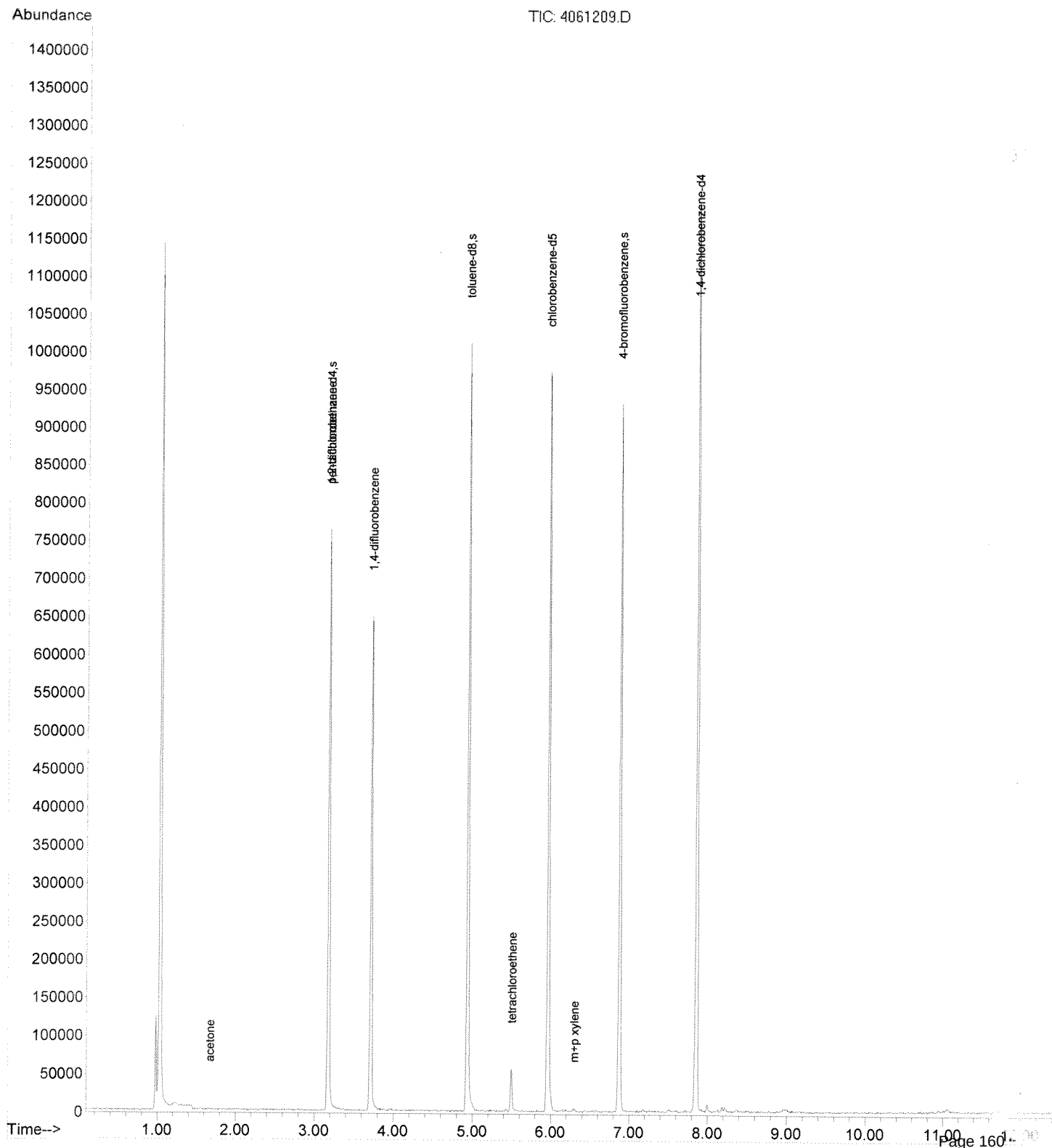
Quant Time: Apr 09 09:22:22 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.87	105	5888	N.D.		
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
58) 1,2,3-trichloropropane	0.00	75	0	N.D.		
59) n-propylbenzene	0.00	91	0	N.D.		
60) bromobenzene	0.00	156	0	N.D.		
61) p-ethyltoluene	0.00	105	0	N.D.		
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.		
63) 2-chlorotoluene	0.00	126	0	N.D.		
64) 4-chlorotoluene	0.00	126	0	N.D.		
65) tert-butylbenzene	0.00	134	0	N.D.		
66) 1,2,4-trimethylbenzene	7.71	105	12772	N.D.		
67) sec-butylbenzene	0.00	105	0	N.D.		
68) 4-isopropyltoluene	0.00	119	0	N.D.		
69) 1,3-dichlorobenzene	0.00	146	0	N.D.		
70) 1,4-dichlorobenzene	0.00	146	0	N.D.		
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.		
72) n-butylbenzene	0.00	92	0	N.D.		
73) p-diethylbenzene	0.00	119	0	N.D.		
74) 1,2-dichlorobenzene	0.00	146	0	N.D.		
75) 1,2,4,5-tetramethylbenzene	0.00	119	0	N.D.		
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.		
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
78) hexachlorobutadiene	0.00	225	0	N.D.		
79) naphthalene	0.00	128	0	N.D.		
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061209.D
Acq On : 6 Apr 2012 11:47 am
Operator :
Sample : 121221.02 5ml
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 09 09:22:22 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061210.D
 Acq On : 6 Apr 2012 12:09 pm
 Operator :
 Sample : 121221.02 5ml +20MS (121221.03)
 Misc : KM040512
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 09:23:38 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2633909	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4411595	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2923472	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3594050	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	314621	51.37	ug/L	0.00
37) toluene-d8	4.93	98	5733349	50.17	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2707183	53.12	ug/L	0.00

Target Compounds

						Qvalue
2) dichlorodifluoromethane	1.12	85	731773	17.61	ug/L	97
3) chlorodifluoromethane	1.10	67	191906	21.05	ug/L	90
4) chloromethane	1.19	50	560631	20.24	ug/L	97
5) vinyl chloride	1.25	62	676338	19.19	ug/L	92
6) bromomethane	1.38	96	393281	19.36	ug/L	100
7) chloroethane	1.43	64	412423	20.01	ug/L	91
8) trichlorofluoromethane	1.64	101	1311140	20.56	ug/L	96
9) freon	1.96	151	649432	21.61	ug/L	93
10) acetone	1.68	58	304621m	109.06	ug/L	
11) 1,1-dichloroethene	1.86	96	565645	20.90	ug/L	98
12) methylene chloride	1.93	84	772909	21.52	ug/L	94
13) carbon disulfide	2.04	76	1786094	21.28	ug/L	98
14) tert-butylmethylether	2.32	73	1982880	21.98	ug/L	97
15) trans-1,2-dichloroethene	2.26	96	735188	21.85	ug/L	97
16) vinyl acetate	2.48	43	6920546	121.00	ug/L	98
17) 1,1-dichloroethane	2.39	63	1336065	22.48	ug/L	97
18) methyl ethyl ketone	2.63	72	455546m	109.01	ug/L	
19) 2,2-dichloropropane	2.88	77	929263	22.12	ug/L	98
20) cis-1,2-dichloroethene	2.71	96	886484	22.13	ug/L	98
21) chloroform	2.83	83	1590432	22.13	ug/L	99
22) bromochloromethane	2.80	128	490610	21.67	ug/L	# 79
23) 1,1,1-trichloroethane	3.29	97	1307513	22.01	ug/L	# 98
25) 1,1-dichloropropene	3.41	75	1197604	21.56	ug/L	97
26) carbon tetrachloride	3.51	119	1045086	21.11	ug/L	94
28) 1,2-dichloroethane	3.22	62	1388793m	21.55	ug/L	
29) benzene	3.54	78	3258066	21.89	ug/L	98
30) trichloroethene	3.97	95	942090	22.69	ug/L	89
31) 1,2-dichloropropane	3.93	63	784196	22.02	ug/L	93
32) bromodichloromethane	3.99	83	1234349	21.53	ug/L	98
33) dibromomethane	3.90	93	564213	22.07	ug/L	89
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	4.54	43	3583069	107.36	ug/L	99
36) cis-1,3-dichloropropene	4.44	75	1241688	21.15	ug/L	95
38) toluene	4.98	91	3983482	21.86	ug/L	98
39) trans-1,3-dichloropropene	4.75	75	1177344	21.32	ug/L	97
40) 1,1,2-trichloroethane	4.85	83	698619	22.85	ug/L	93
43) 2-hexanone	5.16	43	2495791m	100.52	ug/L	
44) 1,3-dichloropropane	5.02	76	1534924	20.80	ug/L	94
45) tetrachloroethene	5.50	166	1158526	22.61	ug/L	98
46) dibromochloromethane	5.19	129	999474	20.12	ug/L	97
47) 1,2-dibromoethane	5.36	107	942846	19.97	ug/L	# 96
48) chlorobenzene	5.98	112	2835762	20.32	ug/L	99
49) 1,1,1,2-tetrachloroethane	5.93	131	955018	20.31	ug/L	# 88
50) ethylbenzene	6.15	91	4393928	20.48	ug/L	95
51) m+p xylene	6.30	106	3668618	41.56	ug/L	97
52) o-xylene	6.58	106	1830067	20.72	ug/L	98
53) styrene	6.53	104	2916637m	20.24	ug/L	
54) bromoform	6.33	173	647234	19.49	ug/L	100

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061210.D
 Acq On : 6 Apr 2012 12:09 pm
 Operator :
 Sample : 121221.02 5ml +20MS (121221.03)
 Misc : KM040512
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 09:23:38 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4337520	20.04	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	1069642	20.29	ug/L	96
58) 1,2,3-trichloropropane	6.68	75	954922m	19.97	ug/L	
59) n-propylbenzene	7.19	91	4606509	19.82	ug/L	95
60) bromobenzene	7.01	156	1248412	19.21	ug/L	96
61) p-ethyltoluene	7.32	105	4382779	20.00	ug/L	98
62) 1,3,5-trimethylbenzene	7.43	120	1897410	20.17	ug/L	99
63) 2-chlorotoluene	7.25	126	1133556	20.15	ug/L	99
64) 4-chlorotoluene	7.31	126	1176788	19.90	ug/L	87
65) tert-butylbenzene	7.62	134	771011	19.99	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	3907970	20.32	ug/L	97
67) sec-butylbenzene	7.79	105	4177763	20.14	ug/L	100
68) 4-isopropyltoluene	7.94	119	3753294	20.00	ug/L	99
69) 1,3-dichlorobenzene	7.82	146	2199363	19.67	ug/L	99
70) 1,4-dichlorobenzene	7.88	146	2299647	19.46	ug/L	98
71) 1,2,3-trimethylbenzene	8.03	105	3871585	19.91	ug/L	97
72) n-butylbenzene	8.25	92	1675177	20.38	ug/L	95
73) p-diethylbenzene	8.24	119	2075395	19.84	ug/L	88
74) 1,2-dichlorobenzene	8.14	146	2109676	19.57	ug/L	97
75) 1,2,4,5-tetramethylbenzene	8.97	119	2725194	19.82	ug/L	100
76) 1,2-dibromo-3-chloropropan	8.49	157	206476	18.58	ug/L	94
77) 1,2,4-trichlorobenzene	9.54	180	943199	19.35	ug/L	95
78) hexachlorobutadiene	9.79	225	392321	20.62	ug/L	94
79) naphthalene	9.73	128	2215513	17.14	ug/L	97
80) 1,2,3-trichlorobenzene	9.88	180	698937	17.80	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Quant Time: Apr 09 09:23:38 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061211.D
 Acq On : 6 Apr 2012 12:31 pm
 Operator :
 Sample : 121221.02 5ml +20MSD (121221.04)
 Misc : KM040512
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 09:24:52 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2556889	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4338491	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2889299	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3459496	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	285666	47.43	ug/L	0.00
37) toluene-d8	4.93	98	5743423	51.10	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2664630	53.16	ug/L	0.00

Target Compounds

						Qvalue
2) dichlorodifluoromethane	1.12	85	685116m	16.96	ug/L	
3) chlorodifluoromethane	1.10	67	188321	21.27	ug/L	99
4) chloromethane	1.19	50	536260	19.95	ug/L	98
5) vinyl chloride	1.24	62	662182	19.36	ug/L	93
6) bromomethane	1.38	96	418267	21.05	ug/L	90
7) chloroethane	1.43	64	430297	21.60	ug/L	95
8) trichlorofluoromethane	1.64	101	1317887	21.35	ug/L	98
9) freon	1.95	151	628179	21.53	ug/L	99
10) acetone	1.68	58	289037m	106.12	ug/L	
11) 1,1-dichloroethene	1.86	96	581101	22.18	ug/L	98
12) methylene chloride	1.93	84	774857	22.25	ug/L	93
13) carbon disulfide	2.03	76	1711375	21.02	ug/L	96
14) tert-butylmethylether	2.32	73	1946212	22.22	ug/L	97
15) trans-1,2-dichloroethene	2.26	96	714407	21.87	ug/L	95
16) vinyl acetate	2.47	43	6772977	121.90	ug/L	100
17) 1,1-dichloroethane	2.39	63	1291183	22.39	ug/L	99
18) methyl ethyl ketone	2.63	72	449824m	110.91	ug/L	
19) 2,2-dichloropropane	2.88	77	939739	22.96	ug/L	99
20) cis-1,2-dichloroethene	2.71	96	864142	22.22	ug/L	99
21) chloroform	2.83	83	1554181	22.27	ug/L	100
22) bromochloromethane	2.80	128	485207	22.06	ug/L	# 80
23) 1,1,1-trichloroethane	3.28	97	1297903	22.51	ug/L	# 99
25) 1,1-dichloropropene	3.41	75	1207355	22.09	ug/L	97
26) carbon tetrachloride	3.51	119	1050306	21.58	ug/L	91
28) 1,2-dichloroethane	3.22	62	1415564m	22.34	ug/L	
29) benzene	3.54	78	3193657	21.82	ug/L	98
30) trichloroethene	3.96	95	900490	22.04	ug/L	91
31) 1,2-dichloropropane	3.93	63	726856	20.77	ug/L	# 91
32) bromodichloromethane	3.99	83	1213875	21.53	ug/L	98
33) dibromomethane	3.90	93	542482	21.59	ug/L	88
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	4.54	43	3595285	109.67	ug/L	98
36) cis-1,3-dichloropropene	4.44	75	1212092	21.01	ug/L	98
38) toluene	4.98	91	3981245	22.23	ug/L	96
39) trans-1,3-dichloropropene	4.75	75	1162308	21.39	ug/L	97
40) 1,1,2-trichloroethane	4.84	83	661200	22.01	ug/L	94
43) 2-hexanone	5.16	43	2541323m	103.76	ug/L	
44) 1,3-dichloropropane	5.02	76	1511441	20.72	ug/L	98
45) tetrachloroethene	5.50	166	1157457	22.89	ug/L	98
46) dibromochloromethane	5.19	129	955870	19.50	ug/L	95
47) 1,2-dibromoethane	5.36	107	907303	19.44	ug/L	# 99
48) chlorobenzene	5.98	112	2765263	20.05	ug/L	98
49) 1,1,1,2-tetrachloroethane	5.93	131	925637	19.94	ug/L	# 91
50) ethylbenzene	6.15	91	4311577	20.33	ug/L	95
51) m+p xylene	6.30	106	3562331	40.82	ug/L	99
53) o-xylene	6.58	106	1783766	20.42	ug/L	96
53) styrene	6.53	104	2890307m	20.29	ug/L	
54) bromoform	6.33	173	652538	19.86	ug/L	96

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061211.D
 Acq On : 6 Apr 2012 12:31 pm
 Operator :
 Sample : 121221.02 5ml +20MSD (121221.04)
 Misc : KM040512
 ALS Vial : 11 Sample Multiplier: 1

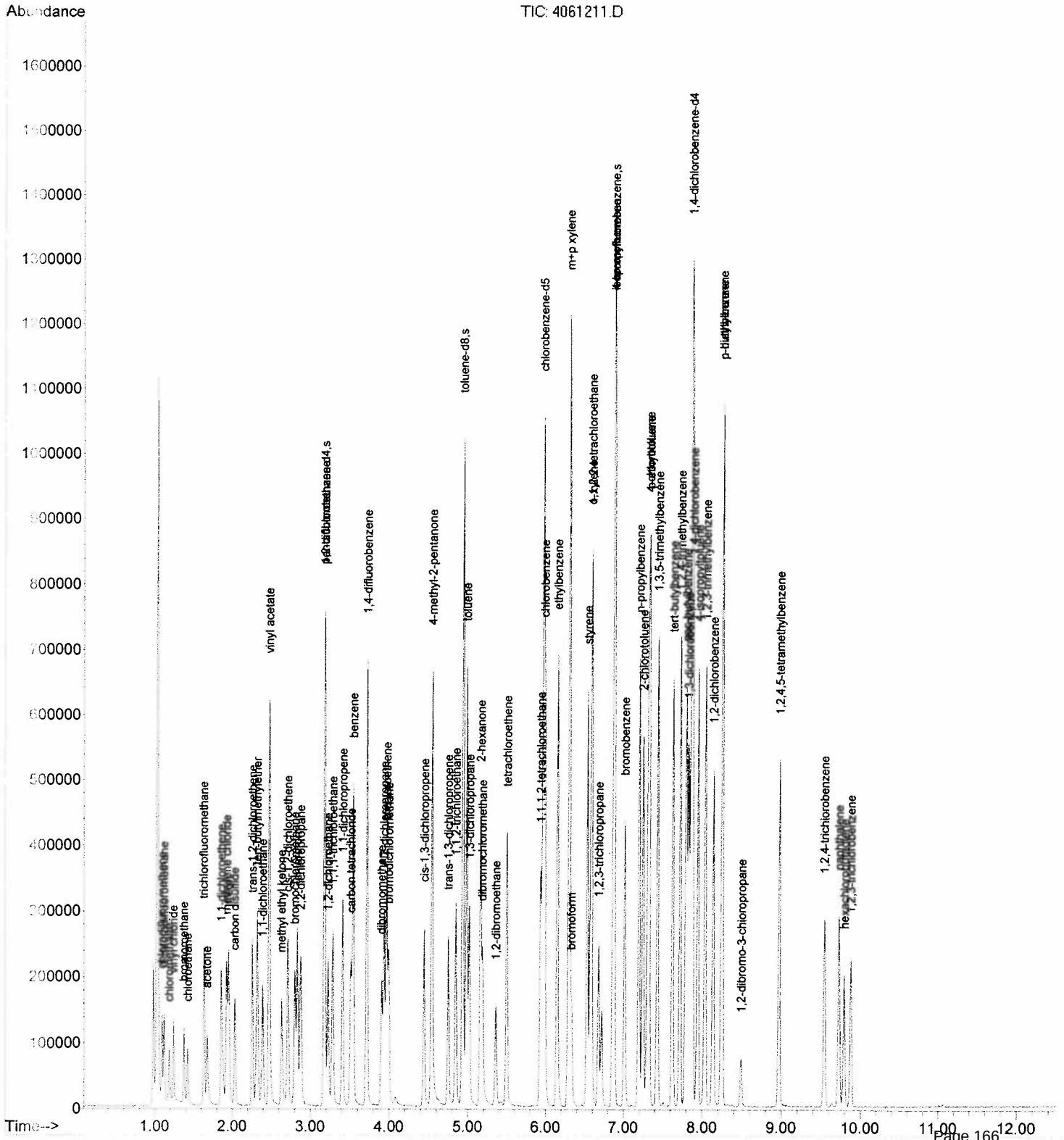
Quant Time: Apr 09 09:24:52 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4351194	20.90	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	1041634	20.54	ug/L	94
58) 1,2,3-trichloropropane	6.68	75	930433	20.24	ug/L	93
59) n-propylbenzene	7.19	91	4697068	21.00	ug/L	95
60) bromobenzene	7.01	156	1269528	20.33	ug/L	99
61) p-ethyltoluene	7.32	105	4338340	20.56	ug/L	97
62) 1,3,5-trimethylbenzene	7.43	120	1885311	20.82	ug/L	100
63) 2-chlorotoluene	7.25	126	1127214	20.82	ug/L	97
64) 4-chlorotoluene	7.31	126	1174292	20.64	ug/L	88
65) tert-butylbenzene	7.62	134	758250	20.44	ug/L	97
66) 1,2,4-trimethylbenzene	7.72	105	3832416	20.70	ug/L	99
67) sec-butylbenzene	7.79	105	4148627	20.79	ug/L	100
68) 4-isopropyltoluene	7.94	119	3715559	20.58	ug/L	99
69) 1,3-dichlorobenzene	7.82	146	2223567	20.68	ug/L	98
70) 1,4-dichlorobenzene	7.87	146	2282544	20.08	ug/L	99
71) 1,2,3-trimethylbenzene	8.03	105	3780196	20.20	ug/L	95
72) n-butylbenzene	8.25	92	1686855	21.36	ug/L	95
73) p-diethylbenzene	8.24	119	2069968	20.56	ug/L	88
74) 1,2-dichlorobenzene	8.14	146	2048939	19.75	ug/L	96
75) 1,2,4,5-tetramethylbenzene	8.97	119	2731740	20.59	ug/L	99
76) 1,2-dibromo-3-chloropropan	8.49	157	201403	18.82	ug/L	87
77) 1,2,4-trichlorobenzene	9.54	180	957959	20.42	ug/L #	96
78) hexachlorobutadiene	9.79	225	379514	20.73	ug/L	92
79) naphthalene	9.72	128	2343810	18.76	ug/L	98
80) 1,2,3-trichlorobenzene	9.88	180	728282	19.38	ug/L	96

(# = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061211.D
Acq On : 6 Apr 2012 12:31 pm
Operator :
Sample : 121221.02 5ml +20MSD (121221.04)
Misc : KM040512
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 09:24:52 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Reference Standards

Summary Report

Quant Reports and Chromatograms

QC Check Standard Summary (VOC EPA 8260)

Compound	Source	Target (ug/L)	Result (ug/L)	Lower control Limit (ug/L)	Upper control Limit (ug/L)	#
Dichlorodifluoromethane	(2)	10	10.0	4.5	17.7	
Chloromethane	(2)	10	11.7	7.1	14.5	
Vinyl chloride	(2)	10	9.3	6.5	12.2	
Bromomethane	(2)	10	10.2	4.6	16.6	
Chloroethane	(2)	10	10.0	6.6	12.2	
Trichlorofluoromethane	(2)	10	10.3	7.3	11.6	
Freon 113	(3)	10	11.3	7.5	11.3	
1,1-Dichloroethene	(1)	10	11.4	8.3	11.4	
Acetone	(3)	100	107	75.6	121	
Methylene chloride	(1)	10	11.0	8.2	12.1	
trans-1,2-Dichloroethene	(1)	10	10.8	8.9	11.4	
tert-butyl methyl Ether	(3)	10	11.5	8.1	12.5	
1,1-Dichloroethane	(1)	10	11.3	8.5	11.7	
2,2-Dichloropropane	(1)	10	11.1	5.8	12.7	
cis-1,2-Dichloroethene	(1)	10	11.5	8.9	11.9	
Methyl ethyl ketone	(3)	100	97.8	56.7	125	
Chloroform	(1)	10	11.2	8.8	11.9	
Bromochloromethane	(1)	10	11.4	8.7	11.8	
1,1,1-Trichloroethane	(1)	10	10.4	8.1	11.7	
1,1-Dichloropropene	(1)	10	10.2	8.5	11.4	
Carbon tetrachloride	(1)	10	10.7	8.0	12.3	
Benzene	(1)	10	11.0	9.0	11.0	
1,2-Dichloroethane	(1)	10	10.6	8.2	12.7	
Trichloroethene	(1)	10	11.3	8.7	12.0	
1,2-Dichloropropane	(1)	10	11.0	8.6	11.4	
Bromodichloromethane	(1)	10	10.0	8.9	11.6	
Dibromomethane	(1)	10	10.9	8.2	12.1	
cis-1,3-Dichloropropene	(1)	10	10.4	8.7	11.3	
Methyl isobutyl ketone	(3)	100	106	71.2	120	
Toluene	(1)	10	10.9	8.9	11.3	
trans-1,3-Dichloropropene	(1)	10	9.5	6.7	12.1	
1,1,2-Trichloroethane	(1)	10	11.3	8.3	11.8	
Tetrachloroethene	(1)	10	10.2	7.3	13.1	
1,3-Dichloropropane	(1)	10	10.7	8.3	11.5	

#- Column to be used to flag reference result with an asterisk.

*- Result is outside of QC limits.

QC Check Standard Summary (VOC EPA 8260)

EcoTest Laboratories Inc.

Instrument ID: GCMSV4

Lab File ID: 04061212.D

Date of Analysis: 04/05/12

Associated Samples: 121221.01 --> 121221.10

Compound	Source	Target (ug/L)	Result (ug/L)	Upper control Limit (ug/L)	Lower Control Limit (ug/L)	#
Dibromochloromethane	(1)	10	9.0	8.4	11.2	
1,2-Dibromoethane	(1)	10	10.0	8.0	11.3	
Chlorobenzene	(1)	10	9.9	8.6	11.0	
1,1,1,2-Tetrachloroethane	(1)	10	9.8	7.5	11.7	
Ethyl Benzene	(1)	10	10.2	8.4	11.4	
M+P-Xylene	(1)	20	20.4	17.1	23.3	
O-Xylene	(1)	10	10.0	8.0	11.4	
Styrene	(1)	10	10.4	8.1	11.5	
Bromoform	(1)	10	9.9	6.2	10.8	
Isopropylbenzene	(1)	10	8.7	7.8	10.8	
1,1,2,2-Tetrachloroethane	(1)	10	9.6	6.8	11.8	
1,2,3-Trichloropropane	(1)	10	10.0	6.8	12.3	
Bromobenzene	(1)	10	10.0	8.6	11.3	
n-Propylbenzene	(1)	10	9.8	8.0	11.0	
p-Ethyltoluene	(3)	10	9.7	9.0	12.3	
2-Chlorotoluene	(1)	10	10.1	8.1	11.4	
1,3,5-Trimethylbenzene	(1)	10	9.9	8.5	10.8	
4-Chlorotoluene	(1)	10	10.3	8.0	11.2	
tert-Butylbenzene	(1)	10	10.1	7.4	11.5	
1,2,4-Trimethylbenzene	(1)	10	10.1	7.8	11.8	
sec-Butylbenzene	(1)	10	10.1	8.2	11.1	
p-Isopropyltoluene	(1)	10	9.7	8.0	10.7	
1,3-Dichlorobenzene	(1)	10	9.9	8.6	10.9	
1,4-Dichlorobenzene	(1)	10	9.9	8.6	10.9	
p-Diethylbenzene	(3)	10	10.6	8.5	12.0	
n-Butylbenzene	(1)	10	10.4	7.4	11.4	
1,2-Dichlorobenzene	(1)	10	10.2	6.5	13.8	
1,2,4,5-Tetramethylbenzene	(3)	10	12.1	8.8	12.2	
1,2-Dibromo-3-chloropropane	(1)	10	9.3	6.1	12.7	
1,2,4-Trichlorobenzene	(1)	10	10.6	6.9	14.1	
Hexachlorobutadiene	(1)	10	11.5	7.6	12.1	
Naphthalene	(1)	10	9.8	7.1	12.5	
1,2,3-Trichlorobenzene	(1)	10	10.3	7.2	11.5	

#- Column to be used to flag reference result with an asterisk.

*- Result is outside of QC limits.

Source of Stock Standard

(1)- Accstandard catalog# M-502A-R-10X.

(2)- ECS Catalog# ECS-A-013, ECS-B-013

(3)- Prepared by EcoTest from neat compound.

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061212.D
 Acq On : 6 Apr 2012 12:53 pm
 Operator :
 Sample : reference 10ug/L
 Misc : KM040312R
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 09:25:53 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2662684	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4388956	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2936319	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3539721	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-dichloroethane-d4	3.18	102	311693	51.15	ug/L	0.00
37) toluene-d8	4.93	98	5897851	51.87	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2755062	54.33	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	430190	10.03	ug/L	# 95
3) chlorodifluoromethane	0.00	67	0	N.D.		
4) chloromethane	1.19	50	328538	11.68	ug/L	# 90
5) vinyl chloride	1.24	62	342055	9.31	ug/L	92
6) bromomethane	1.38	96	204626	10.21	ug/L	90
7) chloroethane	1.43	64	214741	9.96	ug/L	96
8) trichlorofluoromethane	1.64	101	688423	10.26	ug/L	95
9) freon	1.95	151	343672	11.29	ug/L	100
10) acetone	1.68	58	302052m	106.56	ug/L	
11) 1,1-dichloroethene	1.86	96	319617	11.44	ug/L	98
12) methylene chloride	1.93	84	406902	10.96	ug/L	98
13) carbon disulfide	2.03	76	872746	10.60	ug/L	98
14) tert-butylmethylether	2.32	73	1036157	11.48	ug/L	97
15) trans-1,2-dichloroethene	2.26	96	369503	10.80	ug/L	99
16) vinyl acetate	2.47	43	6954172	120.33	ug/L	100
17) 1,1-dichloroethane	2.39	63	667411	11.29	ug/L	98
18) methyl ethyl ketone	2.63	72	413713	97.76	ug/L	97
19) 2,2-dichloropropane	2.88	77	451614	11.13	ug/L	98
20) cis-1,2-dichloroethene	2.71	96	451248	11.45	ug/L	94
21) chloroform	2.83	83	814721	11.18	ug/L	99
22) bromochloromethane	2.80	128	258405	11.44	ug/L	96
23) 1,1,1-trichloroethane	3.29	97	628271	10.36	ug/L	98
25) 1,1-dichloropropene	3.41	75	563719	10.23	ug/L	95
26) carbon tetrachloride	3.51	119	529441	10.65	ug/L	95
28) 1,2-dichloroethane	3.22	62	684698	10.58	ug/L	# 89
29) benzene	3.54	78	1639507	11.02	ug/L	99
30) trichloroethene	3.96	95	474413	11.31	ug/L	89
31) 1,2-dichloropropane	3.93	63	389404	11.04	ug/L	# 95
32) bromodichloromethane	3.99	83	559429	9.97	ug/L	100
33) dibromomethane	3.90	93	275337	10.88	ug/L	87
34) 2-chloroethylvinylether	4.31	63	234007	11.92	ug/L	98
35) 4-methyl-2-pentanone	4.54	43	3536330	106.46	ug/L	99
36) cis-1,3-dichloropropene	4.44	75	573337	10.36	ug/L	95
38) toluene	4.98	91	2003982	10.89	ug/L	97
39) trans-1,3-dichloropropene	4.75	75	483277	9.52	ug/L	98
40) 1,1,2-trichloroethane	4.85	83	341174	11.30	ug/L	94
43) 2-hexanone	5.16	43	2444489m	97.87	ug/L	
44) 1,3-dichloropropane	5.02	76	803929	10.71	ug/L	95
45) tetrachloroethene	5.50	166	549929	10.18	ug/L	97
46) dibromochloromethane	5.19	129	437591	9.01	ug/L	96
47) 1,2-dibromoethane	5.36	107	476606	9.99	ug/L	# 92
48) chlorobenzene	5.98	112	1414532	9.90	ug/L	94
49) 1,1,1,2-tetrachloroethane	5.93	131	455861	9.83	ug/L	# 1
50) ethylbenzene	6.15	91	2185938	10.16	ug/L	95
51) m+p xylene	6.30	106	1819764	20.43	ug/L	96
52) o-xylene	6.58	106	895939	9.99	ug/L	96
53) styrene	6.53	104	1474573	10.43	ug/L	97
54) bromoform	6.33	173	320670	9.88	ug/L	100

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061212.D
 Acq On : 6 Apr 2012 12:53 pm
 Operator :
 Sample : reference 10ug/L
 Misc : KM040312R
 ALS Vial : 12 Sample Multiplier: 1

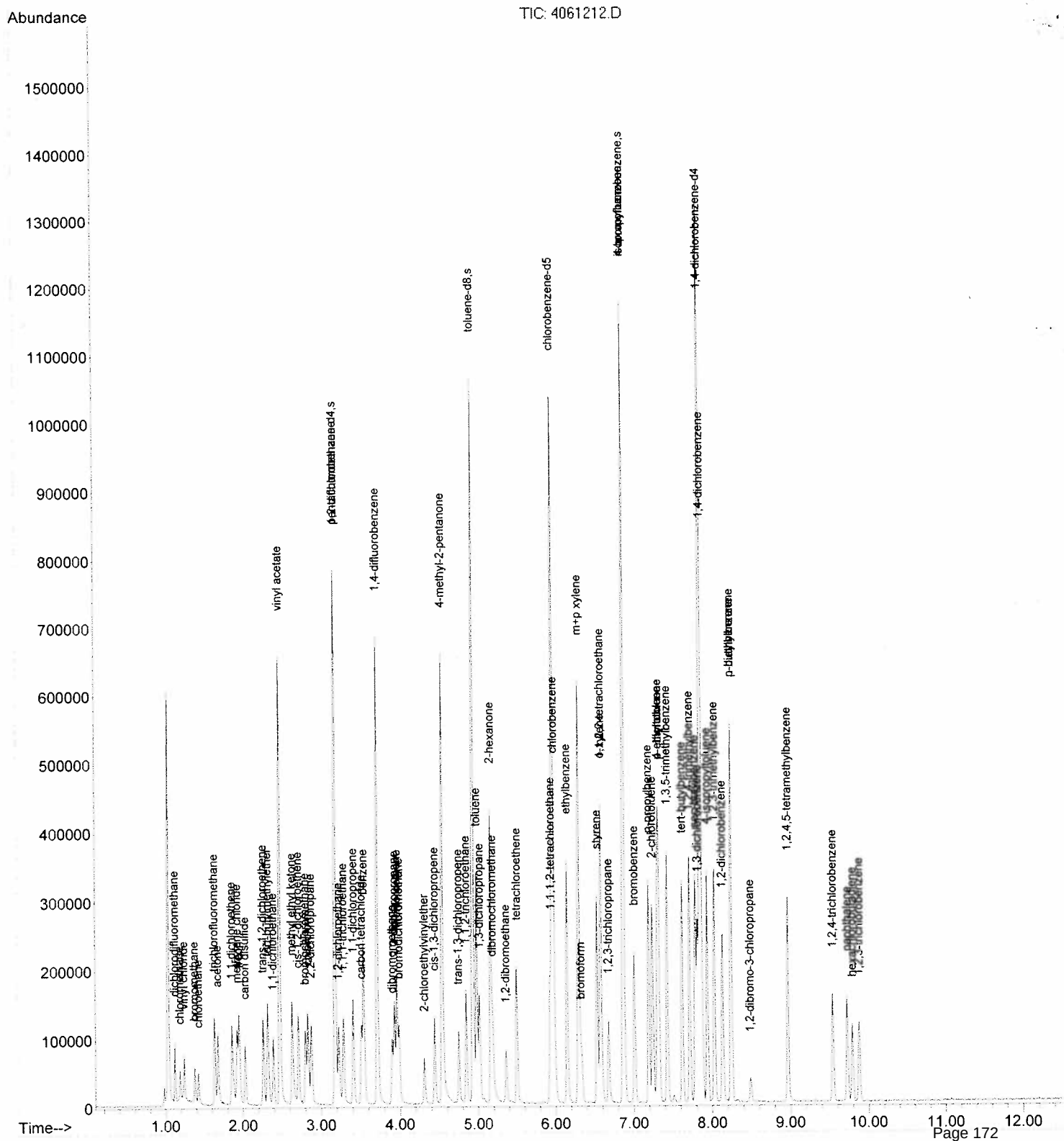
Quant Time: Apr 09 09:25:53 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	1859579	8.65	ug/L	96
57) 1,1,2,2-tetrachloroethane	6.57	83	512540	9.55	ug/L	96
58) 1,2,3-trichloropropane	6.68	75	491742	9.99	ug/L	95
59) n-propylbenzene	7.19	91	2239678	9.79	ug/L	95
60) bromobenzene	7.01	156	648905	9.99	ug/L	97
61) p-ethyltoluene	7.32	105	2089392	9.71	ug/L	99
62) 1,3,5-trimethylbenzene	7.43	120	918908	9.94	ug/L	96
63) 2-chlorotoluene	7.24	126	562217	10.11	ug/L	98
64) 4-chlorotoluene	7.31	126	603896	10.28	ug/L	93
65) tert-butylbenzene	7.62	134	385131	10.05	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	1887427	10.05	ug/L	98
67) sec-butylbenzene	7.79	105	2084712	10.13	ug/L	100
68) 4-isopropyltoluene	7.94	119	1814705	9.72	ug/L	99
69) 1,3-dichlorobenzene	7.82	146	1105198	9.93	ug/L	99
70) 1,4-dichlorobenzene	7.87	146	1170088	9.91	ug/L	96
71) 1,2,3-trimethylbenzene	8.03	105	1877344	9.78	ug/L	94
72) n-butylbenzene	8.25	92	857075	10.41	ug/L	96
73) p-diethylbenzene	8.24	119	1088056	10.60	ug/L	89
74) 1,2-dichlorobenzene	8.14	146	1097347	10.23	ug/L	97
75) 1,2,4,5-tetramethylbenzene	8.97	119	1589855	12.08	ug/L	100
76) 1,2-dibromo-3-chloropropan	8.49	157	100610	9.33	ug/L	94
77) 1,2,4-trichlorobenzene	9.54	180	513556	10.64	ug/L	95
78) hexachlorobutadiene	9.79	225	219502	11.54	ug/L	88
79) naphthalene	9.73	128	1224830	9.81	ug/L	99
80) 1,2,3-trichlorobenzene	9.88	180	407160	10.25	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061212.D
Acq On : 6 Apr 2012 12:53 pm
Operator :
Sample : reference 10ug/L
Misc : KM040312R
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 09:25:53 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Initial Calibrations

Summary Reports

Quant Reports and Chromatograms

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\2\METHODS\

Method File : VWL032912.M

Title :

Last Update : Mon Apr 02 13:24:12 2012

Response Via : Initial Calibration

Calibration Files

0.7 =3291215.D 2 =3291216.D 5 =3291217.D
 10 =3291218.D 20 =3291219.D 30 =3291220.D

Compound	0.7	2	5	10	20	30	Avg	%RSD
-----ISTD-----								
1) pentafluorobenzene								
2) dichlorodifluorom	0.840	0.938	0.864	0.802	0.749	0.780	0.829	8.12
3) chlorodifluoromet	0.253	0.206	0.182	0.170	0.173	0.175	0.193	16.58
4) chloromethane	0.727	0.653	0.536	0.557	0.496	0.538	0.585	14.95
5) vinyl chloride	0.717	0.762	0.672	0.680	0.682	0.642	0.693	6.02
6) bromomethane	0.710	0.465	0.391	0.385	0.373	0.412	0.456	28.24
7) chloroethane	0.550	0.414	0.419	0.389	0.412	0.373	0.426	14.82
8) trichlorofluorome	1.353	1.311	1.297	1.258	1.213	1.167	1.267	5.36
9) freon	0.717	0.672	0.577	0.566	0.571	0.573	0.613	10.63
10) acetone	0.056	0.067	0.064	0.053	0.055	0.050	0.057	11.25
11) 1,1-dichloroethen	0.595	0.612	0.556	0.514	0.509	0.508	0.549	8.41
12) methylene chlorid	0.920	0.830	0.725	0.712	0.660	0.682	0.755	13.20
13) carbon disulfide	1.551	1.564	1.519	1.552	1.575	1.637	1.567	2.52
14) tert-butylmethyle	1.653	1.802	1.653	1.724	1.698	1.731	1.710	3.29
15) trans-1,2-dichlor	0.696	0.722	0.662	0.643	0.637	0.639	0.667	5.21
16) vinyl acetate	0.934	1.100	0.970	1.040	1.054	1.116	1.035	6.91
17) 1,1-dichloroethan	1.129	1.175	1.106	1.112	1.109	1.147	1.130	2.40
18) methyl ethyl keto	0.075	0.081	0.076	0.083	0.078	0.079	0.079	4.08
19) 2,2-dichloropropa	0.889	0.786	0.749	0.770	0.780	0.829	0.801	6.33
20) cis-1,2-dichloroe	0.959	0.847	0.730	0.742	0.753	0.781	0.802	10.91
21) chloroform	1.460	1.534	1.332	1.370	1.369	1.363	1.405	5.44
22) bromochloromethan	0.521	0.493	0.436	0.425	0.418	0.441	0.455	9.10
23) 1,1,1-trichloroet	0.954	1.229	1.139	1.126	1.135	1.119	1.117	8.00
-----ISTD-----								
24) 1,4-difluorobenzene								
25) 1,1-dichloroprope	0.626	0.681	0.628	0.618	0.631	0.632	0.636	3.53
26) carbon tetrachlor	0.483	0.616	0.561	0.573	0.559	0.558	0.558	7.68
27) s 1,2-dichloroethan	0.072	0.071	0.069	0.072	0.068	0.065	0.069	4.05
28) 1,2-dichloroethan	0.848	0.883	0.748	0.740	0.714	0.736	0.778	8.94
29) benzene	1.805	1.880	1.725	1.672	1.682	1.688	1.742	4.79
30) trichloroethene	0.520	0.535	0.489	0.473	0.470	0.468	0.493	5.79
31) 1,2-dichloropropa	0.418	0.482	0.403	0.402	0.393	0.410	0.418	7.82
32) bromodichlorometh	0.755	0.791	0.604	0.640	0.650	0.661	0.683	10.63
33) dibromomethane	0.308	0.329	0.275	0.292	0.288	0.292	0.297	6.31
34) 2-chloroethylviny	0.164	0.249	0.200	0.224	0.230	0.236	0.217	14.12
35) 4-methyl-2-pentan	0.329	0.421	0.356	0.382	0.385	0.369	0.374	8.28
36) cis-1,3-dichlorop	0.557	0.642	0.610	0.629	0.655	0.697	0.632	7.42
37) s toluene-d8	1.292	1.301	1.308	1.287	1.297	1.287	1.295	0.63
38) toluene	2.424	2.372	2.154	2.070	2.067	2.052	2.190	7.58
39) trans-1,3-dichlor	0.432	0.582	0.565	0.570	0.616	0.662	0.571	13.49
40) 1,1,2-trichloroet	0.386	0.454	0.331	0.359	0.327	0.356	0.369	12.69
41) s 4-bromofluorobenz	0.567	0.589	0.593	0.569	0.566	0.581	0.578	2.05
-----ISTD-----								
42) chlorobenzene-d5								
43) 2-hexanone	0.373	0.471	0.408	0.446	0.425	0.411	0.422	7.98
44) 1,3-dichloropropa	1.385	1.465	1.244	1.278	1.271	1.249	1.315	6.81
45) tetrachloroethene	0.858	0.986	0.916	0.922	0.885	0.850	0.903	5.56
46) dibromochlorometh	0.875	0.915	0.762	0.832	0.866	0.866	0.853	6.04
47) 1,2-dibromoethane	0.866	0.882	0.771	0.827	0.806	0.804	0.826	5.06
48) chlorobenzene	2.750	2.775	2.449	2.399	2.404	2.351	2.521	7.52
49) 1,1,1,2-tetrachlo	0.763	0.916	0.763	0.789	0.797	0.822	0.808	7.12
50) ethylbenzene	3.637	4.023	3.530	3.654	3.686	3.675	3.701	4.52
51) m+p xylene	1.378	1.588	1.507	1.500	1.518	1.501	1.499	4.52
52) o-xylene	1.384	1.710	1.443	1.564	1.504	1.498	1.517	7.41
53) styrene	2.360	2.604	2.331	2.405	2.454	2.530	2.447	4.26
54) bromoform	0.534	0.580	0.527	0.538	0.577	0.582	0.556	4.64
-----ISTD-----								
55) 1,4-dichlorobenzene-d								
56) isopropylbenzene	2.900	3.275	3.057	2.973	3.021	2.991	3.036	4.22
57) 1,1,2,2-tetrachlo	0.681	0.929	0.746	0.758	0.718	0.718	0.758	11.53
58) 1,2,3-trichloropr	0.717	0.840	0.681	0.695	0.663	0.638	0.706	10.06
59) n-propylbenzene	2.780	3.268	3.149	3.235	3.237	3.226	3.149	5.87

Method Path : C:\MSDCHEM\2\METHODS\
 Method File : VWL032912.M
 Title :
 Last Update : Mon Apr 02 13:24:12 2012
 Response Via : Initial Calibration

Calibration Files

0.7 =3291215.D 2 =3291216.D 5 =3291217.D
 10 =3291218.D 20 =3291219.D 30 =3291220.D

	Compound	0.7	2	5	10	20	30	Avg	%RSD
60)	bromobenzene	0.906	1.128	0.914	0.905	0.893	0.897	0.941	9.79
61)	p-ethyltoluene	2.715	3.105	3.054	3.037	3.046	3.058	3.002	4.76
62)	1,3,5-trimethylbe	1.164	1.430	1.276	1.294	1.310	1.311	1.297	6.57
63)	2-chlorotoluene	0.792	0.889	0.776	0.770	0.789	0.780	0.800	5.59
64)	4-chlorotoluene	0.837	0.918	0.841	0.826	0.812	0.822	0.843	4.57
65)	tert-butylbenzene	0.509	0.571	0.535	0.529	0.543	0.529	0.536	3.84
66)	1,2,4-trimethylbe	2.534	2.847	2.598	2.640	2.683	2.698	2.667	4.00
67)	sec-butylbenzene	2.380	3.140	2.901	2.853	2.881	2.864	2.836	8.75
68)	4-isopropyltoluen	2.443	2.655	2.648	2.606	2.626	2.578	2.593	3.03
69)	1,3-dichlorobenze	1.592	1.866	1.608	1.538	1.536	1.555	1.616	7.80
70)	1,4-dichlorobenze	1.857	1.975	1.670	1.667	1.621	1.636	1.738	8.29
71)	1,2,3-trimethylbe	2.409	2.994	2.669	2.708	2.678	2.708	2.694	6.89
72)	n-butylbenzene	0.951	1.223	1.170	1.165	1.142	1.124	1.129	8.27
73)	p-diethylbenzene	1.218	1.448	1.395	1.443	1.472	1.450	1.404	6.74
74)	1,2-dichlorobenze	1.566	1.911	1.498	1.506	1.475	1.501	1.576	10.59
75)	1,2,4,5-tetrameth	1.638	1.716	1.756	1.867	1.919	1.976	1.812	7.15
76)	1,2-dibromo-3-chl	0.135	0.170	0.142	0.157	0.152	0.158	0.152	8.09
77)	1,2,4-trichlorobe	0.792	0.735	0.728	0.663	0.674	0.681	0.712	6.86
78)	hexachlorobutadie	0.302	0.270	0.299	0.264	0.259	0.264	0.276	6.99
79)	naphthalene	1.541	1.846	1.667	1.785	1.802	1.858	1.750	7.02
80)	1,2,3-trichlorobe	0.544	0.678	0.548	0.553	0.547	0.522	0.565	9.94

(#) = Out of Range

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291215.D
 Acq On : 29 Mar 2012 6:04 pm
 Operator :
 Sample : water std 0.7ug/L
 Misc : KM032912
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 02 13:30:11 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2831703	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4697115	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2879404	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3521823	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	337048	51.68	ug/L	0.00
37) toluene-d8	4.93	98	6070575	49.89	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2665534	49.12	ug/L	0.00

Target Compounds

						Qvalue
2) dichlorodifluoromethane	1.12	85	33112	0.61	ug/L	# 50
3) chlorodifluoromethane	1.09	67	10380m	0.71	ug/L	
4) chloromethane	1.18	50	32478m	0.76	ug/L	
5) vinyl chloride	1.24	62	28362m	0.68	ug/L	
6) bromomethane	1.38	96	27342m	0.64	ug/L	
7) chloroethane	1.43	64	21511m	0.74	ug/L	
8) trichlorofluoromethane	1.63	101	53560	0.69	ug/L	# 90
9) freon	1.95	151	28394	0.65	ug/L	# 17
10) acetone	1.68	58	10782m	3.08	ug/L	
11) 1,1-dichloroethene	1.85	96	23999m	0.65	ug/L	
12) methylene chloride	1.93	84	37949m	0.69	ug/L	
13) carbon disulfide	2.03	76	58424	0.65	ug/L	# 73
14) tert-butylmethylether	2.32	73	65448	0.63	ug/L	# 56
15) trans-1,2-dichloroethene	2.26	96	26125m	0.53	ug/L	
16) vinyl acetate	2.48	43	187383m	3.28	ug/L	
17) 1,1-dichloroethane	2.39	63	44719	0.67	ug/L	# 50
18) methyl ethyl ketone	2.64	72	14456m	3.42	ug/L	
19) 2,2-dichloropropane	2.88	77	35201	0.69	ug/L	# 59
20) cis-1,2-dichloroethene	2.72	96	38716m	0.69	ug/L	
21) chloroform	2.83	83	56494	0.64	ug/L	# 83
22) bromochloromethane	2.80	128	20159	0.62	ug/L	90
23) 1,1,1-trichloroethane	3.28	97	37777	0.60	ug/L	# 66
25) 1,1-dichloropropene	3.41	75	41151	0.66	ug/L	# 41
26) carbon tetrachloride	3.51	119	31857	0.58	ug/L	# 83
28) 1,2-dichloroethane	3.22	62	55663m	0.62	ug/L	
29) benzene	3.54	78	120349	0.67	ug/L	99
30) trichloroethene	3.97	95	33973	0.65	ug/L	84
31) 1,2-dichloropropane	3.93	63	27586m	0.61	ug/L	
32) bromodichloromethane	3.99	83	50874m	0.65	ug/L	
33) dibromomethane	3.90	93	19842m	0.64	ug/L	
34) 2-chloroethylvinylether	4.31	63	10597m	0.61	ug/L	
35) 4-methyl-2-pentanone	4.54	43	87623	3.18	ug/L	# 82
36) cis-1,3-dichloropropene	4.44	75	36619	0.66	ug/L	# 43
38) toluene	4.98	91	159397	0.66	ug/L	92
39) trans-1,3-dichloropropene	4.75	75	28423	0.64	ug/L	# 73
40) 1,1,2-trichloroethane	4.86	83	25367	0.56	ug/L	# 1
43) 2-hexanone	5.17	43	60745	2.79	ug/L	# 84
44) 1,3-dichloropropane	5.02	76	55813	0.66	ug/L	# 41
45) tetrachloroethene	5.50	166	34561	0.67	ug/L	# 81
46) dibromochloromethane	5.19	129	33472	0.64	ug/L	95
47) 1,2-dibromoethane	5.36	107	34916	0.71	ug/L	# 88
48) chlorobenzene	5.98	112	110242m	0.65	ug/L	
49) 1,1,1,2-tetrachloroethane	5.93	131	30758	0.62	ug/L	# 1
50) ethylbenzene	6.15	91	146627	0.67	ug/L	100
51) m+p xylene	6.29	106	111127	1.32	ug/L	100
52) o-xylene	6.58	106	55786	0.62	ug/L	94
53) styrene	6.53	104	92625m	0.64	ug/L	
54) bromoform	6.34	173	21071m	0.72	ug/L	

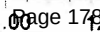
Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291215.D
 Acq On : 29 Mar 2012 6:04 pm
 Operator :
 Sample : water std 0.7ug/L
 Misc : KM032912
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 02 13:30:11 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	142947	0.66	ug/L	98
57) 1,1,2,2-tetrachloroethane	6.57	83	33585	0.59	ug/L #	74
58) 1,2,3-trichloropropane	6.68	75	34359m	0.61	ug/L	
59) n-propylbenzene	7.19	91	137054	0.68	ug/L #	52
60) bromobenzene	7.01	156	45121	0.60	ug/L	95
61) p-ethyltoluene	7.32	105	133818	0.63	ug/L	96
62) 1,3,5-trimethylbenzene	7.43	120	57358	0.65	ug/L	98
63) 2-chlorotoluene	7.24	126	39663	0.66	ug/L #	88
64) 4-chlorotoluene	7.31	126	41258	0.65	ug/L #	82
65) tert-butylbenzene	7.63	134	25070	0.70	ug/L	90
66) 1,2,4-trimethylbenzene	7.72	105	124891	0.65	ug/L #	83
67) sec-butylbenzene	7.79	105	117199	0.64	ug/L	91
68) 4-isopropyltoluene	7.94	119	120404	0.69	ug/L	94
69) 1,3-dichlorobenzene	7.82	146	78453	0.61	ug/L #	73
70) 1,4-dichlorobenzene	7.87	146	91553	0.63	ug/L #	63
71) 1,2,3-trimethylbenzene	8.03	105	118758	0.64	ug/L	90
72) n-butylbenzene	8.25	92	46882	0.60	ug/L	95
73) p-diethylbenzene	8.24	119	60038	0.69	ug/L #	72
74) 1,2-dichlorobenzene	8.13	146	77174	0.59	ug/L	98
75) 1,2,4,5-tetramethylbenzene	8.97	119	80749	0.71	ug/L	98
76) 1,2-dibromo-3-chloropropan	8.49	157	7163m	0.68	ug/L	
77) 1,2,4-trichlorobenzene	9.55	180	39018	0.67	ug/L #	77
78) hexachlorobutadiene	9.79	225	14281	0.66	ug/L #	21
79) naphthalene	9.72	128	75943	0.66	ug/L #	71
80) 1,2,3-trichlorobenzene	9.87	180	26528m	0.62	ug/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 02 13:30:11 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Fri Mar 30 10:22:48 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291216.D
 Acq On : 29 Mar 2012 6:25 pm
 Operator :
 Sample : water std 2ug/L
 Misc : KM032912
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 02 13:31:51 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2873870	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4591285	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2881648	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3494093	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-dichloroethane-d4	3.18	102	327444	51.37	ug/L	0.00
37) toluene-d8	4.93	98	5971564	50.21	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2706319	51.02	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	107258	2.19	ug/L	# 89
3) chlorodifluoromethane	1.09	67	23557	2.08	ug/L	95
4) chloromethane	1.19	50	71029	2.06	ug/L	# 49
5) vinyl chloride	1.24	62	86836	2.12	ug/L	# 88
6) bromomethane	1.38	96	49996	1.83	ug/L	91
7) chloroethane	1.43	64	47402	1.84	ug/L	90
8) trichlorofluoromethane	1.64	101	150187	1.98	ug/L	# 88
9) freon	1.95	151	77041	2.16	ug/L	89
10) acetone	1.68	58	39096m	11.15	ug/L	
11) 1,1-dichloroethene	1.86	96	70154	2.17	ug/L	87
12) methylene chloride	1.93	84	95072	2.13	ug/L	91
13) carbon disulfide	2.03	76	179175	2.04	ug/L	# 73
14) tert-butylmethylether	2.32	73	206445	2.09	ug/L	# 95
15) trans-1,2-dichloroethene	2.26	96	82657	2.09	ug/L	99
16) vinyl acetate	2.48	43	594146	10.37	ug/L	97
17) 1,1-dichloroethane	2.39	63	134644	2.09	ug/L	96
18) methyl ethyl ketone	2.63	72	42388	9.38	ug/L	# 89
19) 2,2-dichloropropane	2.88	77	90057	2.01	ug/L	# 59
20) cis-1,2-dichloroethene	2.71	96	97074	2.12	ug/L	86
21) chloroform	2.83	83	175696	2.16	ug/L	96
22) bromochloromethane	2.80	128	56437	2.16	ug/L	96
23) 1,1,1-trichloroethane	3.28	97	140788	2.15	ug/L	# 95
25) 1,1-dichloropropene	3.41	75	125008	2.14	ug/L	99
26) carbon tetrachloride	3.51	119	113434	2.16	ug/L	91
28) 1,2-dichloroethane	3.22	62	171380m	2.38	ug/L	
29) benzene	3.54	78	345343	2.14	ug/L	93
30) trichloroethene	3.96	95	98264	2.14	ug/L	92
31) 1,2-dichloropropane	3.93	63	87640	2.29	ug/L	# 93
32) bromodichloromethane	3.99	83	145243	2.34	ug/L	# 88
33) dibromomethane	3.90	93	60434	2.21	ug/L	# 82
34) 2-chloroethylvinylether	4.31	63	45753	2.36	ug/L	# 42
35) 4-methyl-2-pentanone	4.54	43	392953m	11.51	ug/L	
36) cis-1,3-dichloropropene	4.44	75	117947	2.13	ug/L	96
38) toluene	4.98	91	435598	2.13	ug/L	99
39) trans-1,3-dichloropropene	4.75	75	106823	2.18	ug/L	99
40) 1,1,2-trichloroethane	4.84	83	83339	2.48	ug/L	91
43) 2-hexanone	5.16	43	245158	9.89	ug/L	# 92
44) 1,3-dichloropropane	5.02	76	160679	2.09	ug/L	93
45) tetrachloroethene	5.50	166	114027	2.12	ug/L	92
46) dibromochloromethane	5.19	129	105418	2.19	ug/L	98
47) 1,2-dibromoethane	5.36	107	101710	2.13	ug/L	# 89
48) chlorobenzene	5.98	112	319912	2.15	ug/L	# 84
49) 1,1,1,2-tetrachloroethane	5.93	131	105633	2.30	ug/L	# 1
50) ethylbenzene	6.15	91	463671	2.18	ug/L	94
51) m+p xylene	6.30	106	365998	4.22	ug/L	99
52) o-xylene	6.59	106	197095	2.22	ug/L	96
53) styrene	6.53	104	300172	2.17	ug/L	97
54) bromoform	6.33	173	66817	2.18	ug/L	96

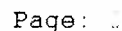
Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291216.D
 Acq On : 29 Mar 2012 6:25 pm
 Operator :
 Sample : water std 2ug/L
 Misc : KM032912
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 02 13:31:51 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	457677	2.14	ug/L	97
57) 1,1,2,2-tetrachloroethane	6.57	83	129762	2.38	ug/L #	86
58) 1,2,3-trichloropropane	6.68	75	99544	1.93	ug/L	90
59) n-propylbenzene	7.19	91	456666	2.08	ug/L	94
60) bromobenzene	7.01	156	156129	2.34	ug/L	95
61) p-ethyltoluene	7.32	105	433860	2.05	ug/L	95
62) 1,3,5-trimethylbenzene	7.43	120	199848	2.21	ug/L	92
63) 2-chlorotoluene	7.24	126	124250	2.21	ug/L	98
64) 4-chlorotoluene	7.31	126	128358	2.16	ug/L	89
65) tert-butylbenzene	7.62	134	80629	2.16	ug/L	95
66) 1,2,4-trimethylbenzene	7.72	105	397905	2.14	ug/L	90
67) sec-butylbenzene	7.79	105	438794	2.20	ug/L	100
68) 4-isopropyltoluene	7.94	119	371024	2.04	ug/L	96
69) 1,3-dichlorobenzene	7.82	146	251706	2.20	ug/L	97
70) 1,4-dichlorobenzene	7.87	146	275970	2.24	ug/L	90
71) 1,2,3-trimethylbenzene	8.03	105	418347	2.22	ug/L	98
72) n-butylbenzene	8.25	92	170907	2.10	ug/L	97
73) p-diethylbenzene	8.24	119	202296	2.08	ug/L	92
74) 1,2-dichlorobenzene	8.14	146	267043	2.41	ug/L	96
75) 1,2,4,5-tetramethylbenzene	8.97	119	239795	1.98	ug/L	98
76) 1,2-dibromo-3-chloropropan	8.50	157	23985m	2.29	ug/L	
77) 1,2,4-trichlorobenzene	9.54	180	101104	2.00	ug/L #	84
78) hexachlorobutadiene	9.79	225	37744	1.91	ug/L #	46
79) naphthalene	9.73	128	257936	2.16	ug/L	96
80) 1,2,3-trichlorobenzene	9.88	180	94724	2.33	ug/L #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 02 13:31:51 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Fri Mar 30 10:22:48 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291217.D
 Acq On : 29 Mar 2012 6:48 pm
 Operator :
 Sample : water std 5ug/L
 Misc : KM032912
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 02 13:33:18 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2931851	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4752653	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2989131	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3609283	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	332324	50.36	ug/L	0.00
37) toluene-d8	4.93	98	6198402	50.35	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2819596	51.35	ug/L	0.00

Target Compounds

						Qvalue
2) dichlorodifluoromethane	1.12	85	253852	5.27	ug/L	99
3) chlorodifluoromethane	1.09	67	53404	5.11	ug/L	81
4) chloromethane	1.19	50	163054m	5.09	ug/L	
5) vinyl chloride	1.24	62	197216	4.80	ug/L	# 86
6) bromomethane	1.38	96	109485	4.79	ug/L	95
7) chloroethane	1.43	64	122748	5.01	ug/L	89
8) trichlorofluoromethane	1.64	101	380178	5.03	ug/L	99
9) freon	1.95	151	169079	4.93	ug/L	99
10) acetone	1.68	58	95426m	27.28	ug/L	
11) 1,1-dichloroethene	1.86	96	162954	5.16	ug/L	93
12) methylene chloride	1.93	84	212627	5.02	ug/L	94
13) carbon disulfide	2.03	76	445478	4.98	ug/L	98
14) tert-butylmethylether	2.32	73	484519	4.88	ug/L	98
15) trans-1,2-dichloroethene	2.26	96	194141	5.06	ug/L	96
16) vinyl acetate	2.48	43	1403042	23.82	ug/L	100
17) 1,1-dichloroethane	2.39	63	324182	5.00	ug/L	100
18) methyl ethyl ketone	2.63	72	113434m	24.24	ug/L	
19) 2,2-dichloropropane	2.88	77	219646	4.98	ug/L	96
20) cis-1,2-dichloroethene	2.71	96	214168	4.89	ug/L	98
21) chloroform	2.83	83	390523	4.82	ug/L	95
22) bromochloromethane	2.80	128	127730	5.07	ug/L	95
23) 1,1,1-trichloroethane	3.28	97	333970	4.99	ug/L	# 96
25) 1,1-dichloropropene	3.41	75	298436	4.99	ug/L	98
26) carbon tetrachloride	3.51	119	269352	4.98	ug/L	94
28) 1,2-dichloroethane	3.22	62	351742m	4.92	ug/L	
29) benzene	3.54	78	819882	5.04	ug/L	97
30) trichloroethene	3.96	95	232226	5.03	ug/L	90
31) 1,2-dichloropropane	3.93	63	194215	5.04	ug/L	# 94
32) bromodichloromethane	3.99	83	279343	4.53	ug/L	97
33) dibromomethane	3.90	93	130294	4.72	ug/L	# 81
34) 2-chloroethylvinylether	4.31	63	91950	4.48	ug/L	# 89
35) 4-methyl-2-pentanone	4.54	43	845336	23.13	ug/L	96
36) cis-1,3-dichloropropene	4.44	75	289916	4.98	ug/L	96
38) toluene	4.98	91	1023622	5.03	ug/L	100
39) trans-1,3-dichloropropene	4.75	75	268723	5.07	ug/L	95
40) 1,1,2-trichloroethane	4.85	83	157334	4.72	ug/L	98
43) 2-hexanone	5.16	43	602465m	22.97	ug/L	
44) 1,3-dichloropropane	5.02	76	371924	4.79	ug/L	94
45) tetrachloroethene	5.50	166	268327	4.80	ug/L	94
46) dibromochloromethane	5.19	129	227819	4.62	ug/L	99
47) 1,2-dibromoethane	5.36	107	230396	4.71	ug/L	# 91
48) chlorobenzene	5.98	112	732109	4.94	ug/L	95
49) 1,1,1,2-tetrachloroethane	5.93	131	227934	4.84	ug/L	# 1
50) ethylbenzene	6.15	91	1055266	4.81	ug/L	93
51) m+p xylene	6.30	106	900472	9.93	ug/L	97
52) o-xylene	6.58	106	431240	4.69	ug/L	89
53) styrene	6.53	104	662933	4.65	ug/L	99
54) bromoform	6.33	173	157406	4.85	ug/L	97

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291217.D
 Acq On : 29 Mar 2012 6:48 pm
 Operator :
 Sample : water std 5ug/L
 Misc : KM032912
 ALS Vial : 17 Sample Multiplier: 1

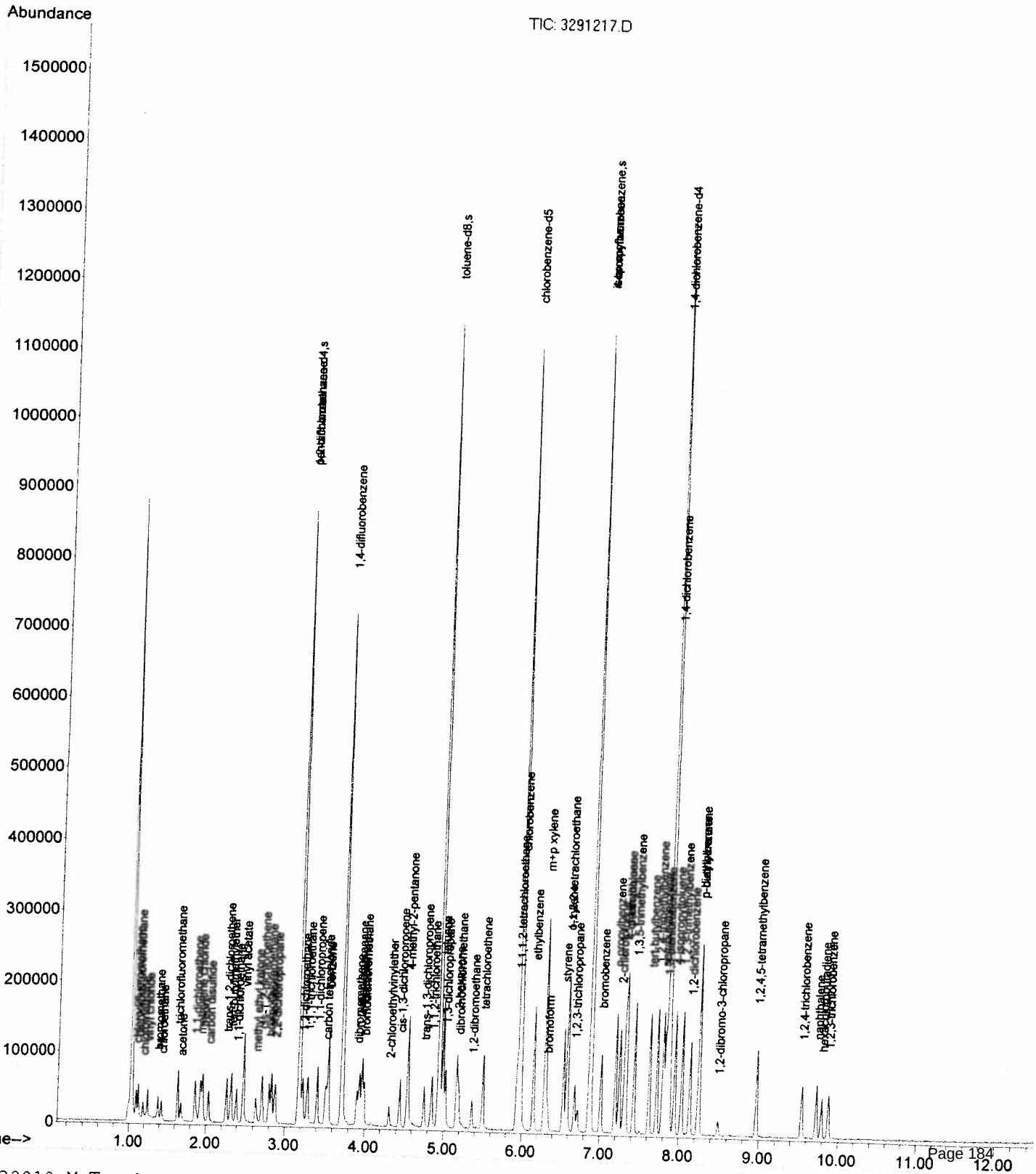
Quant Time: Apr 02 13:33:18 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	1103349	5.02	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	269285	4.84	ug/L	95
58) 1,2,3-trichloropropane	6.68	75	231356m	4.47	ug/L	
59) n-propylbenzene	7.19	91	1136820	4.91	ug/L	96
60) bromobenzene	7.01	156	329885	4.90	ug/L	97
61) p-ethyltoluene	7.32	105	1102485	5.04	ug/L	96
62) 1,3,5-trimethylbenzene	7.43	120	460449	4.90	ug/L	98
63) 2-chlorotoluene	7.24	126	280989	4.92	ug/L	94
64) 4-chlorotoluene	7.31	126	303688	5.03	ug/L	91
65) tert-butylbenzene	7.63	134	193054	4.94	ug/L	96
66) 1,2,4-trimethylbenzene	7.72	105	937785	4.91	ug/L	95
67) sec-butylbenzene	7.79	105	1051037	5.02	ug/L	99
68) 4-isopropyltoluene	7.94	119	955646	5.02	ug/L	98
69) 1,3-dichlorobenzene	7.82	146	580551	5.05	ug/L	98
70) 1,4-dichlorobenzene	7.87	146	602849	4.91	ug/L	96
71) 1,2,3-trimethylbenzene	8.03	105	963382	4.92	ug/L	93
72) n-butylbenzene	8.25	92	422288	5.00	ug/L	97
73) p-diethylbenzene	8.24	119	503548	4.87	ug/L	83
74) 1,2-dichlorobenzene	8.14	146	540555	4.86	ug/L	96
75) 1,2,4,5-tetramethylbenzene	8.97	119	633767	4.89	ug/L	98
76) 1,2-dibromo-3-chloropropan	8.49	157	51367	4.71	ug/L #	85
77) 1,2,4-trichlorobenzene	9.54	180	262814	5.27	ug/L	91
78) hexachlorobutadiene	9.79	225	108034	5.48	ug/L	92
79) naphthalene	9.73	128	601654	4.81	ug/L	97
80) 1,2,3-trichlorobenzene	9.88	180	197693	4.77	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\032912\
Data File : 3291217.D
Acq On : 29 Mar 2012 6:48 pm
Operator :
Sample : water stdnd 5ug/L
Misc : KM032912
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 02 13:33:18 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Fri Mar 30 10:22:48 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291218.D
 Acq On : 29 Mar 2012 7:09 pm
 Operator :
 Sample : water std 10ug/L
 Misc : KM032912
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 02 16:17:36 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2853196	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4696155	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2905712	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3549996	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	338448	51.91	ug/L	0.00
37) toluene-d8	4.93	98	6041488	49.66	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2672633	49.26	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	457348	9.94	ug/L	96
3) chlorodifluoromethane	1.09	67	96708	9.77	ug/L	77
4) chloromethane	1.19	50	317640	10.51	ug/L	96
5) vinyl chloride	1.24	62	387699	9.86	ug/L	95
6) bromomethane	1.38	96	212343	9.97	ug/L	93
7) chloroethane	1.43	64	227056m	9.82	ug/L	
8) trichlorofluoromethane	1.64	101	717474	9.97	ug/L	98
9) freon	1.95	151	322852	9.88	ug/L	100
10) acetone	1.68	58	150711m	45.39	ug/L	
11) 1,1-dichloroethene	1.86	96	293008	9.74	ug/L	97
12) methylene chloride	1.93	84	406255	10.19	ug/L	93
13) carbon disulfide	2.03	76	885188	10.05	ug/L	99
14) tert-butylmethylether	2.32	73	983208	10.18	ug/L	94
15) trans-1,2-dichloroethene	2.26	96	366741	9.99	ug/L	96
16) vinyl acetate	2.47	43	2964123	50.64	ug/L	99
17) 1,1-dichloroethane	2.39	63	634322	10.03	ug/L	99
18) methyl ethyl ketone	2.63	72	243242m	53.35	ug/L	
19) 2,2-dichloropropane	2.88	77	439164	10.14	ug/L	97
20) cis-1,2-dichloroethene	2.71	96	420649	9.98	ug/L	99
21) chloroform	2.83	83	780995	10.00	ug/L	97
22) bromochloromethane	2.80	128	232559	9.61	ug/L	94
23) 1,1,1-trichloroethane	3.28	97	641845	9.88	ug/L	98
25) 1,1-dichloropropene	3.41	75	580840	9.85	ug/L	94
26) carbon tetrachloride	3.51	119	540014	10.15	ug/L	91
28) 1,2-dichloroethane	3.22	62	676856m	9.76	ug/L	
29) benzene	3.54	78	1570523	9.85	ug/L	95
30) trichloroethene	3.96	95	444547	9.88	ug/L	96
31) 1,2-dichloropropane	3.93	63	378428	10.03	ug/L #	93
32) bromodichloromethane	3.99	83	585880	9.76	ug/L	99
33) dibromomethane	3.90	93	263568	9.73	ug/L #	81
34) 2-chloroethylvinylether	4.31	63	210232	10.07	ug/L	96
35) 4-methyl-2-pentanone	4.54	43	1795995	49.43	ug/L	98
36) cis-1,3-dichloropropene	4.44	75	590729	10.00	ug/L	93
38) toluene	4.98	91	1944229	9.85	ug/L	96
39) trans-1,3-dichloropropene	4.75	75	535760	9.84	ug/L	97
40) 1,1,2-trichloroethane	4.84	83	334392m	10.34	ug/L	
43) 2-hexanone	5.16	43	1260396	49.71	ug/L	97
44) 1,3-dichloropropane	5.02	76	742906	9.99	ug/L	97
45) tetrachloroethene	5.50	166	535033	10.00	ug/L	98
46) dibromochloromethane	5.19	129	483737	10.04	ug/L	94
47) 1,2-dibromoethane	5.36	107	480831	10.18	ug/L #	94
48) chlorobenzene	5.98	112	1394094	9.86	ug/L	95
49) 1,1,1,2-tetrachloroethane	5.93	131	458363	9.98	ug/L #	1
50) ethylbenzene	6.15	91	2123637	9.98	ug/L	95
51) m+p xylene	6.30	106	1743007	19.77	ug/L	98
52) o-xylene	6.58	106	908914	10.24	ug/L	100
53) styrene	6.53	104	1379997m	9.88	ug/L	
54) bromoform	6.33	173	312733	9.74	ug/L	94

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291218.D
 Acq On : 29 Mar 2012 7:09 pm
 Operator :
 Sample : water stdn 10ug/L
 Misc : KM032912
 ALS Vial : 18 Sample Multiplier: 1

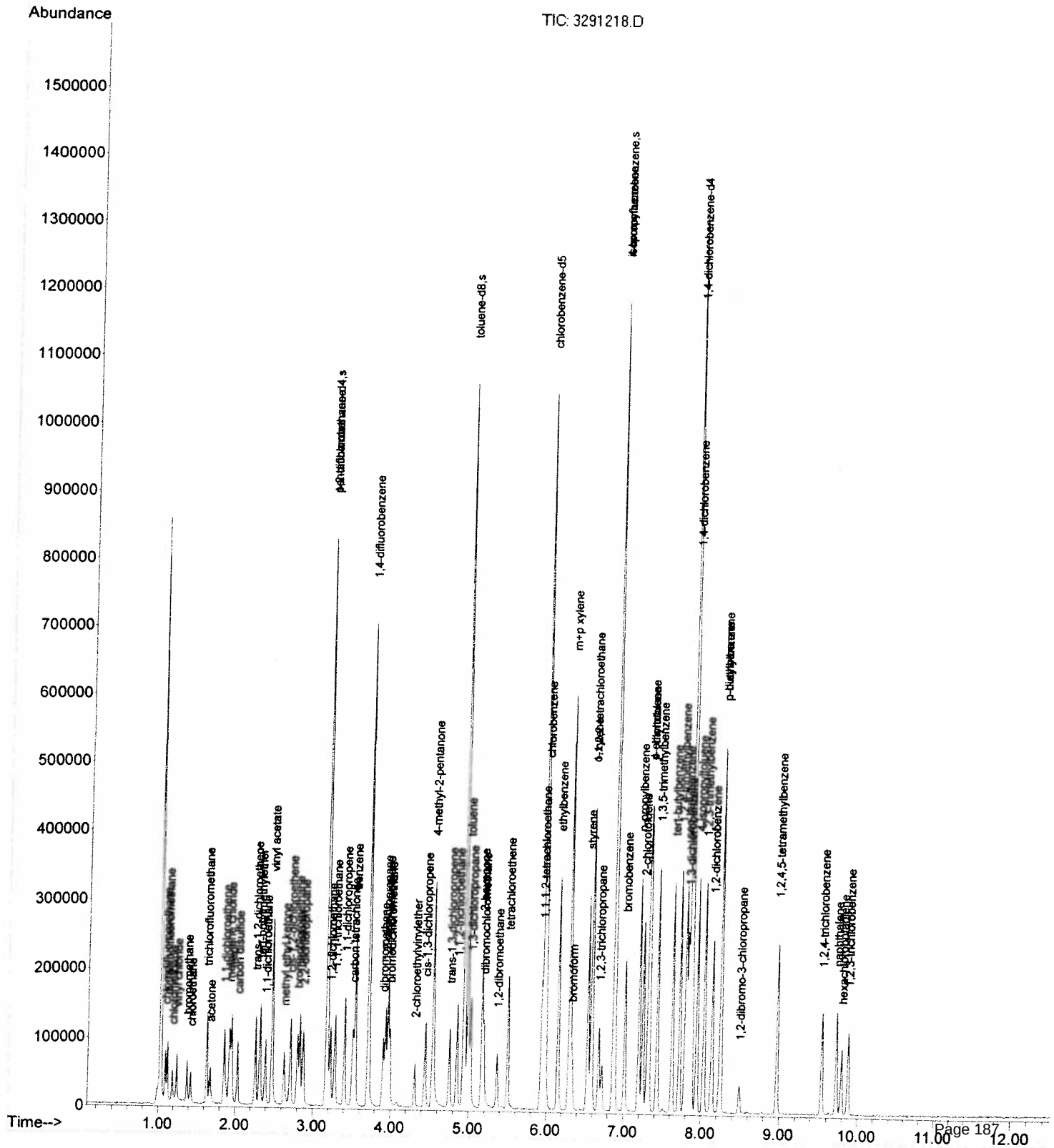
Quant Time: Apr 02 16:17:36 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	2110763	9.80	ug/L	100
57) 1,1,2,2-tetrachloroethane	6.57	83	538274	10.02	ug/L	96
58) 1,2,3-trichloropropane	6.68	75	464083m	9.38	ug/L	
59) n-propylbenzene	7.19	91	2296834	10.01	ug/L	95
60) bromobenzene	7.01	156	642588	9.86	ug/L	98
61) p-ethyltoluene	7.32	105	2156216	9.99	ug/L	98
62) 1,3,5-trimethylbenzene	7.43	120	918762	9.90	ug/L	98
63) 2-chlorotoluene	7.24	126	546918	9.81	ug/L	98
64) 4-chlorotoluene	7.31	126	586388	9.95	ug/L	88
65) tert-butylbenzene	7.62	134	375326	9.76	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	1874279	9.96	ug/L	99
67) sec-butylbenzene	7.79	105	2025711	9.81	ug/L	99
68) 4-isopropyltoluene	7.94	119	1850220	9.88	ug/L	98
69) 1,3-dichlorobenzene	7.82	146	1092284	9.78	ug/L	99
70) 1,4-dichlorobenzene	7.87	146	1183577	10.00	ug/L	99
71) 1,2,3-trimethylbenzene	8.03	105	1925674	10.00	ug/L	96
72) n-butylbenzene	8.25	92	827001	10.01	ug/L	96
73) p-diethylbenzene	8.24	119	1024596	9.96	ug/L	92
74) 1,2-dichlorobenzene	8.14	146	1069485	9.93	ug/L	95
75) 1,2,4,5-tetramethylbenzene	8.97	119	1325914	10.12	ug/L	97
76) 1,2-dibromo-3-chloropropan	8.49	157	111145	10.26	ug/L	91
77) 1,2,4-trichlorobenzene	9.54	180	470637	9.71	ug/L #	93
78) hexachlorobutadiene	9.79	225	187214	9.78	ug/L	90
79) naphthalene	9.73	128	1267636	10.12	ug/L	98
80) 1,2,3-trichlorobenzene	9.88	180	392791	9.84	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : C:\MSDCHEM\2\DATA\032912\
Data File : 3291218.D
Acq On    : 29 Mar 2012    7:09 pm
Operator  :
Sample    : water stdn 10ug/L
Misc      : KM032912
ALS Vial  : 18    Sample Multiplier: 1
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Quant Time: Apr 02 16:17:36 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Fri Mar 30 10:22:48 2012
Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water stdn 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2855737	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4702938	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2917057	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3542468	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	318728m	48.81	ug/L	0.00
37) toluene-d8	4.93	98	6100408	50.07	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2662079	49.00	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	847323	18.87	ug/L	97
3) chlorodifluoromethane	1.09	67	197736	20.02	ug/L	94
4) chloromethane	1.19	50	590957m	19.68	ug/L	
5) vinyl chloride	1.24	62	777459	20.42	ug/L	97
6) bromomethane	1.38	96	426432	19.40	ug/L	99
7) chloroethane	1.43	64	470829	21.13	ug/L	100
8) trichlorofluoromethane	1.64	101	1385591	20.00	ug/L	96
9) freon	1.95	151	652499	20.03	ug/L	97
10) acetone	1.68	58	310453m	101.31	ug/L	
11) 1,1-dichloroethene	1.86	96	581608	19.78	ug/L	98
12) methylene chloride	1.93	84	754006	19.30	ug/L	92
13) carbon disulfide	2.03	76	1799108	19.86	ug/L	99
14) tert-butylmethylether	2.32	73	1939124	19.87	ug/L	98
15) trans-1,2-dichloroethene	2.26	96	727640	19.94	ug/L	98
16) vinyl acetate	2.47	43	6019310	98.80	ug/L	99
17) 1,1-dichloroethane	2.39	63	1266687	19.74	ug/L	99
18) methyl ethyl ketone	2.63	72	440386m	97.02	ug/L	
19) 2,2-dichloropropane	2.88	77	890993	19.76	ug/L	99
20) cis-1,2-dichloroethene	2.71	96	845443	19.61	ug/L	98
21) chloroform	2.83	83	1563810	20.06	ug/L	100
22) bromochloromethane	2.80	128	477323	19.52	ug/L	# 84
23) 1,1,1-trichloroethane	3.28	97	1295761	20.08	ug/L	99
25) 1,1-dichloropropene	3.41	75	1187256	20.06	ug/L	97
26) carbon tetrachloride	3.51	119	1051807	19.91	ug/L	95
28) 1,2-dichloroethane	3.22	62	1342872m	19.53	ug/L	
29) benzene	3.54	78	3164640	19.94	ug/L	97
30) trichloroethene	3.96	95	883655	19.90	ug/L	97
31) 1,2-dichloropropane	3.93	63	739209	19.50	ug/L	93
32) bromodichloromethane	3.99	83	1223624	20.08	ug/L	98
33) dibromomethane	3.90	93	542409	19.93	ug/L	89
34) 2-chloroethylvinylether	4.31	63	431533	20.00	ug/L	95
35) 4-methyl-2-pentanone	4.54	43	3565033	99.84	ug/L	99
36) cis-1,3-dichloropropene	4.44	75	1233015	19.83	ug/L	95
38) toluene	4.98	91	3888380	19.98	ug/L	97
39) trans-1,3-dichloropropene	4.75	75	1158610	19.86	ug/L	99
40) 1,1,2-trichloroethane	4.85	83	615095	18.95	ug/L	98
43) 2-hexanone	5.16	43	2481082	100.12	ug/L	99
44) 1,3-dichloropropane	5.02	76	1482489	20.12	ug/L	96
45) tetrachloroethene	5.50	166	1035452	20.04	ug/L	97
46) dibromochloromethane	5.19	129	1010128	20.37	ug/L	98
47) 1,2-dibromoethane	5.36	107	940387	19.96	ug/L	# 96
48) chlorobenzene	5.98	112	2805086	20.14	ug/L	99
49) 1,1,1,2-tetrachloroethane	5.93	131	929775	19.84	ug/L	# 93
50) ethylbenzene	6.15	91	4301313	20.09	ug/L	96
51) m+p xylene	6.30	106	3543199	40.21	ug/L	98
52) o-xylene	6.58	106	1755316	19.90	ug/L	96
53) styrene	6.53	104	2752936	19.20	ug/L	99
54) bromoform	6.33	173	673324	20.28	ug/L	97

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

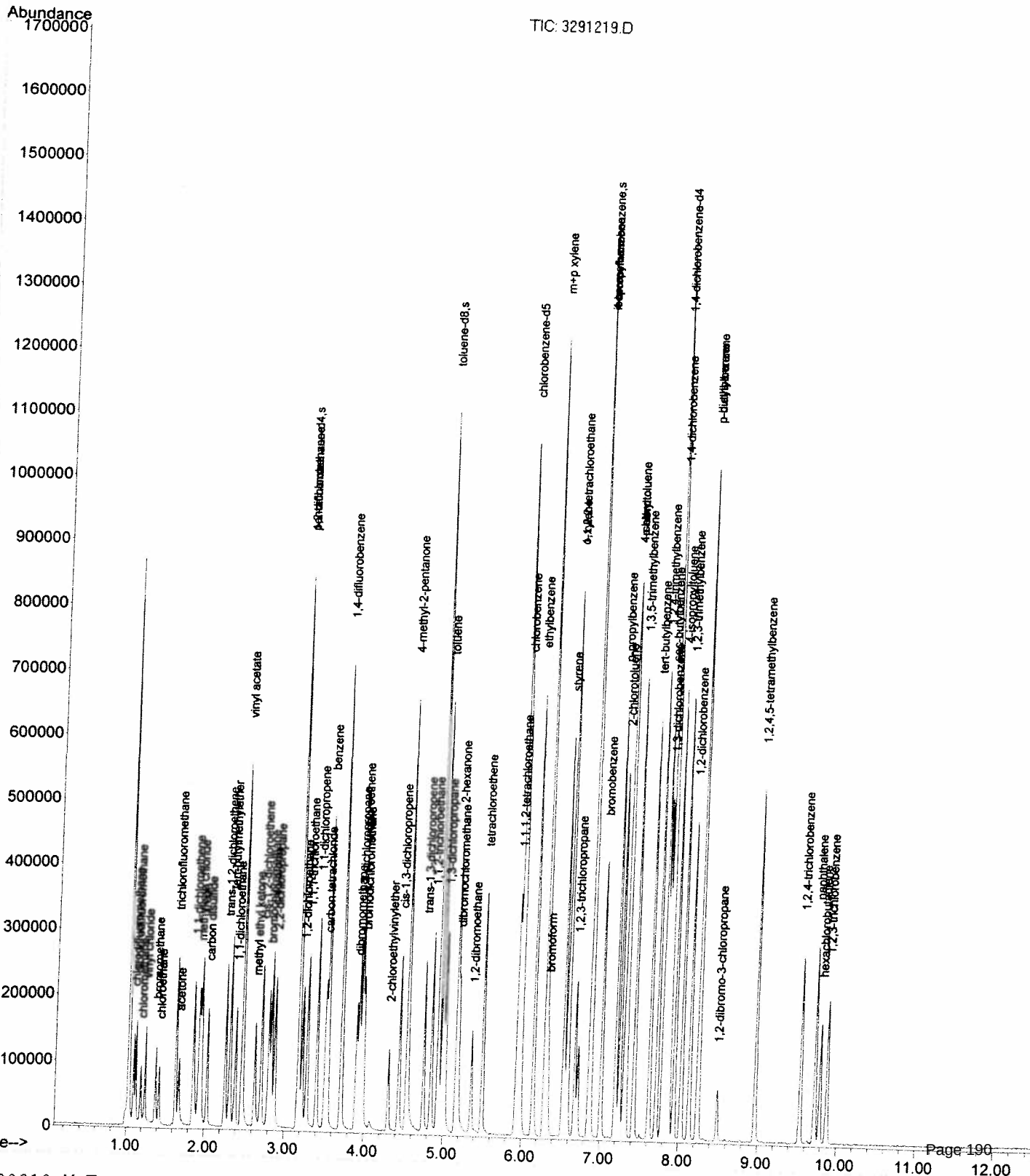
Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4282526	20.07	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	1018066	19.55	ug/L	95
58) 1,2,3-trichloropropane	6.68	75	928605m	19.68	ug/L	
59) n-propylbenzene	7.19	91	4588406	20.03	ug/L	95
60) bromobenzene	7.01	156	1266035	19.78	ug/L	99
61) p-ethyltoluene	7.32	105	4312717	19.97	ug/L	99
62) 1,3,5-trimethylbenzene	7.43	120	1856938	20.03	ug/L	100
63) 2-chlorotoluene	7.24	126	1118304	20.17	ug/L	100
64) 4-chlorotoluene	7.31	126	1150287	19.73	ug/L	85
65) tert-butylbenzene	7.62	134	769338	20.25	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	3803393	20.07	ug/L	97
67) sec-butylbenzene	7.79	105	4083803	19.97	ug/L	99
68) 4-isopropyltoluene	7.94	119	3722071	20.12	ug/L	100
69) 1,3-dichlorobenzene	7.82	146	2176312	19.75	ug/L	98
70) 1,4-dichlorobenzene	7.87	146	2298174	19.74	ug/L	99
71) 1,2,3-trimethylbenzene	8.03	105	3795297	19.80	ug/L	96
72) n-butylbenzene	8.25	92	1619119	19.97	ug/L	94
73) p-diethylbenzene	8.24	119	2086247	20.24	ug/L	90
74) 1,2-dichlorobenzene	8.14	146	2090585	19.68	ug/L	97
75) 1,2,4,5-tetramethylbenzene	8.97	119	2720313	20.06	ug/L	97
76) 1,2-dibromo-3-chloropropan	8.49	157	215639	19.65	ug/L	96
77) 1,2,4-trichlorobenzene	9.54	180	955580	19.89	ug/L	97
78) hexachlorobutadiene	9.79	225	366415	19.51	ug/L	94
79) naphthalene	9.73	128	2554212	19.91	ug/L	98
80) 1,2,3-trichlorobenzene	9.88	180	775237	20.20	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291219.D
 Acq On : 29 Mar 2012 7:34 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 02 16:19:17 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration



Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291220.D
 Acq On : 29 Mar 2012 7:55 pm
 Operator :
 Sample : water stdn 30ug/L
 Misc : KM032912
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 02 16:20:49 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2897639	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4777376	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2999093	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3631487	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.18	102	335066	50.52	ug/L	0.00
37) toluene-d8	4.93	98	6147232	49.67	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2773580	50.25	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	1347704	30.42	ug/L	97
3) chlorodifluoromethane	1.10	67	304337	30.03	ug/L	96
4) chloromethane	1.19	50	813918m	26.67	ug/L	
5) vinyl chloride	1.24	62	1116410	29.75	ug/L	91
6) bromomethane	1.38	96	716749	30.41	ug/L	92
7) chloroethane	1.43	64	648498	29.37	ug/L	94
8) trichlorofluoromethane	1.64	101	2029268	30.00	ug/L	96
9) freon	1.95	151	995910	30.01	ug/L	96
10) acetone	1.68	58	434363m	151.01	ug/L	
11) 1,1-dichloroethene	1.86	96	883463	30.20	ug/L	98
12) methylene chloride	1.93	84	1186496	30.40	ug/L	93
13) carbon disulfide	2.03	76	2846612	30.07	ug/L	98
14) tert-butylmethylether	2.32	73	3009220	30.04	ug/L	98
15) trans-1,2-dichloroethene	2.26	96	1111577	30.02	ug/L	99
16) vinyl acetate	2.47	43	9699121	150.61	ug/L	99
17) 1,1-dichloroethane	2.39	63	1994693	30.15	ug/L	99
18) methyl ethyl ketone	2.63	72	682420m	149.39	ug/L	
19) 2,2-dichloropropane	2.88	77	1441333	30.10	ug/L	99
20) cis-1,2-dichloroethene	2.71	96	1356999	30.04	ug/L	94
21) chloroform	2.83	83	2369889	29.97	ug/L	99
22) bromochloromethane	2.80	128	766574	30.28	ug/L	100
23) 1,1,1-trichloroethane	3.28	97	1945662	29.97	ug/L	# 99
25) 1,1-dichloropropene	3.41	75	1810586	30.01	ug/L	98
26) carbon tetrachloride	3.51	119	1597804	30.01	ug/L	95
28) 1,2-dichloroethane	3.22	62	2020299	29.01	ug/L	96
29) benzene	3.54	78	4838498	30.08	ug/L	97
30) trichloroethene	3.96	95	1342605	30.10	ug/L	95
31) 1,2-dichloropropane	3.93	63	1176012	30.30	ug/L	94
32) bromodichloromethane	3.99	83	1893485	29.98	ug/L	99
33) dibromomethane	3.90	93	817774	29.40	ug/L	88
34) 2-chloroethylvinylether	4.31	63	676829	30.01	ug/L	96
35) 4-methyl-2-pentanone	4.54	43	5285589	149.45	ug/L	99
36) cis-1,3-dichloropropene	4.44	75	1997524	30.10	ug/L	94
38) toluene	4.98	91	5881127	30.05	ug/L	98
39) trans-1,3-dichloropropene	4.75	75	1897854	30.11	ug/L	98
40) 1,1,2-trichloroethane	4.85	83	1021386	30.56	ug/L	94
43) 2-hexanone	5.16	43	3701712	149.82	ug/L	98
44) 1,3-dichloropropane	5.02	76	2247939	29.95	ug/L	97
45) tetrachloroethene	5.50	166	1527120	29.98	ug/L	94
46) dibromochloromethane	5.19	129	1558745	29.80	ug/L	98
47) 1,2-dibromoethane	5.36	107	1446276	30.01	ug/L	# 95
48) chlorobenzene	5.98	112	4230110	29.95	ug/L	98
49) 1,1,1,2-tetrachloroethane	5.93	131	1479765	30.12	ug/L	# 40
50) ethylbenzene	6.15	91	6613860	29.97	ug/L	96
51) m+p xylene	6.30	106	5400221	59.92	ug/L	99
52) o-xylene	6.58	106	2695529	30.03	ug/L	97
53) styrene	6.53	104	4546613m	30.01	ug/L	
54) bromoform	6.33	173	1047170	29.91	ug/L	99

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291220.D
 Acq On : 29 Mar 2012 7:55 pm
 Operator :
 Sample : water stdnd 30ug/L
 Misc : KM032912
 ALS Vial : 20 Sample Multiplier: 1

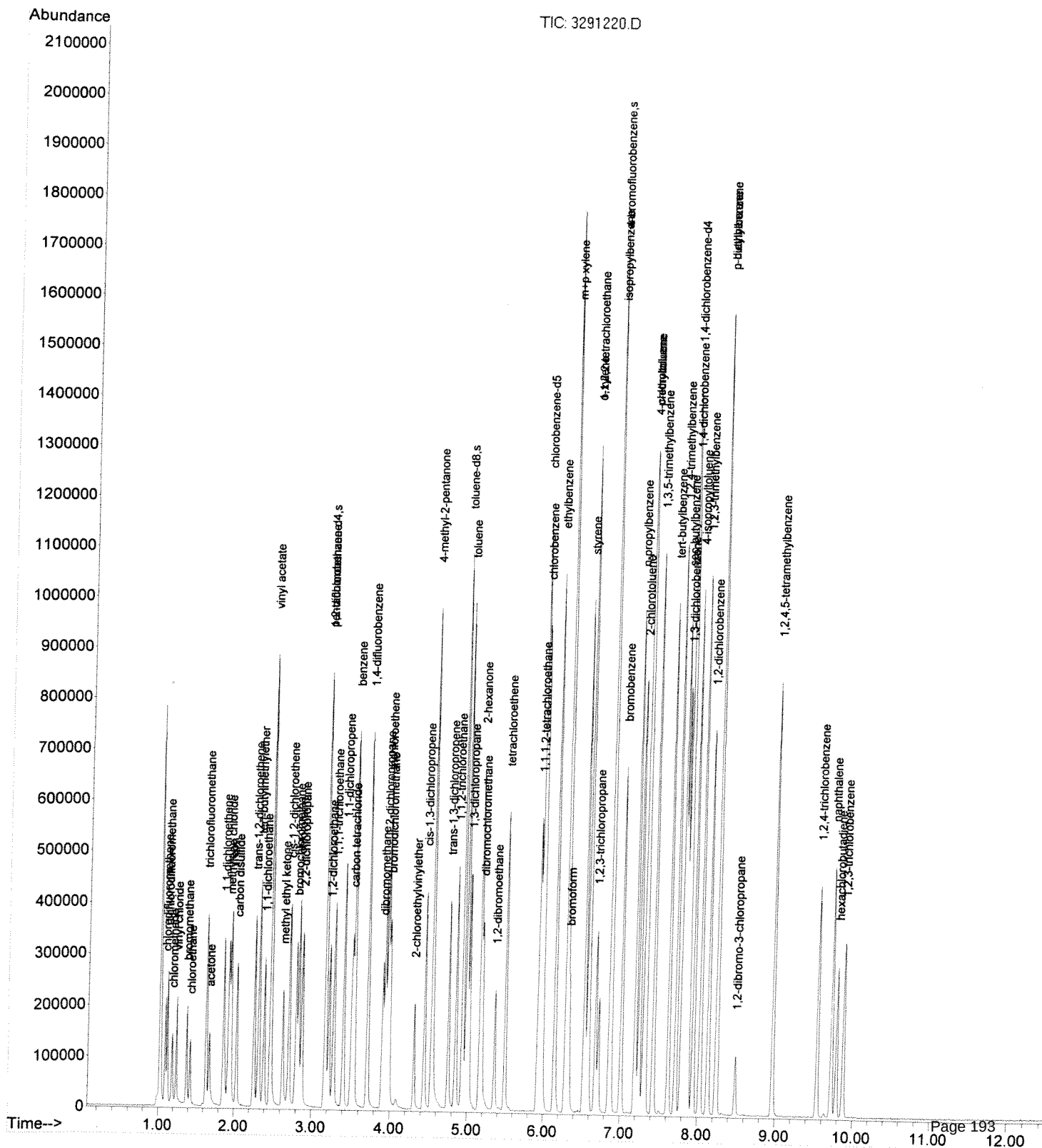
Quant Time: Apr 02 16:20:49 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	6517760	30.01	ug/L	99
57) 1,1,2,2-tetrachloroethane	6.57	83	1565274	30.32	ug/L	95
58) 1,2,3-trichloropropane	6.68	75	1390171	30.07	ug/L	96
59) n-propylbenzene	7.19	91	7028090	29.99	ug/L	94
60) bromobenzene	7.01	156	1953095	30.18	ug/L	99
61) p-ethyltoluene	7.32	105	6663069	30.01	ug/L	97
62) 1,3,5-trimethylbenzene	7.43	120	2855505	30.02	ug/L	97
63) 2-chlorotoluene	7.24	126	1699853	29.95	ug/L	99
64) 4-chlorotoluene	7.31	126	1791618	30.19	ug/L	87
65) tert-butylbenzene	7.62	134	1152492	29.91	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	5878818	29.98	ug/L	98
67) sec-butylbenzene	7.79	105	6239262	30.07	ug/L	100
68) 4-isopropyltoluene	7.94	119	5617624	29.95	ug/L	100
69) 1,3-dichlorobenzene	7.82	146	3384858	30.20	ug/L	99
70) 1,4-dichlorobenzene	7.87	146	3564894	30.18	ug/L	99
71) 1,2,3-trimethylbenzene	8.03	105	5900136	30.14	ug/L	96
72) n-butylbenzene	8.25	92	2450038	30.01	ug/L	92
73) p-diethylbenzene	8.24	119	3159013	29.88	ug/L	90
74) 1,2-dichlorobenzene	8.14	146	3269301	30.24	ug/L	97
75) 1,2,4,5-tetramethylbenzene	8.97	119	4305432	29.95	ug/L	99
76) 1,2-dibromo-3-chloropropan	8.49	157	344941	30.15	ug/L	98
77) 1,2,4-trichlorobenzene	9.54	180	1483079	30.13	ug/L #	94
78) hexachlorobutadiene	9.79	225	575418	30.34	ug/L	93
79) naphthalene	9.72	128	4047581	30.04	ug/L	99
80) 1,2,3-trichlorobenzene	9.88	180	1137270	29.94	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\032912\
Data File : 3291220.D
Acq On : 29 Mar 2012 7:55 pm
Operator :
Sample : water std 30ug/L
Misc : KM032912
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 02 16:20:49 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Continuing Calibrations

Summary Reports

Quant Reports and Chromatograms

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291227.D
 Acq On : 29 Mar 2012 10:27 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 30 11:43:08 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 pentafluorobenzene	50.000	50.000	0.0	103	0.00
2 dichlorodifluoromethane	20.000	19.072	4.6	103	0.00
3 chlorodifluoromethane	20.000	20.714	-3.6	107	0.00
4 chloromethane	20.000	20.037	-0.2	109	0.00
5 vinyl chloride	20.000	19.829	0.9	100	0.00
6 bromomethane	20.000	21.711	-8.6	117	0.00
7 chloroethane	20.000	19.422	2.9	95	0.00
8 trichlorofluoromethane	20.000	20.407	-2.0	105	0.00
9 freon	20.000	20.895	-4.5	107	0.00
10 acetone	100.000	90.713	9.3	93	0.00
11 1,1-dichloroethene	20.000	19.753	1.2	103	0.00
12 methylene chloride	20.000	19.833	0.8	106	0.00
13 carbon disulfide	20.000	19.812	0.9	103	0.00
14 tert-butylmethylether	20.000	19.202	4.0	99	0.00
15 trans-1,2-dichloroethene	20.000	19.965	0.2	103	0.00
16 vinyl acetate	100.000	88.428	11.6	91	0.00
17 1,1-dichloroethane	20.000	19.749	1.3	103	0.00
18 methyl ethyl ketone	100.000	92.769	7.2	97	0.00
19 2,2-dichloropropane	20.000	18.998	5.0	99	0.00
20 cis-1,2-dichloroethene	20.000	20.222	-1.1	105	0.00
21 chloroform	20.000	19.533	2.3	100	0.00
22 bromochloromethane	20.000	20.721	-3.6	110	0.00
23 1,1,1-trichloroethane	20.000	19.774	1.1	101	0.00
24 1,4-difluorobenzene	50.000	50.000	0.0	102	0.00
25 1,1-dichloropropene	20.000	20.162	-0.8	102	0.00
26 carbon tetrachloride	20.000	20.535	-2.7	105	0.00
27 s 1,2-dichloroethane-d4	50.000	52.342	-4.7	109	0.00
28 1,2-dichloroethane	20.000	20.055	-0.3	104	0.00
29 benzene	20.000	19.699	1.5	100	0.00
30 trichloroethene	20.000	20.465	-2.3	105	0.00
31 1,2-dichloropropane	20.000	19.871	0.6	104	0.00
32 bromodichloromethane	20.000	19.251	3.7	97	0.00
33 dibromomethane	20.000	19.601	2.0	100	0.00
34 2-chloroethylvinylether	20.000	19.036	4.8	96	0.00
35 4-methyl-2-pentanone	100.000	92.307	7.7	93	0.00
36 cis-1,3-dichloropropene	20.000	20.339	-1.7	105	0.00
37 s toluene-d8	50.000	49.486	1.0	100	0.00
38 toluene	20.000	20.562	-2.8	105	0.00
39 trans-1,3-dichloropropene	20.000	19.163	4.2	98	0.00
40 1,1,2-trichloroethane	20.000	19.493	2.5	105	0.00
41 s 4-bromofluorobenzene	50.000	52.294	-4.6	109	0.00
42 chlorobenzene-d5	50.000	50.000	0.0	102	0.00
43 2-hexanone	100.000	87.503	12.5	90	0.00
44 1,3-dichloropropane	20.000	19.877	0.6	101	0.00
45 tetrachloroethene	20.000	20.734	-3.7	106	0.00
46 dibromochloromethane	20.000	19.093	4.5	95	0.00
47 1,2-dibromoethane	20.000	19.157	4.2	98	0.00
48 chlorobenzene	20.000	19.856	0.7	101	0.00
49 1,1,1,2-tetrachloroethane	20.000	20.239	-1.2	104	0.00
50 ethylbenzene	20.000	20.448	-2.2	104	0.00
51 m+p xylene	40.000	40.216	-0.5	102	0.00
52 o-xylene	20.000	20.590	-2.9	106	0.00
53 styrene	20.000	19.759	1.2	101	0.00

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291227.D
 Acq On : 29 Mar 2012 10:27 pm
 Operator :
 Sample : water stdnd 20ug/L
 Misc : KM032912
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 30 11:43:08 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54	bromoform	20.000	19.416	2.9	98	0.00
55	1,4-dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
56	isopropylbenzene	20.000	20.775	-3.9	104	0.00
57	1,1,2,2-tetrachloroethane	20.000	18.347	8.3	95	0.00
58	1,2,3-trichloropropane	20.000	19.633	1.8	99	0.00
59	n-propylbenzene	20.000	21.026	-5.1	106	0.00
60	bromobenzene	20.000	20.121	-0.6	102	0.00
61	p-ethyltoluene	20.000	20.601	-3.0	104	0.00
62	1,3,5-trimethylbenzene	20.000	20.664	-3.3	104	0.00
63	2-chlorotoluene	20.000	20.556	-2.8	102	0.00
64	4-chlorotoluene	20.000	20.794	-4.0	106	0.00
65	tert-butylbenzene	20.000	21.980	-9.9	109	0.00
66	1,2,4-trimethylbenzene	20.000	20.983	-4.9	105	0.00
67	sec-butylbenzene	20.000	20.894	-4.5	105	0.00
68	4-isopropyltoluene	20.000	20.609	-3.0	103	0.00
69	1,3-dichlorobenzene	20.000	20.491	-2.5	104	0.00
70	1,4-dichlorobenzene	20.000	20.118	-0.6	102	0.00
71	1,2,3-trimethylbenzene	20.000	20.400	-2.0	104	0.00
72	n-butylbenzene	20.000	20.456	-2.3	103	0.00
73	p-diethylbenzene	20.000	20.707	-3.5	103	0.00
74	1,2-dichlorobenzene	20.000	20.254	-1.3	103	0.00
75	1,2,4,5-tetramethylbenzene	20.000	20.615	-3.1	104	0.00
76	1,2-dibromo-3-chloropropane	20.000	19.538	2.3	100	0.00
77	1,2,4-trichlorobenzene	20.000	20.215	-1.1	102	0.00
78	hexachlorobutadiene	20.000	20.654	-3.3	106	0.00
79	naphthalene	20.000	18.756	6.2	94	0.00
80	1,2,3-trichlorobenzene	20.000	19.475	2.6	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291227.D
 Acq On : 29 Mar 2012 10:27 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 30 11:43:08 2012

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M

Quant Title :

QLast Update : Fri Mar 30 10:22:48 2012

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.18	168	2940315	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4781936	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2979344	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3562585	50.00	ug/L	0.00
System Monitoring Compounds						
27) 1,2-dichloroethane-d4	3.18	102	347501	52.34	ug/L	0.00
37) toluene-d8	4.93	98	6130034	49.49	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2889020	52.29	ug/L	0.00
Target Compounds						
2) dichlorodifluoromethane	1.12	85	881374	19.07	ug/L	Qvalue 98
3) chlorodifluoromethane	1.09	67	210800	20.71	ug/L	99
4) chloromethane	1.19	50	619465	20.04	ug/L	98
5) vinyl chloride	1.24	62	778672	19.83	ug/L	90
6) bromomethane	1.38	96	497307	21.71	ug/L	95
7) chloroethane	1.43	64	447761	19.42	ug/L	95
8) trichlorofluoromethane	1.64	101	1453606	20.41	ug/L	97
9) freon	1.95	151	700836	20.89	ug/L	93
10) acetone	1.68	58	290779m	90.71	ug/L	
11) 1,1-dichloroethene	1.86	96	598064	19.75	ug/L	98
12) methylene chloride	1.93	84	797183	19.83	ug/L	94
13) carbon disulfide	2.03	76	1848150	19.81	ug/L	97
14) tert-butylmethylether	2.32	73	1928042	19.20	ug/L	99
15) trans-1,2-dichloroethene	2.26	96	750071	19.97	ug/L	97
16) vinyl acetate	2.47	43	5500827	88.43	ug/L	100
17) 1,1-dichloroethane	2.39	63	1304573	19.75	ug/L	98
18) methyl ethyl ketone	2.63	72	433833m	92.77	ug/L	
19) 2,2-dichloropropane	2.88	77	878905	19.00	ug/L	97
20) cis-1,2-dichloroethene	2.71	96	899208	20.22	ug/L	95
21) chloroform	2.83	83	1567621	19.53	ug/L	97
22) bromochloromethane	2.80	128	522787	20.72	ug/L	97
23) 1,1,1-trichloroethane	3.28	97	1314031	19.77	ug/L	98
25) 1,1-dichloropropene	3.40	75	1213628	20.16	ug/L	96
26) carbon tetrachloride	3.51	119	1102691	20.54	ug/L	94
28) 1,2-dichloroethane	3.22	62	1401882m	20.05	ug/L	
29) benzene	3.54	78	3179662	19.70	ug/L	97
30) trichloroethene	3.96	95	923448	20.47	ug/L	94
31) 1,2-dichloropropane	3.93	63	765908	19.87	ug/L	96
32) bromodichloromethane	3.99	83	1190913	19.25	ug/L	100
33) dibromomethane	3.90	93	542271	19.60	ug/L #	86
34) 2-chloroethylvinylether	4.31	63	416481	19.04	ug/L	96
35) 4-methyl-2-pentanone	4.54	43	3362984	92.31	ug/L	98
36) cis-1,3-dichloropropene	4.44	75	1289321	20.34	ug/L	94
38) toluene	4.98	91	4066699	20.56	ug/L	96
39) trans-1,3-dichloropropene	4.75	75	1131599	19.16	ug/L	98
40) 1,1,2-trichloroethane	4.84	83	643785m	19.49	ug/L	
43) 2-hexanone	5.16	43	2231005	87.50	ug/L #	99
44) 1,3-dichloropropane	5.02	76	1496493	19.88	ug/L	99
45) tetrachloroethene	5.50	166	1090866	20.73	ug/L	97
46) dibromochloromethane	5.19	129	963974	19.09	ug/L	93
47) 1,2-dibromoethane	5.36	107	922241	19.16	ug/L #	96
48) chlorobenzene	5.98	112	2825280	19.86	ug/L	97
49) 1,1,1,2-tetrachloroethane	5.93	131	969548	20.24	ug/L #	92
50) ethylbenzene	6.15	91	4471425	20.45	ug/L	97
51) m+p xylene	6.30	106	3619126	40.22	ug/L	100
52) o-xylene	6.58	106	1853980	20.59	ug/L	98
53) styrene	6.53	104	2898159m	19.76	ug/L	
54) bromoform	6.33	173	656881	19.42	ug/L	94

Data Path : C:\MSDCHEM\2\DATA\032912\
 Data File : 3291227.D
 Acq On : 29 Mar 2012 10:27 pm
 Operator :
 Sample : water std 20ug/L
 Misc : KM032912
 ALS Vial : 27 Sample Multiplier: 1

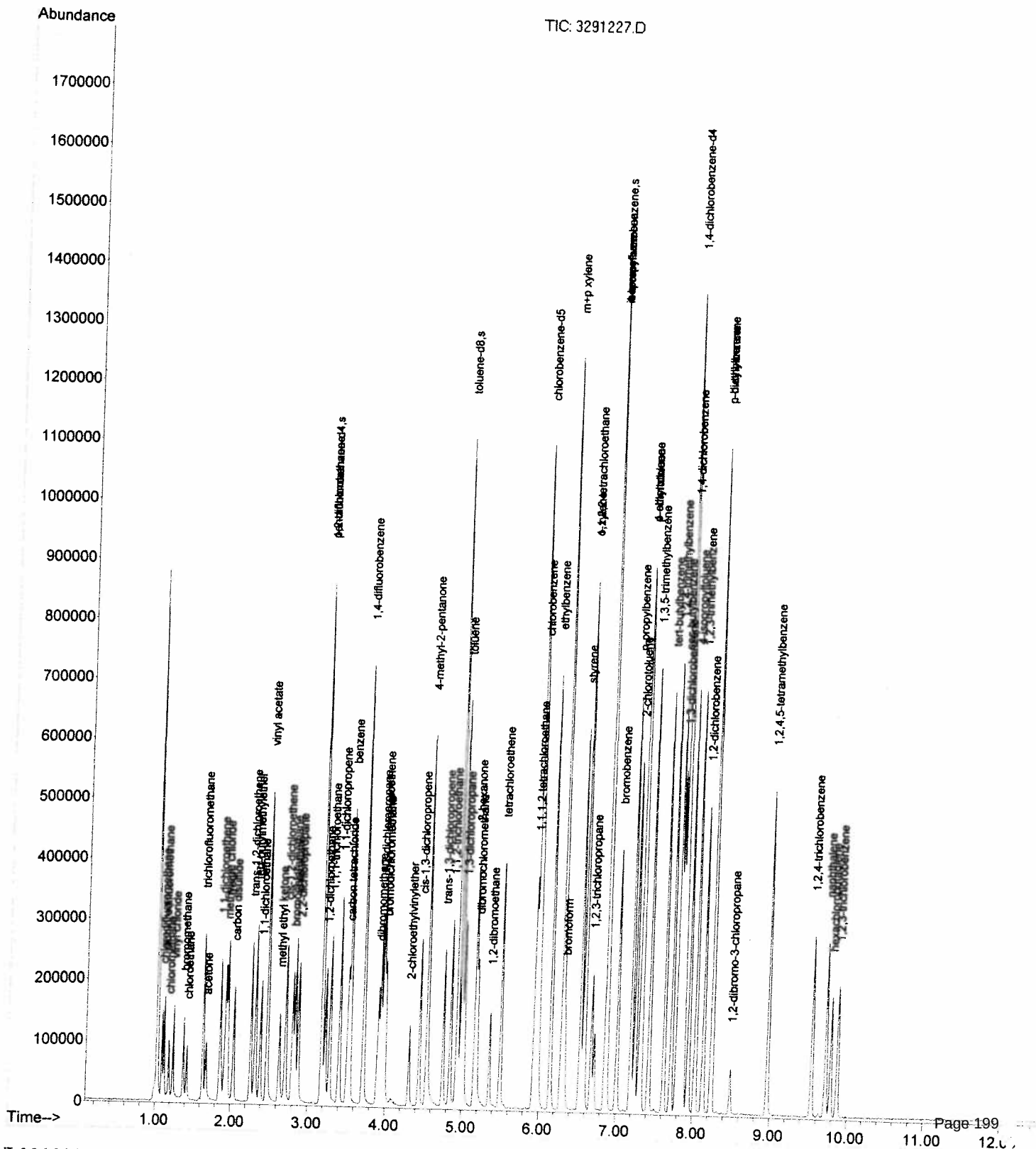
Quant Time: Mar 30 11:43:08 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Fri Mar 30 10:22:48 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4454918	20.77	ug/L	98
57) 1,1,2,2-tetrachloroethane	6.57	83	964429	18.35	ug/L	93
58) 1,2,3-trichloropropane	6.68	75	931778	19.63	ug/L #	95
59) n-propylbenzene	7.19	91	4843464	21.03	ug/L	94
60) bromobenzene	7.01	156	1294388	20.12	ug/L	99
61) p-ethyltoluene	7.32	105	4475747	20.60	ug/L	97
62) 1,3,5-trimethylbenzene	7.43	120	1926897	20.66	ug/L	99
63) 2-chlorotoluene	7.24	126	1146056	20.56	ug/L	99
64) 4-chlorotoluene	7.31	126	1218311	20.79	ug/L	89
65) tert-butylbenzene	7.62	134	838360	21.98	ug/L	95
66) 1,2,4-trimethylbenzene	7.72	105	4002500	20.98	ug/L	97
67) sec-butylbenzene	7.79	105	4292752	20.89	ug/L	99
68) 4-isopropyltoluene	7.94	119	3832105	20.61	ug/L	99
69) 1,3-dichlorobenzene	7.82	146	2269421	20.49	ug/L	99
70) 1,4-dichlorobenzene	7.87	146	2354402	20.12	ug/L	99
71) 1,2,3-trimethylbenzene	8.03	105	3931082	20.40	ug/L	94
72) n-butylbenzene	8.25	92	1666614	20.46	ug/L	92
73) p-diethylbenzene	8.24	119	2147046	20.71	ug/L	88
74) 1,2-dichlorobenzene	8.14	146	2162649	20.25	ug/L	96
75) 1,2,4,5-tetramethylbenzene	8.97	119	2817474	20.61	ug/L	100
76) 1,2-dibromo-3-chloropropan	8.49	157	215612	19.54	ug/L	93
77) 1,2,4-trichlorobenzene	9.54	180	976800	20.22	ug/L	96
78) hexachlorobutadiene	9.79	225	389514	20.65	ug/L	96
79) naphthalene	9.73	128	2412637	18.76	ug/L	98
80) 1,2,3-trichlorobenzene	9.88	180	753482	19.47	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\032912\
Data File : 3291227.D
Acq On : 29 Mar 2012 10:27 pm
Operator :
Sample : water std 20ug/L
Misc : KM032912
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 30 11:43:08 2012
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :
QLast Update : Fri Mar 30 10:22:48 2012
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061202.D
 Acq On : 6 Apr 2012 9:06 am
 Operator :
 Sample : water stdn 20ug/L
 Misc : KM040512
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 09:27:39 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	pentafluorobenzene	50.000	50.000	0.0	93	0.00
2	dichlorodifluoromethane	20.000	18.677	6.6	91	0.00
3	chlorodifluoromethane	20.000	21.603	-8.0	100	0.00
4	chloromethane	20.000	21.156	-5.8	104	0.00
5	vinyl chloride	20.000	21.067	-5.3	95	0.00
6	bromomethane	20.000	21.089	-5.4	102	0.00
7	chloroethane	20.000	21.578	-7.9	95	0.00
8	trichlorofluoromethane	20.000	22.680	-13.4	104	0.00
9	freon	20.000	23.595	-18.0	109	0.00
10	acetone	100.000	100.716	-0.7	92	0.00
11	1,1-dichloroethene	20.000	23.387	-16.9	109	0.00
12	methylene chloride	20.000	21.962	-9.8	105	0.00
13	carbon disulfide	20.000	22.962	-14.8	108	0.00
14	tert-butylmethylether	20.000	20.971	-4.9	98	0.00
15	trans-1,2-dichloroethene	20.000	22.467	-12.3	105	0.00
16	vinyl acetate	100.000	115.875	-15.9	110	0.00
17	1,1-dichloroethane	20.000	22.316	-11.6	105	0.00
18	methyl ethyl ketone	100.000	99.368	0.6	94	0.00
19	2,2-dichloropropane	20.000	22.770	-13.8	108	0.00
20	cis-1,2-dichloroethene	20.000	22.193	-11.0	104	0.00
21	chloroform	20.000	22.455	-12.3	104	0.00
22	bromochloromethane	20.000	21.643	-8.2	103	0.00
23	1,1,1-trichloroethane	20.000	22.350	-11.8	103	0.00
24	1,4-difluorobenzene	50.000	50.000	0.0	94	0.00
25	1,1-dichloropropene	20.000	22.432	-12.2	106	0.00
26	carbon tetrachloride	20.000	22.661	-13.3	107	0.00
27 s	1,2-dichloroethane-d4	50.000	49.044	1.9	95	0.00
28	1,2-dichloroethane	20.000	21.840	-9.2	105	0.00
29	benzene	20.000	21.842	-9.2	103	0.00
30	trichloroethene	20.000	22.514	-12.6	106	0.00
31	1,2-dichloropropane	20.000	21.638	-8.2	105	0.00
32	bromodichloromethane	20.000	21.449	-7.2	101	0.00
33	dibromomethane	20.000	21.278	-6.4	101	0.00
34	2-chloroethylvinylether	20.000	23.677	-18.4	113	0.00
35	4-methyl-2-pentanone	100.000	100.457	-0.5	93	0.00
36	cis-1,3-dichloropropene	20.000	21.657	-8.3	104	0.00
37 s	toluene-d8	50.000	51.185	-2.4	96	0.00
38	toluene	20.000	21.810	-9.0	103	0.00
39	trans-1,3-dichloropropene	20.000	21.035	-5.2	101	0.00
40	1,1,2-trichloroethane	20.000	21.325	-6.6	106	0.00
41 s	4-bromofluorobenzene	50.000	56.892	-13.8	110	0.00
42	chlorobenzene-d5	50.000	50.000	0.0	100	0.00
43	2-hexanone	100.000	93.695	6.3	94	0.00
44	1,3-dichloropropane	20.000	20.596	-3.0	102	0.00
45	tetrachloroethene	20.000	21.256	-6.3	106	0.00
46	dibromochloromethane	20.000	20.670	-3.4	101	0.00
47	1,2-dibromoethane	20.000	19.770	1.2	99	0.00
48	chlorobenzene	20.000	20.777	-3.9	103	0.00
49	1,1,1,2-tetrachloroethane	20.000	20.545	-2.7	104	0.00
50	ethylbenzene	20.000	20.823	-4.1	103	0.00
51	m+p xylene	40.000	42.656	-6.6	106	0.00
52	o-xylene	20.000	21.344	-6.7	107	0.00
53	styrene	20.000	20.902	-4.5	105	0.00

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061202.D
 Acq On : 6 Apr 2012 9:06 am
 Operator :
 Sample : water std 20ug/L
 Misc : KM040512
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 09:27:39 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54	bromoform	20.000	19.481	2.6	96	0.00
55	1,4-dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
56	isopropylbenzene	20.000	21.219	-6.1	107	0.00
57	1,1,2,2-tetrachloroethane	20.000	19.822	0.9	103	0.00
58	1,2,3-trichloropropane	20.000	20.005	-0.0	102	0.00
59	n-propylbenzene	20.000	21.174	-5.9	107	0.00
60	bromobenzene	20.000	19.444	2.8	100	0.00
61	p-ethyltoluene	20.000	20.909	-4.5	106	0.00
62	1,3,5-trimethylbenzene	20.000	20.982	-4.9	106	0.00
63	2-chlorotoluene	20.000	20.739	-3.7	104	0.00
64	4-chlorotoluene	20.000	20.842	-4.2	107	0.00
65	tert-butylbenzene	20.000	21.649	-8.2	109	0.00
66	1,2,4-trimethylbenzene	20.000	20.959	-4.8	106	0.00
67	sec-butylbenzene	20.000	21.548	-7.7	109	0.00
68	4-isopropyltoluene	20.000	21.337	-6.7	108	0.00
69	1,3-dichlorobenzene	20.000	20.302	-1.5	104	0.00
70	1,4-dichlorobenzene	20.000	19.997	0.0	103	0.00
71	1,2,3-trimethylbenzene	20.000	20.443	-2.2	105	0.00
72	n-butylbenzene	20.000	22.602	-13.0	115	0.00
73	p-diethylbenzene	20.000	21.327	-6.6	107	0.00
74	1,2-dichlorobenzene	20.000	20.039	-0.2	103	0.00
75	1,2,4,5-tetramethylbenzene	20.000	21.021	-5.1	107	0.00
76	1,2-dibromo-3-chloropropane	20.000	19.582	2.1	101	0.00
77	1,2,4-trichlorobenzene	20.000	21.162	-5.8	108	0.00
78	hexachlorobutadiene	20.000	23.250	-16.3	120	0.00
79	naphthalene	20.000	19.572	2.1	100	0.00
80	1,2,3-trichlorobenzene	20.000	20.598	-3.0	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061202.D
 Acq On : 6 Apr 2012 9:06 am
 Operator :
 Sample : water std 20ug/L
 Misc : KM040512
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 09:27:39 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.17	168	2652110	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.71	114	4436441	50.00	ug/L	0.00
42) chlorobenzene-d5	5.96	82	2912238	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	7.85	152	3600629	50.00	ug/L	0.00

System Monitoring Compounds

27) 1,2-dichloroethane-d4	3.17	102	302085m	49.04	ug/L	0.00
37) toluene-d8	4.93	98	5882364	51.18	ug/L	0.00
41) 4-bromofluorobenzene	6.87	174	2915952	56.89	ug/L	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) dichlorodifluoromethane	1.12	85	779287	18.68	ug/L	98
3) chlorodifluoromethane	1.10	67	198453	21.60	ug/L	93
4) chloromethane	1.19	50	590014	21.16	ug/L	97
5) vinyl chloride	1.24	62	743363	21.07	ug/L	92
6) bromomethane	1.38	96	434733	21.09	ug/L	91
7) chloroethane	1.43	64	445865	21.58	ug/L	97
8) trichlorofluoromethane	1.64	101	1444516	22.68	ug/L	99
9) freon	1.95	151	714458	23.60	ug/L	98
10) acetone	1.68	58	286876m	100.72	ug/L	
11) 1,1-dichloroethene	1.86	96	634157	23.39	ug/L	95
12) methylene chloride	1.92	84	793598	21.96	ug/L	92
13) carbon disulfide	2.03	76	1949545	22.96	ug/L	99
14) tert-butylmethylether	2.32	73	1902944	20.97	ug/L	97
15) trans-1,2-dichloroethene	2.26	96	761142	22.47	ug/L	99
16) vinyl acetate	2.47	43	6646396	115.88	ug/L	99
17) 1,1-dichloroethane	2.39	63	1334934	22.32	ug/L	99
18) methyl ethyl ketone	2.63	72	418743m	99.37	ug/L	
19) 2,2-dichloropropane	2.87	77	965984	22.77	ug/L	98
20) cis-1,2-dichloroethene	2.71	96	895341	22.19	ug/L	96
21) chloroform	2.83	83	1625145	22.46	ug/L	99
22) bromochloromethane	2.80	128	493331	21.64	ug/L	# 76
23) 1,1,1-trichloroethane	3.28	97	1336699	22.35	ug/L	# 97
25) 1,1-dichloropropene	3.40	75	1253592	22.43	ug/L	98
26) carbon tetrachloride	3.51	119	1126976	22.66	ug/L	93
28) 1,2-dichloroethane	3.22	62	1415343m	21.84	ug/L	
29) benzene	3.54	78	3268767	21.84	ug/L	99
30) trichloroethene	3.96	95	940314	22.51	ug/L	90
31) 1,2-dichloropropane	3.93	63	774686	21.64	ug/L	96
32) bromodichloromethane	3.99	83	1236189	21.45	ug/L	100
33) dibromomethane	3.90	93	546674	21.28	ug/L	86
34) 2-chloroethylvinylether	4.31	63	487164	23.68	ug/L	97
35) 4-methyl-2-pentanone	4.54	43	3382660	100.46	ug/L	98
36) cis-1,3-dichloropropene	4.44	75	1281933	21.66	ug/L	94
38) toluene	4.98	91	3996255	21.81	ug/L	100
39) trans-1,3-dichloropropene	4.75	75	1166029	21.04	ug/L	99
40) 1,1,2-trichloroethane	4.84	83	654575	21.32	ug/L	94
43) 2-hexanone	5.16	43	2326741	93.70	ug/L	98
44) 1,3-dichloropropane	5.02	76	1514555	20.60	ug/L	96
45) tetrachloroethene	5.49	166	1090830	21.26	ug/L	98
46) dibromochloromethane	5.18	129	1024366	20.67	ug/L	97
47) 1,2-dibromoethane	5.36	107	930015	19.77	ug/L	# 97
48) chlorobenzene	5.98	112	2885757	20.78	ug/L	99
49) 1,1,1,2-tetrachloroethane	5.93	131	962579	20.54	ug/L	# 90
50) ethylbenzene	6.14	91	4451474	20.82	ug/L	96
51) m+p xylene	6.29	106	3749912	42.66	ug/L	97
52) o-xylene	6.58	106	1877141	21.34	ug/L	100
53) styrene	6.53	104	3005246m	20.90	ug/L	
54) bromoform	6.33	173	644364	19.48	ug/L	93

Data Path : C:\MSDCHEM\2\DATA\040612\
 Data File : 4061202.D
 Acq On : 6 Apr 2012 9:06 am
 Operator :
 Sample : water std 20ug/L
 Misc : KM040512
 ALS Vial : 2 Sample Multiplier: 1

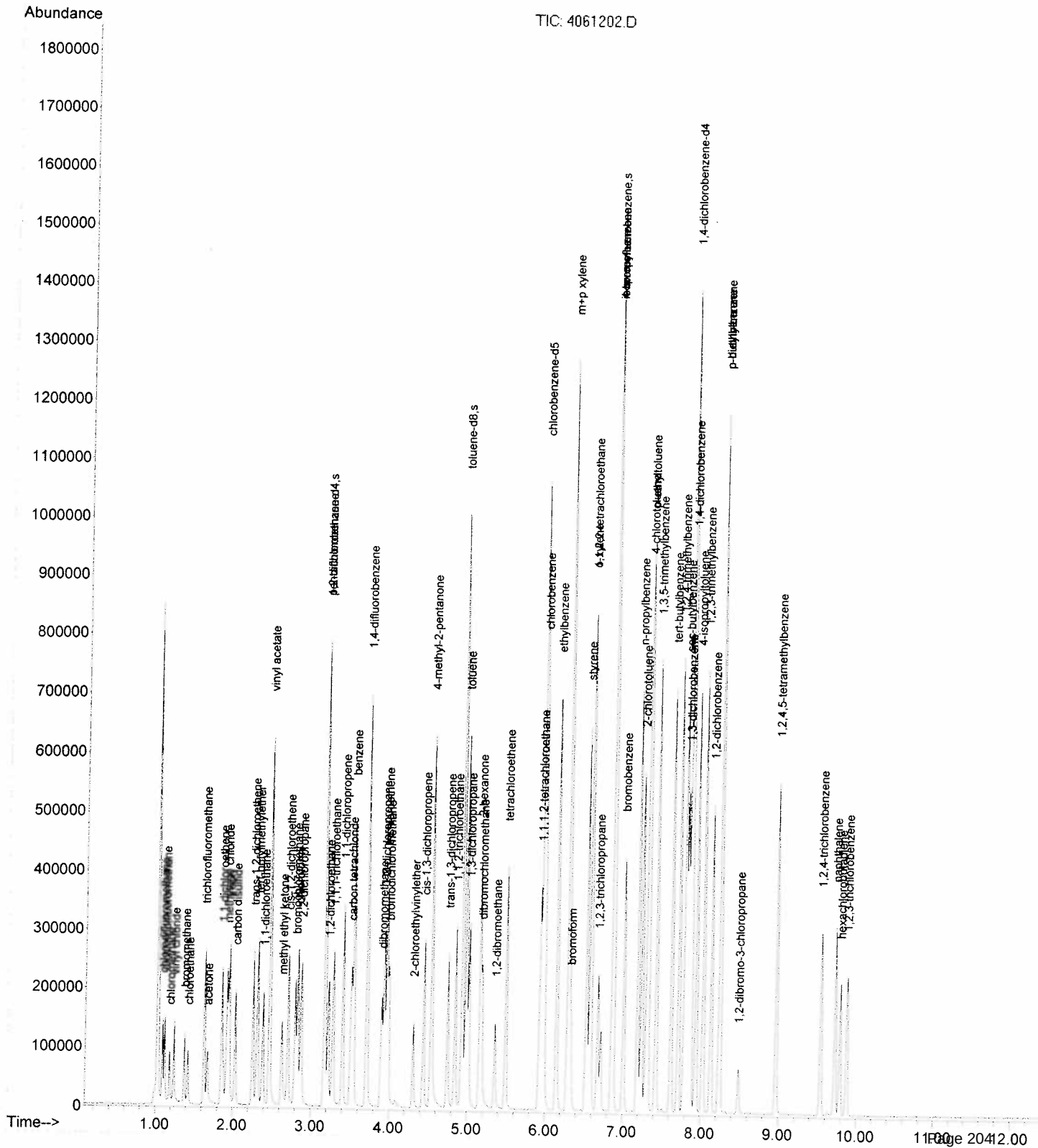
Quant Time: Apr 06 09:27:39 2012
 Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
 Quant Title :
 QLast Update : Mon Apr 02 13:24:12 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) isopropylbenzene	6.86	105	4597446	21.22	ug/L	100
57) 1,1,2,2-tetrachloroethane	6.57	83	1048327	19.82	ug/L	93
58) 1,2,3-trichloropropane	6.68	75	958021	20.00	ug/L #	97
59) n-propylbenzene	7.19	91	4929574	21.17	ug/L	95
60) bromobenzene	7.01	156	1265344	19.44	ug/L	96
61) p-ethyltoluene	7.32	105	4591711	20.91	ug/L	98
62) 1,3,5-trimethylbenzene	7.43	120	1977489	20.98	ug/L	99
63) 2-chlorotoluene	7.24	126	1168542	20.74	ug/L	98
64) 4-chlorotoluene	7.30	126	1234101	20.84	ug/L	91
65) tert-butylbenzene	7.62	134	834864	21.65	ug/L	99
66) 1,2,4-trimethylbenzene	7.72	105	4040443	20.96	ug/L	97
67) sec-butylbenzene	7.79	105	4471574	21.55	ug/L	99
68) 4-isopropyltoluene	7.94	119	4006516	21.34	ug/L	100
69) 1,3-dichlorobenzene	7.82	146	2272837	20.30	ug/L	98
70) 1,4-dichlorobenzene	7.87	146	2365583	20.00	ug/L	98
71) 1,2,3-trimethylbenzene	8.03	105	3981504	20.44	ug/L	94
72) n-butylbenzene	8.25	92	1854052	22.60	ug/L	98
73) p-diethylbenzene	8.24	119	2235104	21.33	ug/L	90
74) 1,2-dichlorobenzene	8.13	146	2162960	20.04	ug/L	96
75) 1,2,4,5-tetramethylbenzene	8.97	119	2907733	21.02	ug/L	100
76) 1,2-dibromo-3-chloropropan	8.49	157	218414	19.58	ug/L	98
77) 1,2,4-trichlorobenzene	9.54	180	1033302	21.16	ug/L	96
78) hexachlorobutadiene	9.79	225	441519	23.25	ug/L	95
79) naphthalene	9.72	128	2549687	19.57	ug/L	99
80) 1,2,3-trichlorobenzene	9.88	180	802252	20.60	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061202.D
Acq On : 6 Apr 2012 9:06 am
Operator :
Sample : water std 20ug/L
Misc : KM040512
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 09:27:39 2012
Quant Method : C:\MSDCHEM\2\METHODS\VLW032912.M
Quant Title :
QLast Update : Mon Apr 02 13:24:12 2012
Response via : Initial Calibration



Tentatively Identified Compounds

Summary Reports

Spectra

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.01

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) Water Lab Sample ID: Field Blank
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061214.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: _____ Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TICs found.			
2.				
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4.				
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.02

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 121221.02

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061209.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: _____ Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: _____
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TICs found.			
2.				
3.				
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.05

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) Water Lab Sample ID: 121221.05
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061215.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: _____ Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7 Concentration Units: _____
 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Hydrocarbon	4.75	3	J
2. 496-11-7	Indane	8.14	5	J
3. 135-01-3	Benzene, 1,2-diethyl-	8.16	3	J
4. 824-90-8	1-Phenyl-1-butene	8.58	4	J
5. 768-49-0	Benzene, (2-methyl-1-propenyl)-	8.62	5	J
6. 767-99-7	Benzene, (1-methyl-1-propenyl)-...	9.16	3	J
7. 824-90-8	1-Phenyl-1-butene	9.27	3	J
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FORM I VOA-TIC

3/90

Library Search Compound Report

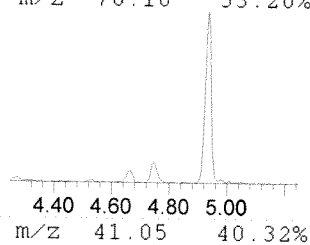
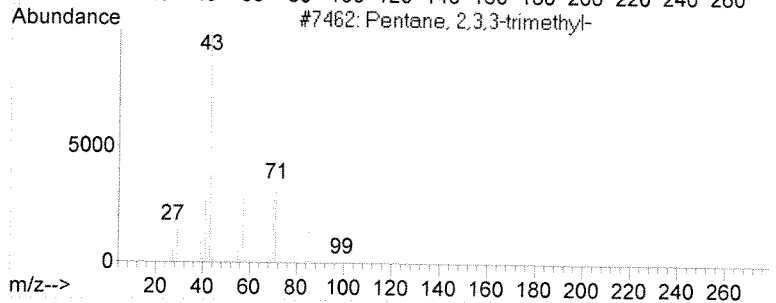
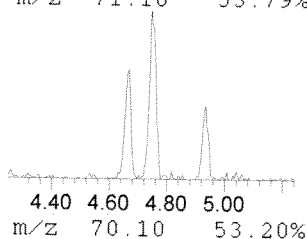
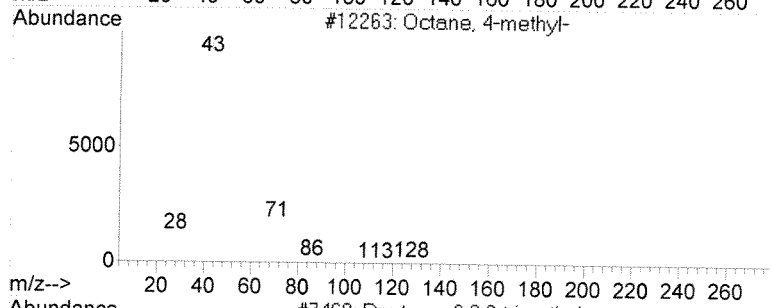
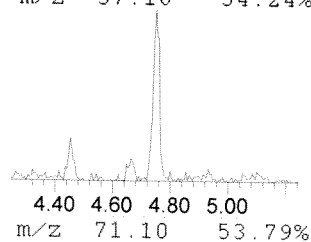
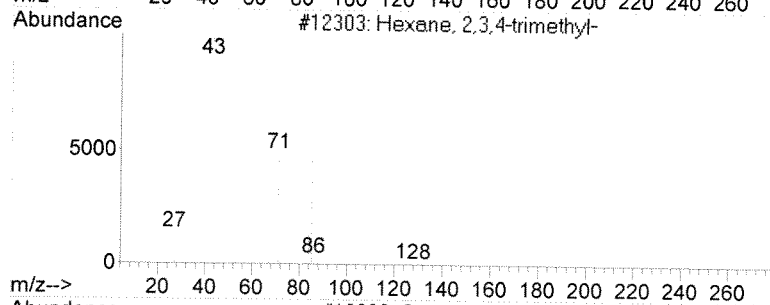
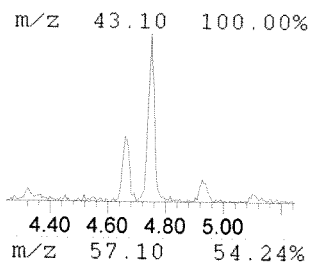
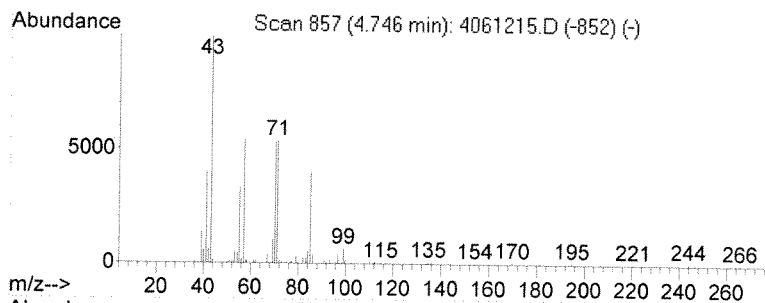
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Operator :
Sample : 121221.05 5ml
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 3 Hexane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.75	2.52 ug/L	502444	1,4-difluorobenzene	3.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
5	Hexadecane	226	C16H34	000544-76-3	50



Library Search Compound Report

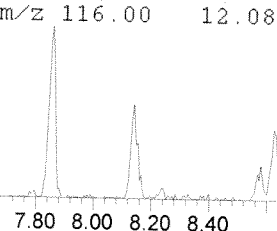
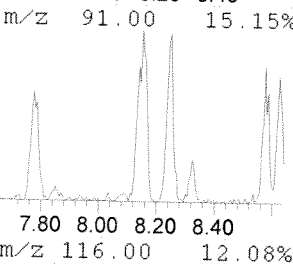
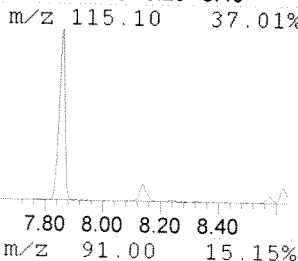
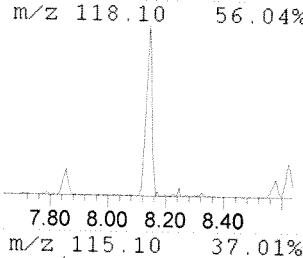
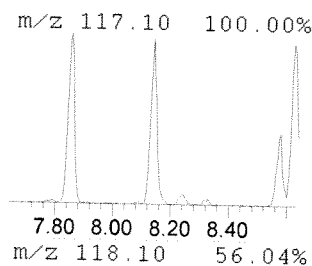
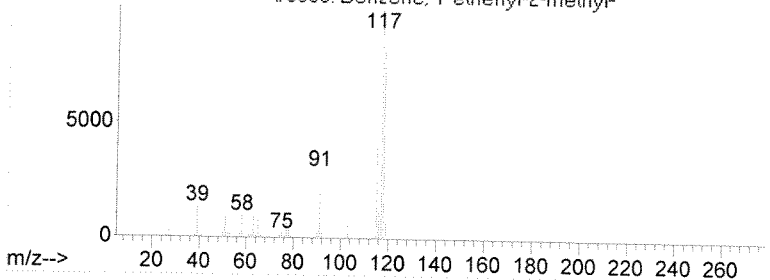
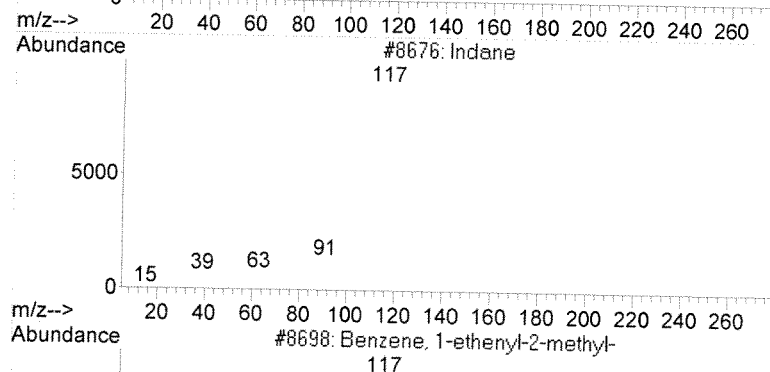
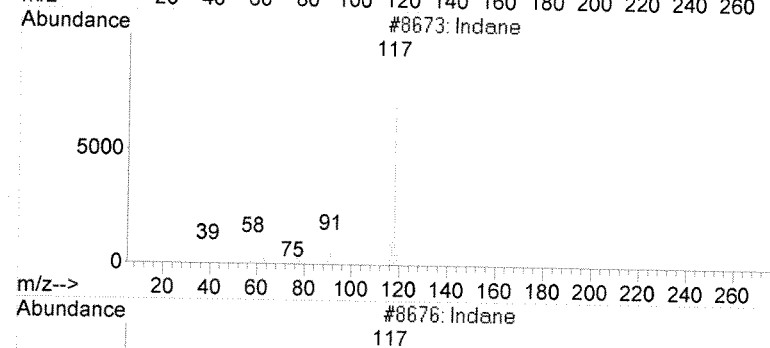
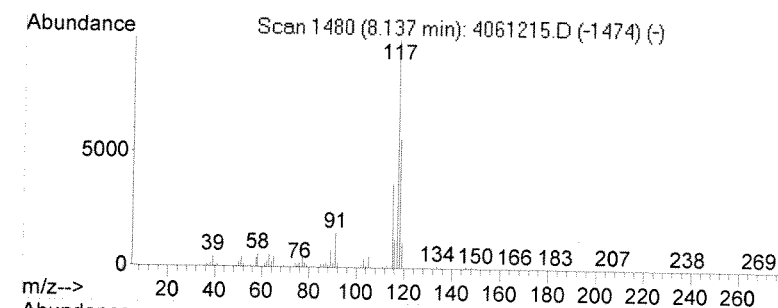
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Operator :
Sample : 121221.05 5ml
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.14	4.65 ug/L	1749720	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68



Library Search Compound Report

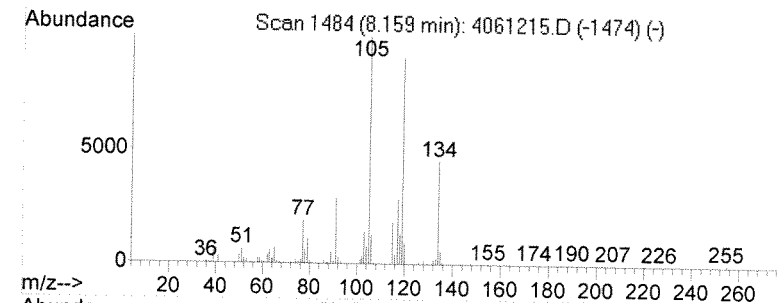
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Operator :
Sample : 121221.05 5ml
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

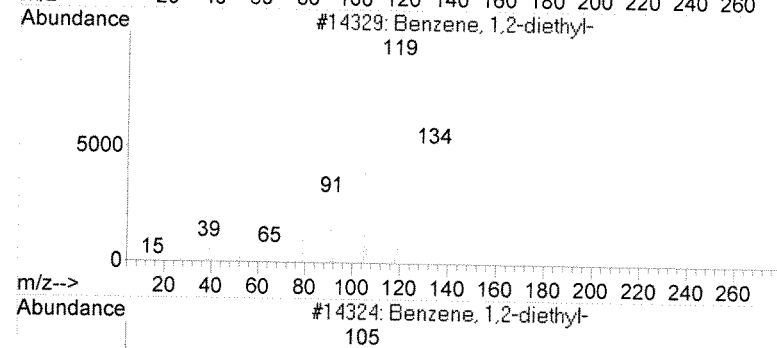
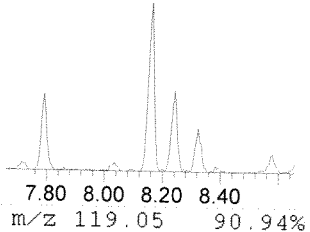
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TIC Integration Parameters: LSCINT.e

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

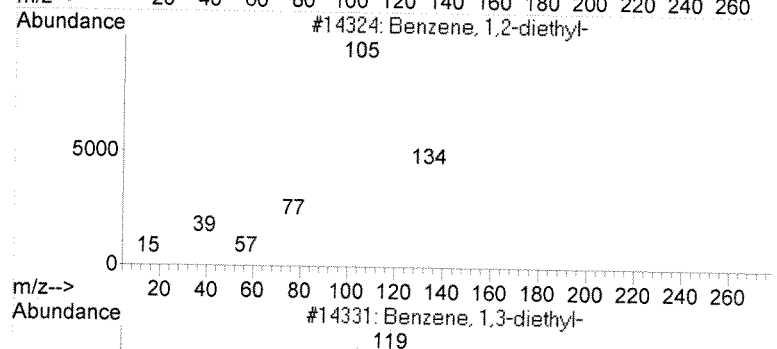
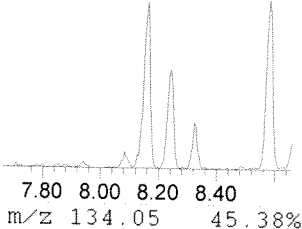
R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.16	2.52 ug/L	949287	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87



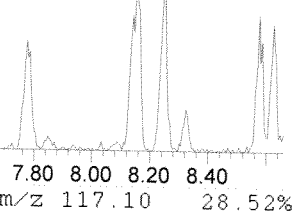
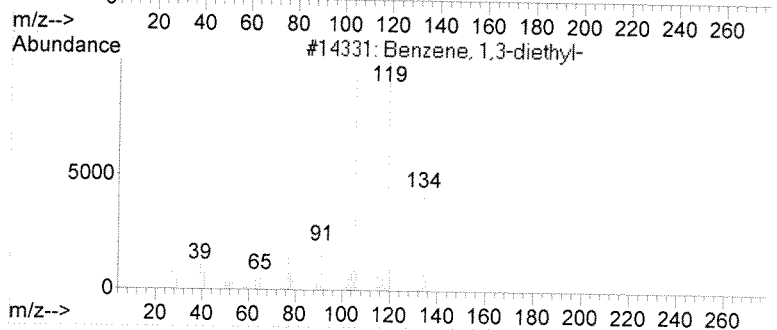
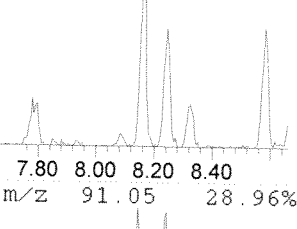
m/z 105.00 100.00%



m/z 134.05 45.38%



m/z 117.10 28.52%



Library Search Compound Report

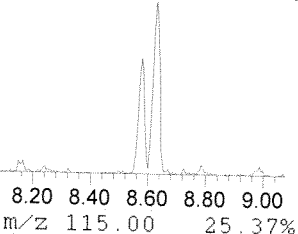
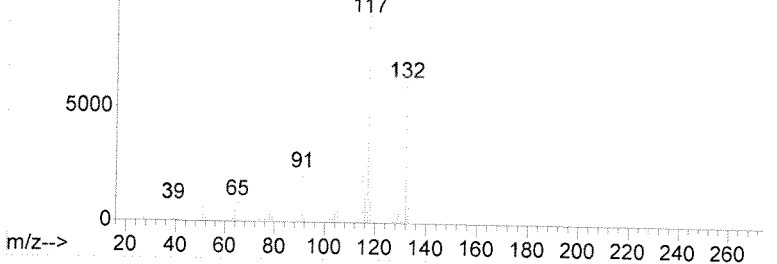
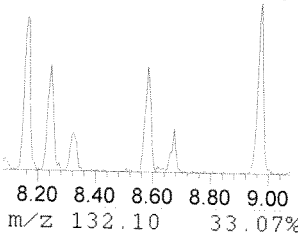
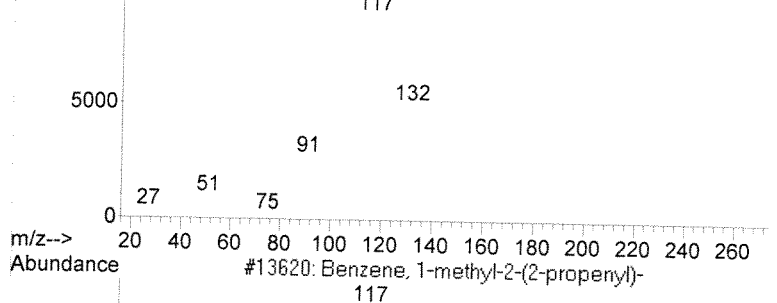
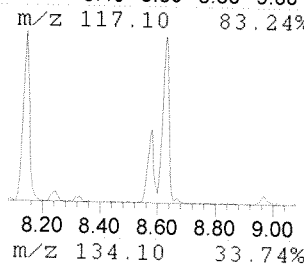
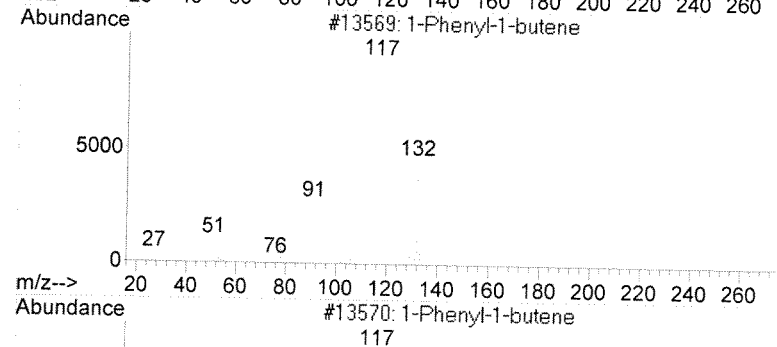
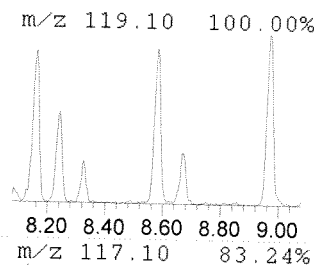
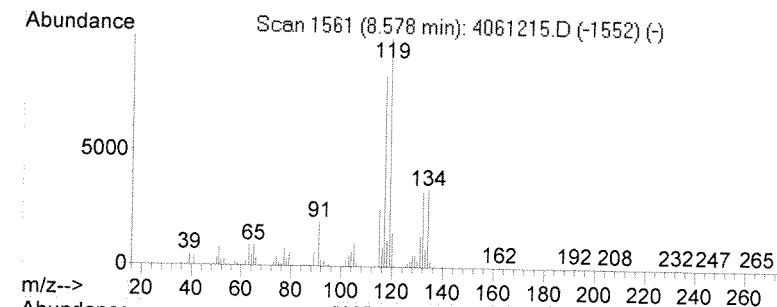
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Operator :
Sample : 121221.05 5ml
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 9 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.58	4.14 ug/L	1558430	1,4-dichlorobenzene-d4	7.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	50



Library Search Compound Report

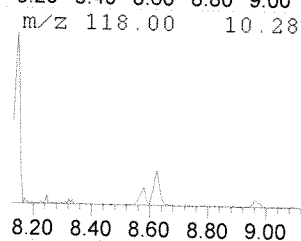
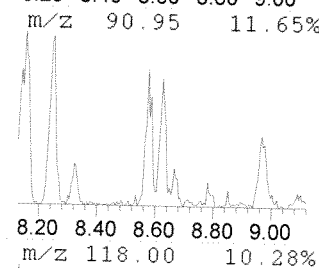
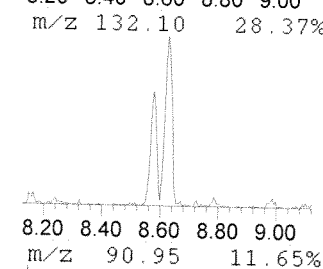
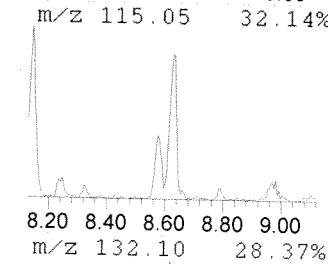
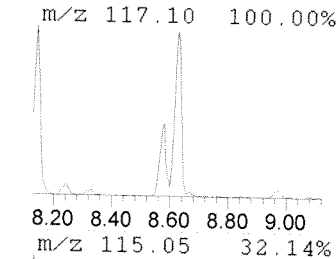
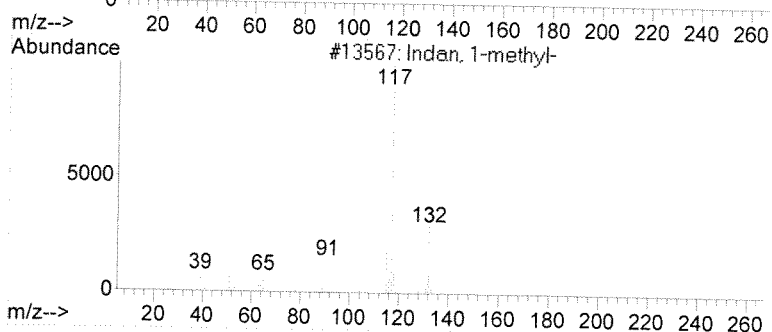
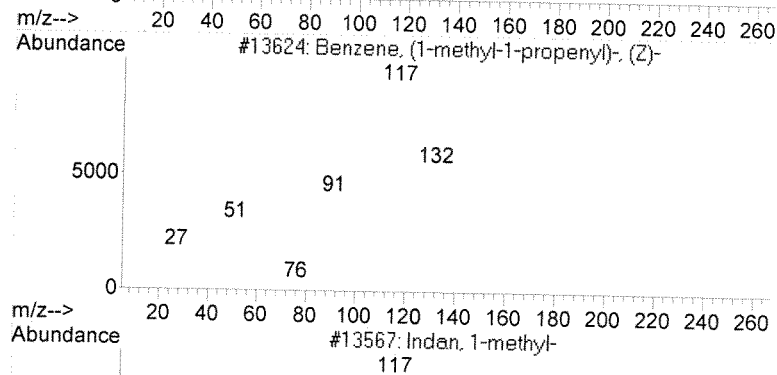
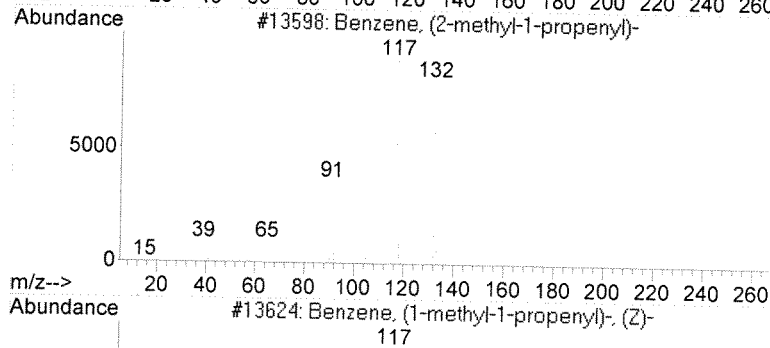
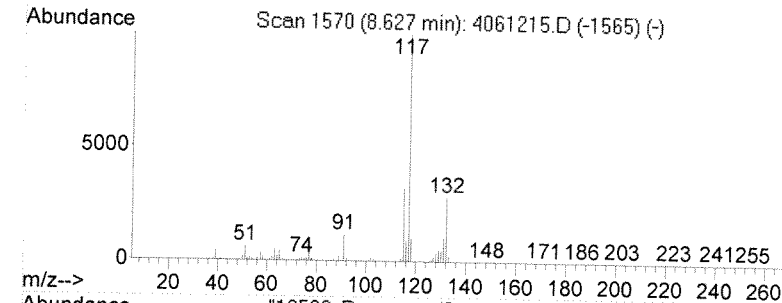
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Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.62	4.62 ug/L	1739020	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2	Benzene, (1-methyl-1-propenyl)-....	132	C10H12	000767-99-7	86
3	Indan, 1-methyl-	132	C10H12	000767-58-8	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80



Library Search Compound Report

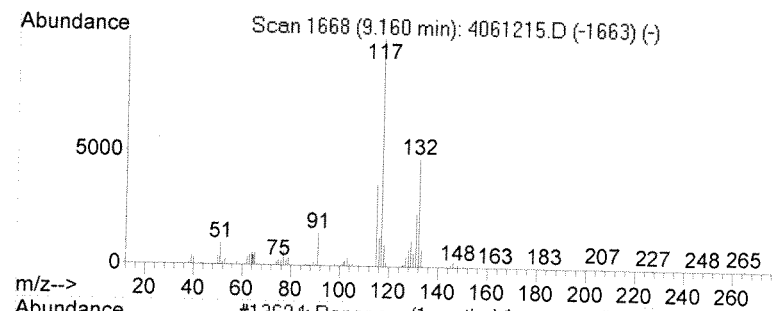
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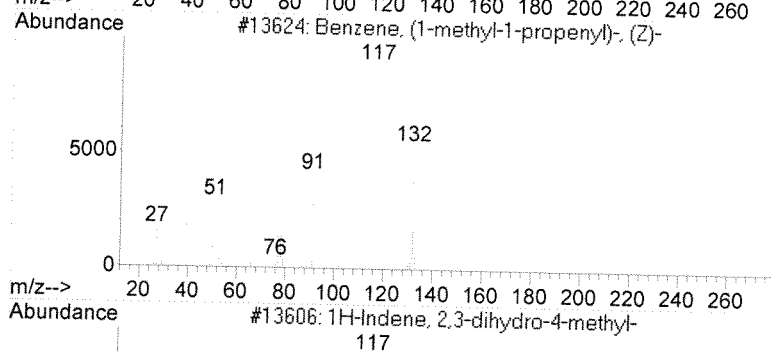
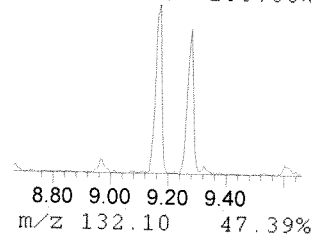
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TIC Integration Parameters: LSCINT.e

Peak Number 7 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.16	2.90 ug/L	1092650	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87

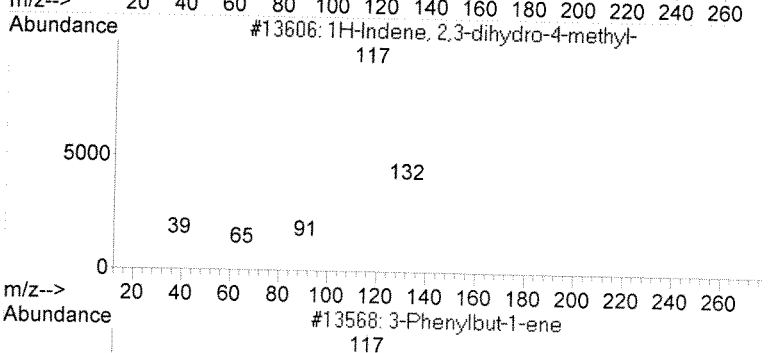


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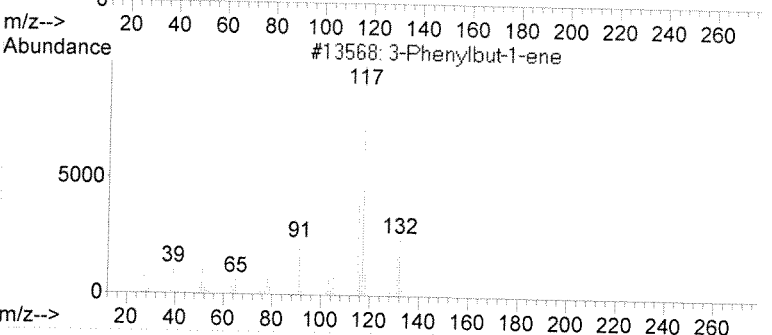
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m/z 114.95 35.89%



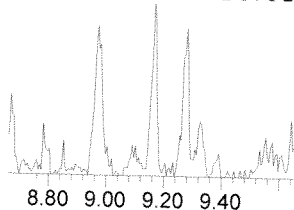
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m/z 131.10 23.08%



8.80 9.00 9.20 9.40

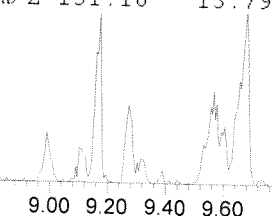
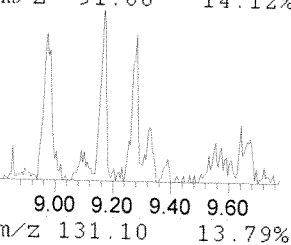
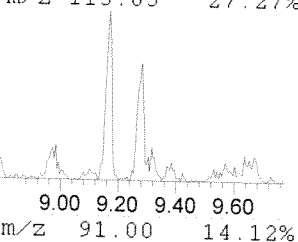
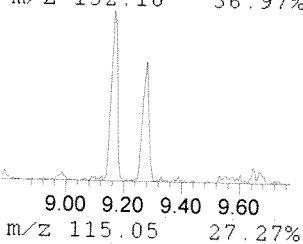
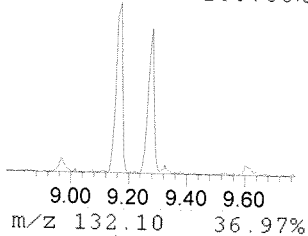
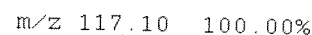
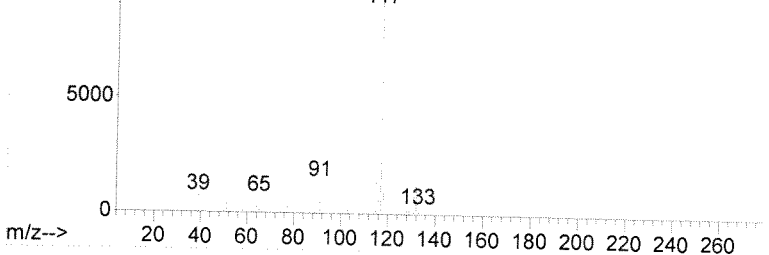
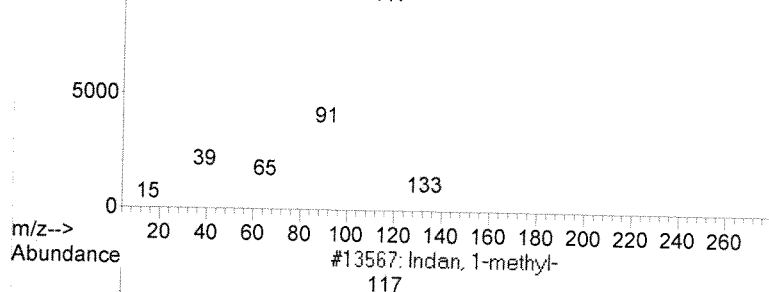
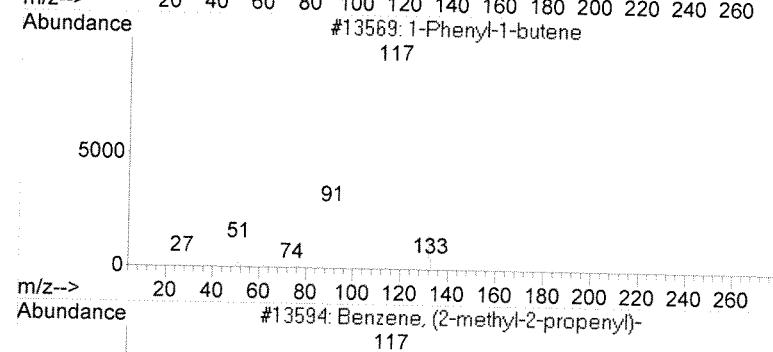
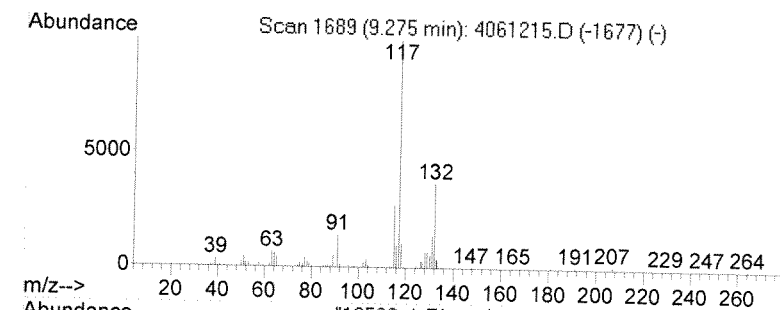
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Acq On    : 6 Apr 2012   1:58 pm
Operator  :
Sample    : 121221.05 5ml
Misc      :
ALS Vial  : 15      Sample Multiplier: 1
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.70 ug/L	1017500	1,4-dichlorobenzene-d4	7.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 91
2		Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7 91
3		Indan, 1-methyl-	132 C10H12	000767-58-8 90
4		1H-Indene, 2,3-dihydro-2-methyl-	132 C10H12	000824-63-5 87
5		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 87



1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.06

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) Water Lab Sample ID: 121221.05 Dupe
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061216.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: _____ Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7 Concentration Units:
 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Hydrocarbon	4.75	3	J
2. 496-11-7	Indane	8.14	5	J
3. 135-01-3	Benzene, 1,2-diethyl-	8.16	3	J
4. 1560-06-1	Benzene, 2-butenyl-	8.58	3	J
5. 768-49-0	Benzene, (2-methyl-1-propenyl)-	8.62	5	J
6. 824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	9.16	4	J
7. 934-10-1	1-Phenyl-1-but-ene	9.27	3	J
8.				
9.				
10.				
11.				
12.				
13.				
14.				
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16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

FORM I VOA-TIC

3/90

Library Search Compound Report

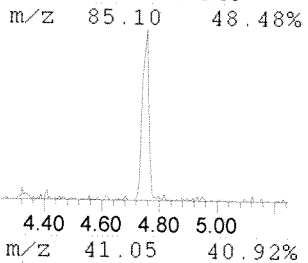
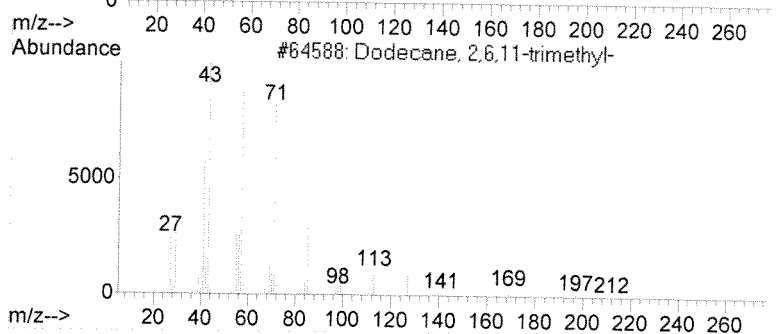
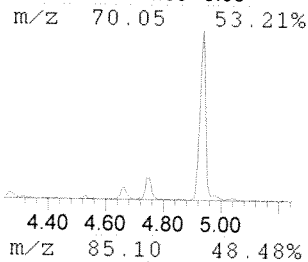
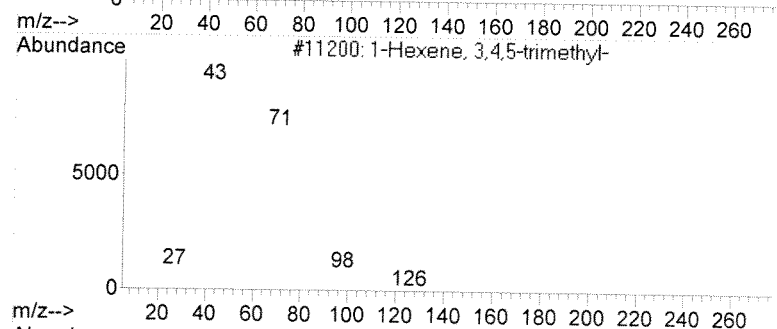
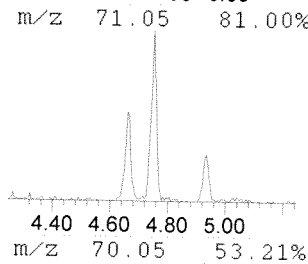
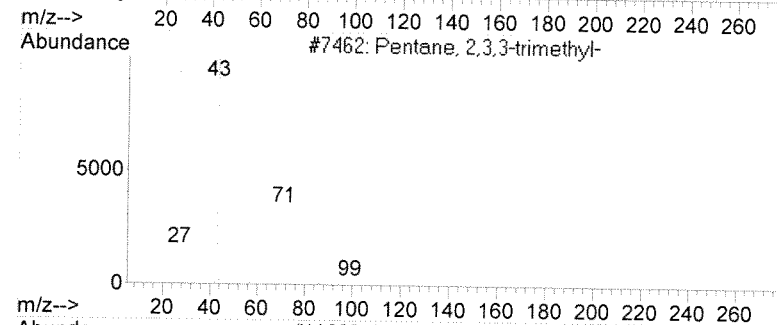
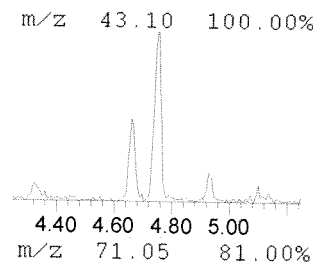
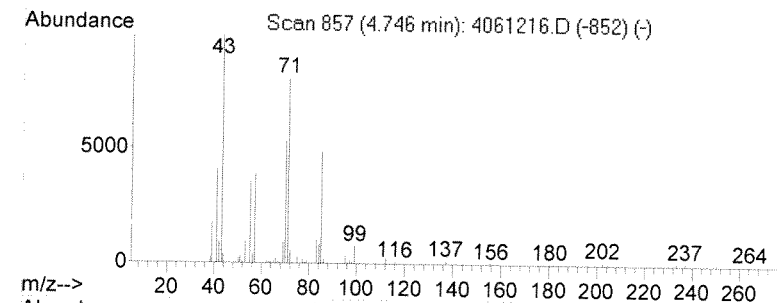
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Acq On : 6 Apr 2012 2:20 pm
Operator :
Sample : 121221.06 5ml
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.75	2.69 ug/L	532407	1,4-difluorobenzene	3.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	52
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5	1-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	50



Library Search Compound Report

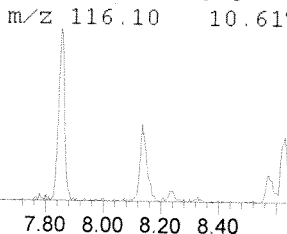
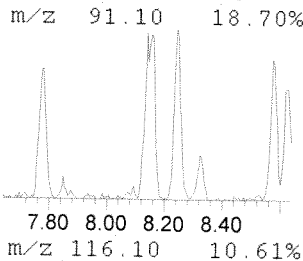
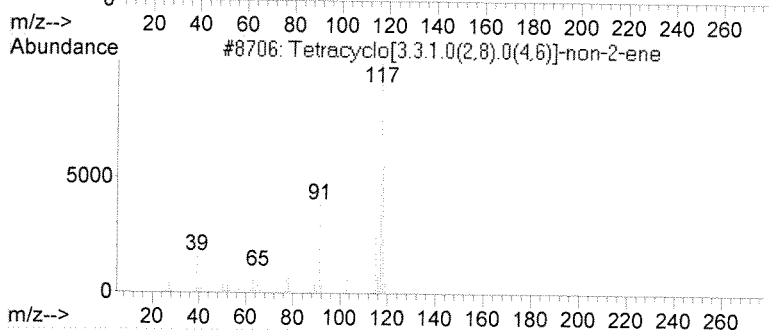
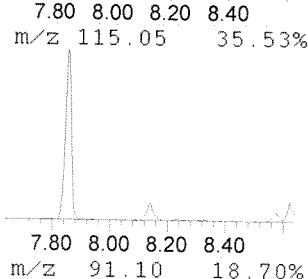
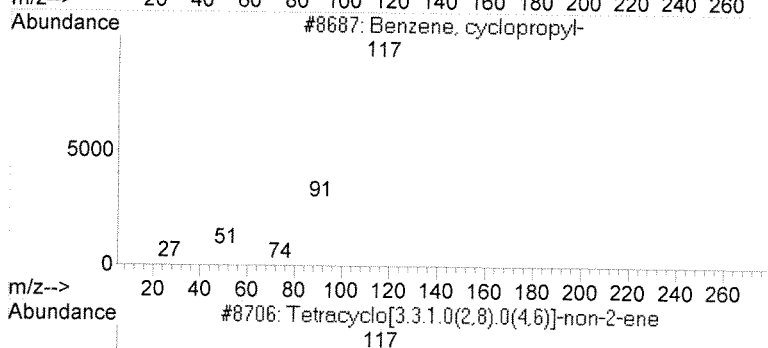
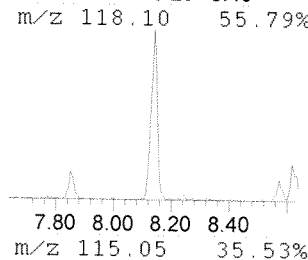
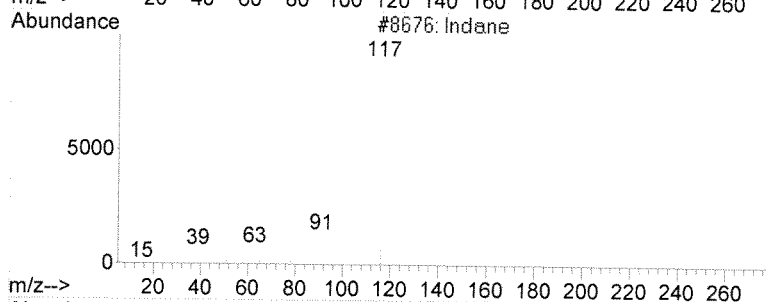
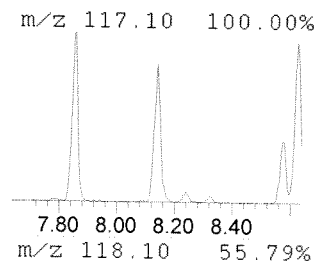
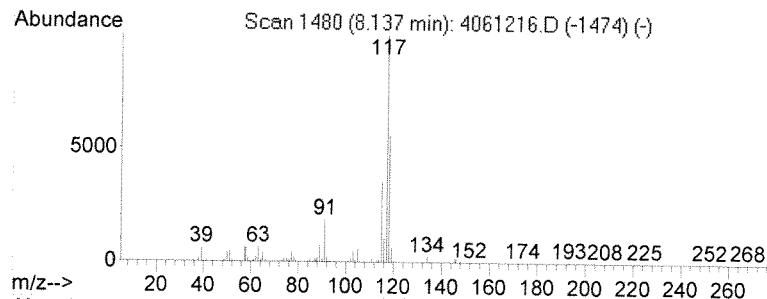
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Acq On : 6 Apr 2012 2:20 pm
Operator :
Sample : 121221.06 5ml
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.14	5.03 ug/L	1932000	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	81
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74



Library Search Compound Report

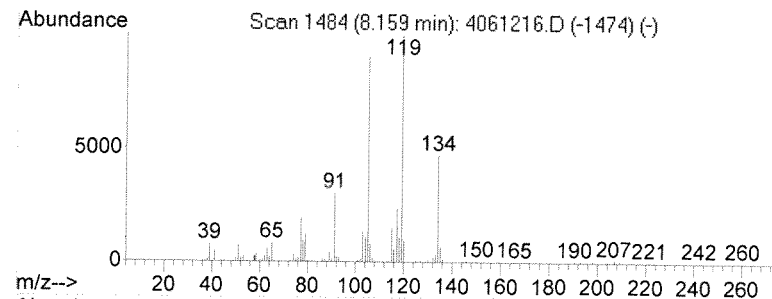
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Sample : 121221.06 5ml
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

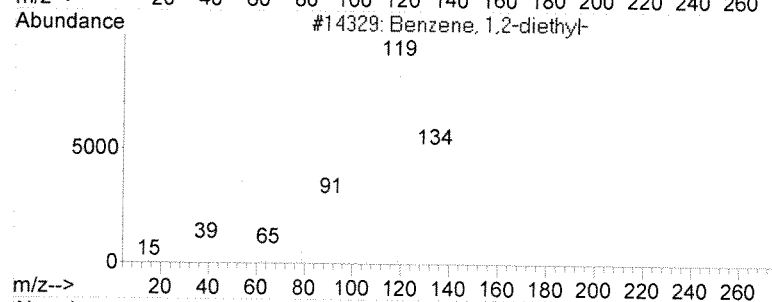
Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.16	3.05 ug/L	1172720	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87

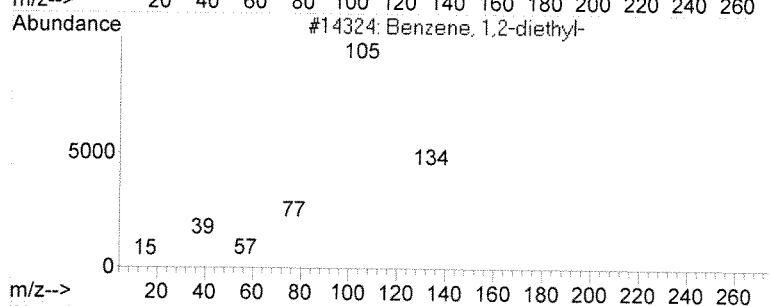


m/z 119.10 100.00%

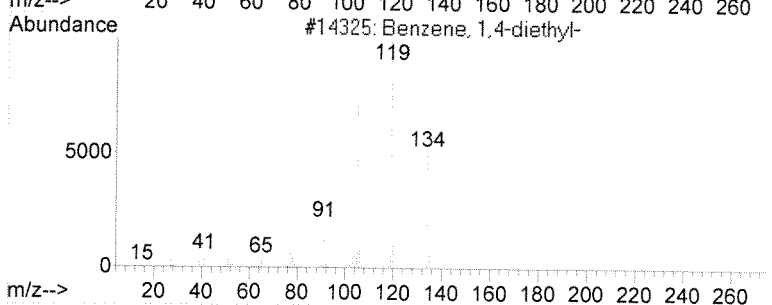
7.80 8.00 8.20 8.40
m/z 105.10 90.74%



7.80 8.00 8.20 8.40
m/z 134.05 47.24%



7.80 8.00 8.20 8.40
m/z 91.10 30.36%



7.80 8.00 8.20 8.40
m/z 117.10 23.48%

Library Search Compound Report

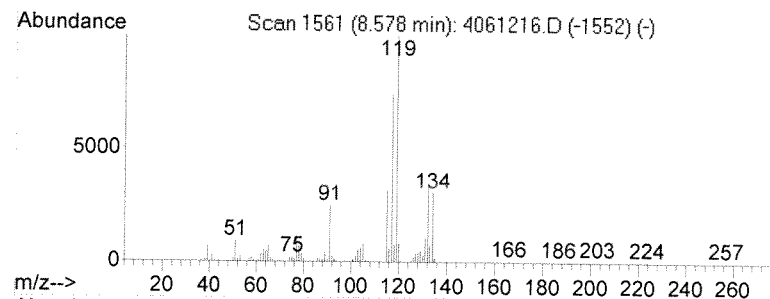
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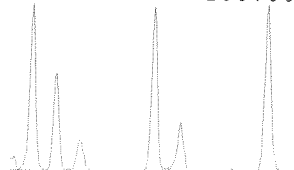
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TIC Integration Parameters: LSCINT.e

Peak Number 6 Benzene, 2-butenyl- Concentration Rank 6

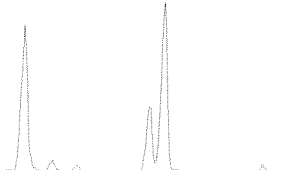
R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.58	3.30 ug/L	1268540	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70



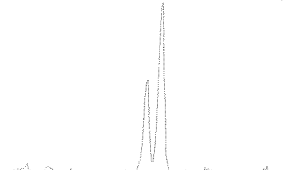
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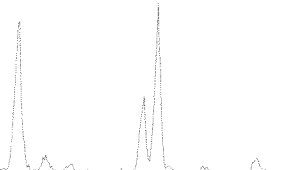
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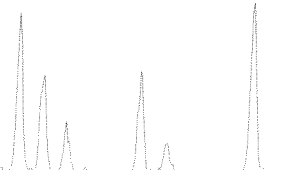
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m/z 115.00 31.65%



m/z 134.10 30.54%



m/z 119.10 100.00%

Library Search Compound Report

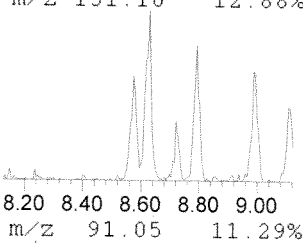
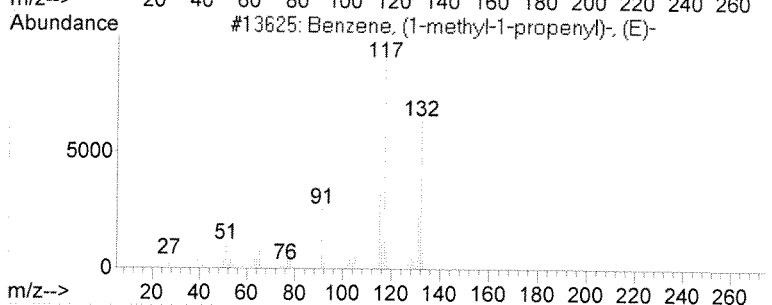
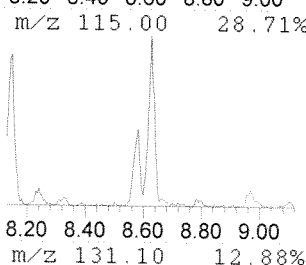
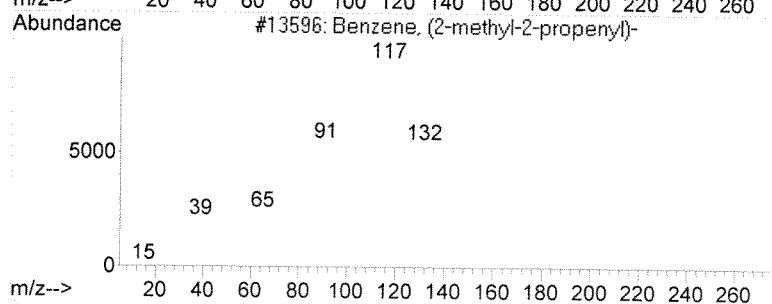
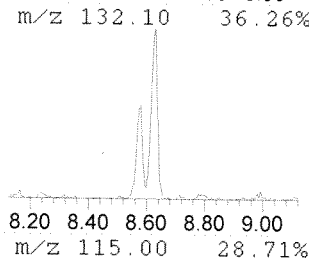
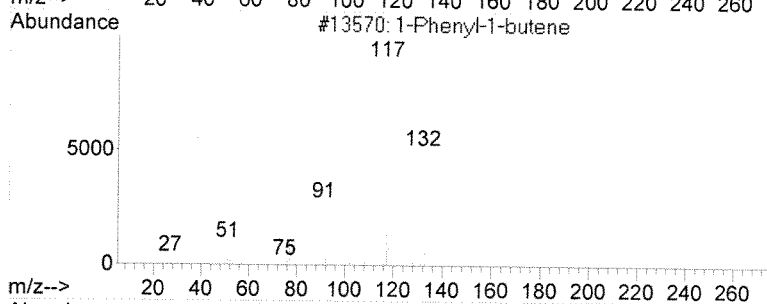
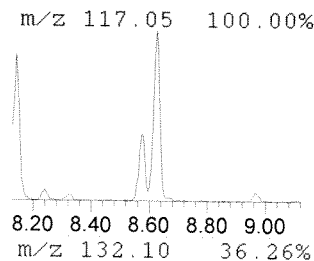
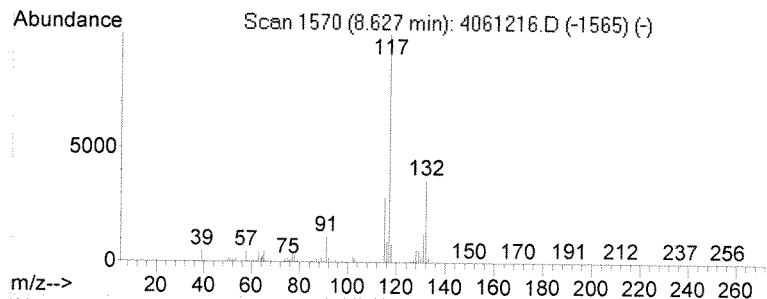
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Acq On : 6 Apr 2012 2:20 pm
Operator :
Sample : 121221.06 5ml
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 7 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.62	4.88 ug/L	1875710	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80



Library Search Compound Report

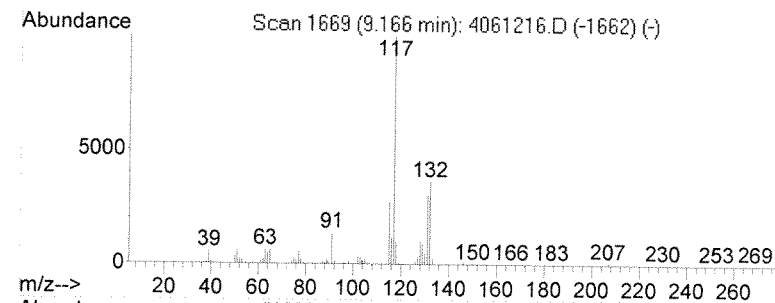
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ALS Vial : 16 Sample Multiplier: 1

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Quant Title :

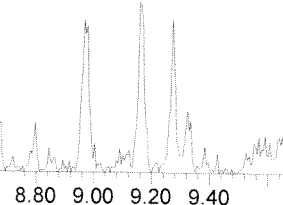
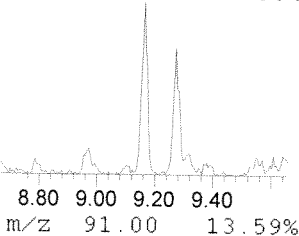
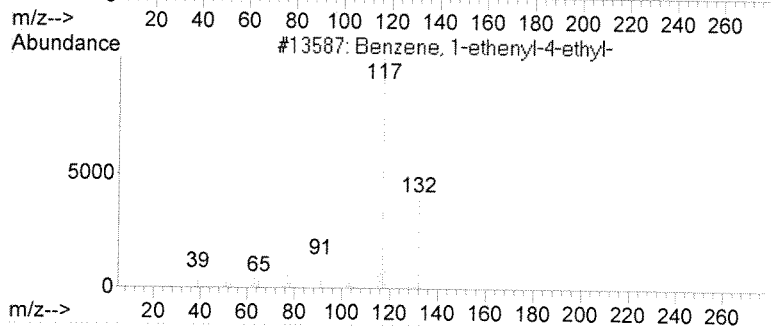
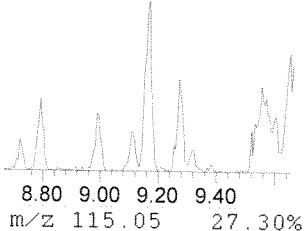
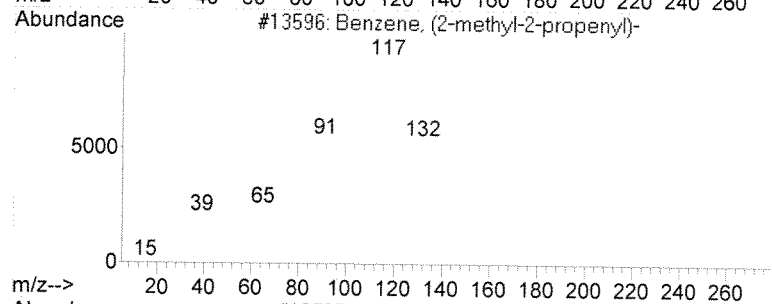
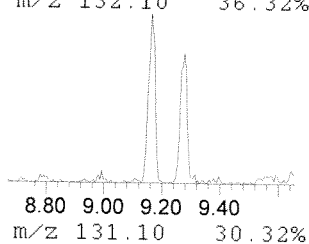
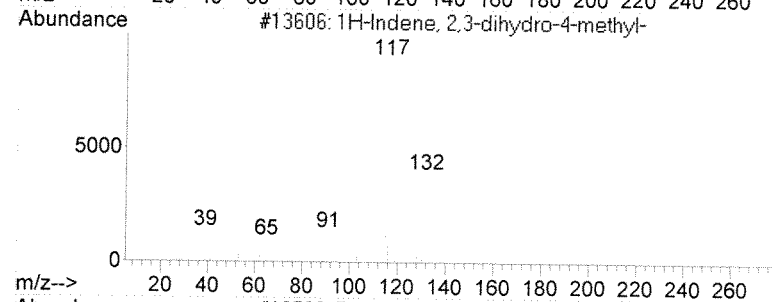
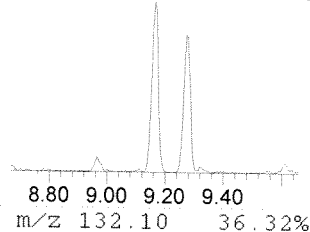
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.16	4.07 ug/L	1565740	1,4-dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74



m/z 117.05 100.00%



Library Search Compound Report

Data Path : C:\MSDCHEM\2\DATA\040612\
Data File : 4061216.D
Acq On : 6 Apr 2012 2:20 pm
Operator :
Sample : 121221.06 5ml
Misc :
ALS Vial : 16 Sample Multiplier: 1

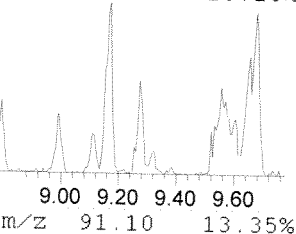
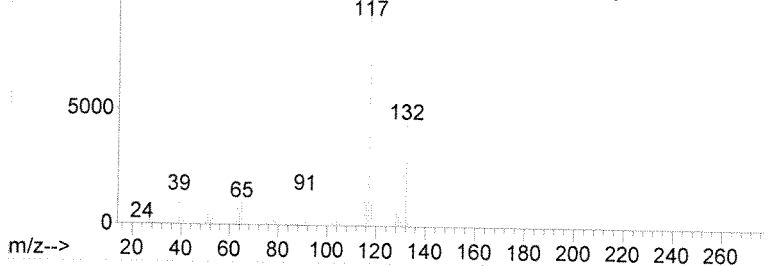
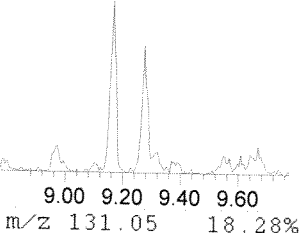
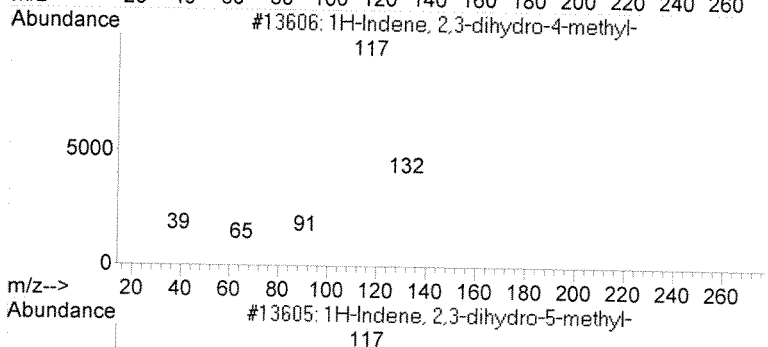
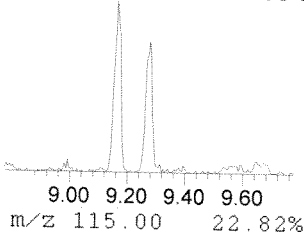
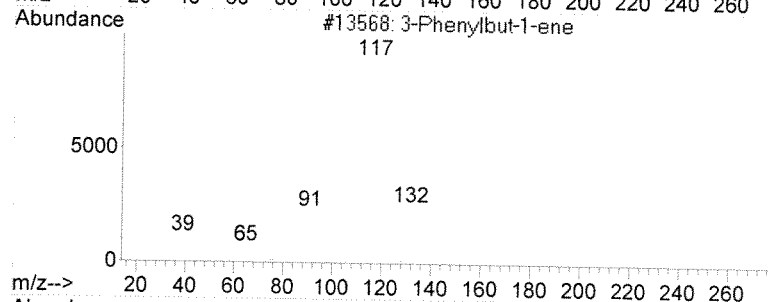
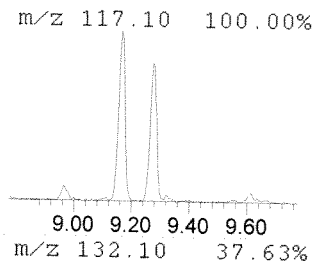
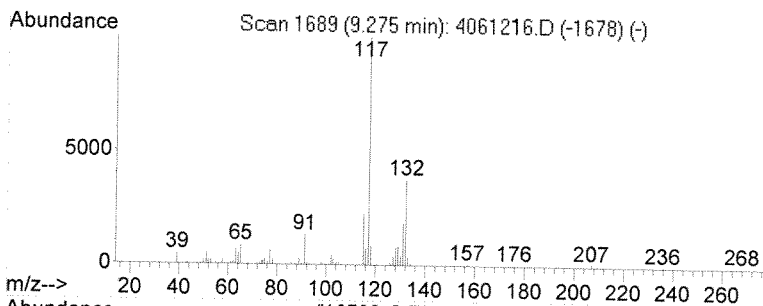
Quant Method : C:\MSDCHEM\2\METHODS\VWL032912.M
Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.e

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.25 ug/L	1248110	1,4-dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
5	Benzene, (1-methyl-1-propenyl)-	132	C10H12	000768-00-3	78



1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.07

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 121221.07

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061217.D

Level: (low/med) _____ Date Received: 4/4/12

% Solid: _____ Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: _____
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TICs found.			
2.				
3.				
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.08

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) Water

Lab Sample ID: 121221.08

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061218.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: _____

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TICs found.			
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.09

Lab Name: ECOTEST LABS

Contract: _____

Project No.: _____

Site: _____

Location: _____

Group: _____

Matrix: (soil/water) Water

Lab Sample ID: 121221.09

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 04061219.D

Level: (low/med) _____

Date Received: 4/4/12

% Solid: _____

Date Analyzed: 4/6/12

GC Column: DB-VRX ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units:

(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TICs found.			
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FORM I VOA-TIC

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

121221.10

Lab Name: ECOTEST LABS Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) Water Lab Sample ID: Trip Blank
 Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04061208.D
 Level: (low/med) _____ Date Received: 4/4/12
 % Solid: _____ Date Analyzed: 4/6/12
 GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1
 Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TICs found.			
2.				
3.				
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FORM I VOA-TIC