



June 13, 2013

Ms. Karen Puckett

Controller

One Holland Avenue Development, LLC

c/o Feintool New York, Inc.

11280 Cornell Park Drive

Cincinnati, OH 45242-1812

RE: Post Mitigation Indoor Air Sampling Results
1-5 Holland Avenue, White Plains, New York

FILE: 14206/47376

Dear Ms. Puckett:

In accordance with O'Brien & Gere Engineers, Inc. (O'Brien & Gere) proposal dated March 6, 2013, the following presents results of the post mitigation indoor air (PMIA) sampling conducted on March 28, 2013 at 1-5 Holland Avenue, White Plains, New York. The PMIA sampling and a vapor intrusion (VI) mitigation system inspection was conducted to assess the effectiveness of the VI mitigation system currently in place. The sampling and inspection was conducted at the request of the New York State Department of Health (NYSDOH).

A summary of VI mitigation system inspection and PMIA sampling activities is as follows:

VI MITIGATION SYSTEM INSPECTION

O'Brien & Gere evaluated the effectiveness of the VI mitigation system (System) installed at 1-5 Holland Avenue by conducting a System inspection. O'Brien & Gere assessed the System's performance with respect to its prior commissioned performance as well as a visual inspection of the building (referred to as structure) and the System's installation. Attachment 1 provides completed inspection field forms. They define structure and System checks that were conducted during the inspection. In general, these items inspected included:

- Structure – Checking for changes in the structure that could affect the System's performance.
- Fan and Electrical – Recording fan inlet and suction point vacuum levels and comparison with the prior commissioned vacuum levels; and inspections of electrical connections.
- Piping, Slab and Wall – Inspecting piping supports, connections, and exhaust stack. Checking for visible new cracks in walls and floors.

Please note that it is assumed that the strength of the sub-slab depressurization (*i.e.*, induced vacuum) will not change so long as the fan and suction point(s) vacuum levels remain the same as they were during the prior commissioning, which is either the initial commissioning or the latest re-commissioning. Therefore, System vacuums were compared to vacuum levels recorded during the prior commissioning. O'Brien & Gere has established an acceptable difference of 0.25 inches of water column ("w.c.") for System vacuums. This approach has been approved by NYSDEC at other vapor intrusion sites that O'Brien & Gere is currently inspecting the systems. O'Brien & Gere noted that vacuum readings at suction points 4B-A and 4B-B deviated from the prior commissioned value in excess of 0.25" w.c.; therefore, further System evaluation and communication testing was required.

O'Brien & Gere conducted communication testing to evaluate the ability of the System to induce a vacuum under the slab. Communication test points installed during the System's initial commissioning were utilized. If the original test point could not be located new communication test points were installed. The as-found communication test results were acceptable and ranged from -0.004 "w.c. to -0.264 "w.c.; therefore, no System adjustments were warranted and PMIA sampling commenced. This communication testing constituted a re-commissioning of the system and the "as-left" vacuum readings should be used for future inspections.

POST-MITIGATION INDOOR AIR SAMPLING

Upon confirmation that the System was operating properly, O'Brien & Gere collected one indoor air sample on the first floor in each of the four buildings (total of four samples). In addition to the indoor air samples, one ambient air sample was also collected upwind of the building. Sample locations are depicted on Figure 1.

Samples were collected over an approximate 8-hour period using laboratory certified summa-canisters. Summa canisters were shipped to TestAmerica Laboratories in Burlington, Vermont for analysis by USEPA Test Method TO-15 under routine chain-of-custody. A building survey and chemical inventory were conducted during air sampling activities. The survey, inventory and other sampling documentation can be found in Attachment 2. A photographic log is presented in Attachment 3.

PMIA concentrations of tetrachloroethene (PCE), the only site-related compound, were not detected above respective detection limits in three out of the four samples. PCE was detected in Building 4 at 0.30 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). The PMIA PCE detection is significantly lower than the November, 2008 pre-mitigation indoor air PCE concentrations that ranged from 1.9 $\mu\text{g}/\text{m}^3$ to 43 $\mu\text{g}/\text{m}^3$; and, is well below the typical indoor air background level¹ of 15.9 $\mu\text{g}/\text{m}^3$. PMIA sample results are summarized in Table 1 and TestAmerica's laboratory report is presented in Attachment 4. Other compounds analyzed by the analytical method that were detected in the indoor air are also shown on Table 1. Their detections are due to indoor or outdoor sources and not from vapor intrusion.

The analytical data generated for this investigation were validated by O'Brien & Gere using the quality assurance/quality control (QA/QC) information presented in the following documents:

- United States Environmental Protection Agency (USEPA). 1999. *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air*. Cincinnati, Ohio.
- O'Brien & Gere 2011. *Quality Control Document, 1-5 Holland Avenue Site, White Plains, New York*. Syracuse, New York.

Overall data usability with respect to completeness for the sample results reported was found to be 100 percent for the VOC air data. The VOC air data were identified as usable for qualitative and quantitative purposes. Based on the validation performed, the completeness goal of 95 percent was met for these analyses.

¹ As measured in commercial and public buildings that do not have vapor intrusion. The value is the 90th percentile value taken from the EPA 2001 BASE Database as reported in the NYSDOH vapor intrusion guidance (October 2006).

The System inspection and sampling results described in this report represent two lines of evidence that the System installed at 1-5 Holland Avenue effectively mitigates the potential of sub-slab vapor to enter the indoor air. O'Brien & Gere recommends that System inspections are conducted annually. As long as the System maintains sub-slab depressurization, further indoor air sampling should not be required.

Very truly yours,
O'BRIEN & GERE ENGINEERS, INC.



Mark A. Randazzo, CPG, CSP
Project Manager

ATTACHMENTS

Table 1 – Post-Mitigation Indoor Air Results
Figure 1– Post-Mitigation Indoor Air Sampling Locations
Attachment 1 – Field Inspection Forms
Attachment 2 – Field Sample Forms
Attachment 3 – Photographic Log
Attachment 4 – Laboratory Data

cc: Neal A. Frink, Esq. – The Frink Law Firm, LLC
Thomas F. Boegli - Feintool International Management, Ltd
Guy A. Swenson, CPG – O'Brien & Gere
Mark Distler – O'Brien & Gere
Eric Alongi – O'Brien & Gere

*Post-Mitigation Indoor Air
Results*

Table 1
Post-Mitigation Indoor Air Results (Detected Compounds Only)
1-5 Holland Avenue, White Plains, New York

	Indoor Air Background Levels ^a	Sample ID	1-AA1-032813	1-IA1-032813	1-IA2-032813	1-IA3-032813	1-IA4-032813
		Sample Date	3/28/2013	3/28/2013	3/28/2013	3/28/2013	3/28/2013
		Sample Time	15:00	14:54	15:11	13:29	13:00
Compound	CAS	Unit	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Site-Related Compound							
Tetrachloroethene	127-18-4	15.9	0.27 U	0.27 U	0.27 U	3.1 UJ	0.3 J
Other Compounds							
1,3,5-Trimethylbenzene	108-67-8	3.7	0.39 U	0.60	0.71	11 *J	1.2 J
1,3-Butadiene	106-99-0	3.0	0.18 U	0.19	0.18 U	6.2 J	0.18 UJ
2,2,4-Trimethylpentane	540-84-1	NA	0.19 U	2.6	3.0	44 J	4.3 J
4-Ethyltoluene	622-96-8	3.6	0.20 U	0.56	0.70	8.2 *J	0.94 J
Benzene	71-43-2	9.4	0.42	1.5	1.4	28 J	1.5 J
Carbon tetrachloride	56-23-5	1.3	0.47	0.39	0.43	2.8 U	0.41 J
Chloroform	67-66-3	1.1	0.20 U	0.2 U	0.34	2.2 UJ	0.20 UJ
Cyclohexane	110-82-7	NA	0.14 U	0.86	0.94	16 J	1.3 J
Dichlorodifluoromethane	75-71-8	NA	2.3	2.1	2.4	2.7 J	2 J
Ethylbenzene	100-41-4	5.7	0.17 U	1.8	1.8	31 J	2.4 J
m-Xylene & p-Xylene	179601-23-1	22.2	0.17 UJ	5.9 J	5.4 J	110 *J	7.6 J
n-Heptane	142-82-5	NA	0.16 U	1.4	1.5	24 J	1.8 J
n-Hexane	110-54-3	10.2	0.28 U	2.8	3.0	51 J	4.5 J
o-Xylene	95-47-6	7.9	0.17 UJ	2.0 J	2.3 J	44 *J	3.1 J
Toluene	108-88-3	43	0.32	6.8	6.7	120 J	9.5 J
Trichlorofluoromethane	75-69-4	3.5	1.1	1.1	1.3	2.5 J	1.1 J
Xylenes, Total	1330-20-7	NA	0.29 J	7.9 J	7.7 J	150 *J	11 J

^aIndoor air concentrations measured in commercial and public buildings that do not have vapor intrusion. The values are the 90th percentile values taken from the EPA 2001 BASE Database as reported in the NYSDOH vapor intrusion guidance (October 2006)

Detected values are bolded

J - Estimated value

U - Not detected at the Detection Limit shown

UJ - Not detected at the estimated detection limit shown

NA - Not Applicable

* - Indicates laboratory recovery or RPD exceeds control limits

*Post-Mitigation Indoor Air
Sample Locations*



FIGURE 1



LEGEND

- INDOOR AIR SAMPLE
- AMBIENT AIR SAMPLE

One Holland Avenue Development
1-5 Holland Avenue
White Plains, NY

POST-MITIGATION
INDOOR AIR
SAMPLING LOCATIONS

FOR
1-5 HOLLAND AVENUE
WHITE PLAINS, NEW YORK



MAY 2013
14206/47376

Field Inspection Forms



System Inspection Field Form

STRUCTURE INSPECTION

Routine or Non-Routine (circle one)

Address: 1-5 Holland AveStructure ID #: —Performed by: EA/GKDate: 3/27/13

Have the following items changed since the last visit?

	Yes	No
Building Foot Print		✓
Basement/Slab Occupancy		✓
Heating / Ventilating Systems		✓
Basement Finish		✓
Crawlspaces		✓
Drains, Sumps, Floor Cracks		✓
Wall Penetrations, Cracks		✓
Appliances (in basement)		✓
Siding		✓
Are there any new buildings on the property or conversion of spaces in previously existing building?		✓
If Yes, describe in comments section below.		
Ownership		✓

If Yes, write new owner name contact information below

Date of Ownership Change _____

Owner Name _____

Telephone No. _____

If any of these items have changed, a redesign may be required. Contact the maintenance supervisor for field review.

Documentation

Were digital photographs taken of the entire system?

☒ Yes ☐ No

Was Property Owner provided "Operational Fact Sheet"?

☐ Yes ☐ No ☒ No - has already been provided

Was the drawing updated to show any changes?

☐ Yes ☐ No ☒ N/A

Was a Service Call filed for items that could not be addressed during this visit?

☐ Yes ☐ No ☒ N/A

Communication Check for PMIA Sampling

Test point Identifier	1-1	1-2	1-8	1-10	2-1	2-2	2-3	3-1	3-2	3-3	3-5	3-7	3-8	4-1	4-2	4-3
Micromanometer Reading (" w.c. vacuum)	-0.023	-0.028	-0.011	-0.005	-0.116	-0.016	-0.007	-0.043	-0.061	-0.180	-0.021	-0.060	-0.035	-0.004	-0.057	-0.020
4-5 (-0.008), 4-6 (-0.009), 4-7 (-0.018), 4-8 (-0.022), 1-12 (-0.005)																

Maximum Building Depressurization simulated?

☒ Yes ☐ No



OBRIEN GERE

System Inspection Field Form

FAN AND ELECTRICAL

Routine or Non-Routine (circle one)

Address: 1-5 Holland

Structure ID #: _____

Performed by: EA/GKDate: 3-27/13

Equipment Documentation

Manometer Reading at Fan Inlet (" w.c. vacuum)

Fan #	2A	3A	3B	4A	4B		
Fan Model	HP-220	GP-501	GP-501	HS-5000	GP-501		
Manometer Reading (Prior Commissioned)	-2 3/8	-1 7/8	-3 1/4	-2 1/2	-3 1/2		
Manometer Reading (As Found)	-2 1/4	-1 3/4	-3 1/4	-2 1/2	-2 3/8		
Manometer Reading (As Left)	-2 1/4	-1 3/4	-3 1/4	-2 1/2	-2 3/8		

Manometer Reading at Sub-Slab SSPs (" w.c. vacuum)

Note: For SSPs located in accessible crawlspaces with EPDM membrane, use the crawlspace field form to record the SSP manometer reading.

SSP #	2A-A	2A-B	3A-A	3A-B	3B-A	3B-B	4B-A	4B-B	4A-A	4A-B	4B-C
Manometer Reading (Prior Commissioned)	-2 3/8	-2 1/4	-1 7/8	-1 1/2	-3 1/2	-3 1/2	-3 1/2	-3 1/2	-2 5/8	-2 5/8	-2 1/4
Manometer Reading (As Found)	-2 3/8	-2 1/4	-1 7/8	-1 3/8	-3 1/2	-3 3/8	-2 3/8	-2 1/4	-2 1/2	-2 1/2	-2 1/4
Meet Criteria?*	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Manometer Reading (As Left)	-2 3/8	-2 1/4	-1 7/8	-1 3/8	-3 1/2	-3 3/8	-2 3/8	-2 1/4	-2 1/2	-2 1/2	-2 1/4

Fan System Inspection

	As Found	As Left
Is fan cover still present?	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ UC
Each fan mounted securely?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Coupling connections secure?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Is excessive noise heard when fan is running?	☐ Yes ☒ No	☐ Yes ☐ No ☒ UC
Switch is locked in the ON position?	☐ Yes ☒ No	☐ Yes ☐ No ☒ UC
Is set point indicated on speed controller?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ UC
Has fan been in continuous operation since previous visit?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Is the pipe penetration sealed on the structure's exterior?	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☒ UC
Is the downspout/PVC junction sufficiently sealed?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ UC
Is conduit penetration sealed on the structure's exterior?	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ UC
Each fan runs when switch is ON position?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Each fan stops when switch is in OFF position?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Does the condensate line appear to be functioning correctly?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Is each fan below its maximum vacuum?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC

(HP-220 = 2.5" w.c., GP-501 = 4.25" w.c., FR-250 = 2.8" w.c., HS-5000 = 53" w.c.)

If fan vacuum is at maximum, measure velocity at each SSP (record below).

SSP #							
Velocity at SSP (As Found)							
Velocity at SSP (As Left)							

Does the SSP velocity meet criteria (> 1 ft/min)? ☐ Yes ☐ No ☒ NA ☐ Yes ☐ No ☒ UC

Electrical System Inspection

Are all electrical connections secure?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Each junction box closed?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Conduit/Wire properly supported?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Are audible alarm(s) present and working properly?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ UC
Are appliances affected by fan operation?	☐ Yes ☒ No	☐ Yes ☐ No ☒ UC

Labeling Inspection

Correct labels applied in proper location? ***	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Are labels still legible?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Is SSDS breaker identified in the electrical panel?	☒ Yes ☐ No	☐ Yes ☐ No ☒ UC
Commissioned value written on SSP sticker?	☐ Yes ☒ No	☐ Yes ☐ No ☒ UC

Comments/Corrective Action

THE SEAL AROUND THE PIPE PENETRATION FOR FAN 4A WAS SEALED DURING THIS VISIT.

* As Found conditions = before corrective action. [NA = Not Applicable]

* As Left conditions = after corrective action. [UC = Unchanged from As Found conditions]

** Criteria is met if deviation is less than or equal to 0.25" w.c. (for all fans with the exception of the HS-5000). For an HS-5000 fan, criteria is met if deviation is less than or equal to 10% of the prior commissioned value or less than or equal to 0.25" w.c., whichever is greater.

If deviation exceeds criteria (0.25" w.c. or 10% of prior commissioned value, as applicable), conduct communication testing and document on Re-Commissioning Field Form.

*** Correct labels are at least one green label per floor and one white sticker at every suction point.



System Inspection Field Form

PIPING, SLAB AND WALL

Routine or Non-Routine (circle one)

Address: 1-5 Holland AveStructure ID #: Performed by: EA/GILDate: 3/27/13

Piping Check

	☒ Yes	☐ No	As Found	☐ Yes	☐ No	As Left	☐ Yes	☐ No	☒ UC
System suction point seals are accessible?	☒	☐	☐	☐	☐	☐	☐	☐	☒
System suction points are sealed to the slab?	☒	☐	☐	☐	☐	☐	☐	☐	☒
Each component is installed?	☒	☐	☐	☐	☐	☐	☐	☐	☒
Piping system is properly supported (6'-horizontal/8'-vertical)	☒	☐	☐	☐	☐	☐	☐	☐	☒
Excessive noise is heard in piping joints?	☐	☒	☐	☐	☐	☐	☐	☐	☒
Smoke 10% of all pipe joints and/or piping modifications?	☒	☐	☐	☐	☐	☐	☐	☐	☒
Did smoke enter joints? **	☐	☒	☐	☐	☐	☐	☐	☐	☒

Floor Check

	☒ Yes	☐ No	☐ Yes	☐ No	☒ UC
Are areas of the slab not visible (e.g. floor covering)?	☒	☐	☐	☐	☒
Are areas of the slab not accessible (e.g. stored items)?	☐	☒	☐	☐	☒
Were drawing-identified slab crack repairs/modifications smoke tested?	☐	☐	☒	☐	☒
Did smoke enter? **	☐	☐	☒	☐	☒
Are other cracks present that did not draw smoke?	☒	☐	☐	☐	☒
Are other cracks present that did draw smoke? **	☐	☒	☐	☐	☒
Were newly identified slab cracks indicated on drawing?	☐	☐	☒	☐	☒
Check and clean Dranjer(s)?	☐	☐	☒	☐	☒
Smoke Dranjer(s)?	☐	☐	☒	☐	☒

Wall Check

	☒ Yes	☐ No	☐ Yes	☐ No	☒ UC
Are areas of the walls not visible (e.g. finished walls)?	☒	☐	☐	☐	☒
Are areas of the walls not accessible (e.g. stored items)?	☐	☒	☐	☐	☒
Were drawing-identified wall crack repairs/modifications smoke tested?	☐	☐	☒	☐	☒
Did smoke enter wall crack(s)? **	☐	☐	☒	☐	☒
Are other wall cracks/penetrations present that did not draw smoke?	☒	☐	☐	☐	☒
Are other wall cracks/penetrations present that did draw smoke? **	☐	☒	☐	☐	☒
Were newly identified wall cracks indicated on drawing?	☐	☐	☒	☐	☒
Is top course of block wall open?	☐	☒	☐	☐	☒
Smoke top course of block wall (open-top block only)?	☐	☐	☒	☐	☒
Did smoke enter top course? **	☐	☐	☒	☐	☒
Are utility penetrations sealed so they don't draw smoke?	☒	☐	☐	☐	☒

Sump Check

	☐ Yes	☐ No	☒ NA	☐ Yes	☐ No	☒ UC
Have any non-approved modifications been made to sump cover?	☐	☐	☒	☐	☐	☒
Is sump cover structurally sound?	☐	☐	☒	☐	☐	☒
Verify integrity of sump cover seal?	☐	☐	☒	☐	☐	☒
Does sealed sump cover draw smoke? **	☐	☐	☒	☐	☐	☒

Exhaust Stack Check

	☒ Yes	☐ No	☐ NA	☐ Yes	☐ No	☒ UC
Distance above eave						
Distance from nearest opening						
Distance above nearest opening						
Are vertical exhaust stack supports installed every 8' maximum?	☒	☐	☐	☐	☐	☒
Distances from stack exhaust to openings appear to be unchanged?	☒	☐	☐	☐	☐	☒

*** If the existing exhaust stack is modified and/or removed and replaced as part of non-routine system maintenance, complete the "Stack Modification Field Form" and attach

Comments

ALL STACKS APPEAR TO BE AT LEAST 1' ABOVE THE EAVE + 2' ABOVE WINDOWS. STACK
4A SHOULD BE MOVED APPROXIMATELY 3' WEST. THE EXHAUST OPENING APPEARS TO
BE TOO CLOSE TO THE CHIMNEY.

Notes:

* As Found conditions = before corrective action. [NA = Not Applicable]

* As Left conditions = after corrective action. [UC = Unchanged from As Found conditions]

** If answered YES to this question, perform corrective action and re-test.



System Inspection Field Form

CRAWLSPACE

Routine or Non-Routine (circle one)

Address:

1-5 Holland

Structure ID #:

Performed by:

EA/GICDate: 3/27/13

Inaccessible Crawlspace (Ventilation)

☒ NA

As Found*	Crawlspace 1	Crawlspace 2	Crawlspace 3	Crawlspace 4
SSP#				
Target Velocity (fpm)				
Measured Velocity (fpm)				
Meets Criteria? **				

As Left*	Crawlspace 1	Crawlspace 2	Crawlspace 3	Crawlspace 4
SSP#				
Target Velocity (fpm)				
Measured Velocity (fpm)				
Meets Criteria? **				

Is sampling port to Inaccessible crawl space threaded with a plug?

☐ Yes☐ No☐ Yes☐ No☐ UC

Accessible Crawlspace (Sub-Membrane Depressurization)

☒ NA

As Found*	Crawlspace 1	Crawlspace 2	Crawlspace 3	Crawlspace 4
SSP#				
Prior Commissioned Manometer reading (" w.c.)				
As found Manometer reading (" w.c.)				

As Left*	Crawlspace 1	Crawlspace 2	Crawlspace 3	Crawlspace 4
SSP#				
Manometer reading (" w.c.)				

Accessible Crawlspace Performance Inspection

As FoundAs Left

Was each membrane joint smoke tested?

☐ Yes☐ No☐ Yes☐ No☐ UC

Did smoke enter? ***

☐ Yes☐ No☐ Yes☐ No☐ UC

Was the membrane perimeter smoke tested?

☐ Yes☐ No☐ Yes☐ No☐ UC

Did smoke enter? ***

☐ Yes☐ No☐ Yes☐ No☐ UCIs the suction point manometer(s) reading $\leq -1/10$ " w.c.?****☐ Yes☐ No☐ Yes☐ No☐ UC

Comments

* As Found conditions = before corrective action. [NA = Not Applicable]

* As Left conditions = after corrective action. [UC = Unchanged from As Found conditions]

** Inaccessible Crawlspace Criteria: Measured velocity $\geq$ 90% of Target Velocity (adjust if $> 110\%$ of target velocity)

*** If answered YES to this question, perform corrective action and re-test.

**** If answered NO to this question, adjust valve accordingly and re-check all SSP and fan readings.

Re-Commissioning Field Form

TEST DATA AND BACKDRAFT

(Routine or Non-Routine (circle one))

Address: 1-5 HOLLAND AVE

Structure ID #:

Performed by: EA/GIL

Date: 3/27/13

Manometer Reading at Fan Inlet (" w.c. vacuum)

	2A	3A	3B	4A	4B
Prior commissioning:	-2 3/8	-1 7/8	-3 1/4	-2 1/2	-3 1/2
As found:	-2 1/4	-1 3/4	-3 1/4	-2 1/2	-2 3/8
As left:	-2 1/4	-1 3/4	-3 1/4	-2 1/2	-2 3/8

Fan Model:

2A-HP-220
3A-GP-501
3B-GP-501
4A-HS-3000
4B-GP-501

Manometer Reading at All SSPs (" w.c. vacuum)

SSP#	2A-A	2A-B	3A-A	3A-B	3B-A	3B-B	4B-A	4B-B	4A-A	4A-B	4B-C
Manometer Reading (Commissioned)	-2 3/8	-2 1/4	-1 7/8	-1 1/2	-3 1/2	-3 1/2	-3 1/2	-3 1/2	-2 5/8	-2 5/8	-2 1/4
Manometer Reading (As Found)	-2 3/8	-2 1/4	-1 7/8	-1 3/8	-3 1/2	-3 3/8	-2 3/8	-2 1/4	-2 1/2	-2 1/2	-2 1/4
Manometer Reading (As Left)	-2 3/8	-2 1/4	-1 7/8	-1 3/8	-3 1/2	-3 3/8	-2 3/8	-2 1/4	-2 1/2	-2 1/2	-2 1/4
Velocity at SSP (As Found)											
Target Velocity (fpm)											
Meets Criteria? **											
Velocity at SSP (As Left)											

Is each fan below its maximum vacuum?

(HP220 = 2.5" w.c., GP501 = 4.25" w.c., FR-250 = 2.6" w.c., HS-5000 = 53" w.c.)

☒ Yes ☐ No

If fan vacuum is at maximum, measure velocity at each SSP (record above).

Valves and Manometers are installed in proper location?

☒ Yes ☐ No ☐ NA

Communication Test

As Found*

Test point Identifier	1-1	1-2	1-3	1-10	1-12	2-1	2-2	2-3	3-1	3-2	3-3	3-5	3-7	3-8	4-1	4-2	4-3	4-5	4-6	4-7	4-8
Micromanometer Reading (" w.c. vacuum)	-0.023	-0.020	-0.011	-0.005	-0.005	-0.016	-0.016	-0.007	-0.005	-0.024	-0.010	-0.027	-0.008	-0.035	-0.004	-0.057	-0.020	-0.006	-0.005	-0.005	-0.022
Does smoke enter?	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

As Left*

Test point Identifier	1-1	1-2	1-3	1-10	1-12	2-1	2-2	2-3	3-1	3-2	3-3	3-5	3-7	3-8	4-1	4-2	4-3	4-5	4-6	4-7	4-8
Micromanometer Reading (" w.c. vacuum)	-0.023	-0.020	-0.011	-0.005	-0.005	-0.016	-0.016	-0.007	-0.005	-0.024	-0.010	-0.027	-0.008	-0.035	-0.004	-0.057	-0.020	-0.006	-0.005	-0.005	-0.022
Does smoke enter?	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

All fans in operation during final communication test?

☒ Yes ☐ No

Maximum Building Depressurization simulated?

☒ Yes ☐ No

All valves set prior to re-commissioning comm. test?

☒ Yes ☐ No ☐ N/A

Vacuum ≥ 0.004" w.c. observed at each test point?

☒ Yes ☐ No ☐ N/A

Was there precipitation during the previous 24 hours?

☐ Yes ☒ No

What was the apparent wind speed?

☐ Calm ☒ Light ☐ Strong

Each test point tested?

☐ Yes ☒ No ☐ N/A

Each test point sealed after testing?

☒ Yes ☐ No

Not Each Test Point Could Be Located

* As Found conditions = before corrective action. [NA = Not Applicable]

* As Left conditions = after corrective action. [UC = Unchanged from As Found conditions]

** If fan vacuum is at maximum, SSP velocity criteria is met if velocity is >1 ft/min

** Inaccessible Crawlspace Criteria: Measured velocity ≥ 90% of Target Velocity (adjust if >110% of target velocity)



OBRIEN & GORE

Re-Commissioning Field Form**TEST DATA AND BACKDRAFT**

Routine or Non-Routine (circle one)

Address: 1-5 HOWLAND AVEStructure ID #: Performed by: EA/GKDate: 3/27/13**Backdraft Test**

Was backdraft test performed?*

☐ Yes ☒ No

Windows closed?

☒ Yes ☐ No

Venting appliances on (e.g. bathroom fan)?

☐ Yes ☒ No

Doors closed?

☒ Yes ☐ No

Combustion sources on?

☒ Yes ☐ No

On what combustion appliances was a backdraft test performed?

☐ Hot Water Heater☐ Dryer☐ Fireplace (damper closed)☐ Furnace / Boiler☐ Fireplace (damper opened)Other:

Was any combustion appliance not operable and could not be tested?

☐ Yes☐ NoUnknown

(If yes, explain)

Is there is a backdraft on any appliance?

☐ Yes☐ NoUnknown

(If yes, explain)**

Was a previous backdraft condition present during any previous visit?

☐ Yes☐ No☐ NAUnknown

*Do not operate whole house fan during backdraft test.

** If backdraft exists, shut down SSD system. Backdraft will need to be corrected prior to re-energizing system.

** If backdraft exists, please notify the property owner.

Owner was notified on: (date) **Red-line Drawing (Non-routine System Modifications)**

Piping redlines complete?

☐ Yes ☐ No☒ NA

Each switch and electrical tie in are identified?

☐ Yes ☒ No☐ NA

Cracks/penetrations are identified?

☐ Yes ☐ No☒ NA

As-built notes are complete?

☐ Yes ☐ No☒ NA

New ventilation devices identified?

☐ Yes ☐ No☒ NA

Was stack modified?*

☐ Yes ☒ No☐ NA

** Complete Stack Modification Field Form

CommentsHEAT UNITS WERE ON. HEAT UNITS MOUNTED AT CEILING LEVEL + COULD NOT
TBE ACCESSED.

Field Sample Forms

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name O'BRIEN + GARC Date/Time Prepared 3/28/13

Preparer's Affiliation ERIC ALONZI Phone No. 585-298-2385

Purpose of Investigation FEIN TOOL

1. OCCUPANT:

Interviewed: Y/☒N

Last Name: BUILDING CURRENTLY First Name: _____
UNOCCUPIED

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ____)

Interviewed: Y/☒N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? NA

If the property is commercial, type?

Business Type(s) NA

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2

Building age 60+ yrs

Is the building insulated? Y / N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Some

Airflow near source

NA

Outdoor air infiltration

Some

Infiltration into air ducts

NA

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? (Y) / N
- k. Water in sump? Y / N / not applicable UNKNOWN - STEEL COVER ATOP SUMP

Basement/Lowest level depth below grade: ~6' (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

SLAB + WALLS APPEAR TO BE WELL SEALED

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply -- note primary)

Hot air circulation	Heat pump	<u>Hot water</u> baseboard
Space Heaters	Stream radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler Other _____

The primary type of fuel used is:

Natural Gas	<u>Fuel Oil</u>	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Boiler - oil

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning:

Central Air

Window units Open Windows

None

2nd Floor

4

Are there air distribution ducts present?

Y N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Majority were not visible

7. OCCUPANCY

Is basement/lowest level occupied?

Full-time

Occasionally

Seldom

Almost Never

Level

General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement

Manufacturing (Auto Detail Shop)

1st Floor

Office / Manufacturing

2nd Floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?

Y N

b. Does the garage have a separate heating unit?

Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / NA

Please specify Boat, Cars, Asphalt Paver

d. Has the building ever had a fire?

Y / N When? _____

e. Is a kerosene or unvented gas space heater present?

Y / N Where? _____

f. Is there a workshop or hobby/craft area?

Y / N Where & Type? Auto Detail Shop

g. Is there smoking in the building?

Y / N How frequently? _____

h. Have cleaning products been used recently?

Y / N When & Type? Auto Detail Shop
Daily

i. Have cosmetic products been used recently?

Y / ☒ N When & Type? _____

5

j. Has painting/staining been done in the last 6 months?

Y / ☒ N Where & When? _____

k. Is there new carpet, drapes or other textiles?

Y / ☒ N Where & When? _____

l. Have air fresheners been used recently?

YES ☒ ~~Y~~ / ☒ ~~N~~ When & Type? AUTO DETAIL SHOP

m. Is there a kitchen exhaust fan?

Y / ☒ N If yes, where vented? _____

n. Is there a bathroom exhaust fan?

☒ Y / ☒ N If yes, where vented? OUTSIDE

o. Is there a clothes dryer?

Y / ☒ N If yes, is it vented outside? Y / N

p. Has there been a pesticide application?

Y / ☒ N When & Type? _____

Are there odors in the building?

If yes, please describe: CLEANING PRODUCTS IN AUTO DETAIL SHOP ☒ Y / ☒ N

Do any of the building occupants use solvents at work?

☒ Y / ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? AUTO

If yes, are their clothes washed at work?

Y / ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ NO

Unknown

Is there a radon mitigation system for the building/structure? ☒ Y / ☒ N Date of Installation: _____

Is the system active or passive? Active / Passive

VI MITIGATION SYSTEM

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: NA

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

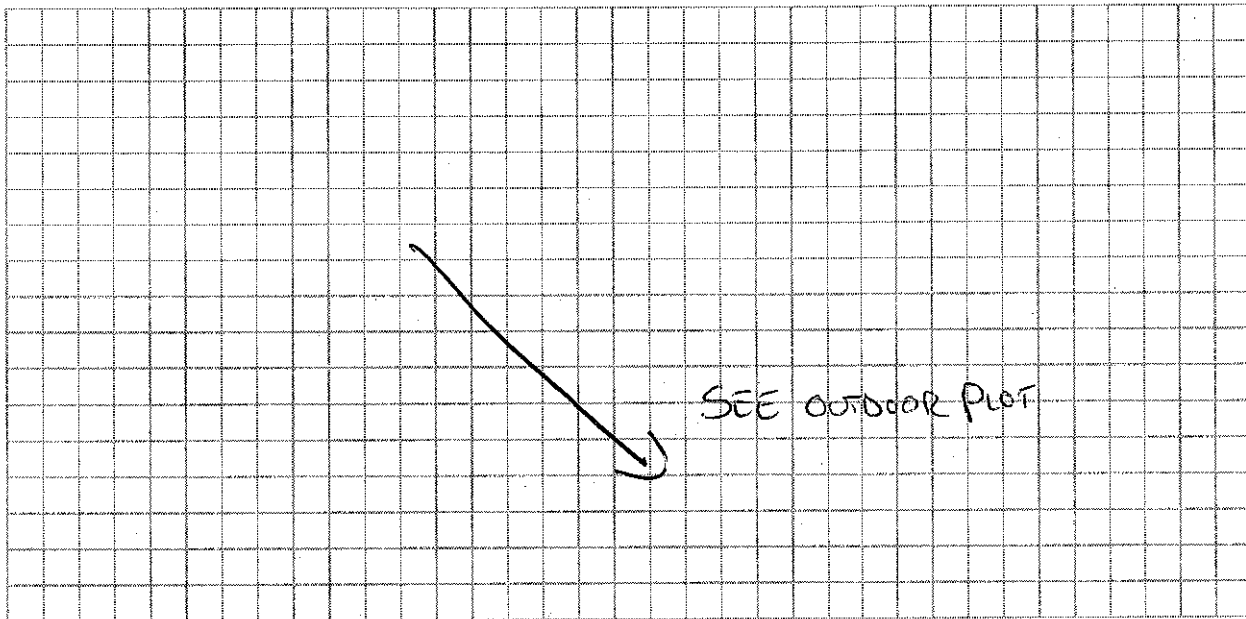
6

NA

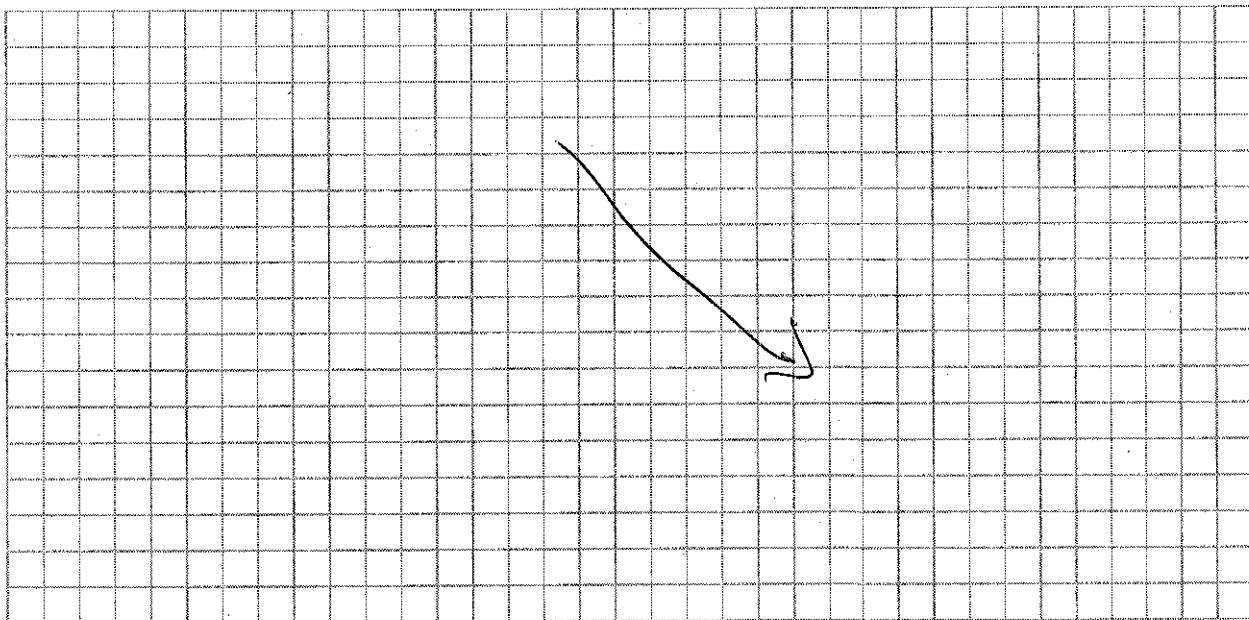
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



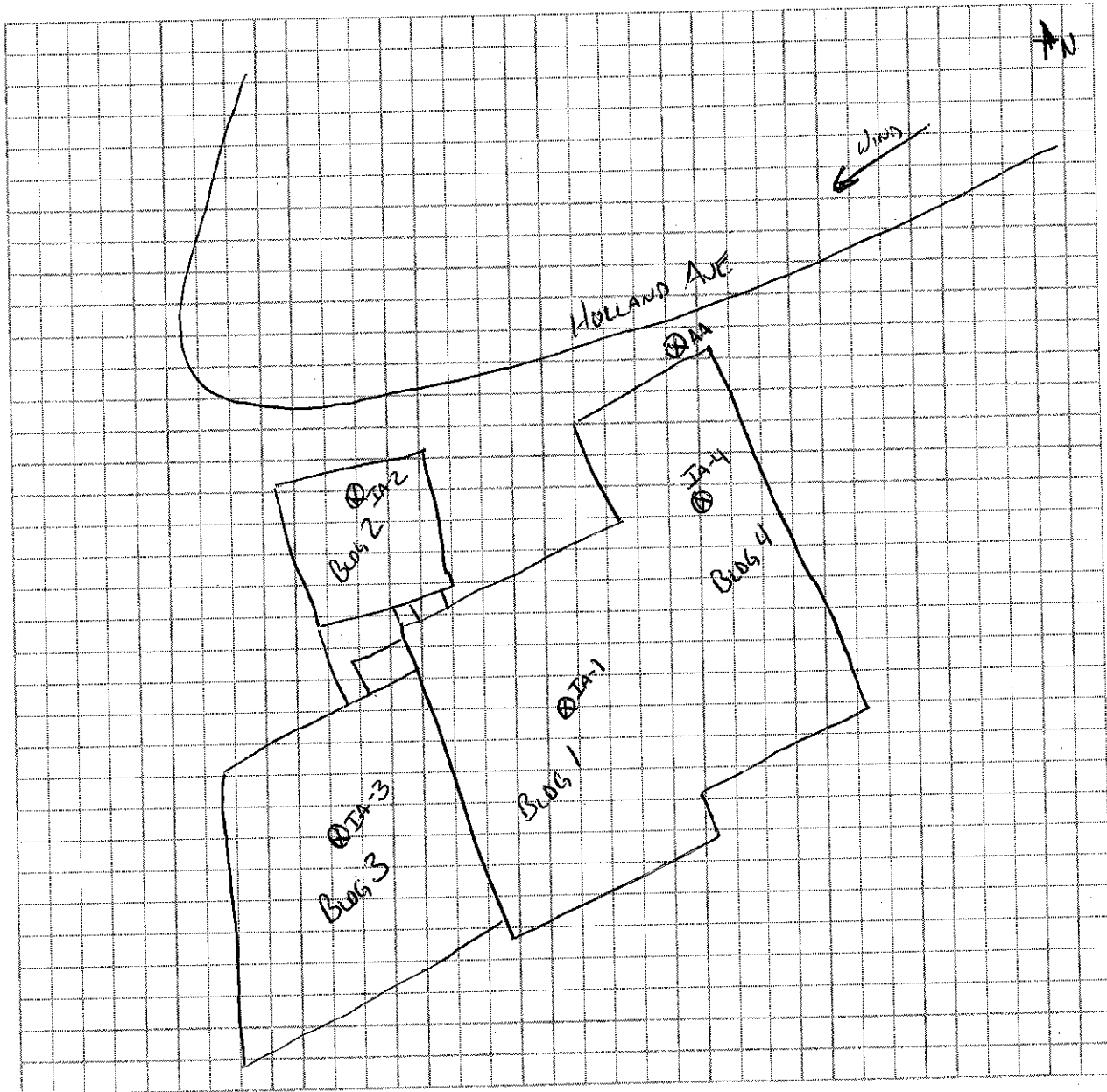
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.





Preparer's Name: Gene Knapp
Preparer's Affiliation: O'Brien & Gere
Site Name: Fein Tool

Date: 3-28-13
Room/Area: Detail Shop - Bldg 3
Address: 1 Holland Ave W.P. N.Y.

Brand/Product	Volatile ingredients/CAS Nos.	Amount stored
Metal Brite	NL	1 qt
Car Brite	NL	1 qt
Leather Cond. C/B	Cas # 800930-5061 P, # 84133-50-6	1 qt
Naturally Neutral	NL	16.9 oz
Lexol cond.	NL	16 oz
Armor All Leather care	glycol ethers, polyalkylene glycols	32 oz
Brake fluid (Prestone)	NL	23 oz
Eagle 1 Tire shine	NIST# 254504001-5454	1 gal
C/B Protact all	64742-96-7, 1330-20-7, 123-84-4, 64748-89-8	1 gal
C/B Eradicator Z	NL	1 gal
C/B Crystal Shine	64742-96-7, 63148-62-9, 64742-89-8	1 gal
C/B Eclipse Z	NL	1 oz
Spray 9 Cleaner	NL	1 gal
C/B Cherry Bomb	NL	23 oz
Rain X Weather beater	NL	1 gal
Super Clean Degreaser	NL	1 qt
VmdP Naphtha (Klean Strip)	NL	1 gal
C/B Spoke wheel Cleaner	NL	1 qt
3M Hand glaze	56-81-5, 8042-47-5	1 qt
Neutron Snake Eliminator	NL	1 qt
Neutron Spot Blaster	NL	1 qt
Eagle 1 Tire shine	NL	3 oz
C/B Work out	NL	3 oz
3M Foam Polishing Glaze	NL	1 qt
3M Finishing Material	NL	1 qt
Armor All Tire shine	NL	22 oz

**O'BRIEN & GERE****Multiple Vapor Intrusion Sampling Form**Project # 47376Date 3/28/13Project Name Few ToolCollector EAStructure Location1-5 Holland AveSample LocationsCENTRAL BLDG WITH SOUTH ROOMPID/FID meter ID 14402Sample Duration (Intended) 8

<u>Indoor Air Sample</u>		<u>Sub-structure Sample</u>		Circle Sample Type: <u>Indoor Air</u>					
				<u>SS-DUP</u>	<u>Ambient</u>	<u>IA-DUP</u>			
Sample ID	<u>1-IA1-032813</u>	Sample ID		Sample ID					
Canister ID	<u>4360</u>	Canister ID		Canister ID					
Flow Controller ID	<u>2937</u>	Flow Controller ID		Flow Controller ID					
Date/Time start	<u>3/28/13 730</u>	Date/Time start		Date/Time start					
Date/Time end	<u>3/28/13 1454</u>	Date/Time end		Date/Time end					
Gauge prior to start	<u>0</u>	Gauge prior to start		Gauge prior to start					
Start vacuum	<u>29.59</u>	Start vacuum		Start vacuum					
End vacuum	<u>-6.37</u>	End vacuum		End vacuum					
Complete all that apply:			Complete all that apply:			Complete all that apply:			
Air temperature (°F) <u>~64°</u>		Air temperature (°F) _____		Air temperature (°F) _____					
PID/FID reading <u>0</u>		PID/FID reading _____		PID/FID reading _____					
in. tubing used <u>NA</u>		in. tubing used _____		in. tubing used _____					
Tubing purged? <u>NA</u>		Tubing purged? _____		Tubing purged? _____					
<u>For indoor location:</u>			<u>For indoor location:</u>			<u>For outdoor location:</u>			
Noticeable odor <u>No</u>		Noticeable odor _____		Noticeable odor _____					
Intake height above floor (in) <u>~36"</u>		Floor slab depth _____		Distance to road (ft) _____					
Floor surface type <u>Concrete</u>		Intake depth below floor (in) _____		Direction to closest building (degrees) _____					
Room <u>CENTRAL BLDG w/ SOUTH ROOM</u>		Floor surface type _____		Distance to closest building (ft) _____					
Story/level <u>Lowest</u>		Room _____		Intake height above ground level (in) _____					
		Story/level _____							

Building Survey and Chemical Inventory Form Completed?

YES

Photographs Taken?

YES

Comments:

No chemicals stored in this building

Analytical method required

TO-15

Laboratory used

TestAmerica

**O'BRIEN & GERE****Multiple Vapor Intrusion Sampling Form**

Project # 47376 Date 3/28/13
 Project Name FEIN TOOL Collector EA
 Structure Location 1-5 HOLLAND AVE. Sample Locations CENTRAL BUILDING
 PID/FID meter ID 14402
 Sample Duration (Intended) 8

Indoor Air Sample		Sub-structure Sample		Circle Sample Type: <u>Indoor Air</u>		
				SS-DUP	Ambient	IA-DUP
Sample ID	<u>1-IA2-032813</u>	Sample ID		Sample ID		
Canister ID	<u>3485</u>	Canister ID		Canister ID		
Flow Controller ID	<u>3664</u>	Flow Controller ID		Flow Controller ID		
Date/Time start	<u>3/28/13 731</u>	Date/Time start		Date/Time start		
Date/Time end	<u>3/28/13 1511</u>	Date/Time end		Date/Time end		
Gauge prior to start	<u>0</u>	Gauge prior to start		Gauge prior to start		
Start vacuum	<u>29.62</u>	Start vacuum		Start vacuum		
End vacuum	<u>6.96</u>	End vacuum		End vacuum		
Complete all that apply:		Complete all that apply:		Complete all that apply:		
Air temperature (°F)	<u>~55°</u>	Air temperature (°F)		Air temperature (°F)		
PID/FID reading	<u>0</u>	PID/FID reading		PID/FID reading		
in. tubing used	<u>NA</u>	in. tubing used		in. tubing used		
Tubing purged?	<u>NA</u>	Tubing purged?		Tubing purged?		
For indoor location:		For indoor location:		For outdoor location:		
Noticeable odor	<u>No</u>	Noticeable odor		Noticeable odor		
Intake height above floor (in)	<u>~36"</u>	Floor slab depth		Distance to road (ft)		
Floor surface type	<u>Carpet</u>	Intake depth below floor (in)		Direction to closest building (degrees)		
Room	<u>CENTRAL BLDG ENTRY NORTH AREA</u>	Floor surface type		Distance to closest building (ft)		
Story/level	<u>Lowest</u>	Room		Intake height above ground level (in)		
		Story/level				

Building Survey and Chemical Inventory Form Completed? YES
 Photographs Taken? YES
 Comments: NO CHEMICALS STORED IN THIS BUILDING

Analytical method required 10-15
 Laboratory used TEST AMERICA

**OBRIEN & GERE****Multiple Vapor Intrusion Sampling Form**Project # 47376Date 3/28/13Project Name FEIN TOOLCollector EAStructure LocationSample Locations1-51 HOLLAND AVEWEST BUILDINGPID/FID meter ID 14402Sample Duration (Intended) 8

<u>Indoor Air Sample</u>	<u>Sub-structure Sample</u>	Circle Sample Type: <u>Indoor Air</u> <u>SS-DUP</u> <u>Ambient</u> <u>IA-DUP</u>
Sample ID <u>1-IA3-032813</u>	Sample ID _____	Sample ID _____
Canister ID <u>3333</u>	Canister ID _____	Canister ID _____
Flow Controller ID <u>4/180</u>	Flow Controller ID _____	Flow Controller ID _____
Date/Time start <u>3/28/13 728</u>	Date/Time start _____	Date/Time start _____
Date/Time end <u>3/28/13 1329</u>	Date/Time end _____	Date/Time end _____
Gauge prior to start <u>0</u>	Gauge prior to start _____	Gauge prior to start _____
Start vacuum <u>29.56</u>	Start vacuum _____	Start vacuum _____
End vacuum <u>-1.31</u>	End vacuum _____	End vacuum _____
Complete all that apply:	Complete all that apply:	Complete all that apply:
Air temperature (°F) <u>~65</u>	Air temperature (°F) _____	Air temperature (°F) _____
PID/FID reading <u>28 ppm</u>	PID/FID reading _____	PID/FID reading _____
in. tubing used <u>NA</u>	in. tubing used _____	in. tubing used _____
Tubing purged? <u>NA</u>	Tubing purged? _____	Tubing purged? _____
<u>For indoor location:</u>	<u>For indoor location:</u>	<u>For outdoor location:</u>
Noticeable odor <u>No</u>	Noticeable odor _____	Noticeable odor _____
Intake height above floor (in) <u>240"</u>	Floor slab depth _____	Distance to road (ft) _____
Floor surface type <u>Concrete</u>	Intake depth below floor (in) _____	Direction to closest building (degrees) _____
Room <u>DETAIL SHOP</u>	Floor surface type _____	Distance to closest building (ft) _____
Story/level <u>Lowest</u>	Room _____	Intake height above ground level (in) _____
	Story/level _____	

Building Survey and Chemical Inventory Form Completed?

YES

Photographs Taken?

YES

Comments:

Analytical method required

Laboratory used

TO-15TEST AMERICA

**O'BRIEN & GERE****Multiple Vapor Intrusion Sampling Form**Project # 47376Date 3/28/13Project Name FIN TOOLCollector EMA**Structure Location**1-5 HOLLAND AVE**Sample Locations**EAST BUILDINGPID/FID meter ID 14402Sample Duration (Intended) 8 hr

Indoor Air Sample	Sub-structure Sample	Circle Sample Type: Indoor Air SS-DUP <u>Ambient</u> IA-DUP
Sample ID <u>1-IA4-032813</u>	Sample ID _____	Sample ID <u>1-AA1-032813</u>
Canister ID <u>4371</u>	Canister ID _____	Canister ID <u>2878</u>
Flow Controller ID <u>3613</u>	Flow Controller ID _____	Flow Controller ID <u>2665</u>
Date/Time start <u>3/28/13 0729</u>	Date/Time start _____	Date/Time start <u>3/28/13 729</u>
Date/Time end <u>3/28/13 1300</u>	Date/Time end _____	Date/Time end <u>3/28/13 1500</u>
Gauge prior to start <u>0</u>	Gauge prior to start _____	Gauge prior to start <u>0</u>
Start vacuum <u>29.60</u>	Start vacuum _____	Start vacuum <u>29.63</u>
End vacuum <u>0.04</u>	End vacuum _____	End vacuum <u>6.68</u>
Complete all that apply:	Complete all that apply:	Complete all that apply:
Air temperature (°F) <u>~62°</u>	Air temperature (°F) _____	Air temperature (°F) <u>~35</u>
PID/FID reading _____	PID/FID reading _____	PID/FID reading _____
in. tubing used <u>NA</u>	in. tubing used _____	in. tubing used <u>~36"</u>
Tubing purged? <u>NA</u>	Tubing purged? _____	Tubing purged? <u>YES</u>
For indoor location:	For indoor location:	For outdoor location:
Noticeable odor <u>No</u>	Noticeable odor _____	Noticeable odor <u>No</u>
Intake height above floor (in) <u>~40"</u>	Floor slab depth _____	Distance to road (ft) <u>~10'</u>
Floor surface type <u>CONCRETE</u>	Intake depth below floor (in) _____	Direction to closest building (degrees) _____
Room <u>EAST BUILDING</u>	Floor surface type _____	Distance to closest building (ft) <u>~0.5'</u>
Story/level <u>LOWEST</u>	Room _____	Intake height above ground level (in) <u>~5'</u>
Story/level _____	Story/level _____	

Building Survey and Chemical Inventory Form Completed?

YES

Photographs Taken?

YESComments: NO CHEMICALS LOCATED IN THIS BUILDING

Analytical method required

Laboratory used

10-15
TEST AMERICA

INSTRUMENT CALIBRATION REPORT



Pine Environmental Services, LLC.

405 Cambridge Ave
Syracuse, NY 13208
Toll-free: (877) 903-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 14402
Description ppb Rae 3000
Calibrated 3/22/2013 2:47:56PM

Manufacturer	Rae Systems	State Certified	
Model Number	PGM-7340	Status	Pass
Serial Number/ Lot Number	594-900836	Temp °C	24
Location	New York	Humidity %	23
Department			

Calibration Specifications

Group # 1
Group Name Isobutylene
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val/ In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
10.00 / 10.00	PPM	10.00	PPM	10.00	10.00	0.00%	Pass

Test Instruments Used During the Calibration

(As Of Cal Entry Date)

<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Expiration Date</u>
NY ISO 10 LTF090-MD-C M	NY ISO 10ppm	Spec Air	GP11007	LTF090-MD-C M	6/30/2013

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Joe Filippi

All instruments are calibrated by Pine Environmental Services, LLC. according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services, LLC. of any defect within 24 hours of receipt of equipment
Please call 866-960-7463 for Technical Assistance

Photographic Log

PHOTOGRAPHIC LOG

SITE NAME: 1-5 Holland Ave.		SITE LOCATION: White Plains, NY	PROJECT NO. 47376
PHOTO NO. 1	DATE: 03/28/13		
DESCRIPTION 1-IA1-032813 sample location			
AREA ID Center of Building 1			

CLIENT NAME: 1-5 Holland Ave.		SITE LOCATION: White Plains, NY	PROJECT NO. 47376
PHOTO NO. 2	DATE: 03/28/13		
DESCRIPTION 1-IA2-032813 sample location			
AREA ID Stairway into Building 2			

PHOTOGRAPHIC LOG

CLIENT NAME: 1-5 Holland Ave.		SITE LOCATION: White Plains, NY	PROJECT NO. 47376
PHOTO NO. 3	DATE: 3/28/13		
DESCRIPTION 1-IA4-032813 sample location			
AREA ID Center of Building 4			

CLIENT NAME: 1-5 Holland Ave.		SITE LOCATION: White Plains, NY	PROJECT NO. 47376
PHOTO NO. 4	DATE: 03/28/13		
DESCRIPTION Chemical inventory in Building 3			
AREA ID Interior wall on East side of Building 3.			

PHOTOGRAPHIC LOG

CLIENT NAME: 1-5 Holland Ave.		SITE LOCATION: White Plains, NY	PROJECT NO. 47376
PHOTO NO. 5	DATE: 3/28/13		
DESCRIPTION Chemical inventory in Building 3			
AREA ID Interior wall on East side of Building 3.			

CLIENT NAME: 1-5 Holland Ave.		SITE LOCATION: White Plains, NY	PROJECT NO. 47376
PHOTO NO. 6	DATE: 03/28/13		
DESCRIPTION Equipment storage in Building 3			
AREA ID Interior wall on South side of Building 3.			

Laboratory Data

ANALYTICAL REPORT

Job Number: 200-15795-1

SDG Number: 200-15795

Job Description: Fein Tool

For:
O'Brien & Gere Inc of North America
22 Saw Mill River Road
1st Floor
Hawthorne, NY 10532
Attention: Mr. Mark A Randazzo



Approved for release.
James W Madison
Project Manager I
4/25/2013 1:10 PM

Designee for
Don C Dawicki
Customer Service Manager
don.dawicki@testamericainc.com
04/25/2013

cc: Ms. Karen Storne

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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CASE NARRATIVE

Client: O'Brien & Gere Inc of North America

Project: Fein Tool

Report Number: 200-15795-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/30/2013; the samples arrived in good condition.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples 1-IA1-032813, 1-IA2-032813, 1-IA3-032813, 1-IA4-032813 and 1-AA1-032813 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 04/23/2013.

Methylene Chloride failed the recovery criteria high for LCS 200-54701/3. 1,3,5-Trimethylbenzene, 4-Ethyltoluene, m-Xylene & p-Xylene and o-Xylene failed the recovery criteria low for LCS 200-54733/5

The initial calibration curve was marginally outside acceptance criteria for o-xylene and 1,1,2,2-tetrachloroethane. The continuing calibration verification (CCV) exceeded control criteria for 1,1,2,2-tetrachloroethane and 4-ethyltoluene. The data have been qualified and reported.

Samples 1-IA1-032813[4X], 1-IA2-032813[4X], 1-IA3-032813[45X], 1-IA4-032813[4X] and 1-AA1-032813[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Low Level VOC analyses.

All other quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1SDG No.: 200-15795Instrument ID: E.i Analysis Batch Number: 54649Lab Sample ID: IC 200-54649/5 Client Sample ID: _____Date Analyzed: 04/21/13 12:57 Lab File ID: efr005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	6.30	Baseline event	wrd	04/22/13 08:28
Methyl tert-butyl ether	7.74	Baseline event	wrd	04/22/13 08:28
1,1-Dichloroethane	8.60	Peak not found by the data system	wrd	04/22/13 08:29
cis-1,2-Dichloroethene	9.56	Baseline event	wrd	04/22/13 08:29
Cyclohexane	10.23	Baseline event	wrd	04/22/13 08:29
1,1,1-Trichloroethane	10.26	Peak not found by the data system	wrd	04/22/13 08:30
2,2,4-Trimethylpentane	10.75	Peak not found by the data system	wrd	04/22/13 08:30
n-Heptane	11.02	Baseline event	wrd	04/22/13 08:30
Trichloroethene	11.75	Peak not found by the data system	wrd	04/22/13 08:31
cis-1,3-Dichloropropene	13.10	Baseline event	wrd	04/22/13 08:31
trans-1,3-Dichloropropene	13.92	Baseline event	wrd	04/22/13 08:31
1,1,2-Trichloroethane	14.17	Peak not found by the data system	wrd	04/22/13 08:31
o-Xylene	16.29	Baseline event	wrd	04/22/13 08:32
Bromoform	16.61	Peak not found by the data system	wrd	04/22/13 08:32

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1SDG No.: 200-15795Instrument ID: E.i Analysis Batch Number: 54649Lab Sample ID: IC 200-54649/6 Client Sample ID: _____Date Analyzed: 04/21/13 13:51 Lab File ID: efr006.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	6.31	Baseline event	wrd	04/22/13 08:33
Methyl tert-butyl ether	7.79	Baseline event	wrd	04/22/13 08:33
n-Hexane	8.18	Baseline event	wrd	04/22/13 08:33
1,1-Dichloroethane	8.61	Not specified	wrd	04/22/13 08:33
cis-1,2-Dichloroethene	9.55	Baseline event	wrd	04/22/13 08:34
Cyclohexane	10.27	Baseline event	wrd	04/22/13 08:34
2,2,4-Trimethylpentane	10.78	Baseline event	wrd	04/22/13 08:35
1,2-Dichloroethane	10.93	Baseline event	wrd	04/22/13 08:35
n-Heptane	11.03	Baseline event	wrd	04/22/13 08:35
1,2-Dichloropropane	12.11	Baseline event	wrd	04/22/13 08:35
cis-1,3-Dichloropropene	13.10	Baseline event	wrd	04/22/13 08:35
1,1,2-Trichloroethane	14.17	Peak not found by the data system	wrd	04/22/13 08:36
o-Xylene	16.29	Baseline event	wrd	04/22/13 08:36

Lab Sample ID: IC 200-54649/7 Client Sample ID: _____Date Analyzed: 04/21/13 14:45 Lab File ID: efr007.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.06	Baseline event	wrd	04/22/13 08:37
1,2-Dichloropropane	12.11	Baseline event	wrd	04/22/13 08:37

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1SDG No.: 200-15795Instrument ID: E.i Analysis Batch Number: 54701Lab Sample ID: 200-15795-2 Client Sample ID: 1-IA2-032813Date Analyzed: 04/23/13 06:09 Lab File ID: efra024.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.31	Analyte misidentified by the data system	wrd	04/23/13 10:13

Lab Sample ID: 200-15795-5 Client Sample ID: 1-AA1-032813Date Analyzed: 04/23/13 08:53 Lab File ID: efra027.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Hexane	8.14	Baseline event	wrd	04/23/13 10:20

SAMPLE SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-15795-1	1-IA1-032813	Air	03/28/2013 1454	03/30/2013 1100
200-15795-2	1-IA2-032813	Air	03/28/2013 1511	03/30/2013 1100
200-15795-3	1-IA3-032813	Air	03/28/2013 1329	03/30/2013 1100
200-15795-4	1-IA4-032813	Air	03/28/2013 1300	03/30/2013 1100
200-15795-5	1-AA1-032813	Air	03/28/2013 1500	03/30/2013 1100

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-15795-1	1-IA1-032813					
Dichlorodifluoromethane		0.43		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.1		0.20	ug/m3	TO15 LL
1,3-Butadiene		0.085		0.080	ppb v/v	TO15 LL
1,3-Butadiene		0.19		0.18	ug/m3	TO15 LL
Trichlorofluoromethane		0.20		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.1		0.22	ug/m3	TO15 LL
n-Hexane		0.79		0.080	ppb v/v	TO15 LL
n-Hexane		2.8		0.28	ug/m3	TO15 LL
Cyclohexane		0.25		0.040	ppb v/v	TO15 LL
Cyclohexane		0.86		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.062		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.39		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.55		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		2.6		0.19	ug/m3	TO15 LL
Benzene		0.47		0.040	ppb v/v	TO15 LL
Benzene		1.5		0.13	ug/m3	TO15 LL
n-Heptane		0.34		0.040	ppb v/v	TO15 LL
n-Heptane		1.4		0.16	ug/m3	TO15 LL
Toluene		1.8		0.040	ppb v/v	TO15 LL
Toluene		6.8		0.15	ug/m3	TO15 LL
Ethylbenzene		0.41		0.040	ppb v/v	TO15 LL
Ethylbenzene		1.8		0.17	ug/m3	TO15 LL
o-Xylene		0.47		0.040	ppb v/v	TO15 LL
o-Xylene		2.0		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.11		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.56		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.12		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		0.60		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.4		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		5.9		0.35	ug/m3	TO15 LL
Xylenes, Total		1.8		0.040	ppb v/v	TO15 LL
Xylenes, Total		7.9		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-15795-2	1-IA2-032813					
Dichlorodifluoromethane		0.49		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.4		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.24		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.3		0.22	ug/m3	TO15 LL
n-Hexane		0.85		0.080	ppb v/v	TO15 LL
n-Hexane		3.0		0.28	ug/m3	TO15 LL
Chloroform		0.069		0.040	ppb v/v	TO15 LL
Chloroform		0.34		0.20	ug/m3	TO15 LL
Cyclohexane		0.27		0.040	ppb v/v	TO15 LL
Cyclohexane		0.94		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.068		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.43		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.64		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		3.0		0.19	ug/m3	TO15 LL
Benzene		0.45		0.040	ppb v/v	TO15 LL
Benzene		1.4		0.13	ug/m3	TO15 LL
n-Heptane		0.36		0.040	ppb v/v	TO15 LL
n-Heptane		1.5		0.16	ug/m3	TO15 LL
Toluene		1.8		0.040	ppb v/v	TO15 LL
Toluene		6.7		0.15	ug/m3	TO15 LL
Ethylbenzene		0.42		0.040	ppb v/v	TO15 LL
Ethylbenzene		1.8		0.17	ug/m3	TO15 LL
o-Xylene		0.53		0.040	ppb v/v	TO15 LL
o-Xylene		2.3		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.14		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.70		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.14		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		0.71		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.2		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		5.4		0.35	ug/m3	TO15 LL
Xylenes, Total		1.8		0.040	ppb v/v	TO15 LL
Xylenes, Total		7.7		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-15795-3	1-IA3-032813					
Dichlorodifluoromethane		0.55		0.45	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.7		2.2	ug/m3	TO15 LL
1,3-Butadiene		2.8		0.90	ppb v/v	TO15 LL
1,3-Butadiene		6.2		2.0	ug/m3	TO15 LL
Trichlorofluoromethane		0.45		0.45	ppb v/v	TO15 LL
Trichlorofluoromethane		2.5		2.5	ug/m3	TO15 LL
n-Hexane		14		0.90	ppb v/v	TO15 LL
n-Hexane		51		3.2	ug/m3	TO15 LL
Cyclohexane		4.6		0.45	ppb v/v	TO15 LL
Cyclohexane		16		1.5	ug/m3	TO15 LL
2,2,4-Trimethylpentane		9.4		0.45	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		44		2.1	ug/m3	TO15 LL
Benzene		8.8		0.45	ppb v/v	TO15 LL
Benzene		28		1.4	ug/m3	TO15 LL
n-Heptane		5.9		0.45	ppb v/v	TO15 LL
n-Heptane		24		1.8	ug/m3	TO15 LL
Toluene		32		0.45	ppb v/v	TO15 LL
Toluene		120		1.7	ug/m3	TO15 LL
Ethylbenzene		7.1		0.45	ppb v/v	TO15 LL
Ethylbenzene		31		2.0	ug/m3	TO15 LL
o-Xylene		10	*	0.45	ppb v/v	TO15 LL
o-Xylene		44	*	2.0	ug/m3	TO15 LL
4-Ethyltoluene		1.7	*	0.45	ppb v/v	TO15 LL
4-Ethyltoluene		8.2	*	2.2	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		2.2	*	0.90	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		11	*	4.4	ug/m3	TO15 LL
m-Xylene & p-Xylene		25	*	0.90	ppb v/v	TO15 LL
m-Xylene & p-Xylene		110	*	3.9	ug/m3	TO15 LL
Xylenes, Total		35	*	0.45	ppb v/v	TO15 LL
Xylenes, Total		150	*	2.0	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-15795-4	1-IA4-032813					
Dichlorodifluoromethane		0.41		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.0		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.20		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.1		0.22	ug/m3	TO15 LL
n-Hexane		1.3		0.080	ppb v/v	TO15 LL
n-Hexane		4.5		0.28	ug/m3	TO15 LL
Cyclohexane		0.38		0.040	ppb v/v	TO15 LL
Cyclohexane		1.3		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.065		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.41		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.91		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		4.3		0.19	ug/m3	TO15 LL
Benzene		0.47		0.040	ppb v/v	TO15 LL
Benzene		1.5		0.13	ug/m3	TO15 LL
n-Heptane		0.44		0.040	ppb v/v	TO15 LL
n-Heptane		1.8		0.16	ug/m3	TO15 LL
Toluene		2.5		0.040	ppb v/v	TO15 LL
Toluene		9.5		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.045		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.30		0.27	ug/m3	TO15 LL
Ethylbenzene		0.56		0.040	ppb v/v	TO15 LL
Ethylbenzene		2.4		0.17	ug/m3	TO15 LL
o-Xylene		0.71		0.040	ppb v/v	TO15 LL
o-Xylene		3.1		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.19		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.94		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.25		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		1.2		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.7		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		7.6		0.35	ug/m3	TO15 LL
Xylenes, Total		2.4		0.040	ppb v/v	TO15 LL
Xylenes, Total		11		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Sample ID	Client Sample ID			Reporting		
Analyte		Result	Qualifier	Limit	Units	Method
200-15795-5	1-AA1-032813					
Dichlorodifluoromethane		0.46		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.3		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.20		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.1		0.22	ug/m3	TO15 LL
Carbon tetrachloride		0.074		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.47		0.25	ug/m3	TO15 LL
Benzene		0.13		0.040	ppb v/v	TO15 LL
Benzene		0.42		0.13	ug/m3	TO15 LL
Toluene		0.086		0.040	ppb v/v	TO15 LL
Toluene		0.32		0.15	ug/m3	TO15 LL
Xylenes, Total		0.066		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.29		0.17	ug/m3	TO15 LL

METHOD SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	TAL BUR	EPA TO15 LL	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Method	Analyst	Analyst ID
EPA TO15 LL	Desjardins, William R	WRD

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA1-032813

Lab Sample ID: 200-15795-1

Client Matrix: Air

Date Sampled: 03/28/2013 1454

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra023.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0514			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0514			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.43		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.085		0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.20		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U *	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.79		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.25		0.040
Carbon tetrachloride	0.062		0.040
2,2,4-Trimethylpentane	0.55		0.040
Benzene	0.47		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.34		0.040
Trichloroethene	0.040	U	0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.8		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.41		0.040
o-Xylene	0.47		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U ^	0.040
4-Ethyltoluene	0.11		0.040
1,3,5-Trimethylbenzene	0.12		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	1.4		0.080
Xylenes, Total	1.8		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.1		0.20

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA1-032813

Lab Sample ID: 200-15795-1

Date Sampled: 03/28/2013 1454

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra023.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0514			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0514			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.19		0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.1		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U *	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	2.8		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.86		0.14
Carbon tetrachloride	0.39		0.25
2,2,4-Trimethylpentane	2.6		0.19
Benzene	1.5		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.4		0.16
Trichloroethene	0.21	U	0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	6.8		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	1.8		0.17
o-Xylene	2.0		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U ^	0.27
4-Ethyltoluene	0.56		0.20
1,3,5-Trimethylbenzene	0.60		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	5.9		0.35
Xylenes, Total	7.9		0.17

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA2-032813

Lab Sample ID: 200-15795-2

Date Sampled: 03/28/2013 1511

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra024.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0609			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0609			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.49		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.24		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U *	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.85		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.069		0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.27		0.040
Carbon tetrachloride	0.068		0.040
2,2,4-Trimethylpentane	0.64		0.040
Benzene	0.45		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.36		0.040
Trichloroethene	0.040	U	0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.8		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.42		0.040
o-Xylene	0.53		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U ^	0.040
4-Ethyltoluene	0.14		0.040
1,3,5-Trimethylbenzene	0.14		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	1.2		0.080
Xylenes, Total	1.8		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.4		0.20

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA2-032813

Lab Sample ID: 200-15795-2

Date Sampled: 03/28/2013 1511

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra024.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0609			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0609			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.3		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U *	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	3.0		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.34		0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.94		0.14
Carbon tetrachloride	0.43		0.25
2,2,4-Trimethylpentane	3.0		0.19
Benzene	1.4		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.5		0.16
Trichloroethene	0.21	U	0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	6.7		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	1.8		0.17
o-Xylene	2.3		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U ^	0.27
4-Ethyltoluene	0.70		0.20
1,3,5-Trimethylbenzene	0.71		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	5.4		0.35
Xylenes, Total	7.7		0.17

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA3-032813

Lab Sample ID: 200-15795-3

Date Sampled: 03/28/2013 1329

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54733	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efrb007.d
Dilution:	45			Initial Weight/Volume:	100 mL
Analysis Date:	04/23/2013 1643			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 1643			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.55		0.45
1,2-Dichlorotetrafluoroethane	0.45	U	0.45
Vinyl chloride	0.90	U	0.90
1,3-Butadiene	2.8		0.90
Bromomethane	0.90	U	0.90
Chloroethane	0.90	U	0.90
Bromoethene(Vinyl Bromide)	0.90	U	0.90
Trichlorofluoromethane	0.45		0.45
1,1-Dichloroethene	0.45	U	0.45
3-Chloropropene	0.90	U	0.90
Methylene Chloride	4.5	U	4.5
Methyl tert-butyl ether	0.45	U	0.45
trans-1,2-Dichloroethene	0.45	U	0.45
n-Hexane	14		0.90
1,1-Dichloroethane	0.45	U	0.45
cis-1,2-Dichloroethene	0.45	U	0.45
Chloroform	0.45	U	0.45
1,1,1-Trichloroethane	0.45	U	0.45
Cyclohexane	4.6		0.45
Carbon tetrachloride	0.45	U	0.45
2,2,4-Trimethylpentane	9.4		0.45
Benzene	8.8		0.45
1,2-Dichloroethane	0.90	U	0.90
n-Heptane	5.9		0.45
Trichloroethene	0.45	U	0.45
1,2-Dichloropropane	0.90	U	0.90
Bromodichloromethane	0.45	U	0.45
cis-1,3-Dichloropropene	0.45	U	0.45
Toluene	32		0.45
trans-1,3-Dichloropropene	0.45	U	0.45
1,1,2-Trichloroethane	0.45	U	0.45
Tetrachloroethene	0.45	U	0.45
Dibromochloromethane	0.45	U	0.45
1,2-Dibromoethane	0.45	U	0.45
Ethylbenzene	7.1		0.45
o-Xylene	10	*	0.45
Bromoform	0.45	U	0.45
1,1,2,2-Tetrachloroethane	0.45	U ^	0.45
4-Ethyltoluene	1.7	*	0.45
1,3,5-Trimethylbenzene	2.2	*	0.90
1,2-Dichloroethene, Total	0.45	U	0.45
m-Xylene & p-Xylene	25	*	0.90
Xylenes, Total	35	*	0.45

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.7		2.2

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA3-032813

Lab Sample ID: 200-15795-3

Date Sampled: 03/28/2013 1329

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54733	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efrb007.d
Dilution:	45			Initial Weight/Volume:	100 mL
Analysis Date:	04/23/2013 1643			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 1643			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	3.1	U	3.1
Vinyl chloride	2.3	U	2.3
1,3-Butadiene	6.2		2.0
Bromomethane	3.5	U	3.5
Chloroethane	2.4	U	2.4
Bromoethene(Vinyl Bromide)	3.9	U	3.9
Trichlorofluoromethane	2.5		2.5
1,1-Dichloroethene	1.8	U	1.8
3-Chloropropene	2.8	U	2.8
Methylene Chloride	16	U	16
Methyl tert-butyl ether	1.6	U	1.6
trans-1,2-Dichloroethene	1.8	U	1.8
n-Hexane	51		3.2
1,1-Dichloroethane	1.8	U	1.8
cis-1,2-Dichloroethene	1.8	U	1.8
Chloroform	2.2	U	2.2
1,1,1-Trichloroethane	2.5	U	2.5
Cyclohexane	16		1.5
Carbon tetrachloride	2.8	U	2.8
2,2,4-Trimethylpentane	44		2.1
Benzene	28		1.4
1,2-Dichloroethane	3.6	U	3.6
n-Heptane	24		1.8
Trichloroethene	2.4	U	2.4
1,2-Dichloropropane	4.2	U	4.2
Bromodichloromethane	3.0	U	3.0
cis-1,3-Dichloropropene	2.0	U	2.0
Toluene	120		1.7
trans-1,3-Dichloropropene	2.0	U	2.0
1,1,2-Trichloroethane	2.5	U	2.5
Tetrachloroethene	3.1	U	3.1
Dibromochloromethane	3.8	U	3.8
1,2-Dibromoethane	3.5	U	3.5
Ethylbenzene	31		2.0
o-Xylene	44	*	2.0
Bromoform	4.7	U	4.7
1,1,2,2-Tetrachloroethane	3.1	U ^	3.1
4-Ethyltoluene	8.2	*	2.2
1,3,5-Trimethylbenzene	11	*	4.4
1,2-Dichloroethene, Total	1.8	U	1.8
m-Xylene & p-Xylene	110	*	3.9
Xylenes, Total	150	*	2.0

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA4-032813

Lab Sample ID: 200-15795-4

Client Matrix: Air

Date Sampled: 03/28/2013 1300

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra026.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0758			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0758			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.41		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.20		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U *	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	1.3		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.38		0.040
Carbon tetrachloride	0.065		0.040
2,2,4-Trimethylpentane	0.91		0.040
Benzene	0.47		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.44		0.040
Trichloroethene	0.040	U	0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	2.5		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.045		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.56		0.040
o-Xylene	0.71		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U ^	0.040
4-Ethyltoluene	0.19		0.040
1,3,5-Trimethylbenzene	0.25		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	1.7		0.080
Xylenes, Total	2.4		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.0		0.20

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-IA4-032813

Lab Sample ID: 200-15795-4

Date Sampled: 03/28/2013 1300

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra026.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0758			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0758			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.1		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U *	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	4.5		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	1.3		0.14
Carbon tetrachloride	0.41		0.25
2,2,4-Trimethylpentane	4.3		0.19
Benzene	1.5		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.8		0.16
Trichloroethene	0.21	U	0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	9.5		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.30		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	2.4		0.17
o-Xylene	3.1		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U ^	0.27
4-Ethyltoluene	0.94		0.20
1,3,5-Trimethylbenzene	1.2		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	7.6		0.35
Xylenes, Total	11		0.17

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-AA1-032813

Lab Sample ID: 200-15795-5

Date Sampled: 03/28/2013 1500

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra027.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0853			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0853			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.46		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.20		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U *	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.080	U	0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.040	U	0.040
Carbon tetrachloride	0.074		0.040
2,2,4-Trimethylpentane	0.040	U	0.040
Benzene	0.13		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.040	U	0.040
Trichloroethene	0.040	U	0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	0.086		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.040	U	0.040
o-Xylene	0.040	U	0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U ^	0.040
4-Ethyltoluene	0.040	U	0.040
1,3,5-Trimethylbenzene	0.080	U	0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.080	U	0.080
Xylenes, Total	0.066		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.3		0.20

Analytical Data

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Client Sample ID: 1-AA1-032813

Lab Sample ID: 200-15795-5

Date Sampled: 03/28/2013 1500

Client Matrix: Air

Date Received: 03/30/2013 1100

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra027.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0853			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0853			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.1		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U *	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	0.28	U	0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.14	U	0.14
Carbon tetrachloride	0.47		0.25
2,2,4-Trimethylpentane	0.19	U	0.19
Benzene	0.42		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.16	U	0.16
Trichloroethene	0.21	U	0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	0.32		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.17	U	0.17
o-Xylene	0.17	U	0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U ^	0.27
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.39	U	0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	0.35	U	0.35
Xylenes, Total	0.29		0.17

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Method Blank - Batch: 200-54701

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-54701/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/22/2013 1155
 Prep Date: 04/22/2013 1155
 Leach Date: N/A

Analysis Batch: 200-54701
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: E.i
 Lab File ID: efra004.d
 Initial Weight/Volume: 500 mL
 Final Weight/Volume: 500 mL
 Injection Volume: 500 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.010	U	0.010
1,2-Dichlorotetrafluoroethane	0.010	U	0.010
Vinyl chloride	0.020	U	0.020
1,3-Butadiene	0.020	U	0.020
Bromomethane	0.020	U	0.020
Chloroethane	0.020	U	0.020
Bromoethene(Vinyl Bromide)	0.020	U	0.020
Trichlorofluoromethane	0.010	U	0.010
1,1-Dichloroethene	0.010	U	0.010
3-Chloropropene	0.020	U	0.020
Methylene Chloride	0.10	U	0.10
Methyl tert-butyl ether	0.010	U	0.010
trans-1,2-Dichloroethene	0.010	U	0.010
n-Hexane	0.020	U	0.020
1,1-Dichloroethane	0.010	U	0.010
cis-1,2-Dichloroethene	0.010	U	0.010
Chloroform	0.010	U	0.010
1,1,1-Trichloroethane	0.010	U	0.010
Cyclohexane	0.010	U	0.010
Carbon tetrachloride	0.010	U	0.010
2,2,4-Trimethylpentane	0.010	U	0.010
Benzene	0.010	U	0.010
1,2-Dichloroethane	0.020	U	0.020
n-Heptane	0.010	U	0.010
Trichloroethene	0.010	U	0.010
1,2-Dichloropropane	0.020	U	0.020
Bromodichloromethane	0.010	U	0.010
cis-1,3-Dichloropropene	0.010	U	0.010
Toluene	0.010	U	0.010
trans-1,3-Dichloropropene	0.010	U	0.010
1,1,2-Trichloroethane	0.010	U	0.010
Tetrachloroethene	0.010	U	0.010
Dibromochloromethane	0.010	U	0.010
1,2-Dibromoethane	0.010	U	0.010
Ethylbenzene	0.010	U	0.010
o-Xylene	0.010	U	0.010
Bromoform	0.010	U	0.010
1,1,2,2-Tetrachloroethane	0.010	U ^	0.010
4-Ethyltoluene	0.010	U	0.010
1,3,5-Trimethylbenzene	0.020	U	0.020
1,2-Dichloroethene, Total	0.010	U	0.010
m-Xylene & p-Xylene	0.020	U	0.020
Xylenes, Total	0.010	U	0.010

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Method Blank - Batch: 200-54701

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-54701/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/22/2013 1155
 Prep Date: 04/22/2013 1155
 Leach Date: N/A

Analysis Batch: 200-54701
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: E.i
 Lab File ID: efra004.d
 Initial Weight/Volume: 500 mL
 Final Weight/Volume: 500 mL
 Injection Volume: 500 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.049	U	0.049
1,2-Dichlorotetrafluoroethane	0.070	U	0.070
Vinyl chloride	0.051	U	0.051
1,3-Butadiene	0.044	U	0.044
Bromomethane	0.078	U	0.078
Chloroethane	0.053	U	0.053
Bromoethene(Vinyl Bromide)	0.087	U	0.087
Trichlorofluoromethane	0.056	U	0.056
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.063	U	0.063
Methylene Chloride	0.35	U	0.35
Methyl tert-butyl ether	0.036	U	0.036
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.070	U	0.070
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.049	U	0.049
1,1,1-Trichloroethane	0.055	U	0.055
Cyclohexane	0.034	U	0.034
Carbon tetrachloride	0.063	U	0.063
2,2,4-Trimethylpentane	0.047	U	0.047
Benzene	0.032	U	0.032
1,2-Dichloroethane	0.081	U	0.081
n-Heptane	0.041	U	0.041
Trichloroethene	0.054	U	0.054
1,2-Dichloropropane	0.092	U	0.092
Bromodichloromethane	0.067	U	0.067
cis-1,3-Dichloropropene	0.045	U	0.045
Toluene	0.038	U	0.038
trans-1,3-Dichloropropene	0.045	U	0.045
1,1,2-Trichloroethane	0.055	U	0.055
Tetrachloroethene	0.068	U	0.068
Dibromochloromethane	0.085	U	0.085
1,2-Dibromoethane	0.077	U	0.077
Ethylbenzene	0.043	U	0.043
o-Xylene	0.043	U	0.043
Bromoform	0.10	U	0.10
1,1,2,2-Tetrachloroethane	0.069	U ^	0.069
4-Ethyltoluene	0.049	U	0.049
1,3,5-Trimethylbenzene	0.098	U	0.098
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.087	U	0.087
Xylenes, Total	0.043	U	0.043

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Control Sample - Batch: 200-54701

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID:	LCS 200-54701/3	Analysis Batch:	200-54701	Instrument ID:	E.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	efra003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/22/2013 1101	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1101			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	0.200	0.194	97	70 - 130	
1,2-Dichlorotetrafluoroethane	0.200	0.217	108	70 - 130	
Vinyl chloride	0.200	0.213	107	70 - 130	
1,3-Butadiene	0.200	0.206	103	70 - 130	
Bromomethane	0.200	0.200	100	70 - 130	
Chloroethane	0.200	0.212	106	70 - 130	
Bromoethene(Vinyl Bromide)	0.200	0.231	116	70 - 130	
Trichlorofluoromethane	0.200	0.210	105	70 - 130	
1,1-Dichloroethene	0.200	0.259	130	70 - 130	
3-Chloropropene	0.200	0.246	123	70 - 130	
Methylene Chloride	0.200	0.284	142	70 - 130	*
Methyl tert-butyl ether	0.200	0.224	112	70 - 130	
trans-1,2-Dichloroethene	0.200	0.234	117	70 - 130	
n-Hexane	0.200	0.213	107	70 - 130	
1,1-Dichloroethane	0.200	0.230	115	70 - 130	
cis-1,2-Dichloroethene	0.200	0.241	120	70 - 130	
Chloroform	0.200	0.219	110	70 - 130	
1,1,1-Trichloroethane	0.200	0.219	109	70 - 130	
Cyclohexane	0.200	0.215	107	70 - 130	
Carbon tetrachloride	0.200	0.207	104	70 - 130	
2,2,4-Trimethylpentane	0.200	0.213	107	70 - 130	
Benzene	0.200	0.223	111	70 - 130	
1,2-Dichloroethane	0.200	0.224	112	70 - 130	
n-Heptane	0.200	0.226	113	70 - 130	
Trichloroethene	0.200	0.228	114	70 - 130	
1,2-Dichloropropane	0.200	0.217	108	70 - 130	
Bromodichloromethane	0.200	0.211	105	70 - 130	
cis-1,3-Dichloropropene	0.200	0.207	103	70 - 130	
Toluene	0.200	0.210	105	70 - 130	
trans-1,3-Dichloropropene	0.200	0.233	116	70 - 130	
1,1,2-Trichloroethane	0.200	0.194	97	70 - 130	
Tetrachloroethene	0.200	0.208	104	70 - 130	
Dibromochloromethane	0.200	0.208	104	70 - 130	
1,2-Dibromoethane	0.200	0.212	106	70 - 130	
Ethylbenzene	0.200	0.194	97	70 - 130	
o-Xylene	0.200	0.197	98	70 - 130	
Bromoform	0.200	0.201	101	70 - 130	
1,1,2,2-Tetrachloroethane	0.200	0.182	91	70 - 130	
4-Ethyltoluene	0.200	0.208	104	70 - 130	
1,3,5-Trimethylbenzene	0.200	0.227	113	70 - 130	
m-Xylene & p-Xylene	0.400	0.359	90	70 - 130	

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Method Blank - Batch: 200-54733

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-54733/6
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/23/2013 1547
 Prep Date: 04/23/2013 1547
 Leach Date: N/A

Analysis Batch: 200-54733
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: E.i
 Lab File ID: efrb006.d
 Initial Weight/Volume: 500 mL
 Final Weight/Volume: 500 mL
 Injection Volume: 500 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.010	U	0.010
1,2-Dichlorotetrafluoroethane	0.010	U	0.010
Vinyl chloride	0.020	U	0.020
1,3-Butadiene	0.020	U	0.020
Bromomethane	0.020	U	0.020
Chloroethane	0.020	U	0.020
Bromoethene(Vinyl Bromide)	0.020	U	0.020
Trichlorofluoromethane	0.010	U	0.010
1,1-Dichloroethene	0.010	U	0.010
3-Chloropropene	0.020	U	0.020
Methylene Chloride	0.10	U	0.10
Methyl tert-butyl ether	0.010	U	0.010
trans-1,2-Dichloroethene	0.010	U	0.010
n-Hexane	0.020	U	0.020
1,1-Dichloroethane	0.010	U	0.010
cis-1,2-Dichloroethene	0.010	U	0.010
Chloroform	0.010	U	0.010
1,1,1-Trichloroethane	0.010	U	0.010
Cyclohexane	0.010	U	0.010
Carbon tetrachloride	0.010	U	0.010
2,2,4-Trimethylpentane	0.010	U	0.010
Benzene	0.010	U	0.010
1,2-Dichloroethane	0.020	U	0.020
n-Heptane	0.010	U	0.010
Trichloroethene	0.010	U	0.010
1,2-Dichloropropane	0.020	U	0.020
Bromodichloromethane	0.010	U	0.010
cis-1,3-Dichloropropene	0.010	U	0.010
Toluene	0.010	U	0.010
trans-1,3-Dichloropropene	0.010	U	0.010
1,1,2-Trichloroethane	0.010	U	0.010
Tetrachloroethene	0.010	U	0.010
Dibromochloromethane	0.010	U	0.010
1,2-Dibromoethane	0.010	U	0.010
Ethylbenzene	0.010	U	0.010
o-Xylene	0.010	U	0.010
Bromoform	0.010	U	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010
4-Ethyltoluene	0.010	U	0.010
1,3,5-Trimethylbenzene	0.020	U	0.020
1,2-Dichloroethene, Total	0.010	U	0.010
m-Xylene & p-Xylene	0.020	U	0.020
Xylenes, Total	0.010	U	0.010

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Method Blank - Batch: 200-54733

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-54733/6
Client Matrix: Air
Dilution: 1.0
Analysis Date: 04/23/2013 1547
Prep Date: 04/23/2013 1547
Leach Date: N/A

Analysis Batch: 200-54733
Prep Batch: N/A
Leach Batch: N/A
Units: ug/m3

Instrument ID: E.i
Lab File ID: efrb006.d
Initial Weight/Volume: 500 mL
Final Weight/Volume: 500 mL
Injection Volume: 500 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.049	U	0.049
1,2-Dichlorotetrafluoroethane	0.070	U	0.070
Vinyl chloride	0.051	U	0.051
1,3-Butadiene	0.044	U	0.044
Bromomethane	0.078	U	0.078
Chloroethane	0.053	U	0.053
Bromoethene(Vinyl Bromide)	0.087	U	0.087
Trichlorofluoromethane	0.056	U	0.056
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.063	U	0.063
Methylene Chloride	0.35	U	0.35
Methyl tert-butyl ether	0.036	U	0.036
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.070	U	0.070
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.049	U	0.049
1,1,1-Trichloroethane	0.055	U	0.055
Cyclohexane	0.034	U	0.034
Carbon tetrachloride	0.063	U	0.063
2,2,4-Trimethylpentane	0.047	U	0.047
Benzene	0.032	U	0.032
1,2-Dichloroethane	0.081	U	0.081
n-Heptane	0.041	U	0.041
Trichloroethene	0.054	U	0.054
1,2-Dichloropropane	0.092	U	0.092
Bromodichloromethane	0.067	U	0.067
cis-1,3-Dichloropropene	0.045	U	0.045
Toluene	0.038	U	0.038
trans-1,3-Dichloropropene	0.045	U	0.045
1,1,2-Trichloroethane	0.055	U	0.055
Tetrachloroethene	0.068	U	0.068
Dibromochloromethane	0.085	U	0.085
1,2-Dibromoethane	0.077	U	0.077
Ethylbenzene	0.043	U	0.043
o-Xylene	0.043	U	0.043
Bromoform	0.10	U	0.10
1,1,2,2-Tetrachloroethane	0.069	U	0.069
4-Ethyltoluene	0.049	U	0.049
1,3,5-Trimethylbenzene	0.098	U	0.098
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.087	U	0.087
Xylenes, Total	0.043	U	0.043

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Control Sample - Batch: 200-54733

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID:	LCS 200-54733/5	Analysis Batch:	200-54733	Instrument ID:	E.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	efrb005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	04/23/2013 1452	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 1452			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	0.200	0.216	108	70 - 130	
1,2-Dichlorotetrafluoroethane	0.200	0.237	118	70 - 130	
Vinyl chloride	0.200	0.234	117	70 - 130	
1,3-Butadiene	0.200	0.212	106	70 - 130	
Bromomethane	0.200	0.217	109	70 - 130	
Chloroethane	0.200	0.225	113	70 - 130	
Bromoethene(Vinyl Bromide)	0.200	0.240	120	70 - 130	
Trichlorofluoromethane	0.200	0.233	117	70 - 130	
1,1-Dichloroethene	0.200	0.228	114	70 - 130	
3-Chloropropene	0.200	0.180	90	70 - 130	
Methylene Chloride	0.200	0.251	125	70 - 130	
Methyl tert-butyl ether	0.200	0.174	87	70 - 130	
trans-1,2-Dichloroethene	0.200	0.207	103	70 - 130	
n-Hexane	0.200	0.189	95	70 - 130	
1,1-Dichloroethane	0.200	0.206	103	70 - 130	
cis-1,2-Dichloroethene	0.200	0.196	98	70 - 130	
Chloroform	0.200	0.209	105	70 - 130	
1,1,1-Trichloroethane	0.200	0.217	109	70 - 130	
Cyclohexane	0.200	0.189	94	70 - 130	
Carbon tetrachloride	0.200	0.205	103	70 - 130	
2,2,4-Trimethylpentane	0.200	0.188	94	70 - 130	
Benzene	0.200	0.203	101	70 - 130	
1,2-Dichloroethane	0.200	0.212	106	70 - 130	
n-Heptane	0.200	0.176	88	70 - 130	
Trichloroethene	0.200	0.204	102	70 - 130	
1,2-Dichloropropane	0.200	0.205	103	70 - 130	
Bromodichloromethane	0.200	0.210	105	70 - 130	
cis-1,3-Dichloropropene	0.200	0.177	89	70 - 130	
Toluene	0.200	0.172	86	70 - 130	
trans-1,3-Dichloropropene	0.200	0.190	95	70 - 130	
1,1,2-Trichloroethane	0.200	0.181	90	70 - 130	
Tetrachloroethene	0.200	0.197	98	70 - 130	
Dibromochloromethane	0.200	0.206	103	70 - 130	
1,2-Dibromoethane	0.200	0.200	100	70 - 130	
Ethylbenzene	0.200	0.143	71	70 - 130	
o-Xylene	0.200	0.134	67	70 - 130	*
Bromoform	0.200	0.175	87	70 - 130	
1,1,2,2-Tetrachloroethane	0.200	0.143	71	70 - 130	
4-Ethyltoluene	0.200	0.126	63	70 - 130	*
1,3,5-Trimethylbenzene	0.200	0.135	68	70 - 130	*
m-Xylene & p-Xylene	0.400	0.244	61	70 - 130	*

DATA REPORTING QUALIFIERS

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	^	Instrument related QC exceeds the control limits
	*	Recovery or RPD exceeds control limits

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

Sdg Number: 200-15795

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-54701					
LCS 200-54701/3	Lab Control Sample	T	Air	TO15 LL	
MB 200-54701/4	Method Blank	T	Air	TO15 LL	
200-15795-1	1-IA1-032813	T	Air	TO15 LL	
200-15795-2	1-IA2-032813	T	Air	TO15 LL	
200-15795-4	1-IA4-032813	T	Air	TO15 LL	
200-15795-5	1-AA1-032813	T	Air	TO15 LL	
Analysis Batch:200-54733					
LCS 200-54733/5	Lab Control Sample	T	Air	TO15 LL	
MB 200-54733/6	Method Blank	T	Air	TO15 LL	
200-15795-3	1-IA3-032813	T	Air	TO15 LL	

Report Basis

T = Total

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

SDG: 200-15795

Laboratory Chronicle

Lab ID: 200-15795-1

Client ID: 1-IA1-032813

Sample Date/Time: 03/28/2013 14:54

Received Date/Time: 03/30/2013 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-15795-A-1		200-54701		04/23/2013 05:14	4	TAL BUR	WRD
A:TO15 LL	200-15795-A-1		200-54701		04/23/2013 05:14	4	TAL BUR	WRD

Lab ID: 200-15795-2

Client ID: 1-IA2-032813

Sample Date/Time: 03/28/2013 15:11

Received Date/Time: 03/30/2013 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-15795-A-2		200-54701		04/23/2013 06:09	4	TAL BUR	WRD
A:TO15 LL	200-15795-A-2		200-54701		04/23/2013 06:09	4	TAL BUR	WRD

Lab ID: 200-15795-3

Client ID: 1-IA3-032813

Sample Date/Time: 03/28/2013 13:29

Received Date/Time: 03/30/2013 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-15795-A-3		200-54733		04/23/2013 16:43	45	TAL BUR	WRD
A:TO15 LL	200-15795-A-3		200-54733		04/23/2013 16:43	45	TAL BUR	WRD

Lab ID: 200-15795-4

Client ID: 1-IA4-032813

Sample Date/Time: 03/28/2013 13:00

Received Date/Time: 03/30/2013 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-15795-A-4		200-54701		04/23/2013 07:58	4	TAL BUR	WRD
A:TO15 LL	200-15795-A-4		200-54701		04/23/2013 07:58	4	TAL BUR	WRD

Lab ID: 200-15795-5

Client ID: 1-AA1-032813

Sample Date/Time: 03/28/2013 15:00

Received Date/Time: 03/30/2013 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-15795-A-5		200-54701		04/23/2013 08:53	4	TAL BUR	WRD
A:TO15 LL	200-15795-A-5		200-54701		04/23/2013 08:53	4	TAL BUR	WRD

Quality Control Results

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

SDG: 200-15795

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-54701/4		200-54701		04/22/2013 11:55	1	TAL BUR	WRD
A:TO15 LL	MB 200-54701/4		200-54701		04/22/2013 11:55	1	TAL BUR	WRD
P:Summa Canister	MB 200-54733/6		200-54733		04/23/2013 15:47	1	TAL BUR	WRD
A:TO15 LL	MB 200-54733/6		200-54733		04/23/2013 15:47	1	TAL BUR	WRD

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-54701/3		200-54701		04/22/2013 11:01	1	TAL BUR	WRD
A:TO15 LL	LCS 200-54701/3		200-54701		04/22/2013 11:01	1	TAL BUR	WRD
P:Summa Canister	LCS 200-54733/5		200-54733		04/23/2013 14:52	1	TAL BUR	WRD
A:TO15 LL	LCS 200-54733/5		200-54733		04/23/2013 14:52	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica BurlingtonJob No.: 200-15795-1SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATT15LLCAL1w_00039	07/17/13	04/17/13		15.4 L	ATTO15CAL3w_00105	154 mL	1,1,1-Trichloroethane	0.05 ppb v/v
							1,1,2,2-Tetrachloroethane	0.05 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	0.05 ppb v/v
							1,1,2-Trichloroethane	0.05 ppb v/v
							1,1-Dichloroethane	0.05 ppb v/v
							1,1-Dichloroethene	0.05 ppb v/v
							1,2-Dibromoethane	0.05 ppb v/v
							1,2-Dichloroethane	0.05 ppb v/v
							1,2-Dichloropropane	0.05 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.05 ppb v/v
							1,3,5-Trimethylbenzene	0.05 ppb v/v
							1,3-Butadiene	0.05 ppb v/v
							2,2,4-Trimethylpentane	0.05 ppb v/v
							3-Chloropropene	0.05 ppb v/v
							4-Ethyltoluene	0.05 ppb v/v
							Benzene	0.05 ppb v/v
							Bromodichloromethane	0.05 ppb v/v
							Bromoethene (Vinyl Bromide)	0.05 ppb v/v
							Bromoform	0.05 ppb v/v
							Bromomethane	0.05 ppb v/v
							Carbon tetrachloride	0.05 ppb v/v
							Chloroethane	0.05 ppb v/v
							Chloroform	0.05 ppb v/v
							cis-1,2-Dichloroethene	0.05 ppb v/v
							cis-1,3-Dichloropropene	0.05 ppb v/v
							Cyclohexane	0.05 ppb v/v
							Dibromochloromethane	0.05 ppb v/v
							Dichlorodifluoromethane	0.05 ppb v/v
							Ethylbenzene	0.05 ppb v/v
							m-Xylene & p-Xylene	0.1 ppb v/v
							Methyl tert-butyl ether	0.05 ppb v/v
							n-Heptane	0.05 ppb v/v
							n-Hexane	0.05 ppb v/v
							o-Xylene	0.05 ppb v/v
							Tetrachloroethene	0.05 ppb v/v
							Toluene	0.05 ppb v/v
							trans-1,2-Dichloroethene	0.05 ppb v/v
							trans-1,3-Dichloropropene	0.05 ppb v/v
							Trichloroethene	0.05 ppb v/v
							Trichlorofluoromethane	0.05 ppb v/v
							Vinyl chloride	0.05 ppb v/v
.ATTO15CAL3w_00105	07/17/13	04/17/13	DI WATER, Lot 5418	15.4 L	ATTO15CALs_00009	77 mL	1,1,1-Trichloroethane	5 ppb v/v
							1,1,2,2-Tetrachloroethane	5 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	5 ppb v/v
							1,1,2-Trichloroethane	5 ppb v/v
							1,1-Dichloroethane	5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	5 ppb v/v
							1,2-Dibromoethane	5 ppb v/v
							1,2-Dichloroethane	5 ppb v/v
							1,2-Dichloropropane	5 ppb v/v
							1,2-Dichlorotetrafluoroethane	5 ppb v/v
							1,3,5-Trimethylbenzene	5 ppb v/v
							1,3-Butadiene	5 ppb v/v
							2,2,4-Trimethylpentane	5 ppb v/v
							3-Chloropropene	5 ppb v/v
							4-Ethyltoluene	5 ppb v/v
							Benzene	5 ppb v/v
							Bromodichloromethane	5 ppb v/v
							Bromoethene (Vinyl Bromide)	5 ppb v/v
							Bromoform	5 ppb v/v
							Bromomethane	5 ppb v/v
							Carbon tetrachloride	5 ppb v/v
							Chloroethane	5 ppb v/v
							Chloroform	5 ppb v/v
							cis-1,2-Dichloroethene	5 ppb v/v
							cis-1,3-Dichloropropene	5 ppb v/v
							Cyclohexane	5 ppb v/v
							Dibromochloromethane	5 ppb v/v
							Dichlorodifluoromethane	5 ppb v/v
							Ethylbenzene	5 ppb v/v
							m-Xylene & p-Xylene	10 ppb v/v
							Methyl tert-butyl ether	5 ppb v/v
							n-Heptane	5 ppb v/v
							n-Hexane	5 ppb v/v
							o-Xylene	5 ppb v/v
							Tetrachloroethene	5 ppb v/v
							Toluene	5 ppb v/v
							trans-1,2-Dichloroethene	5 ppb v/v
							trans-1,3-Dichloropropene	5 ppb v/v
							Trichloroethene	5 ppb v/v
							Trichlorofluoromethane	5 ppb v/v
							Vinyl chloride	5 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATT15LLCAL4w_00061	07/17/13	04/17/13		15.4 L	ATTO15CAL3w_00105	1540 mL	1,1,1-Trichloroethane	0.5 ppb v/v
							1,1,2,2-Tetrachloroethane	0.5 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 ppb v/v
							1,1,2-Trichloroethane	0.5 ppb v/v
							1,1-Dichloroethane	0.5 ppb v/v
							1,1-Dichloroethene	0.5 ppb v/v
							1,2-Dibromoethane	0.5 ppb v/v
							1,2-Dichloroethane	0.5 ppb v/v
							1,2-Dichloroethene, Total	1 ppb v/v
							1,2-Dichloropropane	0.5 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.5 ppb v/v
							1,3,5-Trimethylbenzene	0.5 ppb v/v
							1,3-Butadiene	0.5 ppb v/v
							2,2,4-Trimethylpentane	0.5 ppb v/v
							3-Chloropropene	0.5 ppb v/v
							4-Ethyltoluene	0.5 ppb v/v
							Benzene	0.5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	0.5 ppb v/v
							Bromoethene (Vinyl Bromide)	0.5 ppb v/v
							Bromoform	0.5 ppb v/v
							Bromomethane	0.5 ppb v/v
							Carbon tetrachloride	0.5 ppb v/v
							Chloroethane	0.5 ppb v/v
							Chloroform	0.5 ppb v/v
							cis-1,2-Dichloroethene	0.5 ppb v/v
							cis-1,3-Dichloropropene	0.5 ppb v/v
							Cyclohexane	0.5 ppb v/v
							Dibromochloromethane	0.5 ppb v/v
							Dichlorodifluoromethane	0.5 ppb v/v
							Ethylbenzene	0.5 ppb v/v
							m-Xylene & p-Xylene	1 ppb v/v
							Methyl tert-butyl ether	0.5 ppb v/v
							Methylene Chloride	0.5 ppb v/v
							n-Heptane	0.5 ppb v/v
							n-Hexane	0.5 ppb v/v
							o-Xylene	0.5 ppb v/v
							Tetrachloroethene	0.5 ppb v/v
							Toluene	0.5 ppb v/v
							trans-1,2-Dichloroethene	0.5 ppb v/v
							trans-1,3-Dichloropropene	0.5 ppb v/v
							Trichloroethene	0.5 ppb v/v
							Trichlorofluoromethane	0.5 ppb v/v
							Vinyl chloride	0.5 ppb v/v
							Xylenes, Total	1.5 ppb v/v
.ATTO15CAL3w_00105	07/17/13	04/17/13	DI WATER, Lot 5418	15.4 L	ATTO15CALs_00009	77 mL	1,1,1-Trichloroethane	5 ppb v/v
							1,1,2,2-Tetrachloroethane	5 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	5 ppb v/v
							1,1,2-Trichloroethane	5 ppb v/v
							1,1-Dichloroethane	5 ppb v/v
							1,1-Dichloroethene	5 ppb v/v
							1,2-Dibromoethane	5 ppb v/v
							1,2-Dichloroethane	5 ppb v/v
							1,2-Dichloroethene, Total	10 ppb v/v
							1,2-Dichloropropane	5 ppb v/v
							1,2-Dichlorotetrafluoroethane	5 ppb v/v
							1,3,5-Trimethylbenzene	5 ppb v/v
							1,3-Butadiene	5 ppb v/v
							2,2,4-Trimethylpentane	5 ppb v/v
							3-Chloropropene	5 ppb v/v
							4-Ethyltoluene	5 ppb v/v
							Benzene	5 ppb v/v
							Bromodichloromethane	5 ppb v/v
							Bromoethene (Vinyl Bromide)	5 ppb v/v
							Bromoform	5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	5 ppb v/v
							Carbon tetrachloride	5 ppb v/v
							Chloroethane	5 ppb v/v
							Chloroform	5 ppb v/v
							cis-1,2-Dichloroethene	5 ppb v/v
							cis-1,3-Dichloropropene	5 ppb v/v
							Cyclohexane	5 ppb v/v
							Dibromochloromethane	5 ppb v/v
							Dichlorodifluoromethane	5 ppb v/v
							Ethylbenzene	5 ppb v/v
							m-Xylene & p-Xylene	10 ppb v/v
							Methyl tert-butyl ether	5 ppb v/v
							Methylene Chloride	5 ppb v/v
							n-Heptane	5 ppb v/v
							n-Hexane	5 ppb v/v
							o-Xylene	5 ppb v/v
							Tetrachloroethene	5 ppb v/v
							Toluene	5 ppb v/v
							trans-1,2-Dichloroethene	5 ppb v/v
							trans-1,3-Dichloropropene	5 ppb v/v
..ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)		Trichloroethene	5 ppb v/v
							Trichlorofluoromethane	5 ppb v/v
							Vinyl chloride	5 ppb v/v
							Xylenes, Total	15 ppb v/v
							1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylenes, Total	3 ppm v/v
ATT15LLCSw_00085	07/17/13	04/17/13		15.4 L	ATTO15LCSW_00279	1540 mL	1,1,1-Trichloroethane	0.5 ppb v/v
							1,1,2,2-Tetrachloroethane	0.5 ppb v/v
							1,1,2-Trichloroethane	0.5 ppb v/v
							1,1-Dichloroethane	0.5 ppb v/v
							1,1-Dichloroethene	0.5 ppb v/v
							1,2-Dibromoethane	0.5 ppb v/v
							1,2-Dichloroethane	0.5 ppb v/v
							1,2-Dichloroethane, Total	1 ppb v/v
							1,2-Dichloropropane	0.5 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.5 ppb v/v
							1,3,5-Trimethylbenzene	0.5 ppb v/v
							1,3-Butadiene	0.5 ppb v/v
							2,2,4-Trimethylpentane	0.5 ppb v/v
							3-Chloropropene	0.5 ppb v/v
							4-Ethyltoluene	0.5 ppb v/v
							Benzene	0.5 ppb v/v
							Bromodichloromethane	0.5 ppb v/v
							Bromoethene (Vinyl Bromide)	0.5 ppb v/v
							Bromoform	0.5 ppb v/v
							Bromomethane	0.5 ppb v/v
							Carbon tetrachloride	0.5 ppb v/v
							Chloroethane	0.5 ppb v/v
							Chloroform	0.5 ppb v/v
							cis-1,2-Dichloroethene	0.5 ppb v/v
							cis-1,3-Dichloropropene	0.5 ppb v/v
							Cyclohexane	0.5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	0.5 ppb v/v
							Dichlorodifluoromethane	0.5 ppb v/v
							Ethylbenzene	0.5 ppb v/v
							m-Xylene & p-Xylene	1 ppb v/v
							Methyl tert-butyl ether	0.5 ppb v/v
							Methylene Chloride	0.5 ppb v/v
							n-Heptane	0.5 ppb v/v
							n-Hexane	0.5 ppb v/v
							o-Xylene	0.5 ppb v/v
							Tetrachloroethene	0.5 ppb v/v
							Toluene	0.5 ppb v/v
							trans-1,2-Dichloroethene	0.5 ppb v/v
							trans-1,3-Dichloropropene	0.5 ppb v/v
							Trichloroethene	0.5 ppb v/v
							Trichlorofluoromethane	0.5 ppb v/v
							Vinyl chloride	0.5 ppb v/v
							Xylenes, Total	1.5 ppb v/v
.ATTO15LCSW_00279	07/17/13	04/17/13	DI WATER, Lot 5428	15.4 L	ATTO15LCSS_00011	77 mL	1,1,1-Trichloroethane	5 ppb v/v
							1,1,2,2-Tetrachloroethane	5 ppb v/v
							1,1,2-Trichloroethane	5 ppb v/v
							1,1-Dichloroethane	5 ppb v/v
							1,1-Dichloroethene	5 ppb v/v
							1,2-Dibromoethane	5 ppb v/v
							1,2-Dichloroethane	5 ppb v/v
							1,2-Dichloroethene, Total	10 ppb v/v
							1,2-Dichloropropane	5 ppb v/v
							1,2-Dichlorotetrafluoroethane	5 ppb v/v
							1,3,5-Trimethylbenzene	5 ppb v/v
							1,3-Butadiene	5 ppb v/v
							2,2,4-Trimethylpentane	5 ppb v/v
							3-Chloropropene	5 ppb v/v
							4-Ethyltoluene	5 ppb v/v
							Benzene	5 ppb v/v
							Bromodichloromethane	5 ppb v/v
							Bromoethene (Vinyl Bromide)	5 ppb v/v
							Bromoform	5 ppb v/v
							Bromomethane	5 ppb v/v
							Carbon tetrachloride	5 ppb v/v
							Chloroethane	5 ppb v/v
							Chloroform	5 ppb v/v
							cis-1,2-Dichloroethene	5 ppb v/v
							cis-1,3-Dichloropropene	5 ppb v/v
							Cyclohexane	5 ppb v/v
							Dibromochloromethane	5 ppb v/v
							Dichlorodifluoromethane	5 ppb v/v
							Ethylbenzene	5 ppb v/v
							m-Xylene & p-Xylene	10 ppb v/v
							Methyl tert-butyl ether	5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica BurlingtonJob No.: 200-15795-1SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	5 ppb v/v
							n-Heptane	5 ppb v/v
							n-Hexane	5 ppb v/v
							o-Xylene	5 ppb v/v
							Tetrachloroethene	5 ppb v/v
							Toluene	5 ppb v/v
							trans-1,2-Dichloroethene	5 ppb v/v
							trans-1,3-Dichloropropene	5 ppb v/v
							Trichloroethene	5 ppb v/v
							Trichlorofluoromethane	5 ppb v/v
							Vinyl chloride	5 ppb v/v
							Xylenes, Total	15 ppb v/v
..ATTO15LCSS_00011	12/05/13	Spectra Gases, Lot CC-230119			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylenes, Total	3 ppm v/v
ATT15LLCSw_00087	07/17/13	04/17/13		15.4 L	ATTO15LCSW_00279	1540 mL	1,1,1-Trichloroethane	0.5 ppb v/v
							1,1,2,2-Tetrachloroethane	0.5 ppb v/v
							1,1,2-Trichloroethane	0.5 ppb v/v
							1,1-Dichloroethane	0.5 ppb v/v
							1,1-Dichloroethene	0.5 ppb v/v
							1,2-Dibromoethane	0.5 ppb v/v
							1,2-Dichloroethane	0.5 ppb v/v
							1,2-Dichloroethene, Total	1 ppb v/v
							1,2-Dichloropropane	0.5 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.5 ppb v/v
							1,3,5-Trimethylbenzene	0.5 ppb v/v
							1,3-Butadiene	0.5 ppb v/v
							2,2,4-Trimethylpentane	0.5 ppb v/v
							3-Chloropropene	0.5 ppb v/v
							4-Ethyltoluene	0.5 ppb v/v
							Benzene	0.5 ppb v/v
							Bromodichloromethane	0.5 ppb v/v
							Bromoethene (Vinyl Bromide)	0.5 ppb v/v
							Bromoform	0.5 ppb v/v
							Bromomethane	0.5 ppb v/v
							Carbon tetrachloride	0.5 ppb v/v
							Chloroethane	0.5 ppb v/v
							Chloroform	0.5 ppb v/v
							cis-1,2-Dichloroethene	0.5 ppb v/v
							cis-1,3-Dichloropropene	0.5 ppb v/v
							Cyclohexane	0.5 ppb v/v
							Dibromochloromethane	0.5 ppb v/v
							Dichlorodifluoromethane	0.5 ppb v/v
							Ethylbenzene	0.5 ppb v/v
							m-Xylene & p-Xylene	1 ppb v/v
							Methyl tert-butyl ether	0.5 ppb v/v
							Methylene Chloride	0.5 ppb v/v
							n-Heptane	0.5 ppb v/v
							n-Hexane	0.5 ppb v/v
							o-Xylene	0.5 ppb v/v
							Tetrachloroethene	0.5 ppb v/v
							Toluene	0.5 ppb v/v
							trans-1,2-Dichloroethene	0.5 ppb v/v
							trans-1,3-Dichloropropene	0.5 ppb v/v
							Trichloroethene	0.5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	0.5 ppb v/v
							Vinyl chloride	0.5 ppb v/v
							Xylenes, Total	1.5 ppb v/v
.ATTO15LCSW_00279	07/17/13	04/17/13	DI WATER, Lot 5428	15.4 L	ATTO15LCSS_00011	77 mL	1,1,1-Trichloroethane	5 ppb v/v
							1,1,2,2-Tetrachloroethane	5 ppb v/v
							1,1,2-Trichloroethane	5 ppb v/v
							1,1-Dichloroethane	5 ppb v/v
							1,1-Dichloroethene	5 ppb v/v
							1,2-Dibromoethane	5 ppb v/v
							1,2-Dichloroethane	5 ppb v/v
							1,2-Dichloroethene, Total	10 ppb v/v
							1,2-Dichloropropane	5 ppb v/v
							1,2-Dichlorotetrafluoroethane	5 ppb v/v
							1,3,5-Trimethylbenzene	5 ppb v/v
							1,3-Butadiene	5 ppb v/v
							2,2,4-Trimethylpentane	5 ppb v/v
							3-Chloropropene	5 ppb v/v
							4-Ethyltoluene	5 ppb v/v
							Benzene	5 ppb v/v
							Bromodichloromethane	5 ppb v/v
							Bromoethene (Vinyl Bromide)	5 ppb v/v
							Bromoform	5 ppb v/v
							Bromomethane	5 ppb v/v
							Carbon tetrachloride	5 ppb v/v
							Chloroethane	5 ppb v/v
							Chloroform	5 ppb v/v
							cis-1,2-Dichloroethene	5 ppb v/v
							cis-1,3-Dichloropropene	5 ppb v/v
							Cyclohexane	5 ppb v/v
							Dibromochloromethane	5 ppb v/v
							Dichlorodifluoromethane	5 ppb v/v
							Ethylbenzene	5 ppb v/v
							m-Xylene & p-Xylene	10 ppb v/v
							Methyl tert-butyl ether	5 ppb v/v
							Methylene Chloride	5 ppb v/v
							n-Heptane	5 ppb v/v
							n-Hexane	5 ppb v/v
							o-Xylene	5 ppb v/v
							Tetrachloroethene	5 ppb v/v
							Toluene	5 ppb v/v
							trans-1,2-Dichloroethene	5 ppb v/v
							trans-1,3-Dichloropropene	5 ppb v/v
							Trichloroethene	5 ppb v/v
							Trichlorofluoromethane	5 ppb v/v
							Vinyl chloride	5 ppb v/v
							Xylenes, Total	15 ppb v/v
..ATTO15LCSS_00011	12/05/13		Spectra Gases, Lot CC-230119		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylenes, Total	3 ppm v/v
ATTO15CAL3w_00105	07/17/13	04/17/13	DI WATER, Lot 5418	15.4 L	ATTO15CALs_00009	77 mL	1,1,1-Trichloroethane	5 ppb v/v
							1,1,2,2-Tetrachloroethane	5 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	5 ppb v/v
							1,1,2-Trichloroethane	5 ppb v/v
							1,1-Dichloroethane	5 ppb v/v
							1,1-Dichloroethene	5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-15795-1

SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	5 ppb v/v
							1,2-Dichloroethane	5 ppb v/v
							1,2-Dichloropropane	5 ppb v/v
							1,2-Dichlorotetrafluoroethane	5 ppb v/v
							1,3,5-Trimethylbenzene	5 ppb v/v
							1,3-Butadiene	5 ppb v/v
							2,2,4-Trimethylpentane	5 ppb v/v
							3-Chloropropene	5 ppb v/v
							4-Ethyltoluene	5 ppb v/v
							Benzene	5 ppb v/v
							Bromodichloromethane	5 ppb v/v
							Bromoethene(Vinyl Bromide)	5 ppb v/v
							Bromoform	5 ppb v/v
							Bromomethane	5 ppb v/v
							Carbon tetrachloride	5 ppb v/v
							Chloroethane	5 ppb v/v
							Chloroform	5 ppb v/v
							cis-1,2-Dichloroethene	5 ppb v/v
							cis-1,3-Dichloropropene	5 ppb v/v
							Cyclohexane	5 ppb v/v
							Dibromochloromethane	5 ppb v/v
							Dichlorodifluoromethane	5 ppb v/v
							Ethylbenzene	5 ppb v/v
							m-Xylene & p-Xylene	10 ppb v/v
							Methyl tert-butyl ether	5 ppb v/v
							Methylene Chloride	5 ppb v/v
							n-Heptane	5 ppb v/v
							n-Hexane	5 ppb v/v
							o-Xylene	5 ppb v/v
							Tetrachloroethene	5 ppb v/v
Toluene	5 ppb v/v							
trans-1,2-Dichloroethene	5 ppb v/v							
trans-1,3-Dichloropropene	5 ppb v/v							
Trichloroethene	5 ppb v/v							
Trichlorofluoromethane	5 ppb v/v							
Vinyl chloride	5 ppb v/v							
.ATTO15CALs_00009	12/05/13	Spectra Gases, Lot cc-250179			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v	
						1,1,2,2-Tetrachloroethane	1 ppm v/v	
						1,1,2-Trichloro-1,2,2-trifluor oethane	1 ppm v/v	
						1,1,2-Trichloroethane	1 ppm v/v	
						1,1-Dichloroethane	1 ppm v/v	
						1,1-Dichloroethene	1 ppm v/v	
						1,2-Dibromoethane	1 ppm v/v	
						1,2-Dichloroethane	1 ppm v/v	
						1,2-Dichloropropane	1 ppm v/v	
						1,2-Dichlorotetrafluoroethane	1 ppm v/v	
						1,3,5-Trimethylbenzene	1 ppm v/v	

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1SDG No.: 200-15795

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15EISs_00005	11/15/15		Spectra, Lot CC-250117		(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Fein Tool

TestAmerica Job ID: 200-15795-1
SDG: 200-15795

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	2006
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method T015 Low Level

Volatile Organic Compounds - Low
level (GC/MS) by Method TO 15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Matrix: Air Level: Low Lab File ID: efra003.d
Lab ID: LCS 200-54701/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.194	97	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.217	108	70-130	
Vinyl chloride	0.200	0.213	107	70-130	
1,3-Butadiene	0.200	0.206	103	70-130	
Bromomethane	0.200	0.200	100	70-130	
Chloroethane	0.200	0.212	106	70-130	
Bromoethene (Vinyl Bromide)	0.200	0.231	116	70-130	
Trichlorofluoromethane	0.200	0.210	105	70-130	
1,1-Dichloroethene	0.200	0.259	130	70-130	
3-Chloropropene	0.200	0.246	123	70-130	
Methylene Chloride	0.200	0.284	142	70-130	*
Methyl tert-butyl ether	0.200	0.224	112	70-130	
trans-1,2-Dichloroethene	0.200	0.234	117	70-130	
n-Hexane	0.200	0.213	107	70-130	
1,1-Dichloroethane	0.200	0.230	115	70-130	
cis-1,2-Dichloroethene	0.200	0.241	120	70-130	
Chloroform	0.200	0.219	110	70-130	
1,1,1-Trichloroethane	0.200	0.219	109	70-130	
Cyclohexane	0.200	0.215	107	70-130	
Carbon tetrachloride	0.200	0.207	104	70-130	
2,2,4-Trimethylpentane	0.200	0.213	107	70-130	
Benzene	0.200	0.223	111	70-130	
1,2-Dichloroethane	0.200	0.224	112	70-130	
n-Heptane	0.200	0.226	113	70-130	
Trichloroethene	0.200	0.228	114	70-130	
1,2-Dichloropropane	0.200	0.217	108	70-130	
Bromodichloromethane	0.200	0.211	105	70-130	
cis-1,3-Dichloropropene	0.200	0.207	103	70-130	
Toluene	0.200	0.210	105	70-130	
trans-1,3-Dichloropropene	0.200	0.233	116	70-130	
1,1,2-Trichloroethane	0.200	0.194	97	70-130	
Tetrachloroethene	0.200	0.208	104	70-130	
Dibromochloromethane	0.200	0.208	104	70-130	
1,2-Dibromoethane	0.200	0.212	106	70-130	
Ethylbenzene	0.200	0.194	97	70-130	
o-Xylene	0.200	0.197	98	70-130	
Bromoform	0.200	0.201	101	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.182	91	70-130	
4-Ethyltoluene	0.200	0.208	104	70-130	
1,3,5-Trimethylbenzene	0.200	0.227	113	70-130	
m-Xylene & p-Xylene	0.400	0.359	90	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Matrix: Air Level: Low Lab File ID: efrb005.d
Lab ID: LCS 200-54733/5 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.216	108	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.237	118	70-130	
Vinyl chloride	0.200	0.234	117	70-130	
1,3-Butadiene	0.200	0.212	106	70-130	
Bromomethane	0.200	0.217	109	70-130	
Chloroethane	0.200	0.225	113	70-130	
Bromoethene (Vinyl Bromide)	0.200	0.240	120	70-130	
Trichlorofluoromethane	0.200	0.233	117	70-130	
1,1-Dichloroethene	0.200	0.228	114	70-130	
3-Chloropropene	0.200	0.180	90	70-130	
Methylene Chloride	0.200	0.251	125	70-130	
Methyl tert-butyl ether	0.200	0.174	87	70-130	
trans-1,2-Dichloroethene	0.200	0.207	103	70-130	
n-Hexane	0.200	0.189	95	70-130	
1,1-Dichloroethane	0.200	0.206	103	70-130	
cis-1,2-Dichloroethene	0.200	0.196	98	70-130	
Chloroform	0.200	0.209	105	70-130	
1,1,1-Trichloroethane	0.200	0.217	109	70-130	
Cyclohexane	0.200	0.189	94	70-130	
Carbon tetrachloride	0.200	0.205	103	70-130	
2,2,4-Trimethylpentane	0.200	0.188	94	70-130	
Benzene	0.200	0.203	101	70-130	
1,2-Dichloroethane	0.200	0.212	106	70-130	
n-Heptane	0.200	0.176	88	70-130	
Trichloroethene	0.200	0.204	102	70-130	
1,2-Dichloropropane	0.200	0.205	103	70-130	
Bromodichloromethane	0.200	0.210	105	70-130	
cis-1,3-Dichloropropene	0.200	0.177	89	70-130	
Toluene	0.200	0.172	86	70-130	
trans-1,3-Dichloropropene	0.200	0.190	95	70-130	
1,1,2-Trichloroethane	0.200	0.181	90	70-130	
Tetrachloroethene	0.200	0.197	98	70-130	
Dibromochloromethane	0.200	0.206	103	70-130	
1,2-Dibromoethane	0.200	0.200	100	70-130	
Ethylbenzene	0.200	0.143	71	70-130	
o-Xylene	0.200	0.134	67	70-130	*
Bromoform	0.200	0.175	87	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.143	71	70-130	
4-Ethyltoluene	0.200	0.126	63	70-130	*
1,3,5-Trimethylbenzene	0.200	0.135	68	70-130	*
m-Xylene & p-Xylene	0.400	0.244	61	70-130	*

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Lab File ID: efra004.d Lab Sample ID: MB 200-54701/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: E.i Date Analyzed: 04/22/2013 11:55
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-54701/3	efra003.d	04/22/2013 11:01
1-IA1-032813	200-15795-1	efra023.d	04/23/2013 05:14
1-IA2-032813	200-15795-2	efra024.d	04/23/2013 06:09
1-IA4-032813	200-15795-4	efra026.d	04/23/2013 07:58
1-AA1-032813	200-15795-5	efra027.d	04/23/2013 08:53

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Lab File ID: efrb006.d Lab Sample ID: MB 200-54733/6
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: E.i Date Analyzed: 04/23/2013 15:47
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-54733/5	efrb005.d	04/23/2013 14:52
1-IA3-032813	200-15795-3	efrb007.d	04/23/2013 16:43

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Lab File ID: efr001.d BFB Injection Date: 04/21/2013
 Instrument ID: E.i BFB Injection Time: 09:27
 Analysis Batch No.: 54649

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.4
75	30.0 - 66.0% of mass 95	53.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.6) 1
174	50.0 - 120.0% of mass 95	108.5
175	4.0 - 9.0 % of mass 174	7.8 (7.2) 1
176	93.0 - 101.0% of mass 174	107.4 (99.0) 1
177	5.0 - 9.0% of mass 176	7.0 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-54649/5	efr005.d	04/21/2013	12:57
	IC 200-54649/6	efr006.d	04/21/2013	13:51
	IC 200-54649/7	efr007.d	04/21/2013	14:45
	IC 200-54649/8	efr008.d	04/21/2013	15:39
	ICIS 200-54649/9	efr009.d	04/21/2013	16:34
	IC 200-54649/10	efr010.d	04/21/2013	17:28
	IC 200-54649/11	efr011.d	04/21/2013	18:22
	IC 200-54649/12	efr012.d	04/21/2013	19:18
	IC 200-54649/13	efr013.d	04/21/2013	20:13
	IC 200-54649/14	efr014.d	04/21/2013	21:08
	ICV 200-54649/16	efr016.d	04/21/2013	22:57

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Lab File ID: efra001.d BFB Injection Date: 04/22/2013
 Instrument ID: E.i BFB Injection Time: 09:17
 Analysis Batch No.: 54701

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.1
75	30.0 - 66.0% of mass 95	54.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.6) 1
174	50.0 - 120.0% of mass 95	103.2
175	4.0 - 9.0 % of mass 174	7.7 (7.4) 1
176	93.0 - 101.0% of mass 174	101.2 (98.1) 1
177	5.0 - 9.0% of mass 176	6.7 (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:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-54701/2	efra002.d	04/22/2013	10:05
	LCS 200-54701/3	efra003.d	04/22/2013	11:01
	MB 200-54701/4	efra004.d	04/22/2013	11:55
1-IA1-032813	200-15795-1	efra023.d	04/23/2013	05:14
1-IA2-032813	200-15795-2	efra024.d	04/23/2013	06:09
1-IA4-032813	200-15795-4	efra026.d	04/23/2013	07:58
1-AA1-032813	200-15795-5	efra027.d	04/23/2013	08:53

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Lab File ID: efrb001.d BFB Injection Date: 04/23/2013
 Instrument ID: E.i BFB Injection Time: 11:14
 Analysis Batch No.: 54733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.8
75	30.0 - 66.0% of mass 95	55.6
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.7 (0.6) 1
174	50.0 - 120.0% of mass 95	111.1
175	4.0 - 9.0 % of mass 174	7.9 (7.1) 1
176	93.0 - 101.0% of mass 174	108.5 (97.7) 1
177	5.0 - 9.0% of mass 176	7.2 (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:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-54733/4	efrb004.d	04/23/2013	13:58
	LCS 200-54733/5	efrb005.d	04/23/2013	14:52
	MB 200-54733/6	efrb006.d	04/23/2013	15:47
1-IA3-032813	200-15795-3	efrb007.d	04/23/2013	16:43

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Sample No.: ICIS 200-54649/9 Date Analyzed: 04/21/2013 16:34
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): efr009.d Heated Purge: (Y/N) N
Calibration ID: 21172

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		292486	9.93	1248186	11.38	1122470	15.51
UPPER LIMIT		409480	10.26	1747460	11.71	1571458	15.84
LOWER LIMIT		175492	9.60	748912	11.05	673482	15.18
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 200-54649/16		352034	9.93	1560669	11.38	1370067	15.51

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Sample No.: CCVIS 200-54701/2 Date Analyzed: 04/22/2013 10:05
 Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): efra002.d Heated Purge: (Y/N) N
 Calibration ID: 21172

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	282735	9.93	1204872	11.38	1131758	15.51	
UPPER LIMIT	395829	10.26	1686821	11.71	1584461	15.84	
LOWER LIMIT	169641	9.60	722923	11.05	679055	15.18	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-54701/3		288423	9.93	1271711	11.38	1154067	15.51
MB 200-54701/4		301692	9.93	1366936	11.37	938583	15.51
200-15795-1	1-IA1-032813	292984	9.93	1303791	11.38	1173476	15.51
200-15795-2	1-IA2-032813	264457	9.93	1185988	11.38	1066339	15.51
200-15795-4	1-IA4-032813	348014	9.93	1547593	11.38	1351151	15.51
200-15795-5	1-AA1-032813	292007	9.93	1277772	11.38	1121344	15.51

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Sample No.: CCVIS 200-54733/4 Date Analyzed: 04/23/2013 13:58
 Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): efrb004.d Heated Purge: (Y/N) N
 Calibration ID: 21172

		BCM		DFB		CBZ		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		285592	9.93	1257539	11.38	1143466	15.51	
UPPER LIMIT		399829	10.26	1760555	11.71	1600852	15.84	
LOWER LIMIT		171355	9.60	754523	11.05	686080	15.18	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 200-54733/5		238475	9.93	1045922	11.38	900010	15.51	
MB 200-54733/6		263671	9.93	1207415	11.38	817591	15.51	
200-15795-3		1-IA3-032813	251841	9.93	1114345	11.38	971891	15.51

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA1-032813 Lab Sample ID: 200-15795-1
 Matrix: Air Lab File ID: efra023.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 14:54
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 05:14
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.43		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.085		0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.20		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U *	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.79		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.25		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.062		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.55		0.040	0.040
71-43-2	Benzene	78.11	0.47		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.34		0.040	0.040
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.8		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA1-032813 Lab Sample ID: 200-15795-1
 Matrix: Air Lab File ID: efra023.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 14:54
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 05:14
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.41		0.040	0.040
95-47-6	o-Xylene	106.17	0.47		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U ^	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.11		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.12		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	1.4		0.080	0.040
1330-20-7	Xylenes, Total	106.17	1.8		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA1-032813 Lab Sample ID: 200-15795-1
 Matrix: Air Lab File ID: efra023.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 14:54
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 05:14
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.1		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.19		0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.1		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U *	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	2.8		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.86		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.39		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	2.6		0.19	0.19
71-43-2	Benzene	78.11	1.5		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.4		0.16	0.16
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	6.8		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Client Sample ID: 1-IA1-032813 Lab Sample ID: 200-15795-1
Matrix: Air Lab File ID: efra023.d
Analysis Method: TO15 LL Date Collected: 03/28/2013 14:54
Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 05:14
Soil Aliquot Vol: _____ Dilution Factor: 4
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	1.8		0.17	0.17
95-47-6	o-Xylene	106.17	2.0		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U ^	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.56		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.60		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	5.9		0.35	0.17
1330-20-7	Xylenes, Total	106.17	7.9		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15795-1
Client Smp ID: 1-IA1-032813
Inj Date : 23-APR-2013 05:14
Operator : wrd
Smp Info : 200-15795-A-1
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
Meth Date : 24-Apr-2013 08:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 10
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	43611	0.10816	0.43
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.816	3.805	(0.384)	1285	0.02127	0.085
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.100	5.095	(0.514)	22110	0.04887	0.20
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.229	6.213	(0.628)	3523	0.01623	0.065(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.363	7.358	(0.742)	3324	0.04407	0.18(aQ)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

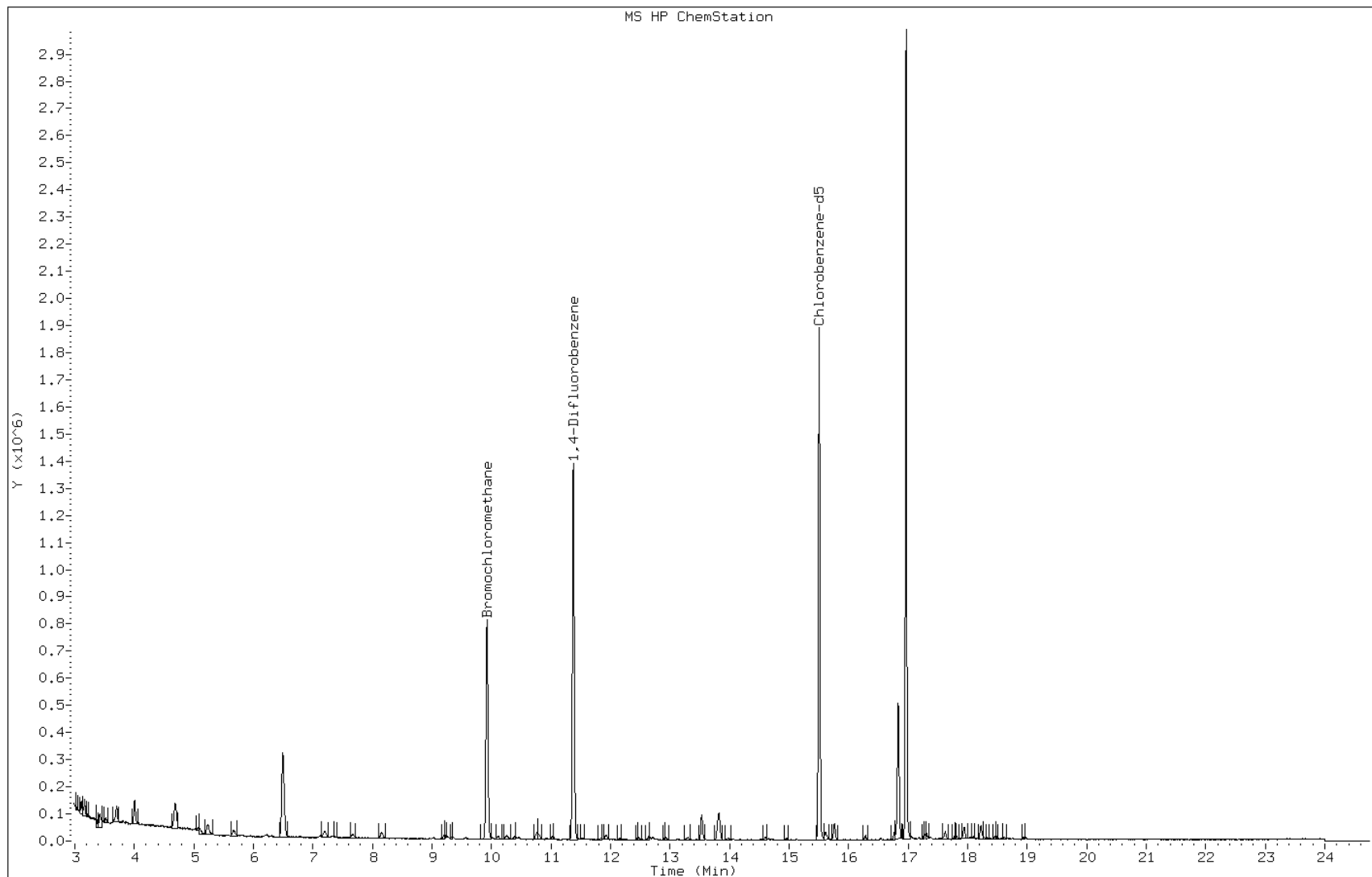
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.160	8.149	(0.822)	9449	0.19771	0.79
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	292984	2.00000	
39 Chloroform	83	10.016	10.011	(1.009)	1657	0.00815	0.033(a)
40 Cyclohexane	84	10.246	10.262	(0.901)	4012	0.06221	0.25(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.466	10.460	(0.920)	6035	0.01549	0.062
43 2,2,4-Trimethylpentane	57	10.760	10.755	(0.946)	19981	0.13675	0.55
44 Benzene	78	10.803	10.803	(0.950)	18795	0.11626	0.46
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.027	11.033	(0.969)	4152	0.08594	0.34
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1303791	2.00000	
49 Trichloroethene	95	Compound Not Detected.					
50 1,2-Dichloropropane	63	Compound Not Detected.					
54 Bromodichloromethane	83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
58 Toluene	92	13.536	13.536	(0.873)	39373	0.44954	1.8
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	Compound Not Detected.					
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1173476	2.00000	
67 Ethylbenzene	91	15.612	15.618	(1.007)	17649	0.10172	0.41
69 Xylene (m,p)	106	15.762	15.762	(1.017)	21902	0.34007	1.4
M 70 Xylene, Total	106				26830	0.45737	1.8
71 Xylene (o)	106	16.281	16.286	(1.050)	4928	0.11730	0.47(Q)
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	2895	0.02862	0.11(Q)
81 1,3,5-Trimethylbenzene	105	17.372	17.378	(1.120)	2326	0.03028	0.12

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: efra023.d
Client ID: 1-IA1-032813
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15795-A-1
Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

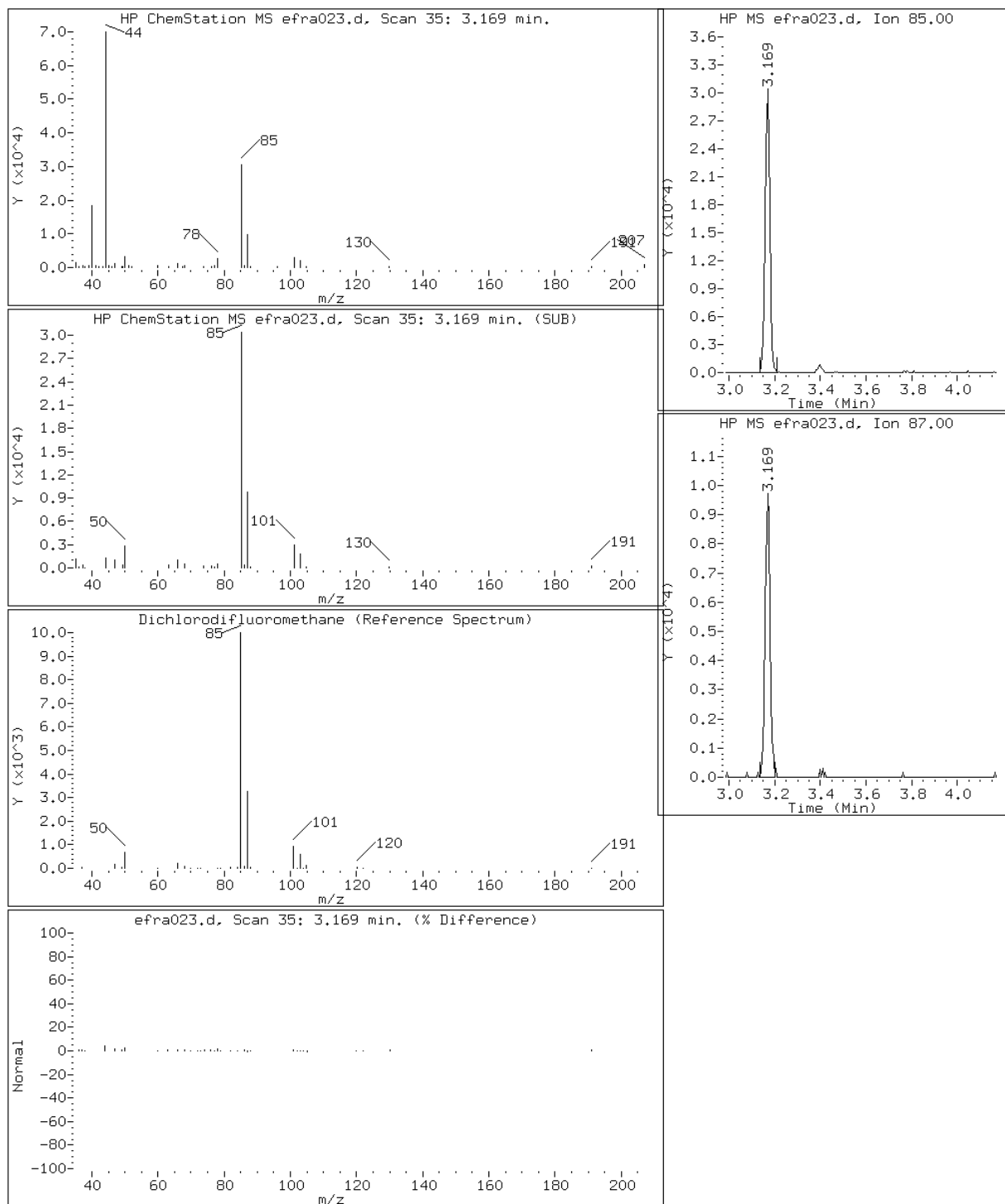
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

2 Dichlorodifluoromethane



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

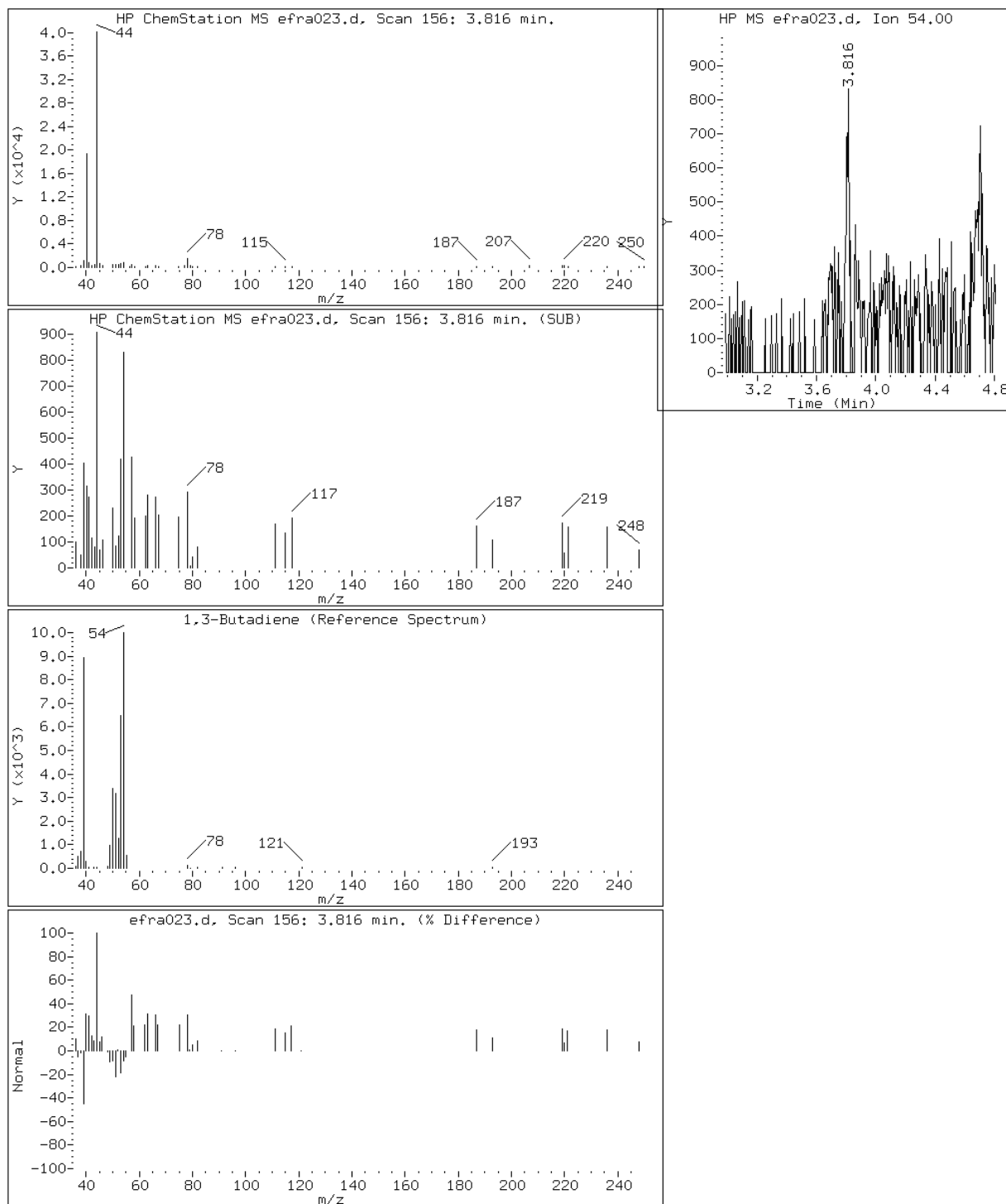
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

8 1,3-Butadiene



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

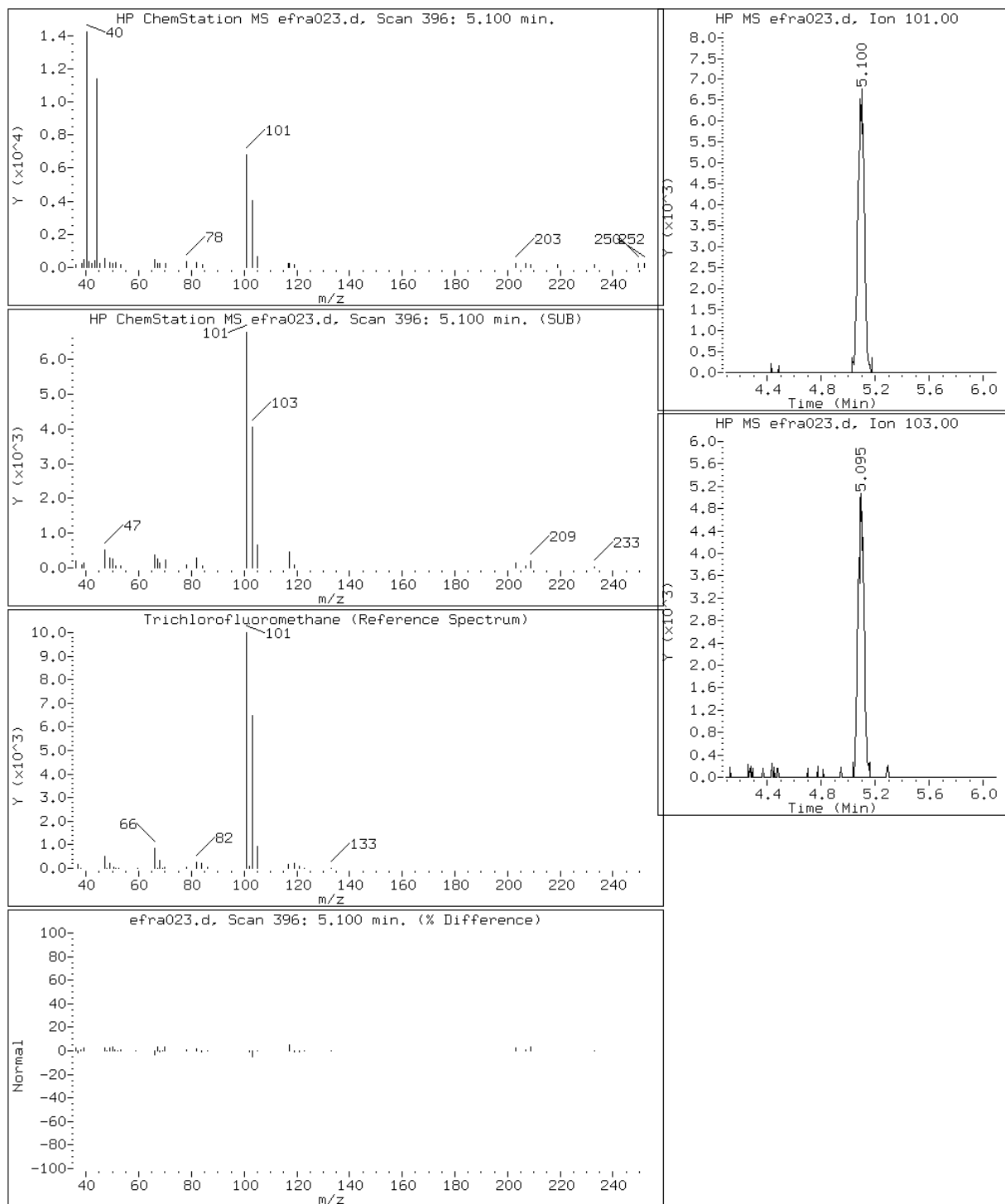
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

13 Trichlorofluoromethane



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

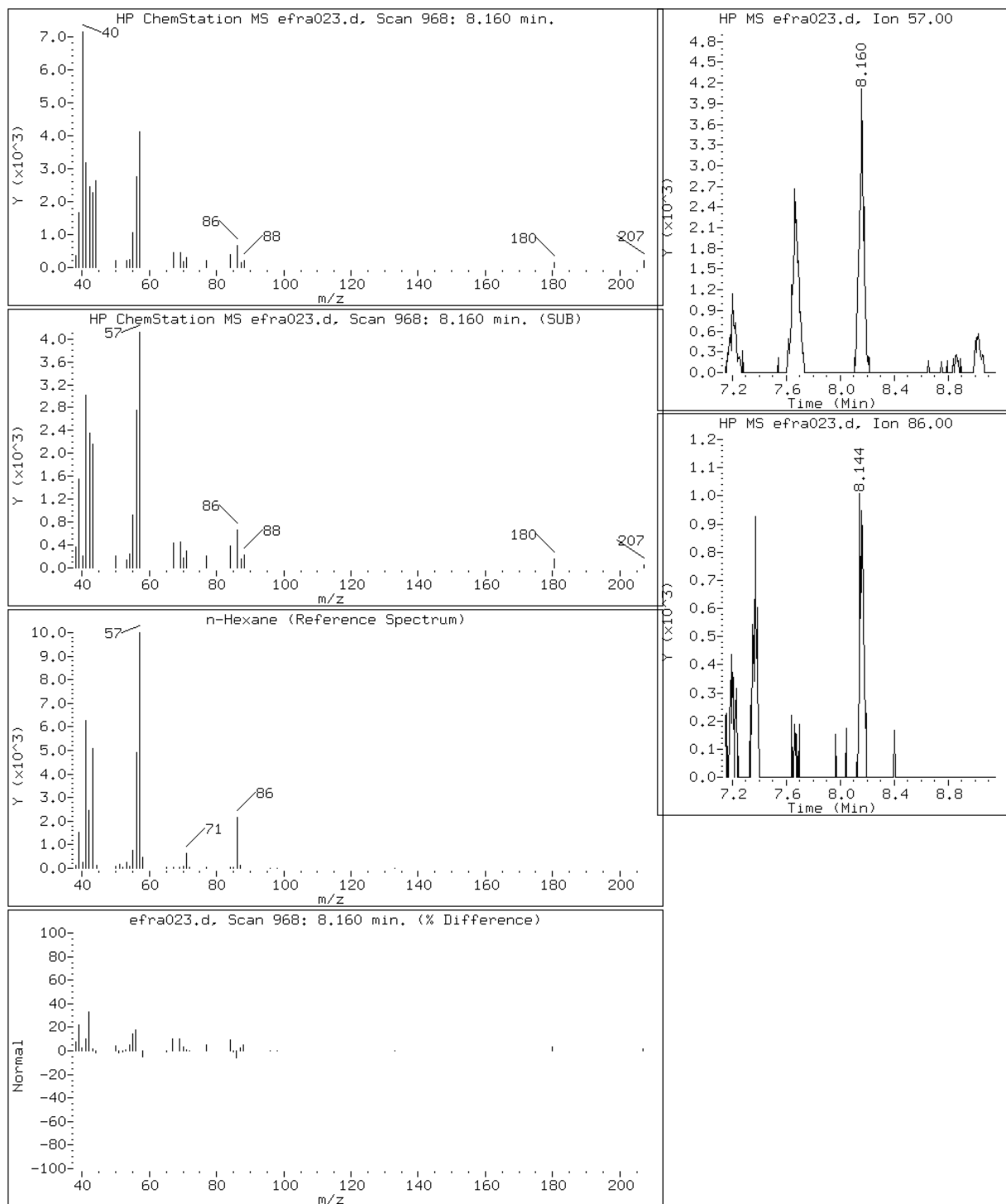
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

30 n-Hexane



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

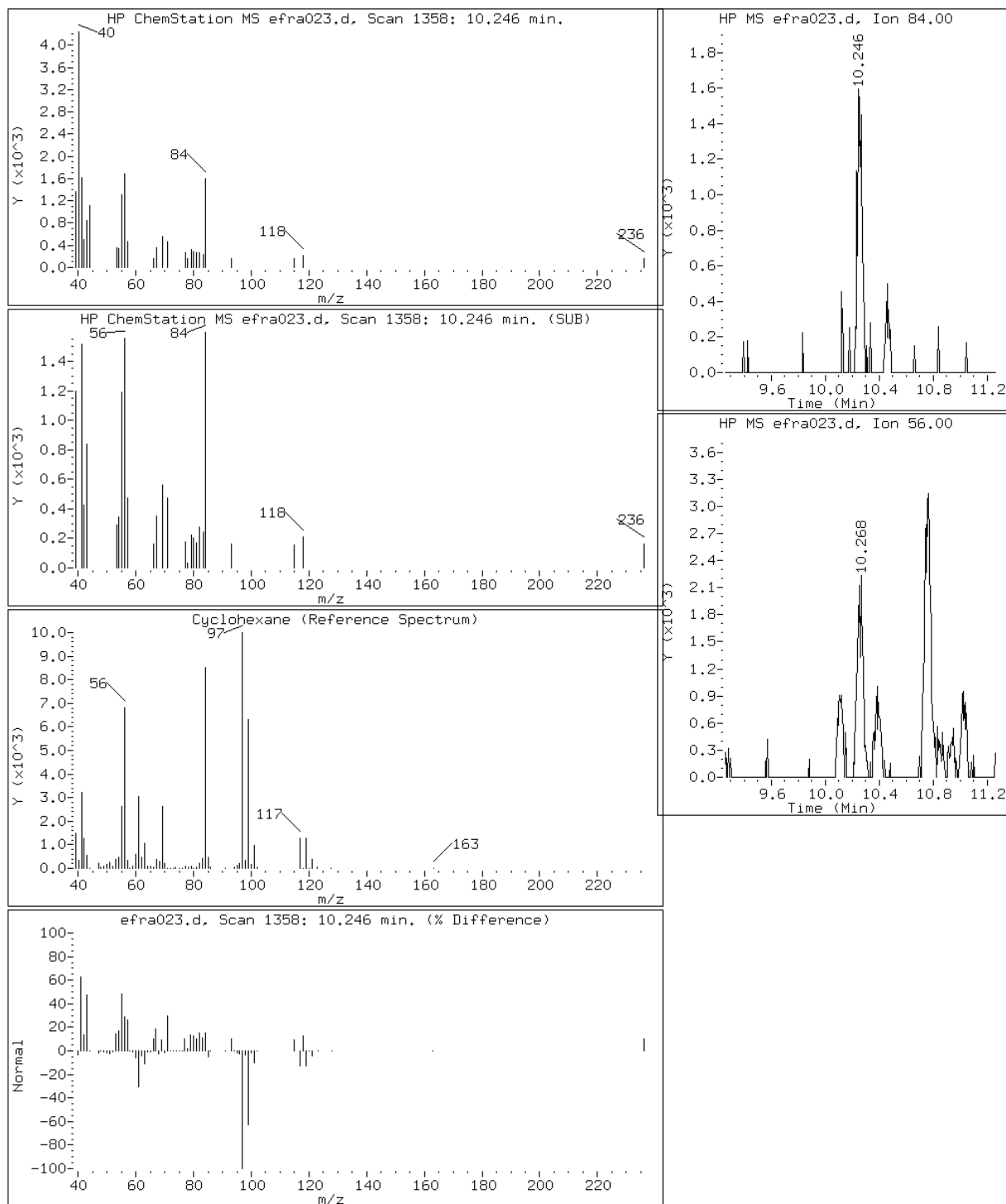
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

40 Cyclohexane



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

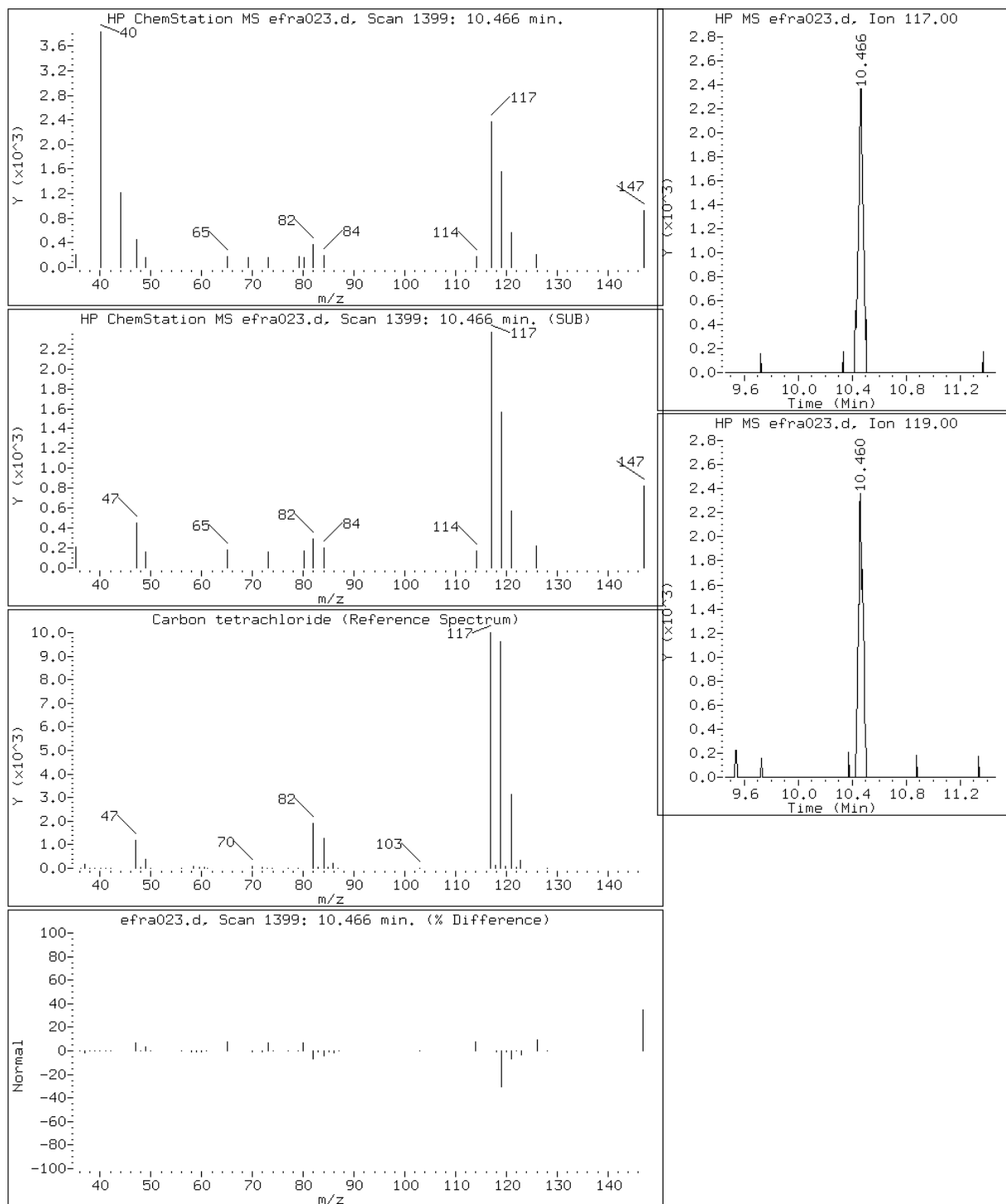
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

42 Carbon tetrachloride



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

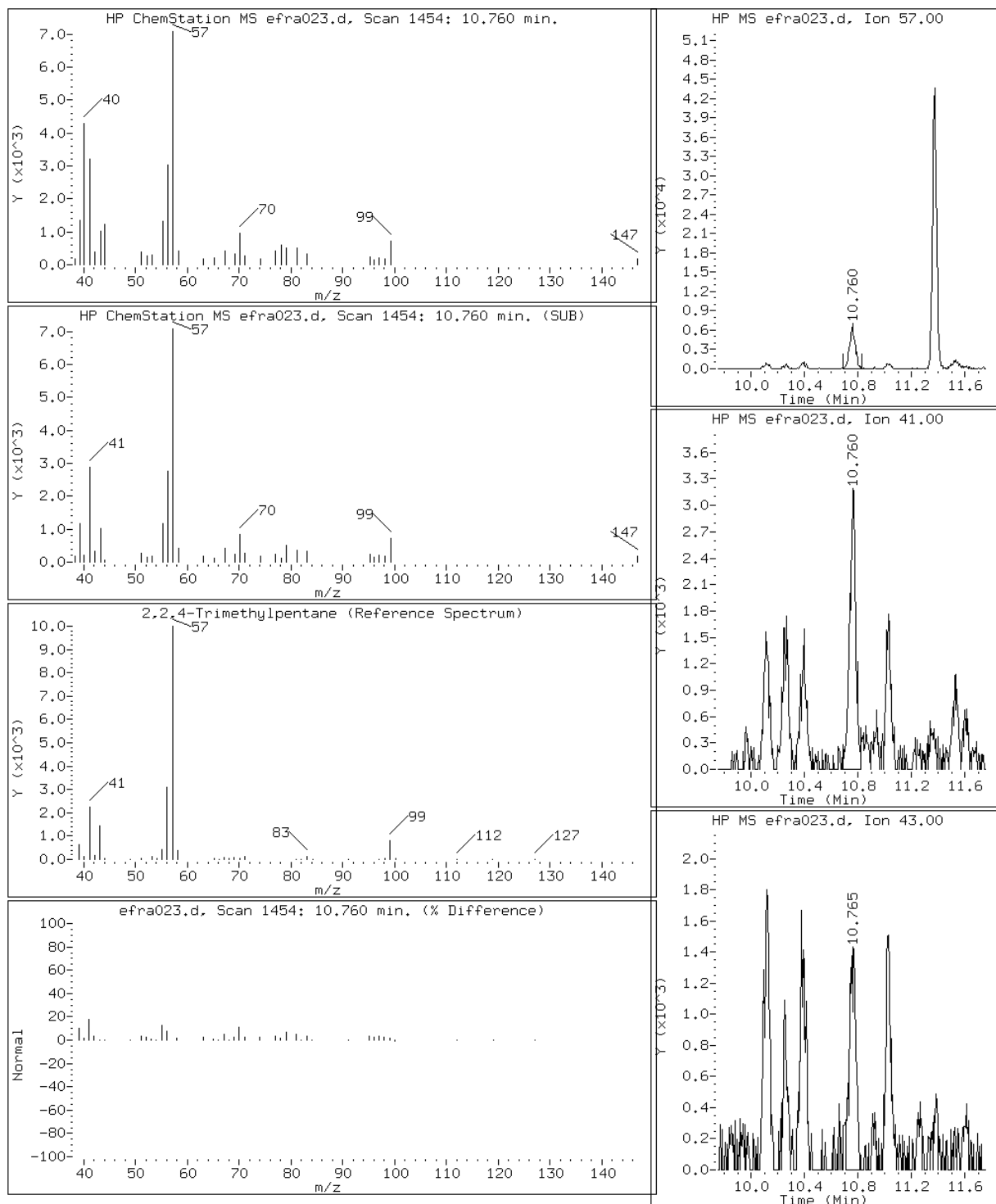
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

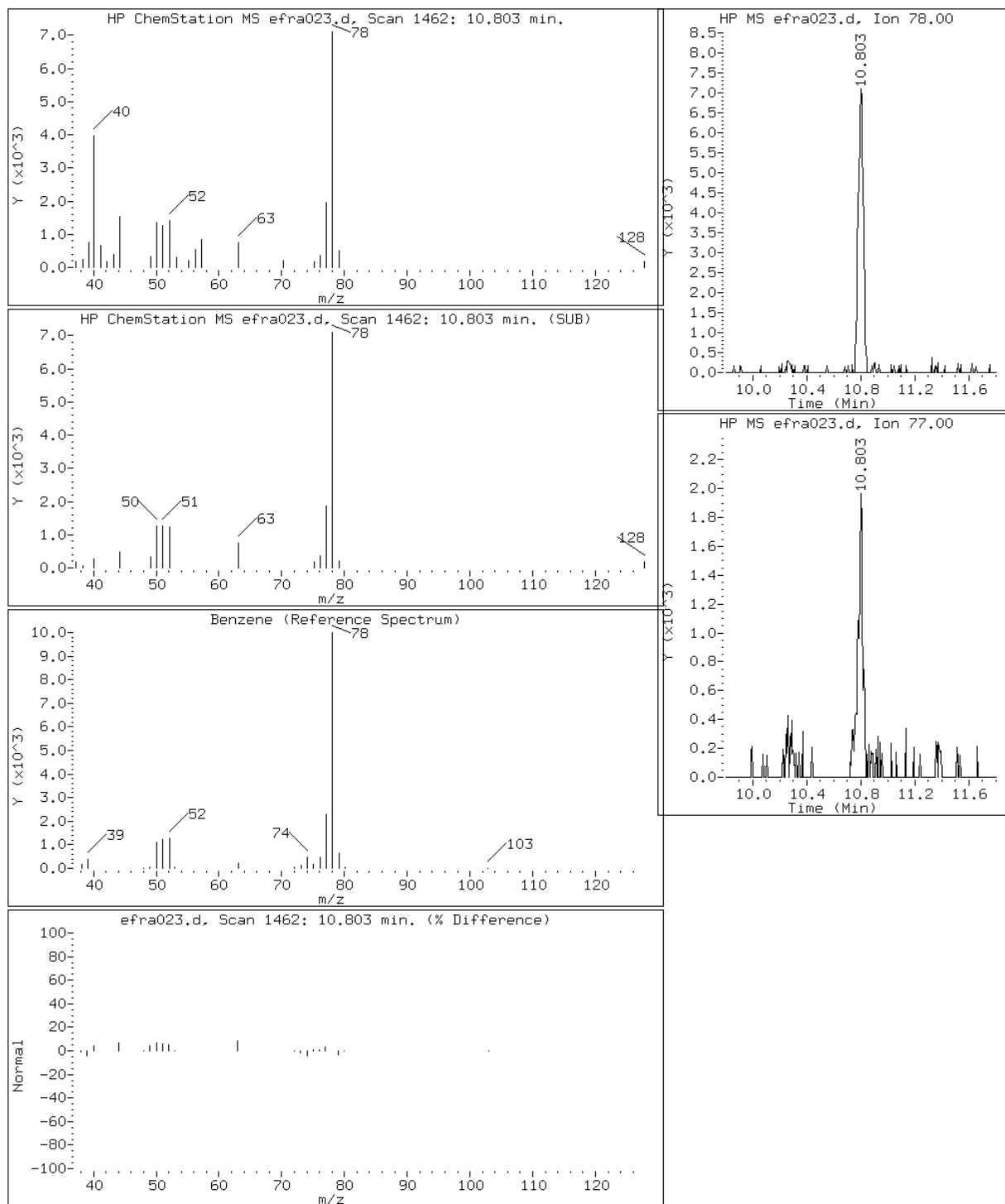
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

44 Benzene



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

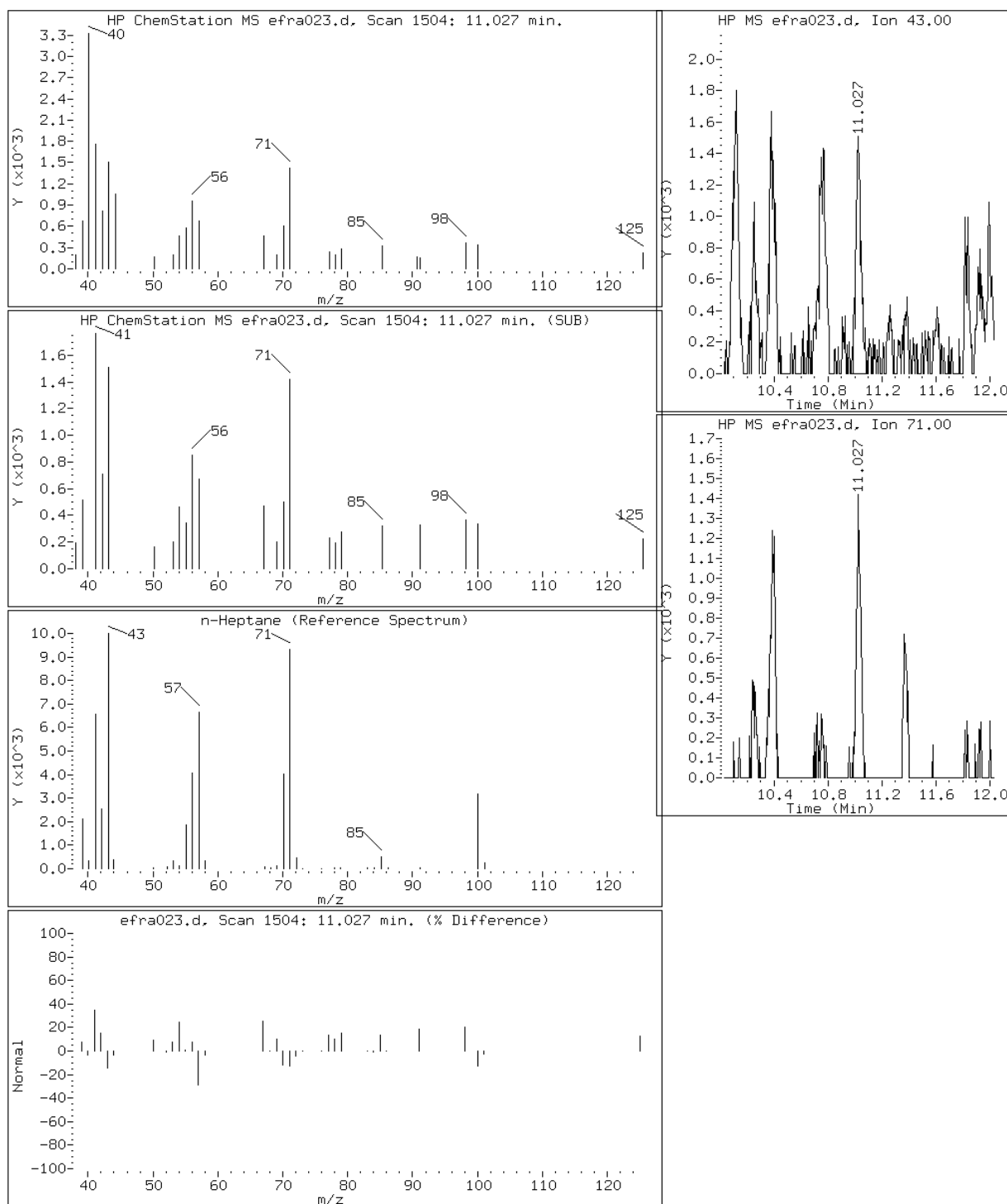
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Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

46 n-Heptane



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

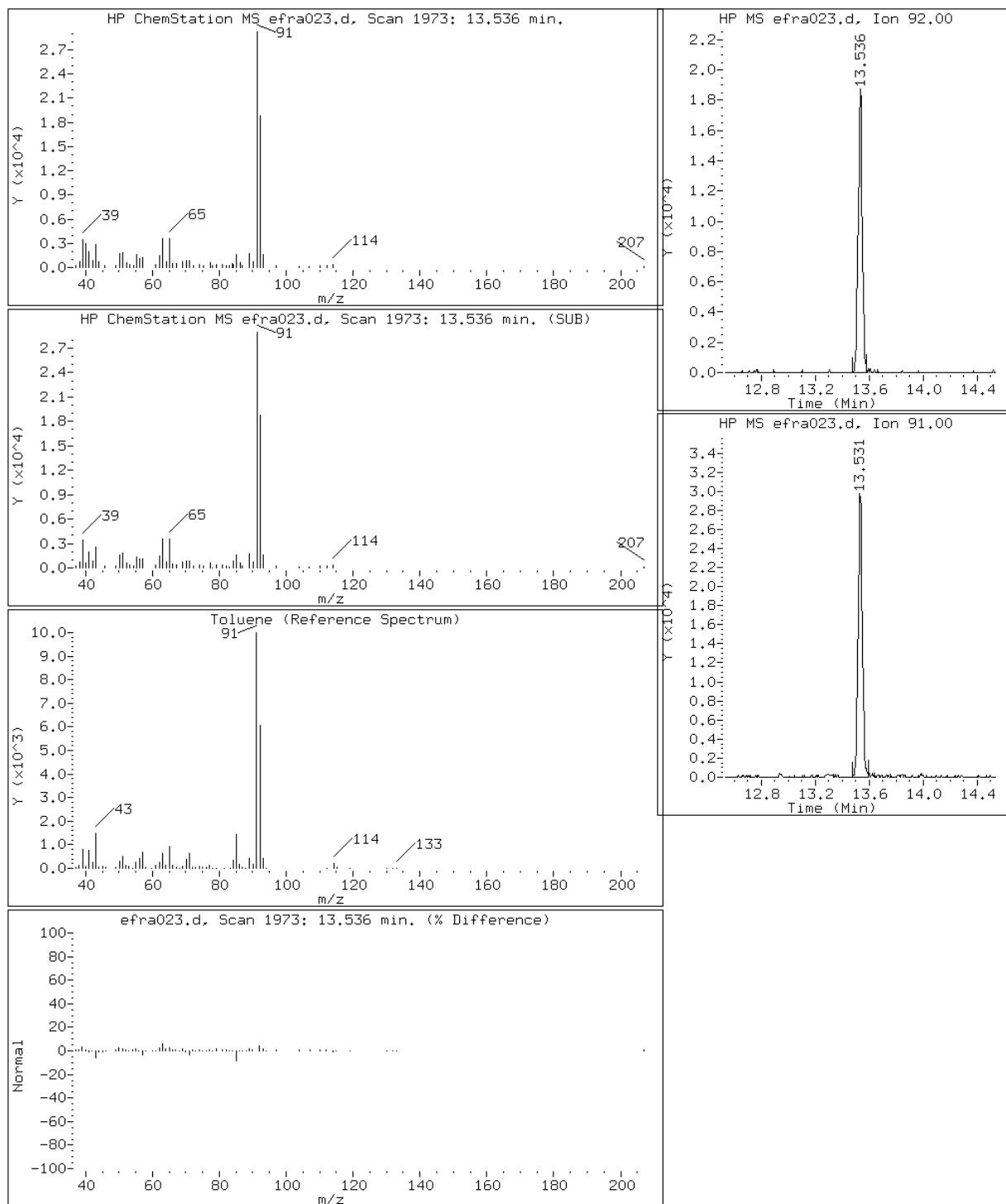
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

58 Toluene



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

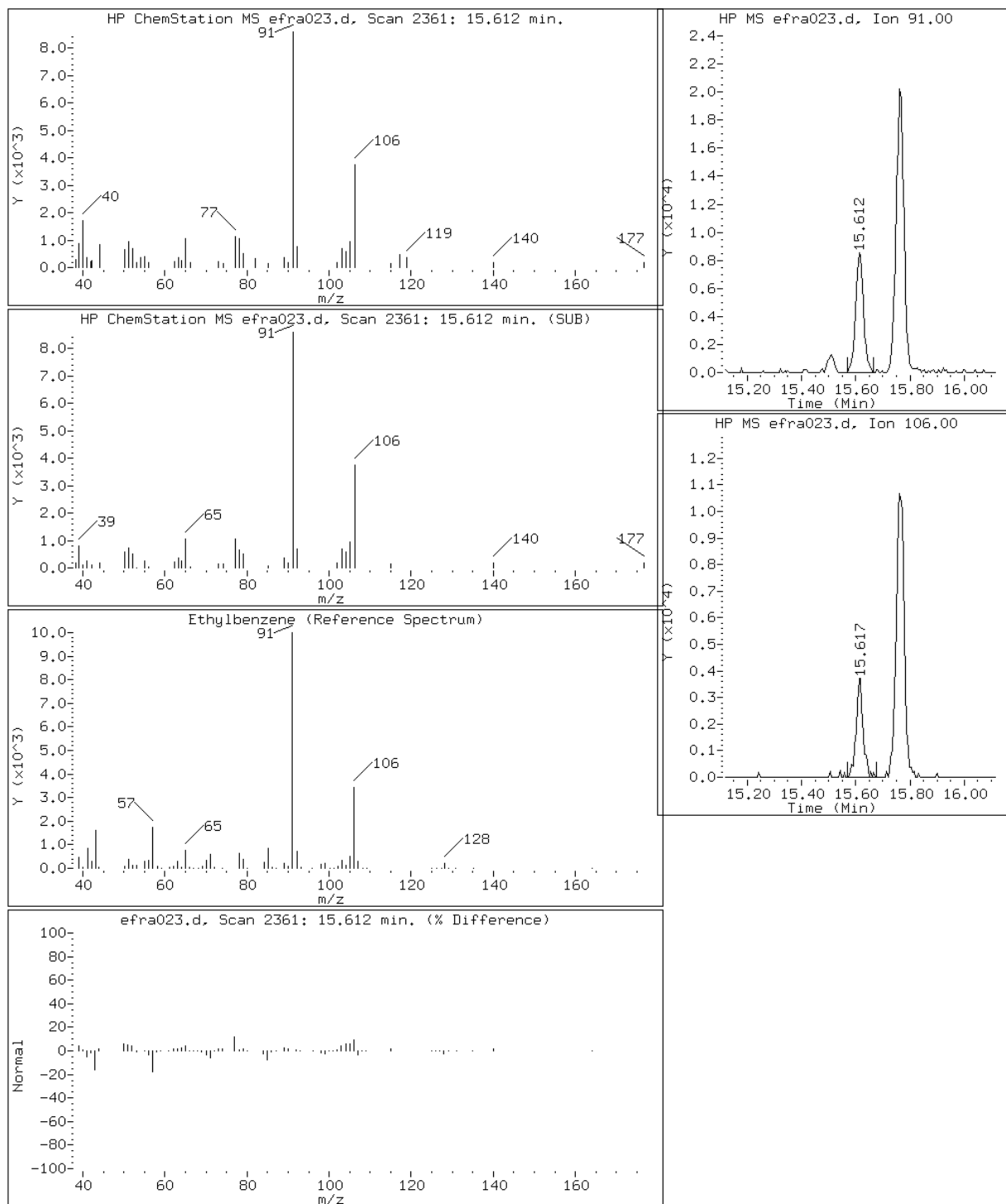
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

67 Ethylbenzene



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

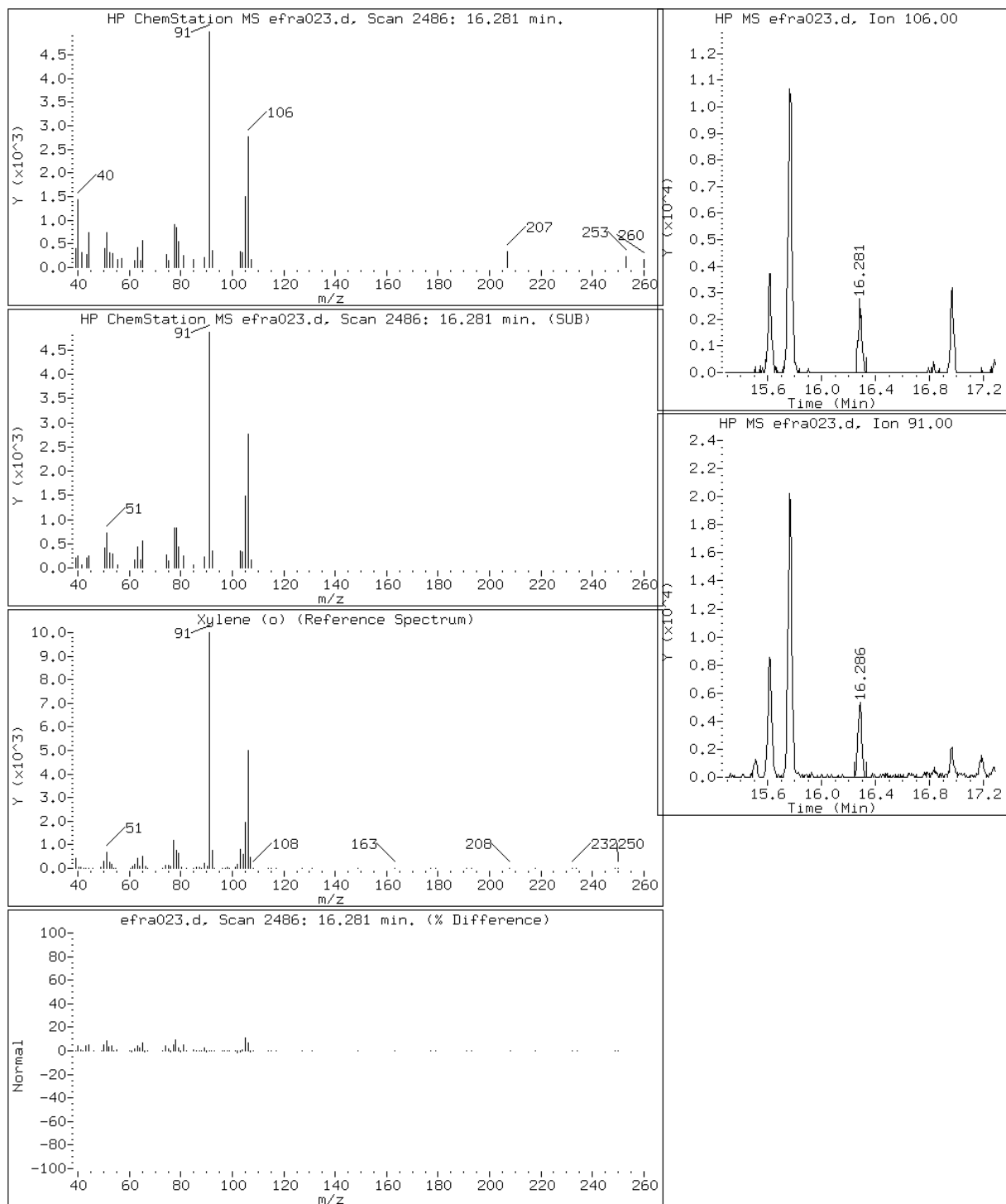
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

71 Xylene (o)



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

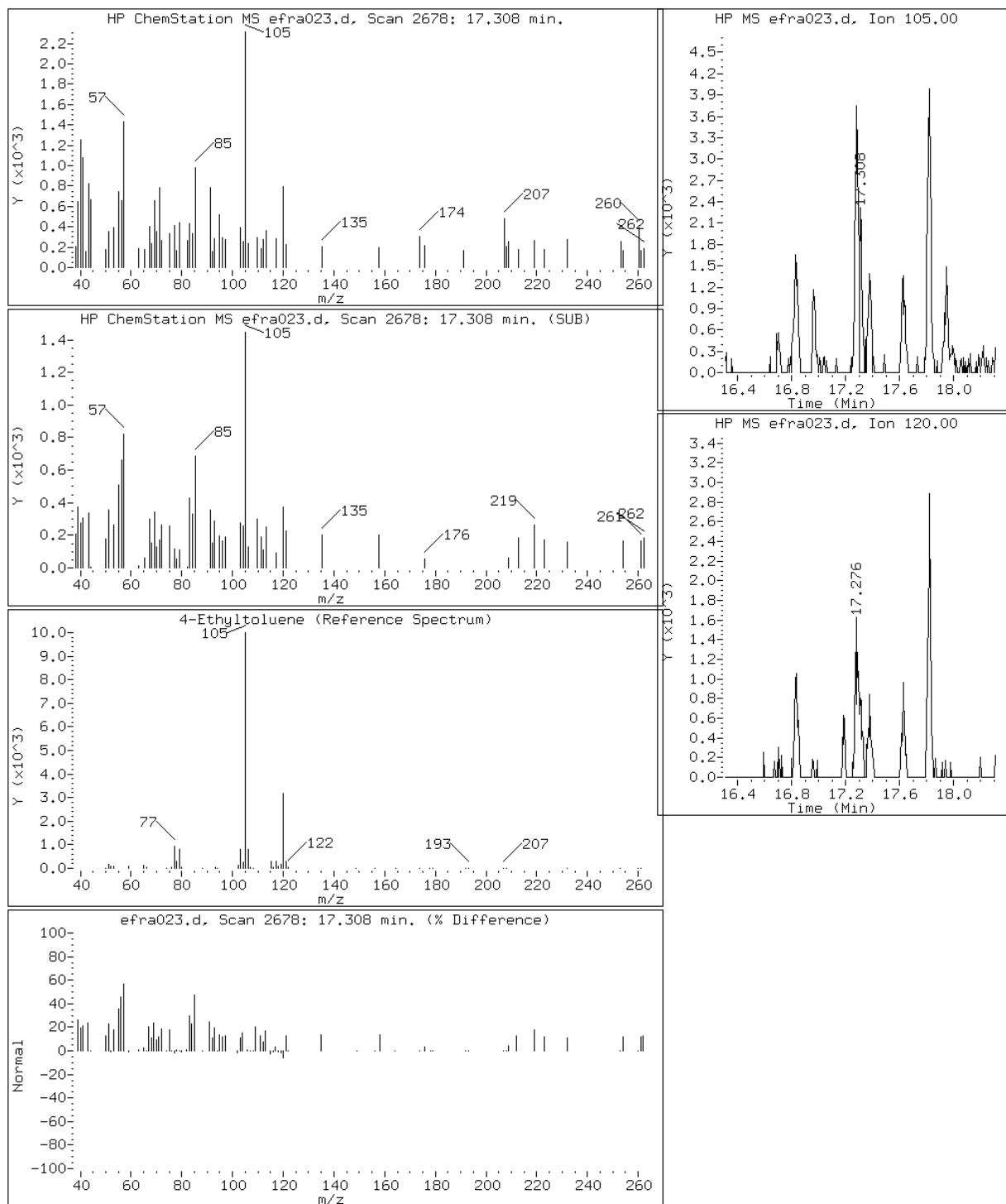
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

79 4-Ethyltoluene



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

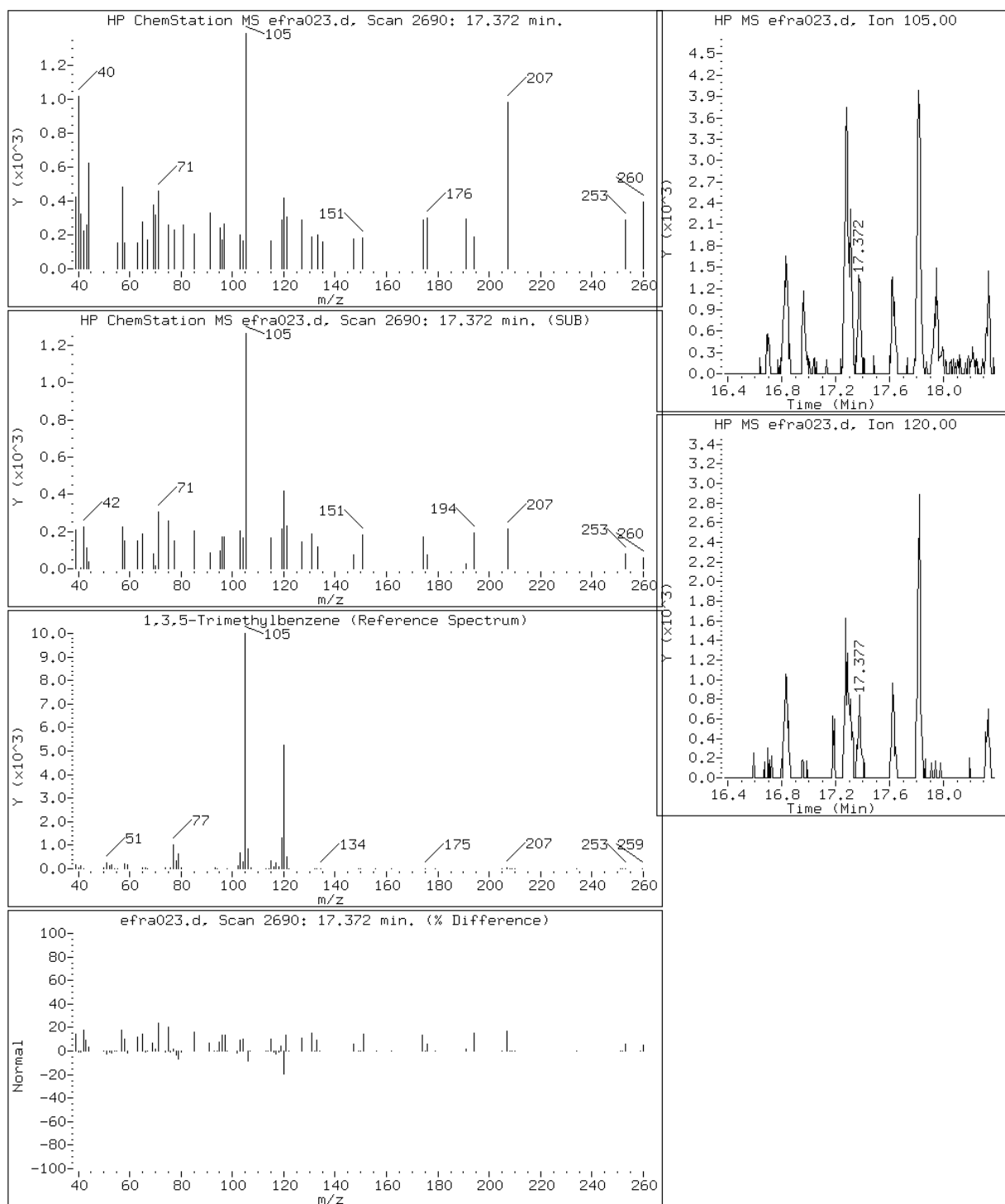
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

81 1,3,5-Trimethylbenzene



Data File: efra023.d

Lab Sample ID: 200-15795-1

Date: 23-APR-2013 05:14

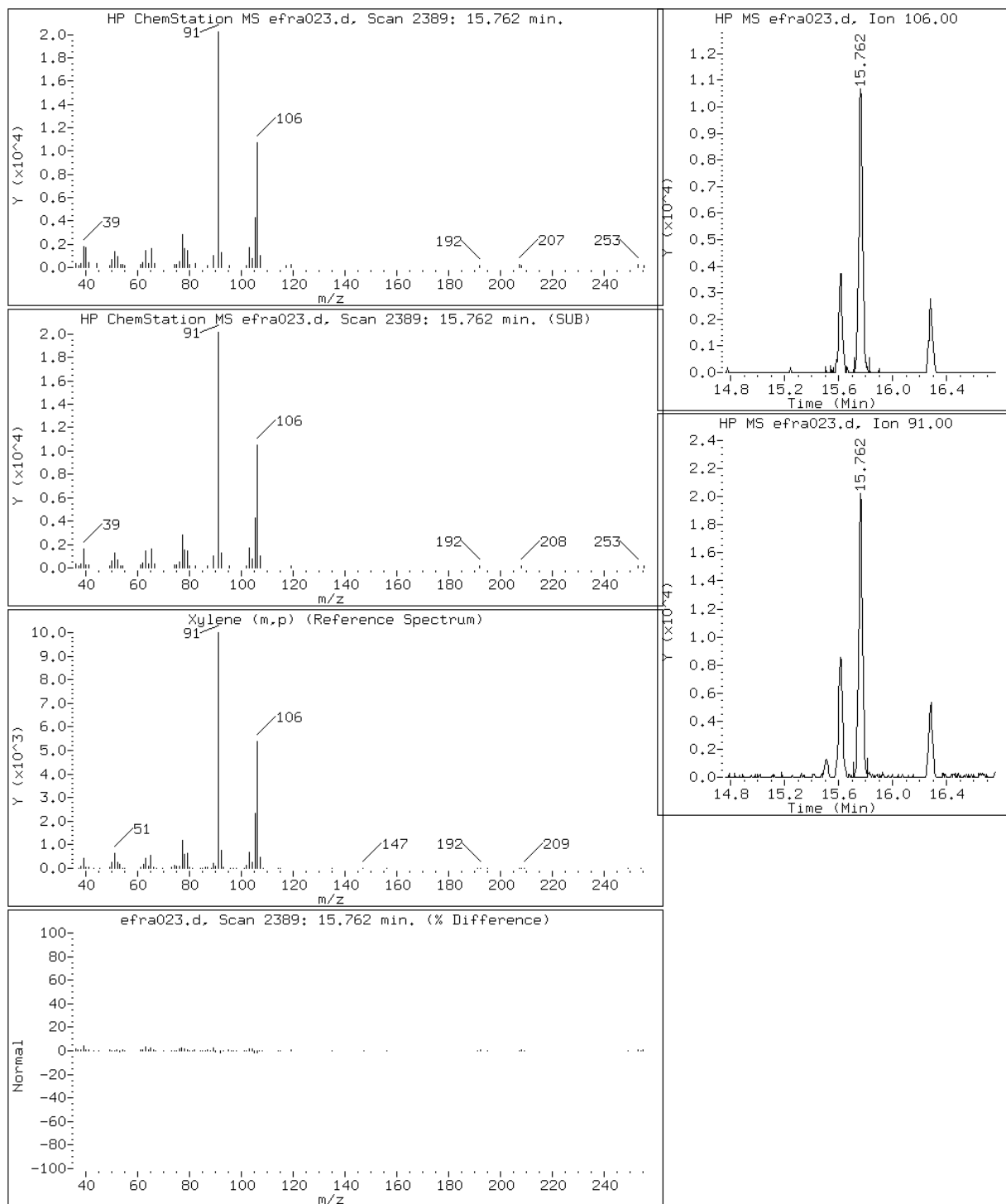
Client ID: 1-IA1-032813

Instrument: E.i

Sample Info: 200-15795-A-1

Operator: wrd

69 Xylene (m,p)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA2-032813 Lab Sample ID: 200-15795-2
 Matrix: Air Lab File ID: efra024.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:11
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 06:09
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.49		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.24		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U *	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.85		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.069		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.27		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.068		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.64		0.040	0.040
71-43-2	Benzene	78.11	0.45		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.36		0.040	0.040
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.8		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA2-032813 Lab Sample ID: 200-15795-2
 Matrix: Air Lab File ID: efra024.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:11
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 06:09
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.42		0.040	0.040
95-47-6	o-Xylene	106.17	0.53		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U ^	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.14		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.14		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	1.2		0.080	0.040
1330-20-7	Xylenes, Total	106.17	1.8		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA2-032813 Lab Sample ID: 200-15795-2
 Matrix: Air Lab File ID: efra024.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:11
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 06:09
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.4		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.3		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U *	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	3.0		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.34		0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.94		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.43		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	3.0		0.19	0.19
71-43-2	Benzene	78.11	1.4		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.5		0.16	0.16
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	6.7		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Client Sample ID: 1-IA2-032813 Lab Sample ID: 200-15795-2
Matrix: Air Lab File ID: efra024.d
Analysis Method: TO15 LL Date Collected: 03/28/2013 15:11
Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 06:09
Soil Aliquot Vol: _____ Dilution Factor: 4
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	1.8		0.17	0.17
95-47-6	o-Xylene	106.17	2.3		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U ^	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.70		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.71		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	5.4		0.35	0.17
1330-20-7	Xylenes, Total	106.17	7.7		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15795-2
Client Smp ID: 1-IA2-032813
Inj Date : 23-APR-2013 06:09
Operator : wrd
Smp Info : 200-15795-A-2
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
Meth Date : 24-Apr-2013 08:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 11
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
2 Dichlorodifluoromethane	85		3.169	3.169	(0.319)	44666	0.12273	0.49
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
7 Vinyl chloride	62							
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101		5.084	5.095	(0.512)	24034	0.05885	0.24
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.240	6.213	(0.629)	3487	0.01780	0.071(a)
19 1,1-Dichloroethene	96							
22 Allyl chloride	41							
25 Methylene chloride	49		7.368	7.358	(0.742)	2989	0.04391	0.18(aQ)
27 1,2-Dichloroethene (trans)	61							
28 Methyl tert-butyl ether	73							

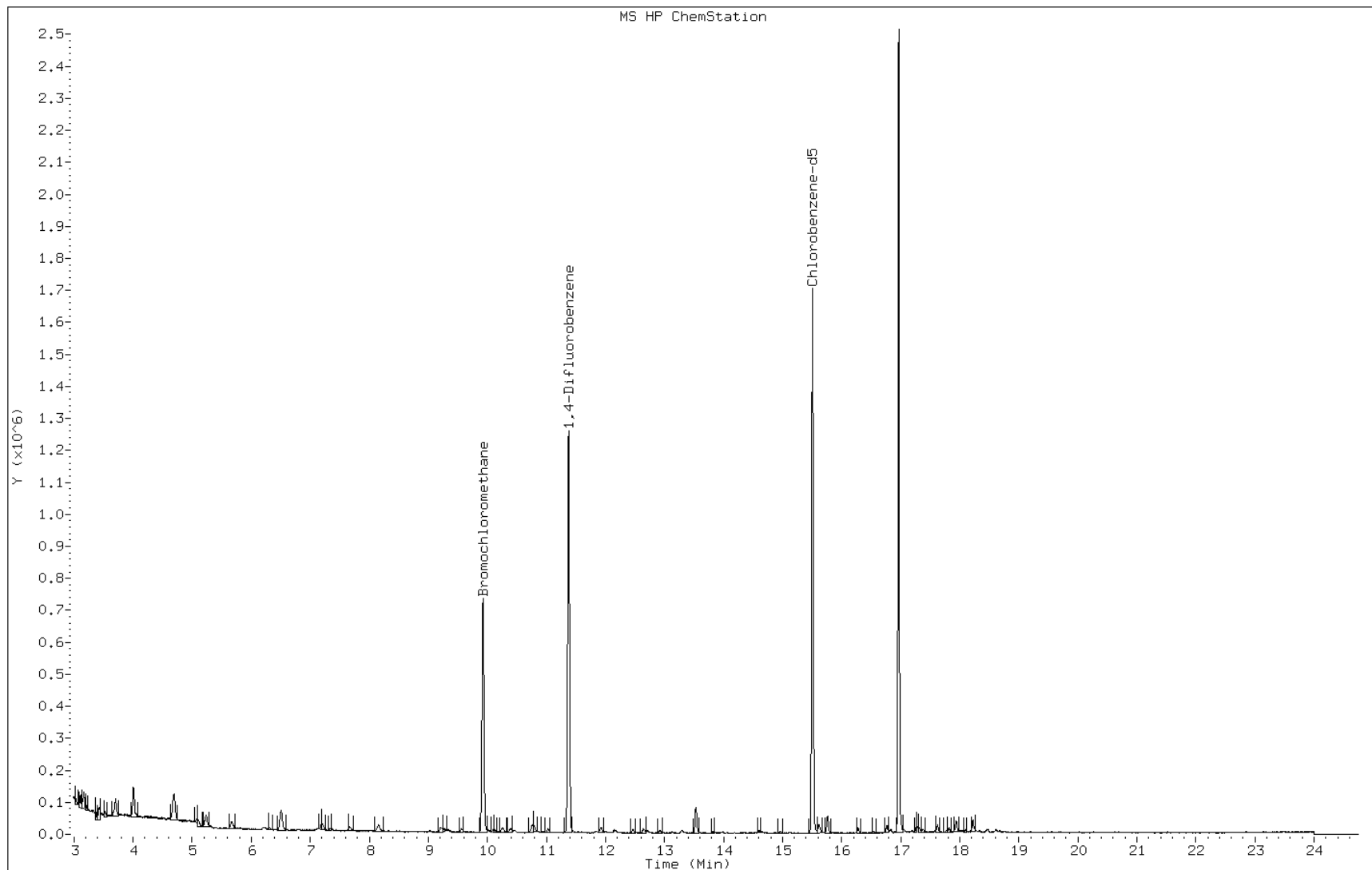
Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
30 n-Hexane		57	8.149	8.149	(0.821)	9128	0.21159	0.85
31 1,1-Dichloroethane		63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total		61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)		96	Compound Not Detected.					
* 36 Bromochloromethane		128	9.925	9.925	(1.000)	264457	2.00000	
39 Chloroform		83	10.016	10.011	(1.009)	3155	0.01719	0.069
40 Cyclohexane		84	10.252	10.262	(0.901)	4010	0.06835	0.27
41 1,1,1-Trichloroethane		97	Compound Not Detected.					
42 Carbon tetrachloride		117	10.455	10.460	(0.919)	6054	0.01708	0.068
43 2,2,4-Trimethylpentane		57	10.760	10.755	(0.946)	21162	0.15922	0.64
44 Benzene		78	10.797	10.803	(0.949)	16386	0.11143	0.44
45 1,2-Dichloroethane		62	Compound Not Detected.					
46 n-Heptane		43	11.033	11.033	(0.970)	3968	0.09029	0.36
* 47 1,4-Difluorobenzene		114	11.375	11.375	(1.000)	1185988	2.00000	
49 Trichloroethene		95	Compound Not Detected.					
50 1,2-Dichloropropane		63	Compound Not Detected.					
54 Bromodichloromethane		83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)		75	Compound Not Detected.					
58 Toluene		92	13.537	13.536	(0.873)	35608	0.44740	1.8
59 1,3-Dichloropropene (trans)		75	Compound Not Detected.					
60 1,1,2-Trichloroethane		83	Compound Not Detected.					
61 Tetrachloroethene		166	14.302	14.296	(0.922)	990	0.00668	0.027(aQ)
63 Dibromochloromethane		129	Compound Not Detected.					
64 1,2-Dibromoethane		107	Compound Not Detected.					
* 65 Chlorobenzene-d5		117	15.505	15.505	(1.000)	1066339	2.00000	
67 Ethylbenzene		91	15.612	15.618	(1.007)	16711	0.10600	0.42
69 Xylene (m,p)		106	15.762	15.762	(1.017)	18058	0.30856	1.2(Q)
M 70 Xylene, Total		106				23143	0.44176	1.8
71 Xylene (o)		106	16.286	16.286	(1.050)	5085	0.13320	0.53(Q)
73 Bromoform		173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane		83	Compound Not Detected.					
79 4-Ethyltoluene		105	17.308	17.308	(1.116)	3255	0.03542	0.14(M)
81 1,3,5-Trimethylbenzene		105	17.383	17.378	(1.121)	2526	0.03619	0.14

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: efra024.d
Client ID: 1-IA2-032813
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15795-A-2
Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

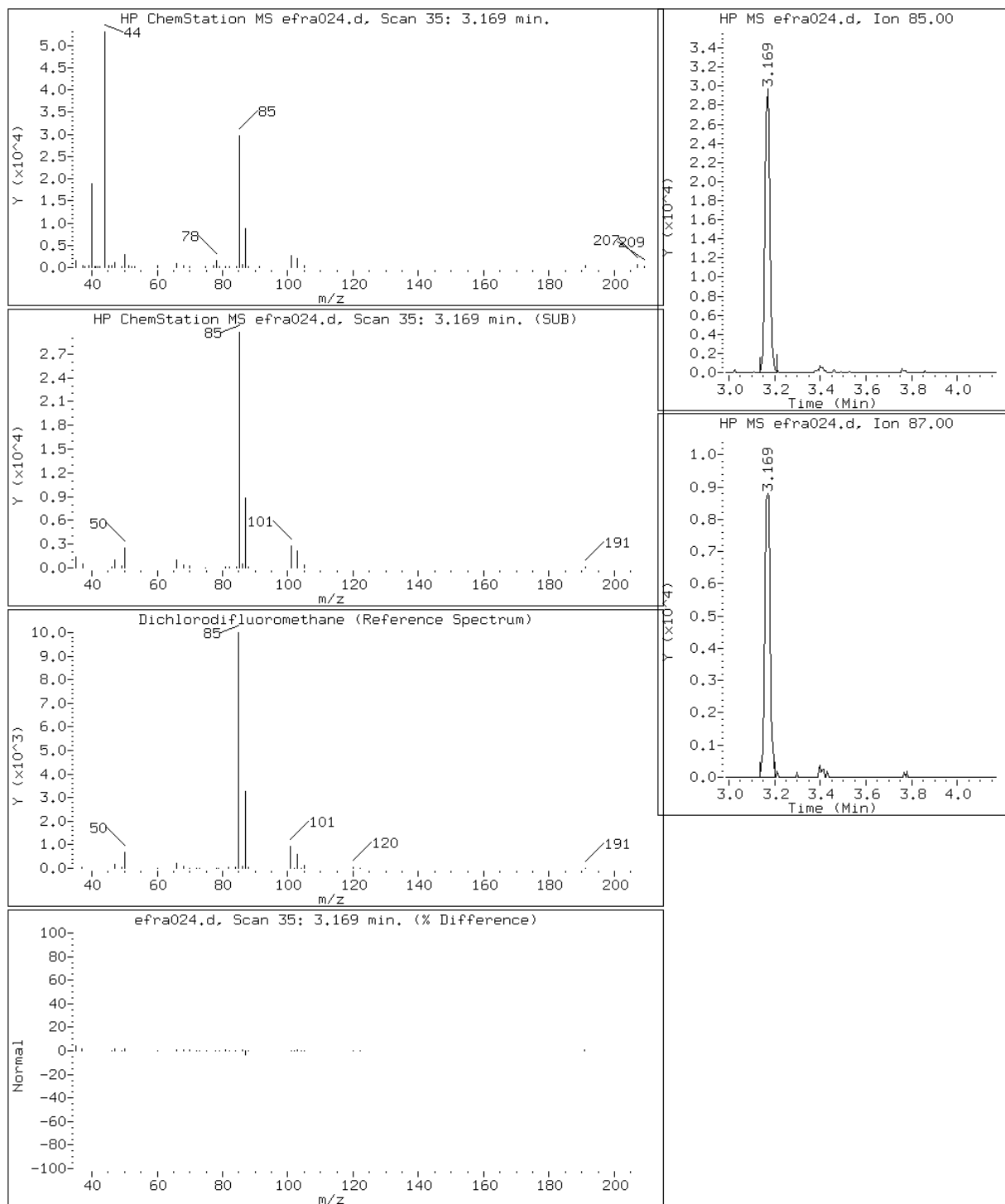
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

2 Dichlorodifluoromethane



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

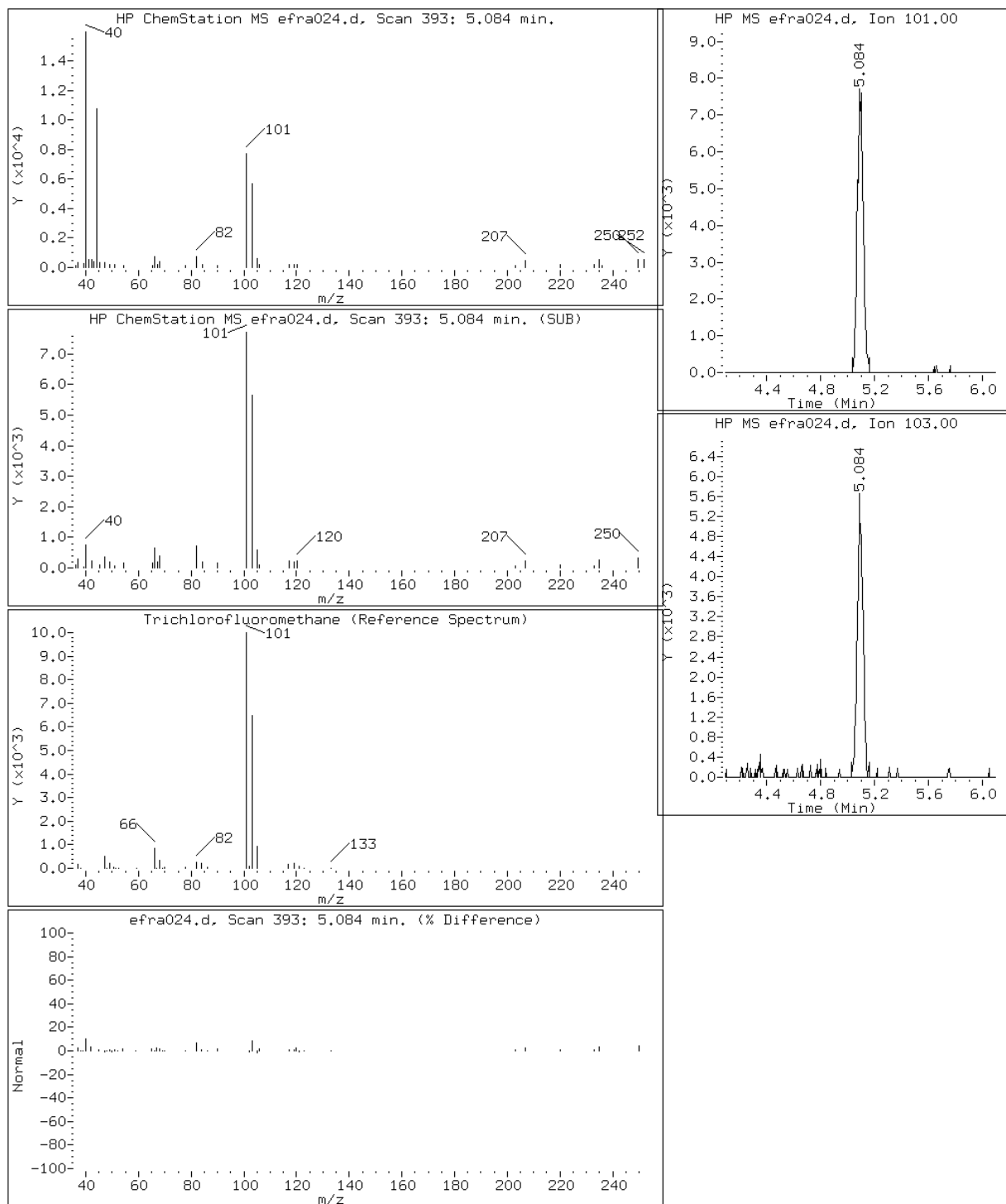
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

13 Trichlorofluoromethane



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

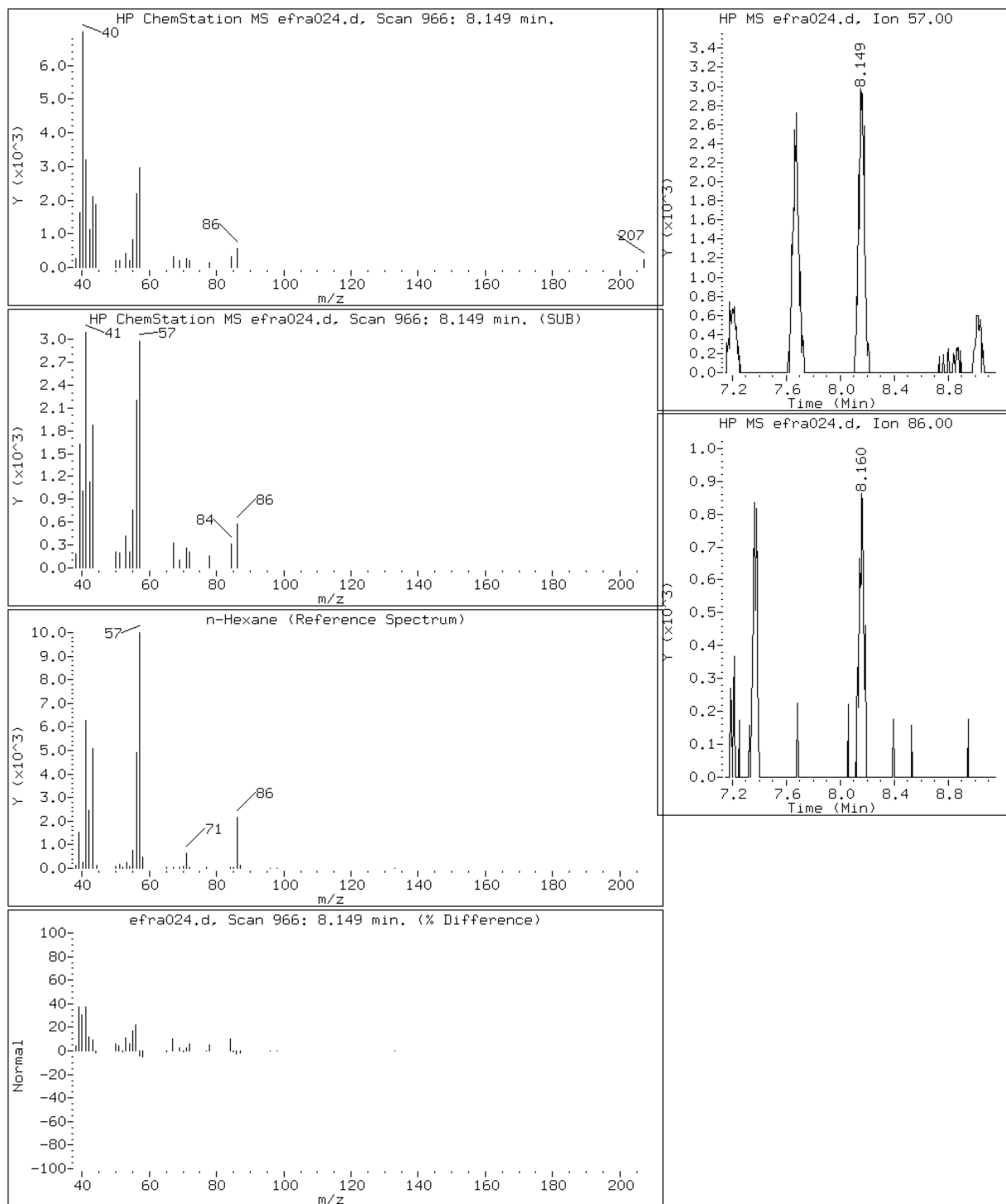
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

30 n-Hexane



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

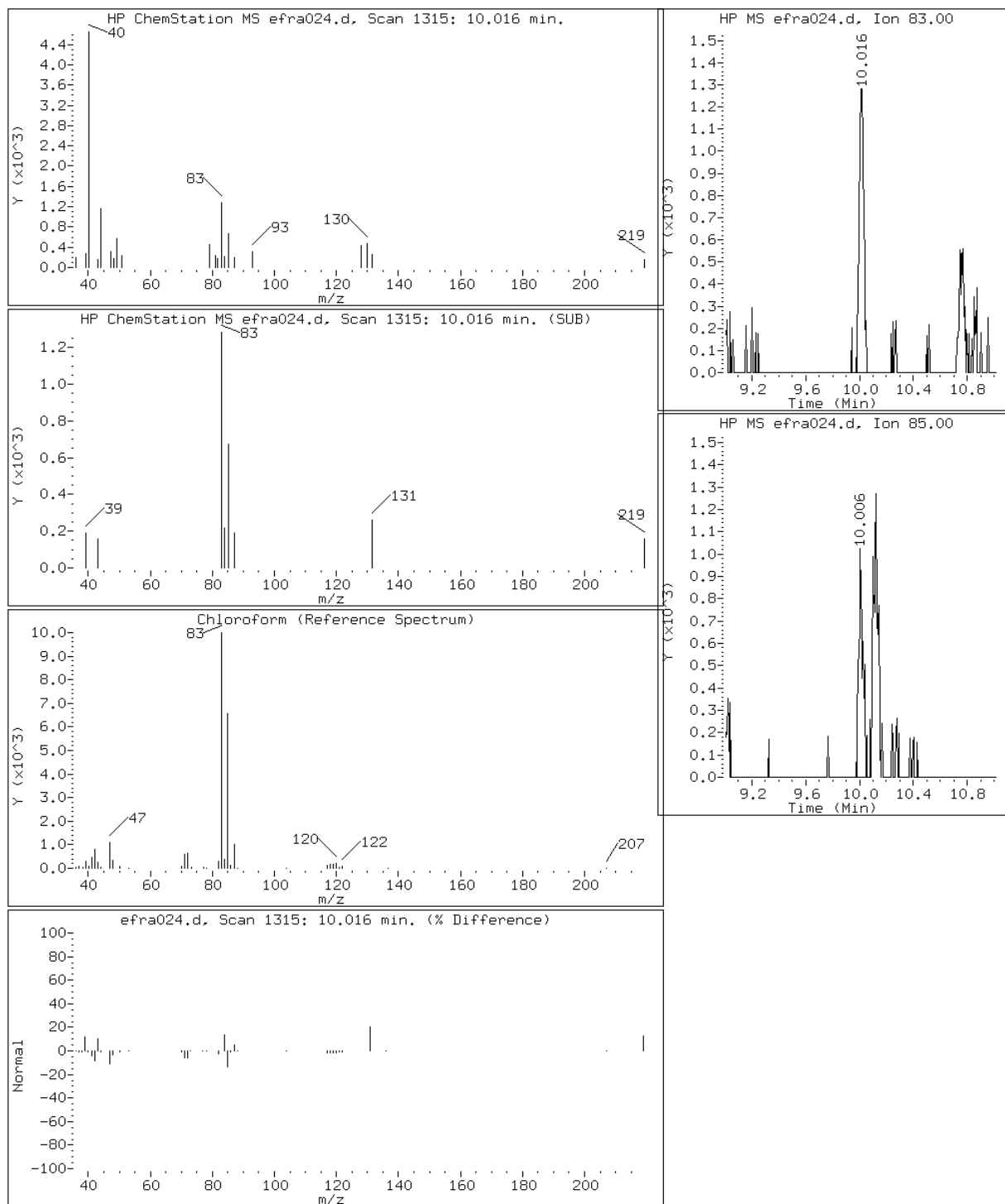
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

39 Chloroform



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

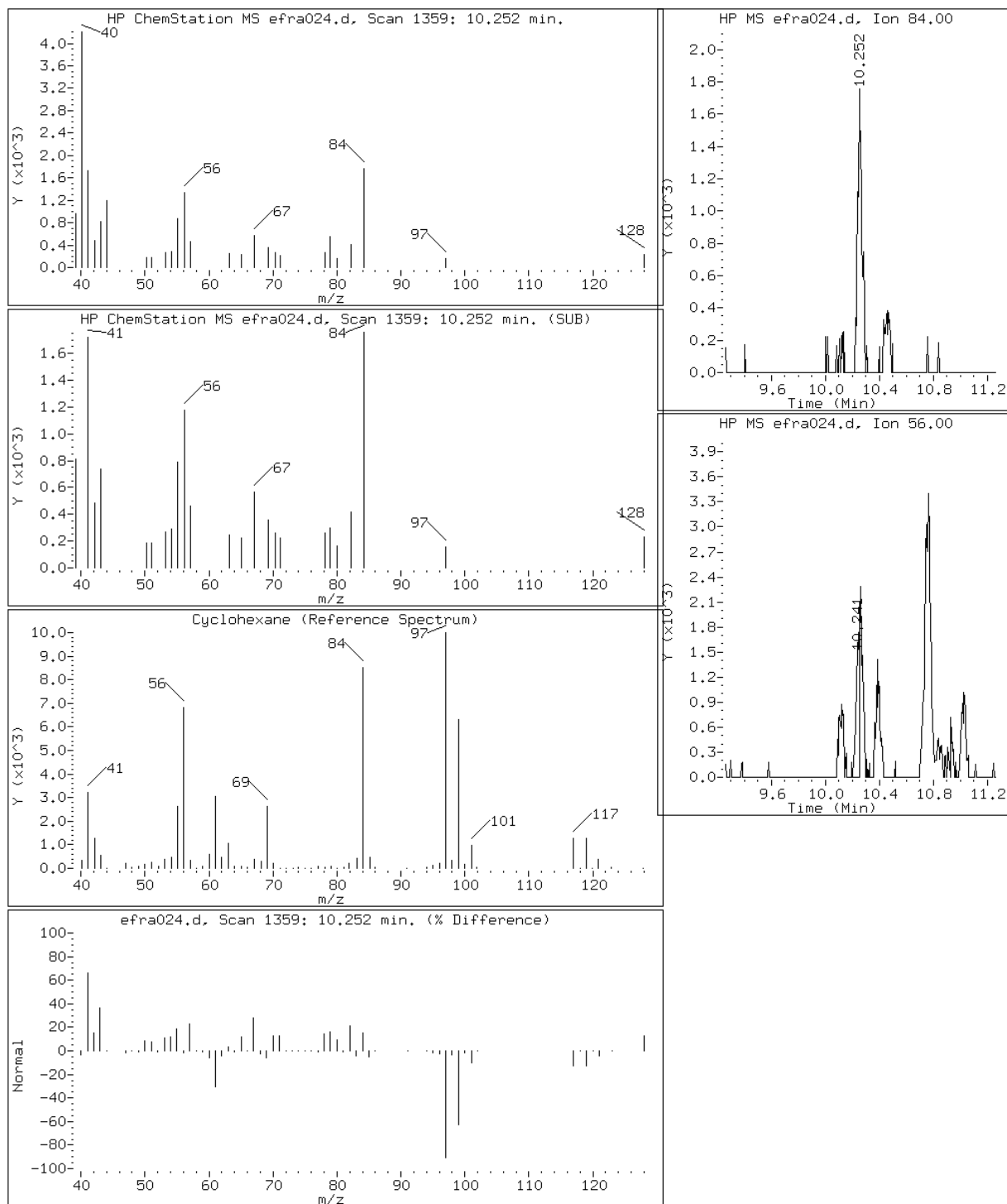
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

40 Cyclohexane



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

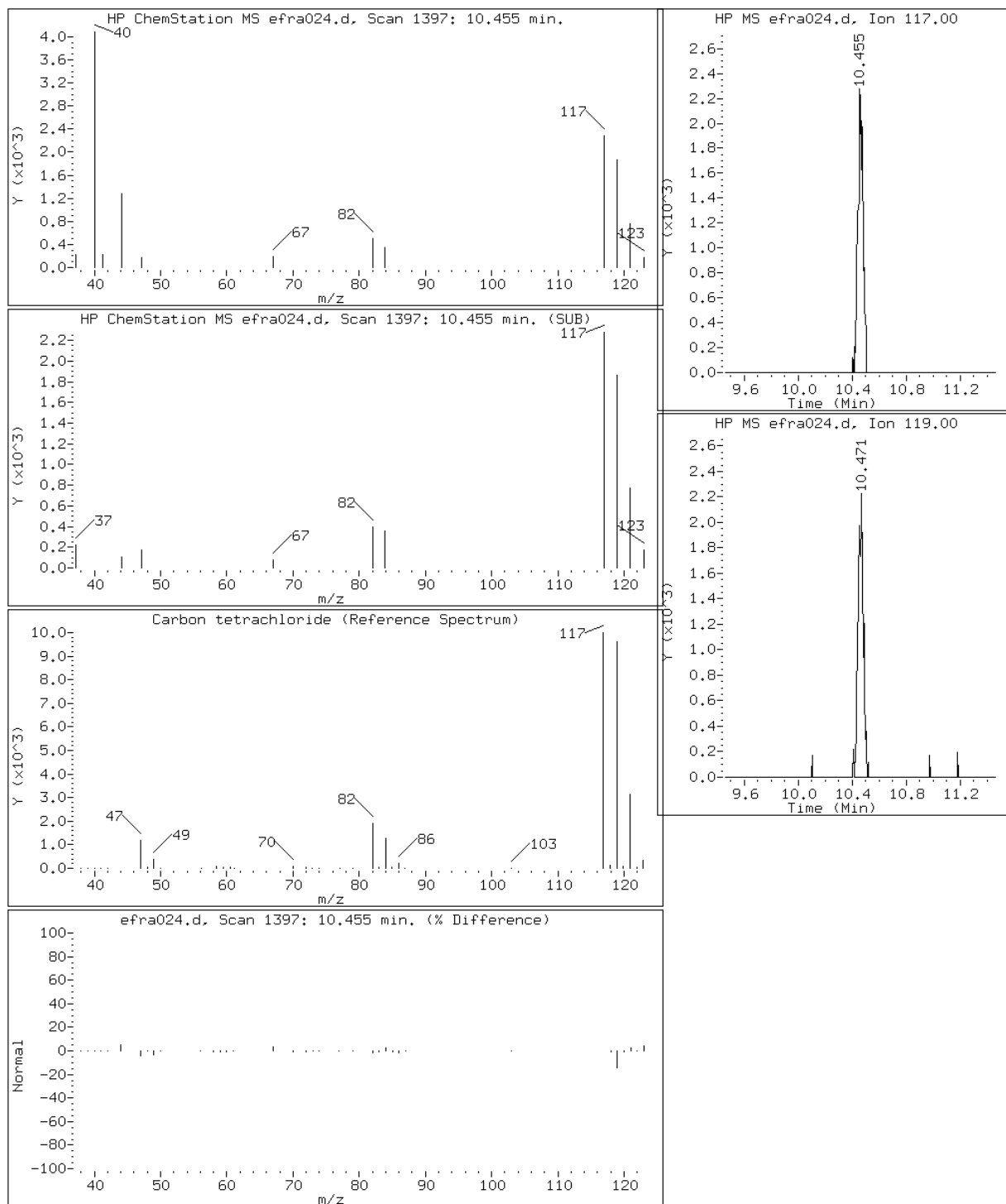
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

42 Carbon tetrachloride



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

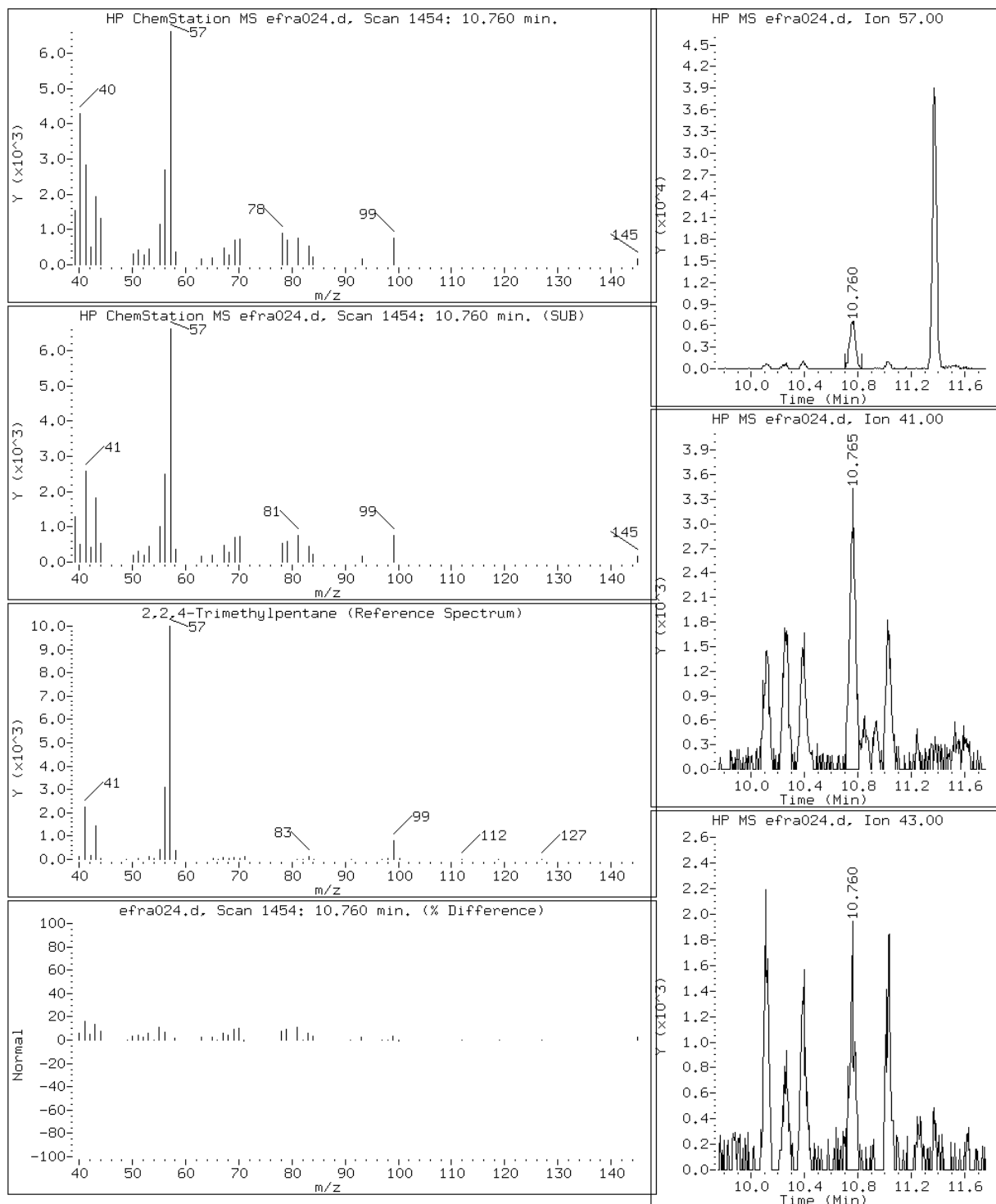
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

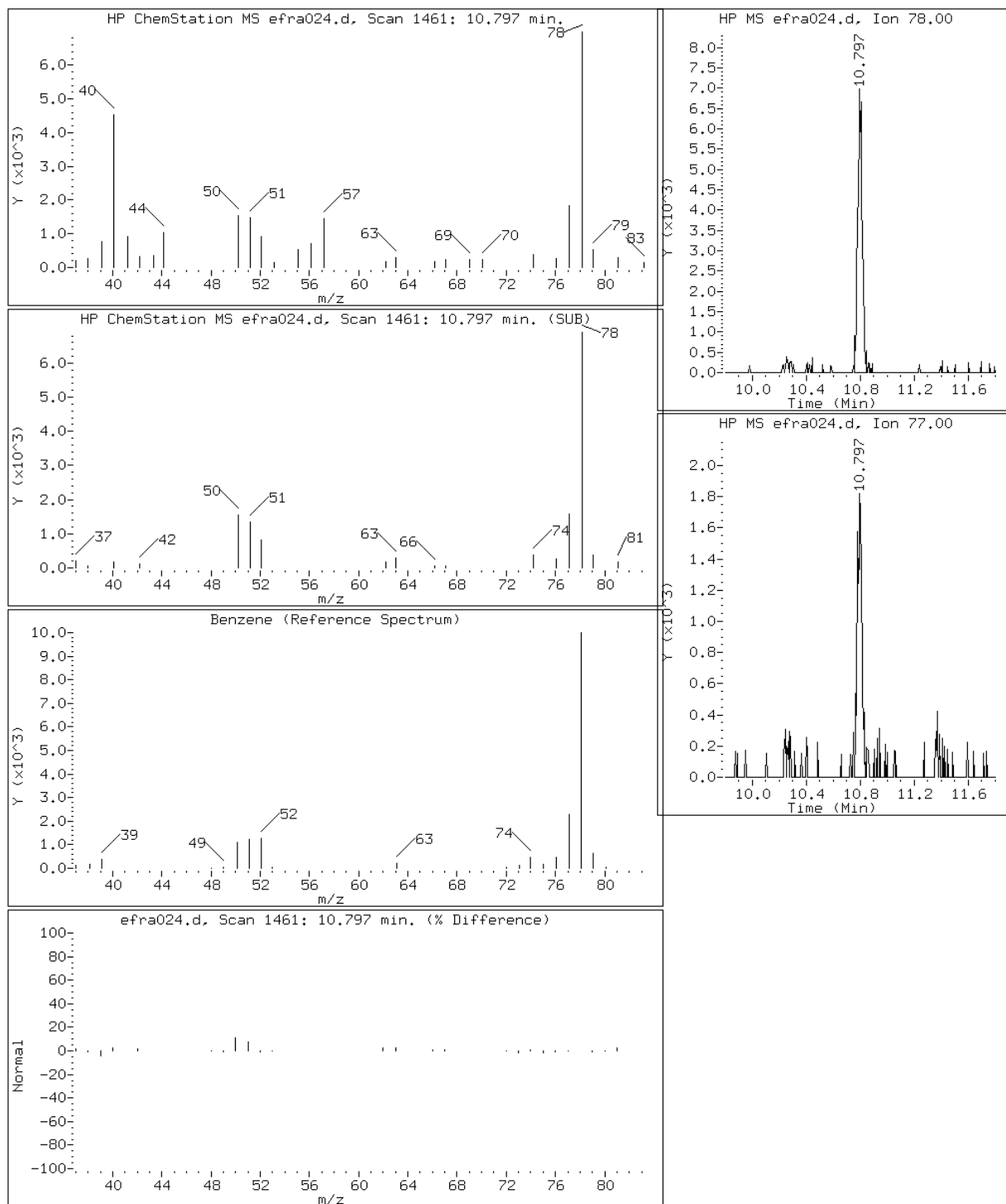
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

44 Benzene



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

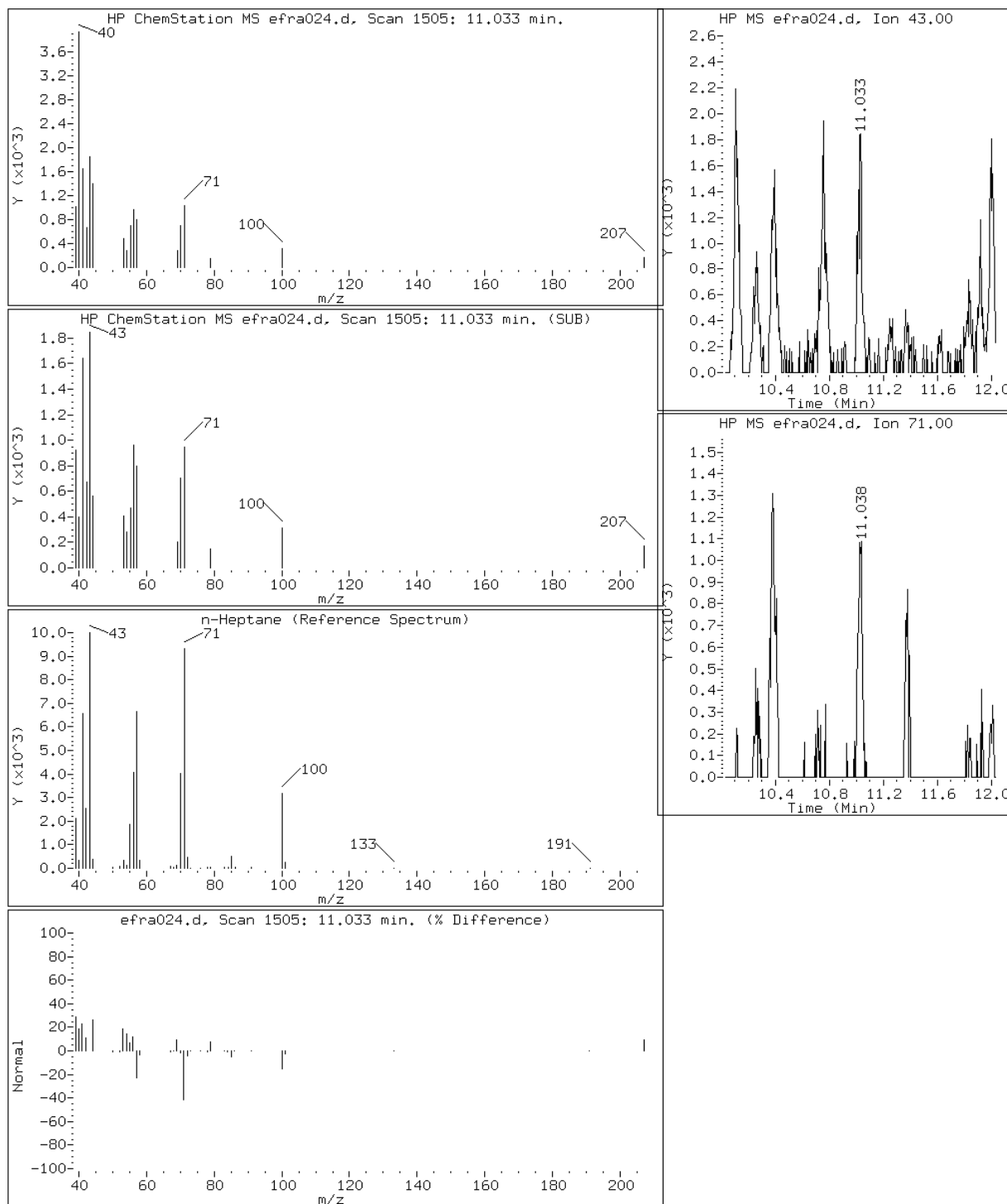
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

46 n-Heptane



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

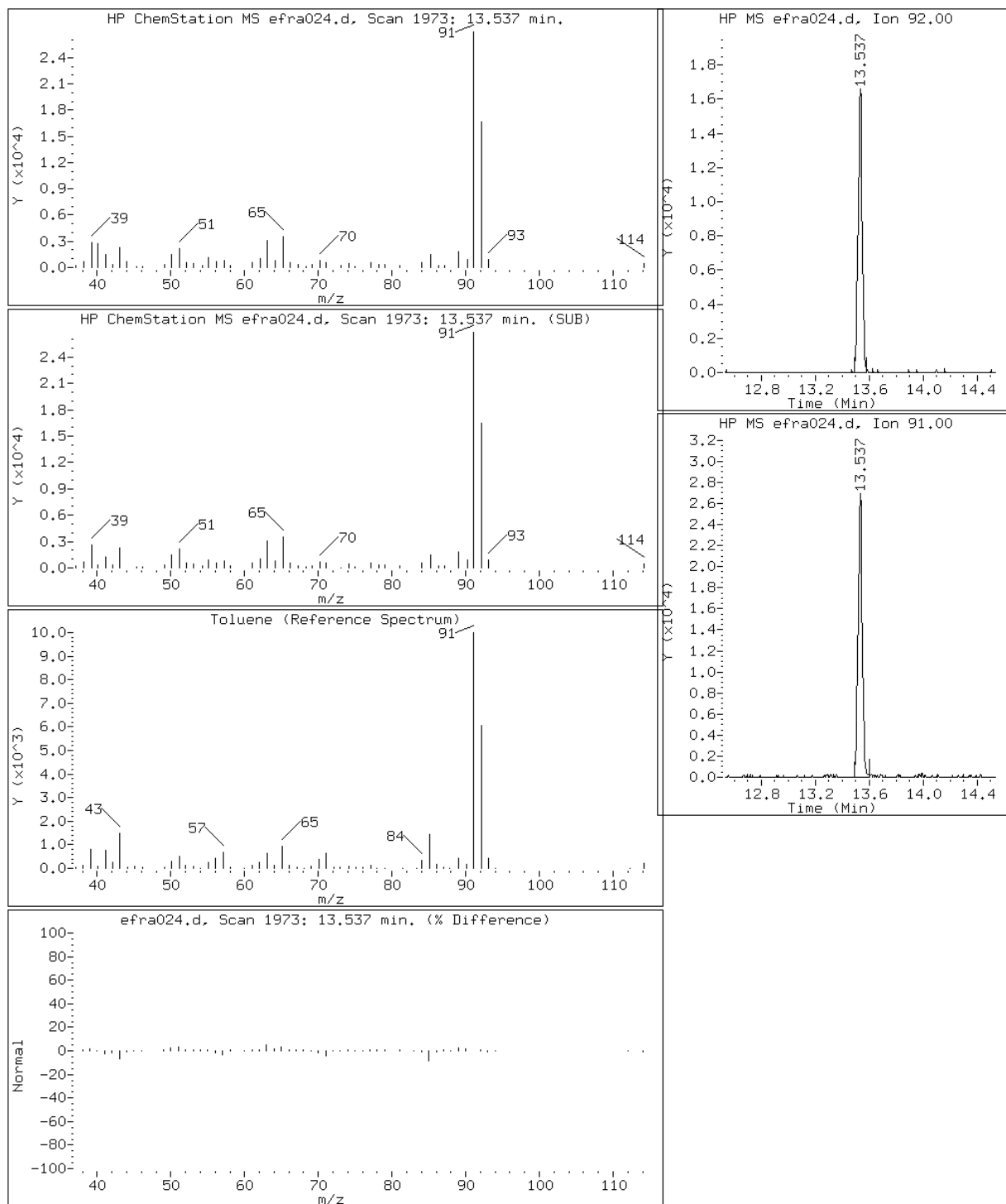
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

58 Toluene



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

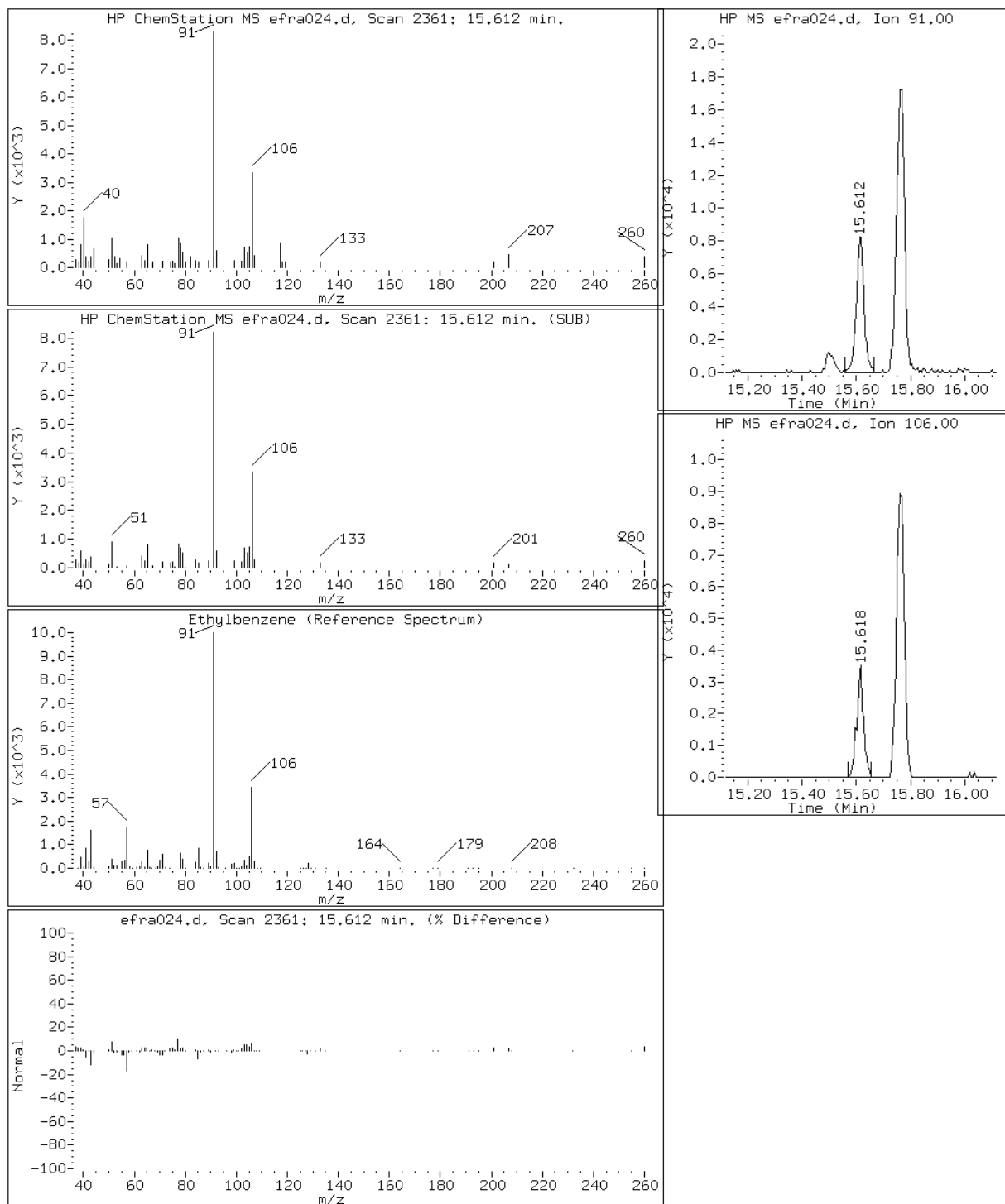
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

67 Ethylbenzene



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

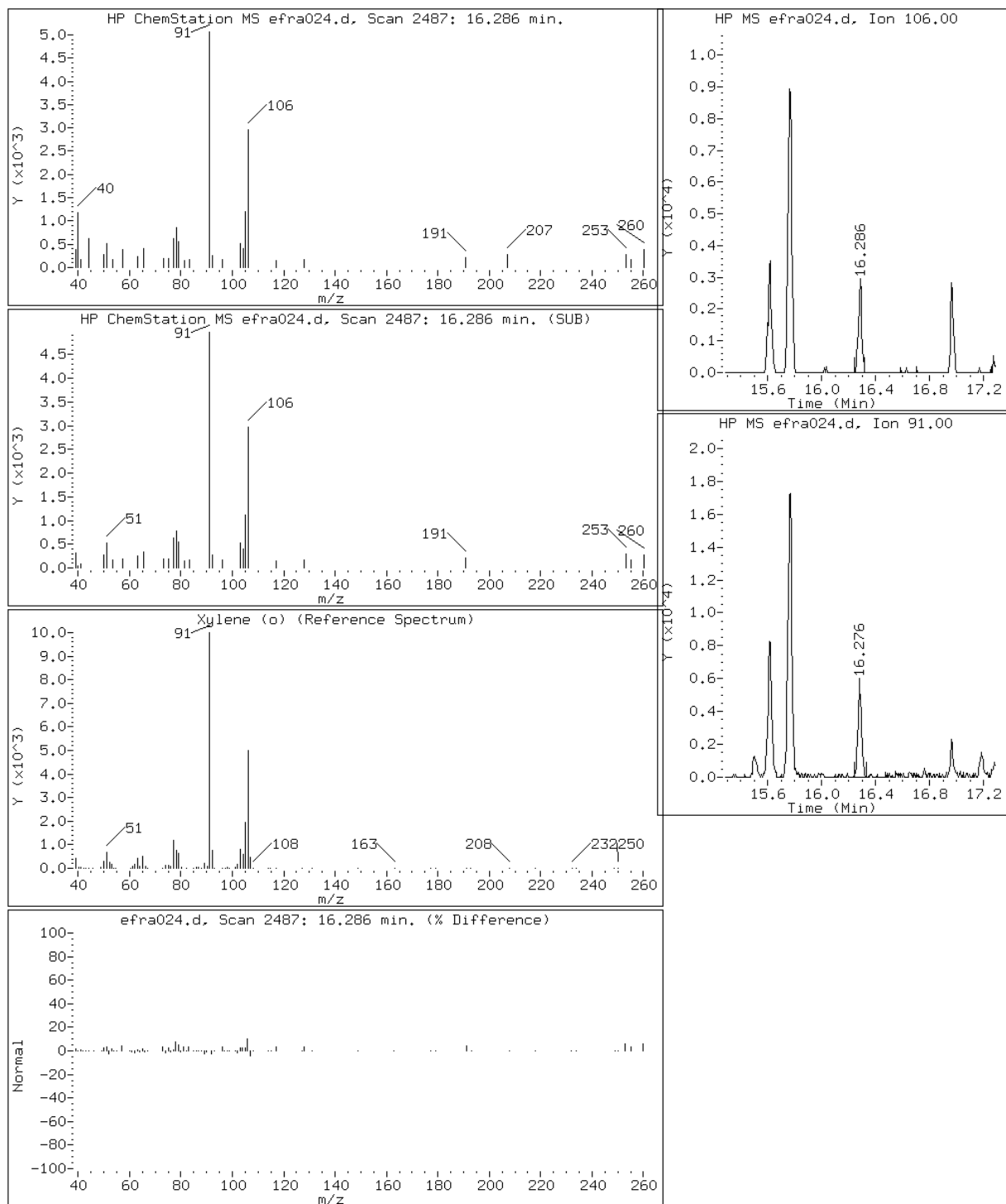
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

71 Xylene (o)



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

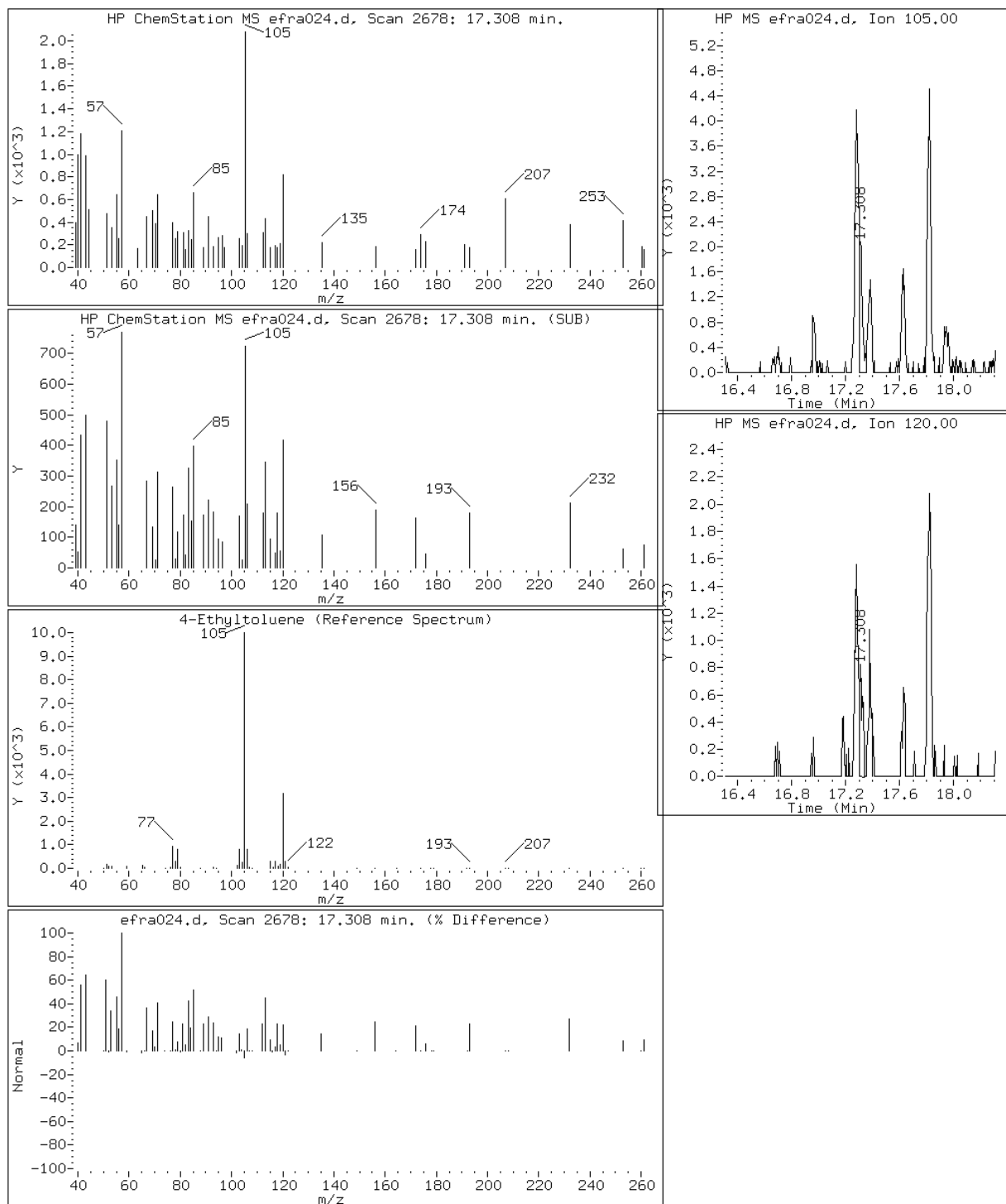
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

79 4-Ethyltoluene



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

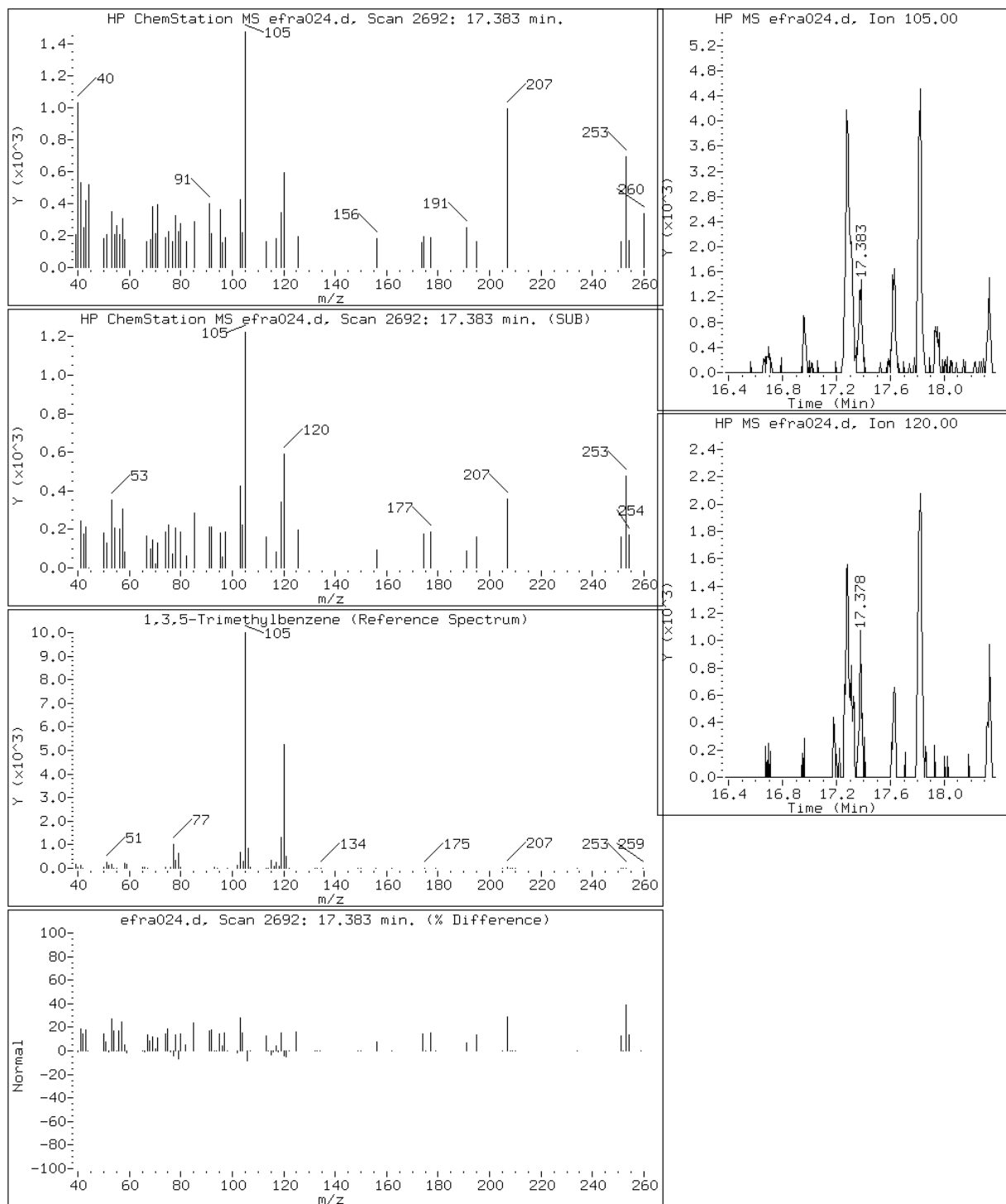
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

81 1,3,5-Trimethylbenzene



Data File: efra024.d

Lab Sample ID: 200-15795-2

Date: 23-APR-2013 06:09

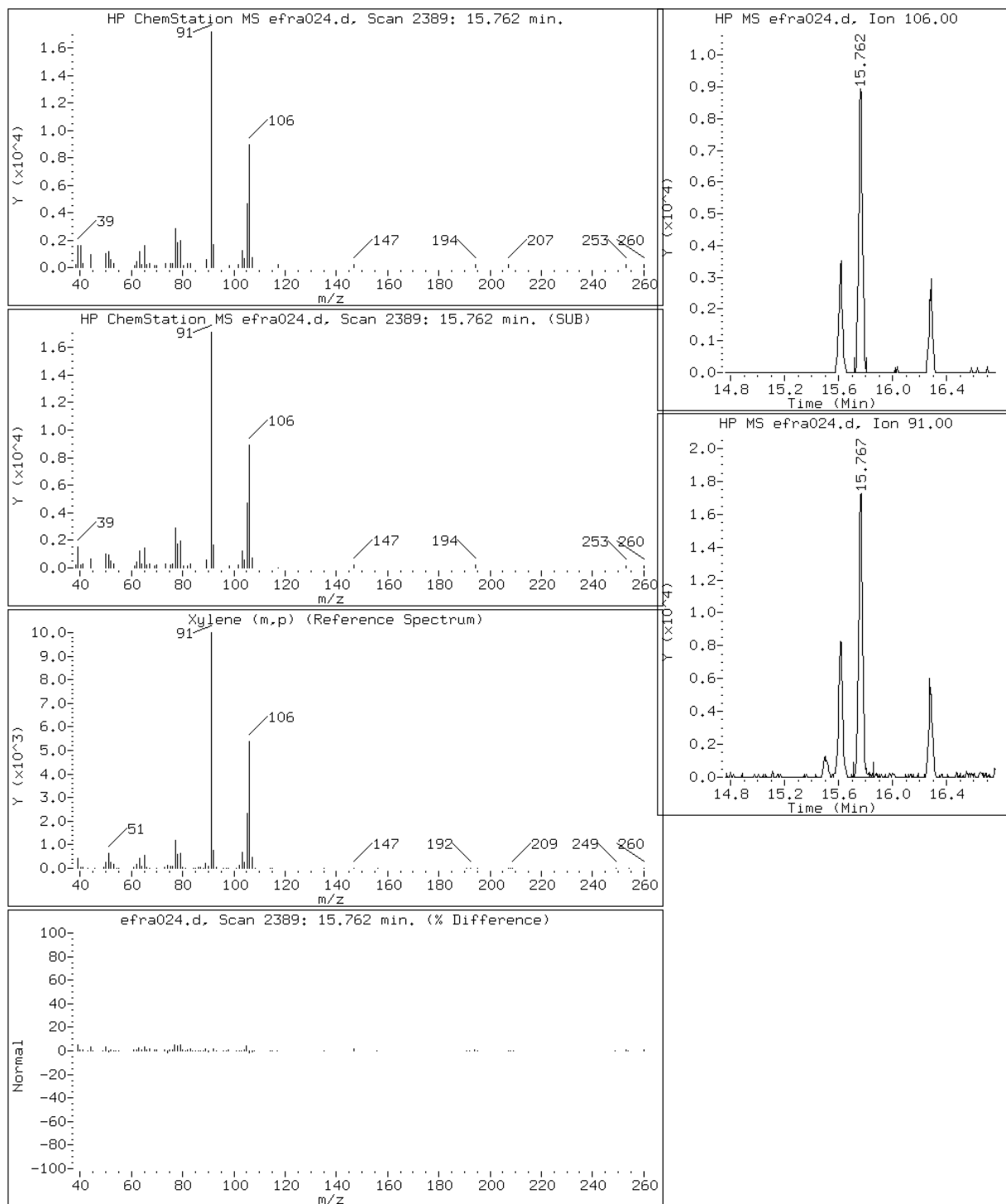
Client ID: 1-IA2-032813

Instrument: E.i

Sample Info: 200-15795-A-2

Operator: wrd

69 Xylene (m,p)

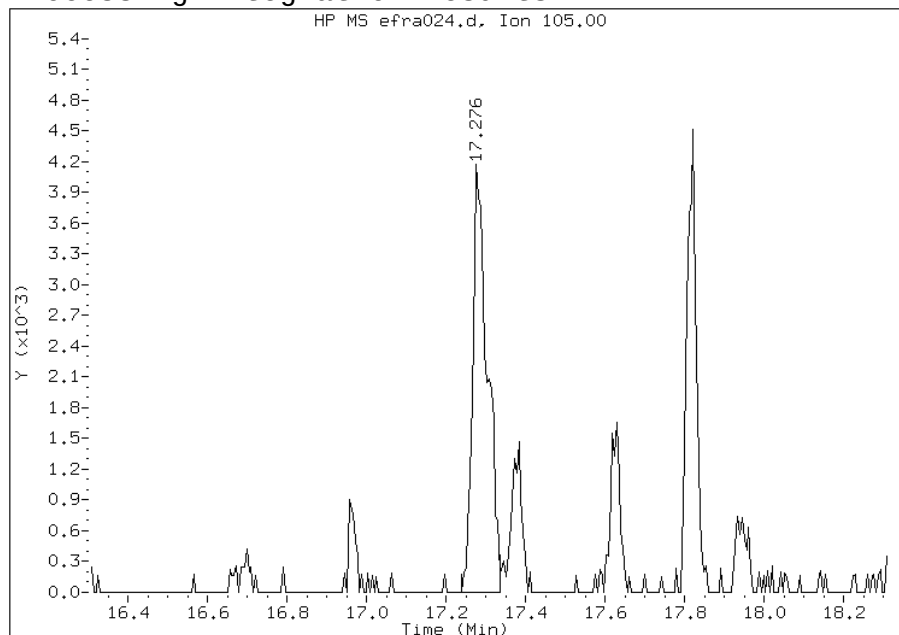


Manual Integration Report

Data File: efra024.d
Lab Sample ID: 200-15795-2
Inj. Date and Time: 23-APR-2013 06:09
Instrument ID: E.i
Client ID: 1-IA2-032813
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 04/24/2013

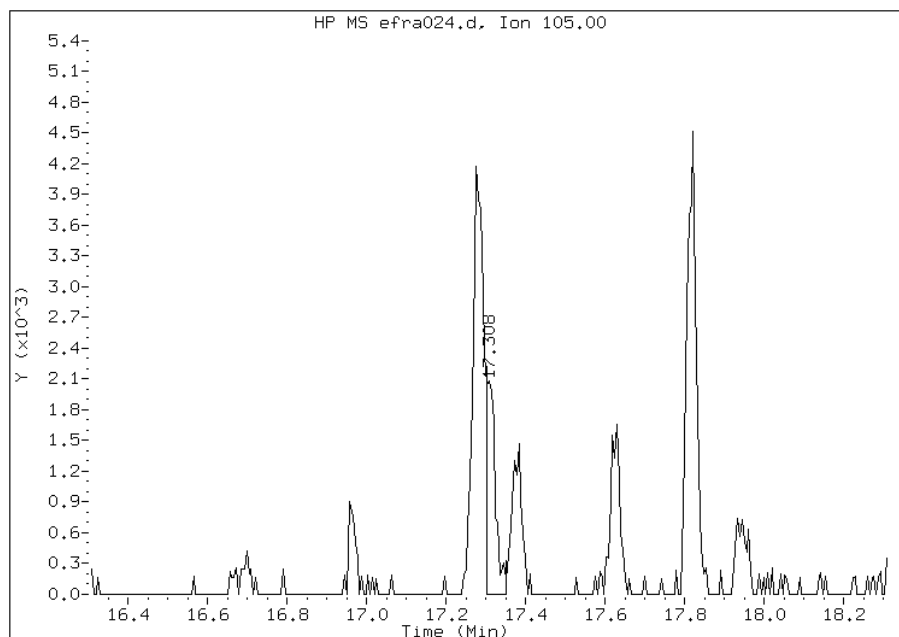
Processing Integration Results

RT: 17.28
Response: 10840
Amount: 0.117942
Conc: 0.471767



Manual Integration Results

RT: 17.31
Response: 3255
Amount: 0.035415
Conc: 0.141661



File Uploaded By: wrd
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA3-032813 Lab Sample ID: 200-15795-3
 Matrix: Air Lab File ID: efrb007.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 13:29
 Sample wt/vol: 100(mL) Date Analyzed: 04/23/2013 16:43
 Soil Aliquot Vol: Dilution Factor: 45
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.55		0.45	0.45
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.45	U	0.45	0.45
75-01-4	Vinyl chloride	62.50	0.90	U	0.90	0.90
106-99-0	1,3-Butadiene	54.09	2.8		0.90	0.90
74-83-9	Bromomethane	94.94	0.90	U	0.90	0.90
75-00-3	Chloroethane	64.52	0.90	U	0.90	0.90
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.90	U	0.90	0.90
75-69-4	Trichlorofluoromethane	137.37	0.45		0.45	0.45
75-35-4	1,1-Dichloroethene	96.94	0.45	U	0.45	0.45
107-05-1	3-Chloropropene	76.53	0.90	U	0.90	0.90
75-09-2	Methylene Chloride	84.93	4.5	U	4.5	4.5
1634-04-4	Methyl tert-butyl ether	88.15	0.45	U	0.45	0.45
156-60-5	trans-1,2-Dichloroethene	96.94	0.45	U	0.45	0.45
110-54-3	n-Hexane	86.17	14		0.90	0.90
75-34-3	1,1-Dichloroethane	98.96	0.45	U	0.45	0.45
156-59-2	cis-1,2-Dichloroethene	96.94	0.45	U	0.45	0.45
67-66-3	Chloroform	119.38	0.45	U	0.45	0.45
71-55-6	1,1,1-Trichloroethane	133.41	0.45	U	0.45	0.45
110-82-7	Cyclohexane	84.16	4.6		0.45	0.45
56-23-5	Carbon tetrachloride	153.81	0.45	U	0.45	0.45
540-84-1	2,2,4-Trimethylpentane	114.23	9.4		0.45	0.45
71-43-2	Benzene	78.11	8.8		0.45	0.45
107-06-2	1,2-Dichloroethane	98.96	0.90	U	0.90	0.90
142-82-5	n-Heptane	100.21	5.9		0.45	0.45
79-01-6	Trichloroethene	131.39	0.45	U	0.45	0.45
78-87-5	1,2-Dichloropropane	112.99	0.90	U	0.90	0.90
75-27-4	Bromodichloromethane	163.83	0.45	U	0.45	0.45
10061-01-5	cis-1,3-Dichloropropene	110.97	0.45	U	0.45	0.45
108-88-3	Toluene	92.14	32		0.45	0.45
10061-02-6	trans-1,3-Dichloropropene	110.97	0.45	U	0.45	0.45
79-00-5	1,1,2-Trichloroethane	133.41	0.45	U	0.45	0.45
127-18-4	Tetrachloroethene	165.83	0.45	U	0.45	0.45
124-48-1	Dibromochloromethane	208.29	0.45	U	0.45	0.45
106-93-4	1,2-Dibromoethane	187.87	0.45	U	0.45	0.45

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Client Sample ID: 1-IA3-032813 Lab Sample ID: 200-15795-3
Matrix: Air Lab File ID: efrb007.d
Analysis Method: TO15 LL Date Collected: 03/28/2013 13:29
Sample wt/vol: 100 (mL) Date Analyzed: 04/23/2013 16:43
Soil Aliquot Vol: _____ Dilution Factor: 45
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 54733 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	7.1		0.45	0.45
95-47-6	o-Xylene	106.17	10	*	0.45	0.45
75-25-2	Bromoform	252.75	0.45	U	0.45	0.45
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.45	U ^	0.45	0.45
622-96-8	4-Ethyltoluene	120.20	1.7	*	0.45	0.45
108-67-8	1,3,5-Trimethylbenzene	120.20	2.2	*	0.90	0.90
540-59-0	1,2-Dichloroethene, Total	96.94	0.45	U	0.45	0.45
179601-23-1	m-Xylene & p-Xylene	106.17	25	*	0.90	0.45
1330-20-7	Xylenes, Total	106.17	35	*	0.45	0.45

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA3-032813 Lab Sample ID: 200-15795-3
 Matrix: Air Lab File ID: efrb007.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 13:29
 Sample wt/vol: 100 (mL) Date Analyzed: 04/23/2013 16:43
 Soil Aliquot Vol: Dilution Factor: 45
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.2	2.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	3.1	U	3.1	3.1
75-01-4	Vinyl chloride	62.50	2.3	U	2.3	2.3
106-99-0	1,3-Butadiene	54.09	6.2		2.0	2.0
74-83-9	Bromomethane	94.94	3.5	U	3.5	3.5
75-00-3	Chloroethane	64.52	2.4	U	2.4	2.4
593-60-2	Bromoethene (Vinyl Bromide)	106.96	3.9	U	3.9	3.9
75-69-4	Trichlorofluoromethane	137.37	2.5		2.5	2.5
75-35-4	1,1-Dichloroethene	96.94	1.8	U	1.8	1.8
107-05-1	3-Chloropropene	76.53	2.8	U	2.8	2.8
75-09-2	Methylene Chloride	84.93	16	U	16	16
1634-04-4	Methyl tert-butyl ether	88.15	1.6	U	1.6	1.6
156-60-5	trans-1,2-Dichloroethene	96.94	1.8	U	1.8	1.8
110-54-3	n-Hexane	86.17	51		3.2	3.2
75-34-3	1,1-Dichloroethane	98.96	1.8	U	1.8	1.8
156-59-2	cis-1,2-Dichloroethene	96.94	1.8	U	1.8	1.8
67-66-3	Chloroform	119.38	2.2	U	2.2	2.2
71-55-6	1,1,1-Trichloroethane	133.41	2.5	U	2.5	2.5
110-82-7	Cyclohexane	84.16	16		1.5	1.5
56-23-5	Carbon tetrachloride	153.81	2.8	U	2.8	2.8
540-84-1	2,2,4-Trimethylpentane	114.23	44		2.1	2.1
71-43-2	Benzene	78.11	28		1.4	1.4
107-06-2	1,2-Dichloroethane	98.96	3.6	U	3.6	3.6
142-82-5	n-Heptane	100.21	24		1.8	1.8
79-01-6	Trichloroethene	131.39	2.4	U	2.4	2.4
78-87-5	1,2-Dichloropropane	112.99	4.2	U	4.2	4.2
75-27-4	Bromodichloromethane	163.83	3.0	U	3.0	3.0
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	2.0
108-88-3	Toluene	92.14	120		1.7	1.7
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	2.0
79-00-5	1,1,2-Trichloroethane	133.41	2.5	U	2.5	2.5
127-18-4	Tetrachloroethene	165.83	3.1	U	3.1	3.1
124-48-1	Dibromochloromethane	208.29	3.8	U	3.8	3.8
106-93-4	1,2-Dibromoethane	187.87	3.5	U	3.5	3.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA3-032813 Lab Sample ID: 200-15795-3
 Matrix: Air Lab File ID: efrb007.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 13:29
 Sample wt/vol: 100 (mL) Date Analyzed: 04/23/2013 16:43
 Soil Aliquot Vol: _____ Dilution Factor: 45
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	31		2.0	2.0
95-47-6	o-Xylene	106.17	44	*	2.0	2.0
75-25-2	Bromoform	252.75	4.7	U	4.7	4.7
79-34-5	1,1,2,2-Tetrachloroethane	167.85	3.1	U ^	3.1	3.1
622-96-8	4-Ethyltoluene	120.20	8.2	*	2.2	2.2
108-67-8	1,3,5-Trimethylbenzene	120.20	11	*	4.4	4.4
540-59-0	1,2-Dichloroethene, Total	96.94	1.8	U	1.8	1.8
179601-23-1	m-Xylene & p-Xylene	106.17	110	*	3.9	2.0
1330-20-7	Xylenes, Total	106.17	150	*	2.0	2.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15795-3
 Client Smp ID: 1-IA3-032813
 Inj Date : 23-APR-2013 16:43
 Operator : wrd Inst ID: E.i
 Smp Info : 200-15795-A-3
 Misc Info : 100,45,to15ll+mecl2 cdf 9.00
 Comment :
 Method : /chem/E.i/Esvr.p/efrbto15.b/to15ll3t.m
 Meth Date : 24-Apr-2013 11:54 wrd Quant Type: ISTD
 Cal Date : 21-APR-2013 21:08 Cal File: efr014.d
 Als bottle: 5
 Dil Factor: 45.00000
 Integrator: HP RTE Compound Sublist: T015LL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	45.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/vv)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	4270	0.01232	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.811	3.805	(0.384)	3217	0.06195	2.8
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.095	5.095	(0.513)	3857	0.00992	0.45
17 1,1,2-Trichloro-1,2,2-Trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.379	7.358	(0.743)	1564	0.02412	1.1(aQ)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

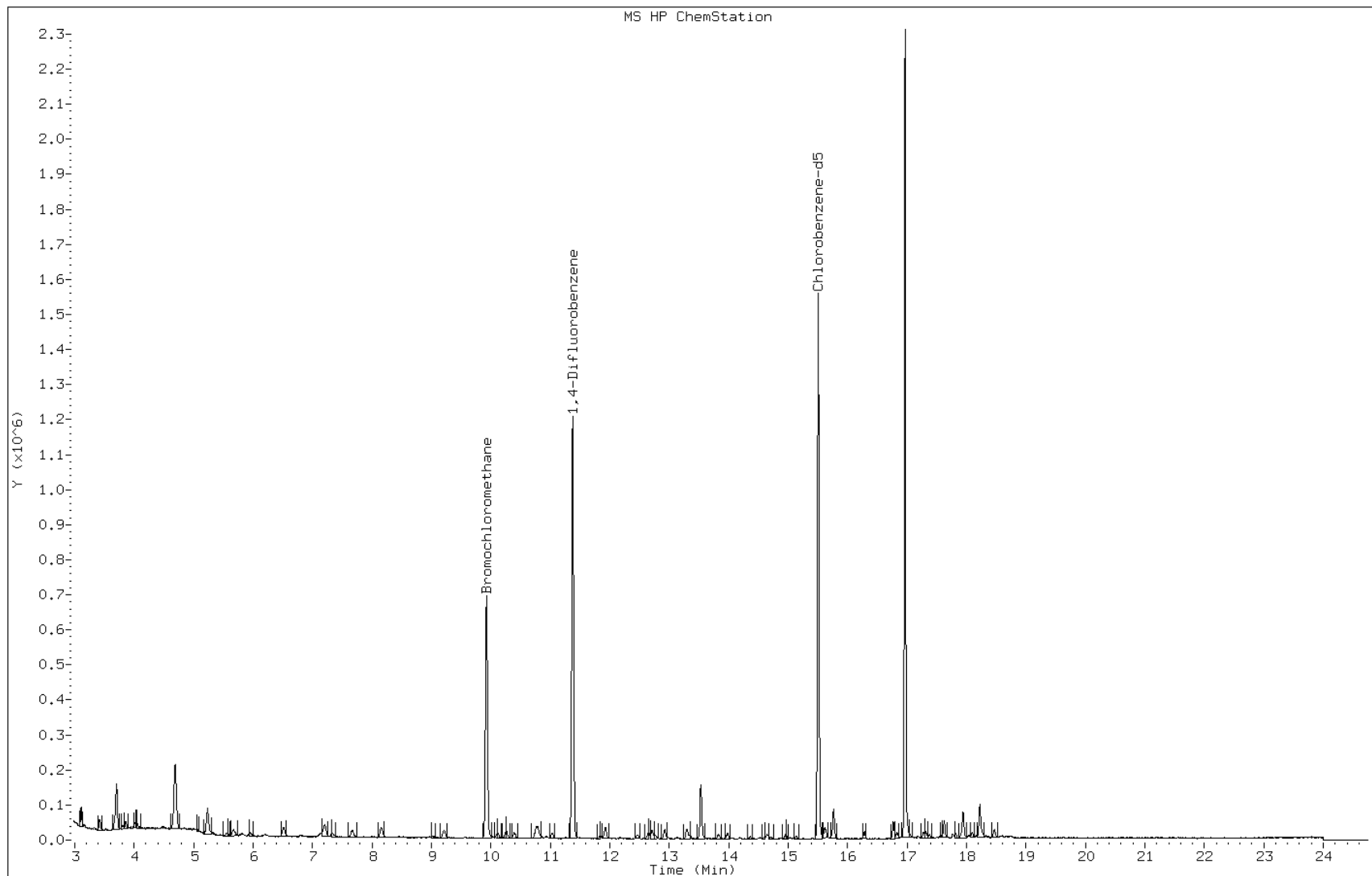
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.155	8.149	(0.822)	13121	0.31939	14
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	251841	2.00000	
39 Chloroform	83	Compound Not Detected.					
40 Cyclohexane	84	10.262	10.262	(0.902)	5587	0.10136	4.6(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	Compound Not Detected.					
43 2,2,4-Trimethylpentane	57	10.755	10.755	(0.945)	25963	0.20790	9.4
44 Benzene	78	10.803	10.803	(0.950)	26918	0.19482	8.8
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.033	11.033	(0.970)	5457	0.13215	5.9
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1114345	2.00000	
49 Trichloroethene	95	Compound Not Detected.					
50 1,2-Dichloropropane	63	Compound Not Detected.					
54 Bromodichloromethane	83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
58 Toluene	92	13.531	13.536	(0.873)	51469	0.70954	32
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	Compound Not Detected.					
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	971891	2.00000	
67 Ethylbenzene	91	15.617	15.618	(1.007)	22592	0.15722	7.1
69 Xylene (m,p)	106	15.762	15.762	(1.017)	29292	0.54915	25
M 70 Xylene, Total	106				37139	0.77468	35
71 Xylene (o)	106	16.281	16.286	(1.050)	7847	0.22553	10
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	3099	0.03699	1.7(Q)
81 1,3,5-Trimethylbenzene	105	17.377	17.378	(1.121)	3128	0.04917	2.2

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: efrb007.d
Client ID: 1-IA3-032813
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15795-A-3
Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

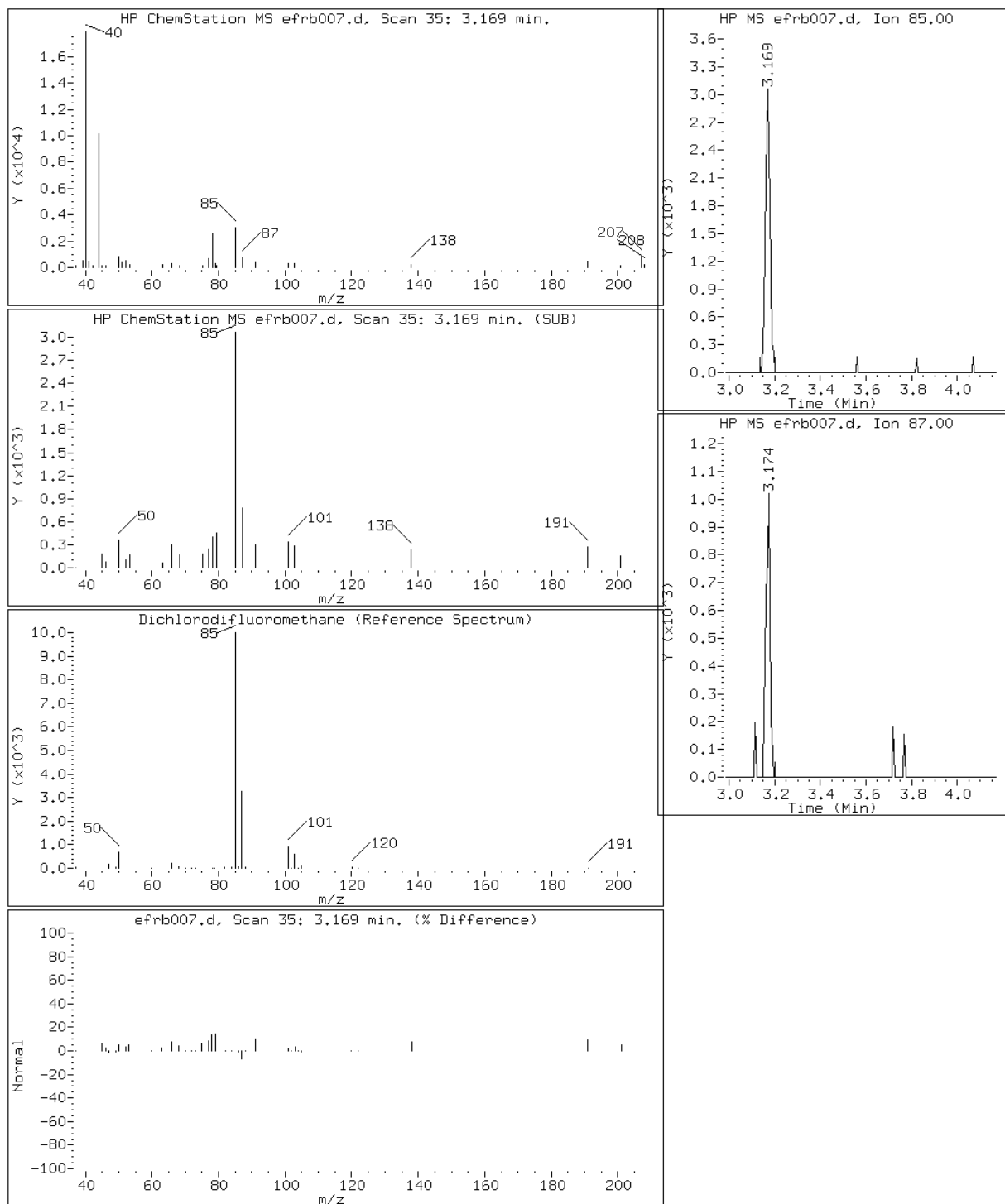
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

2 Dichlorodifluoromethane



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

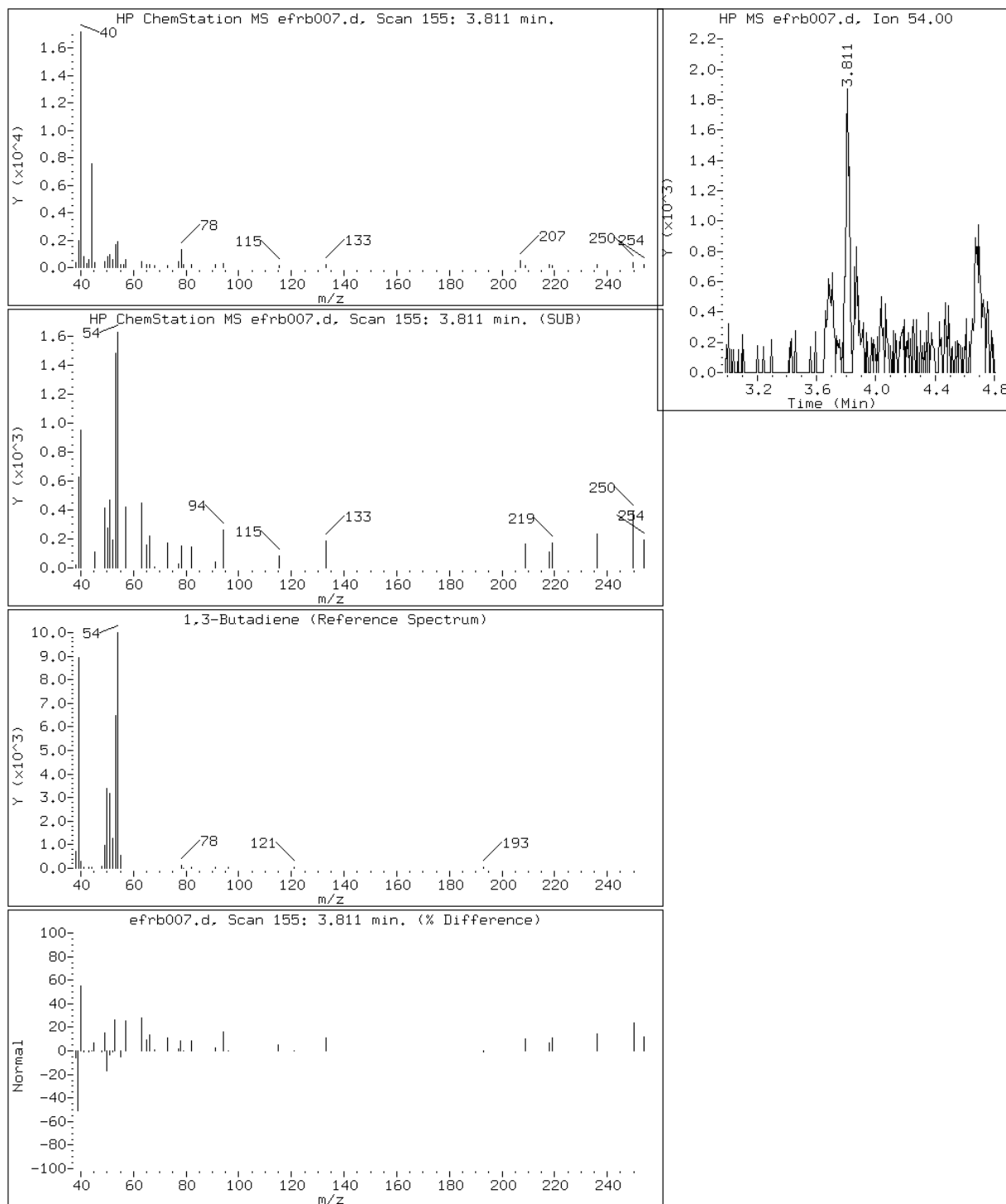
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

8 1,3-Butadiene



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

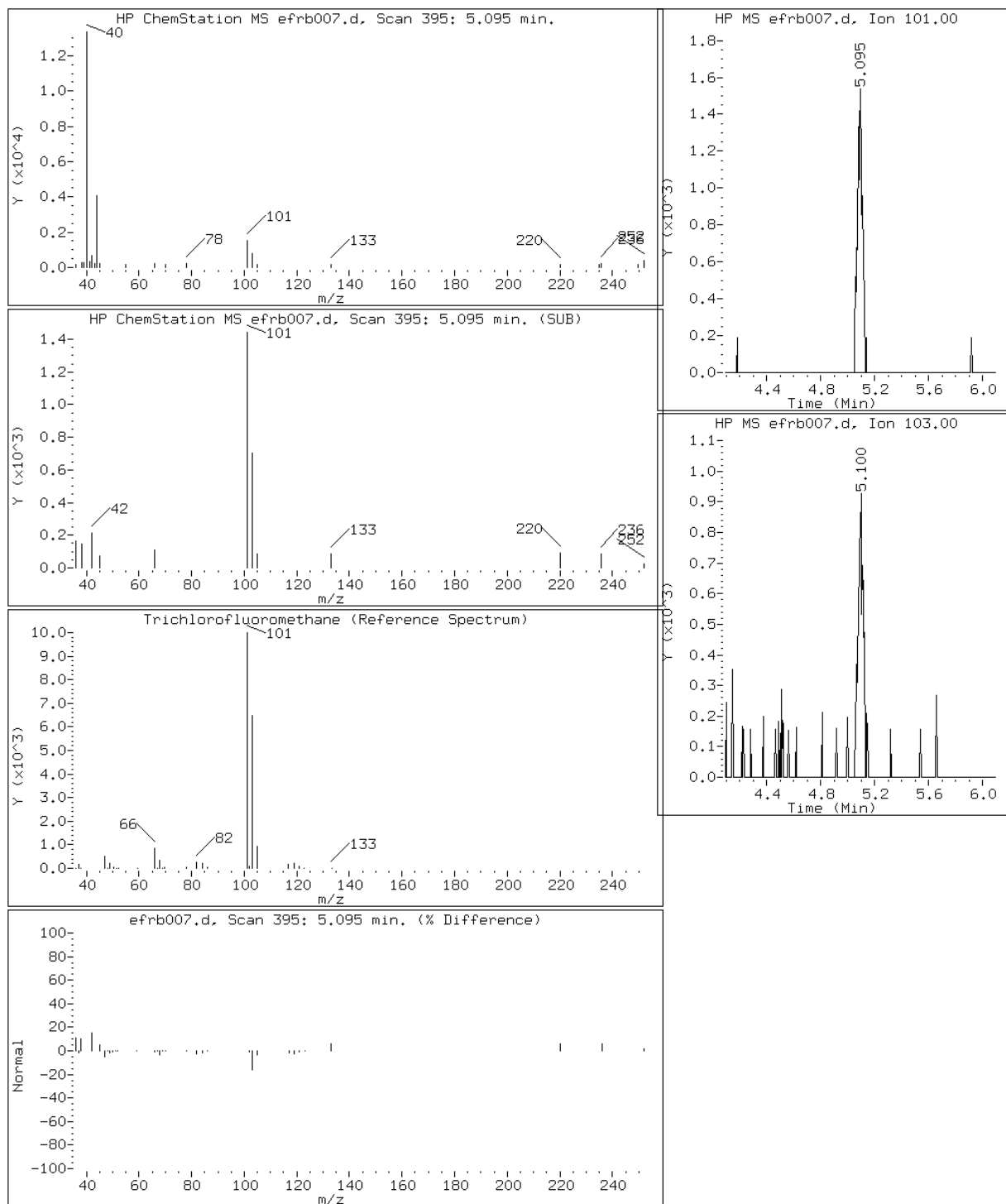
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

13 Trichlorofluoromethane



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

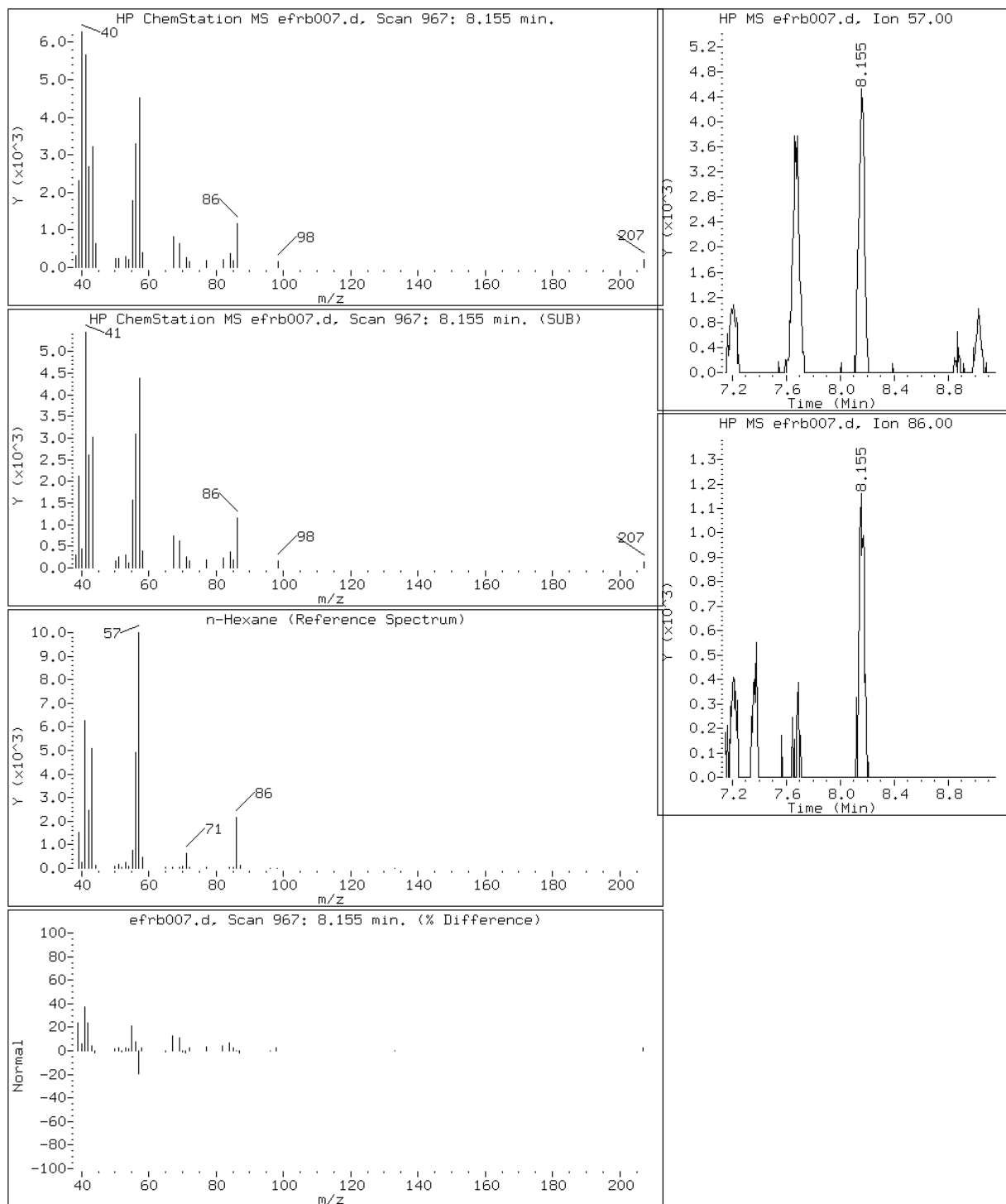
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

30 n-Hexane



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

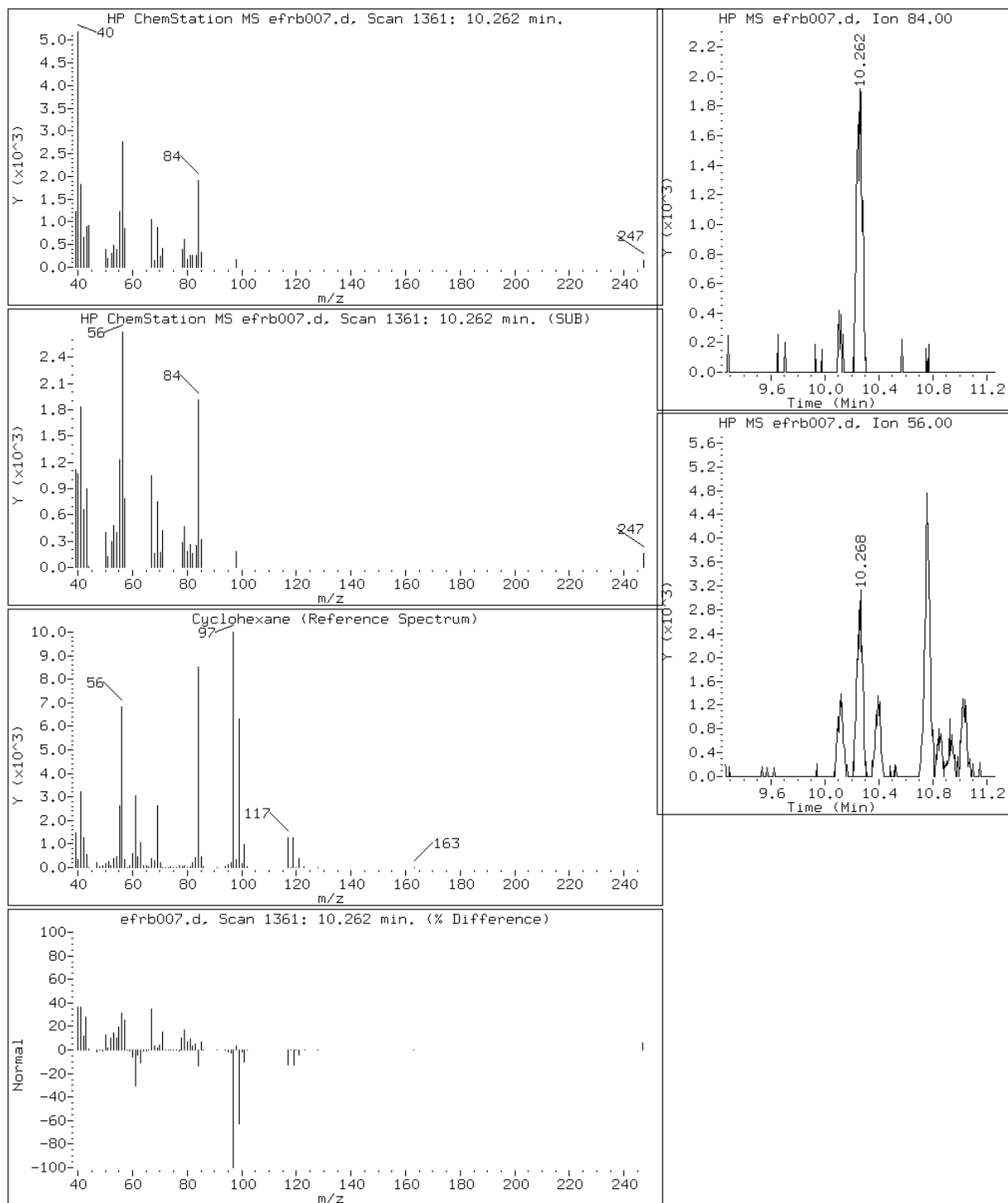
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

40 Cyclohexane



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

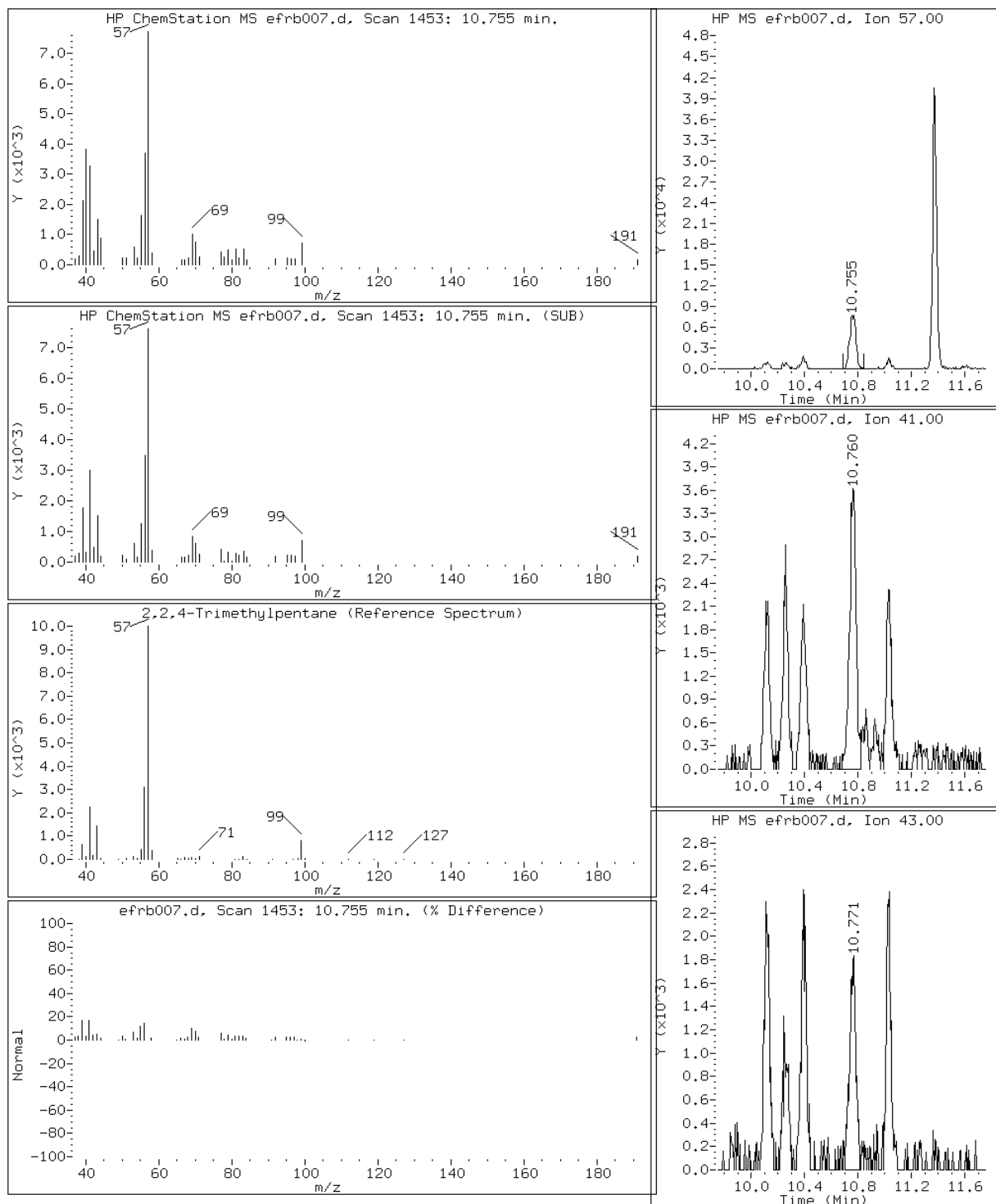
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

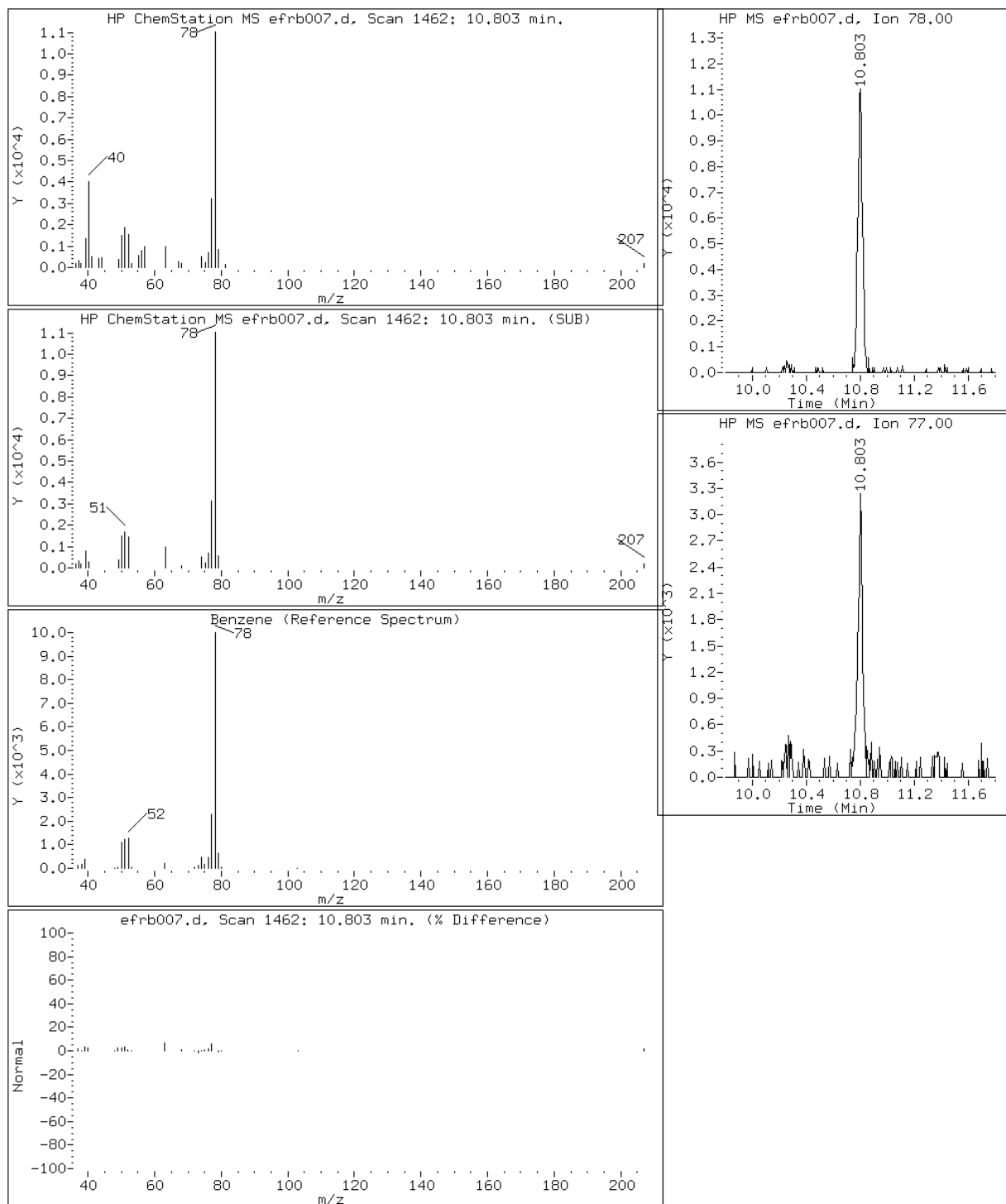
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

44 Benzene



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

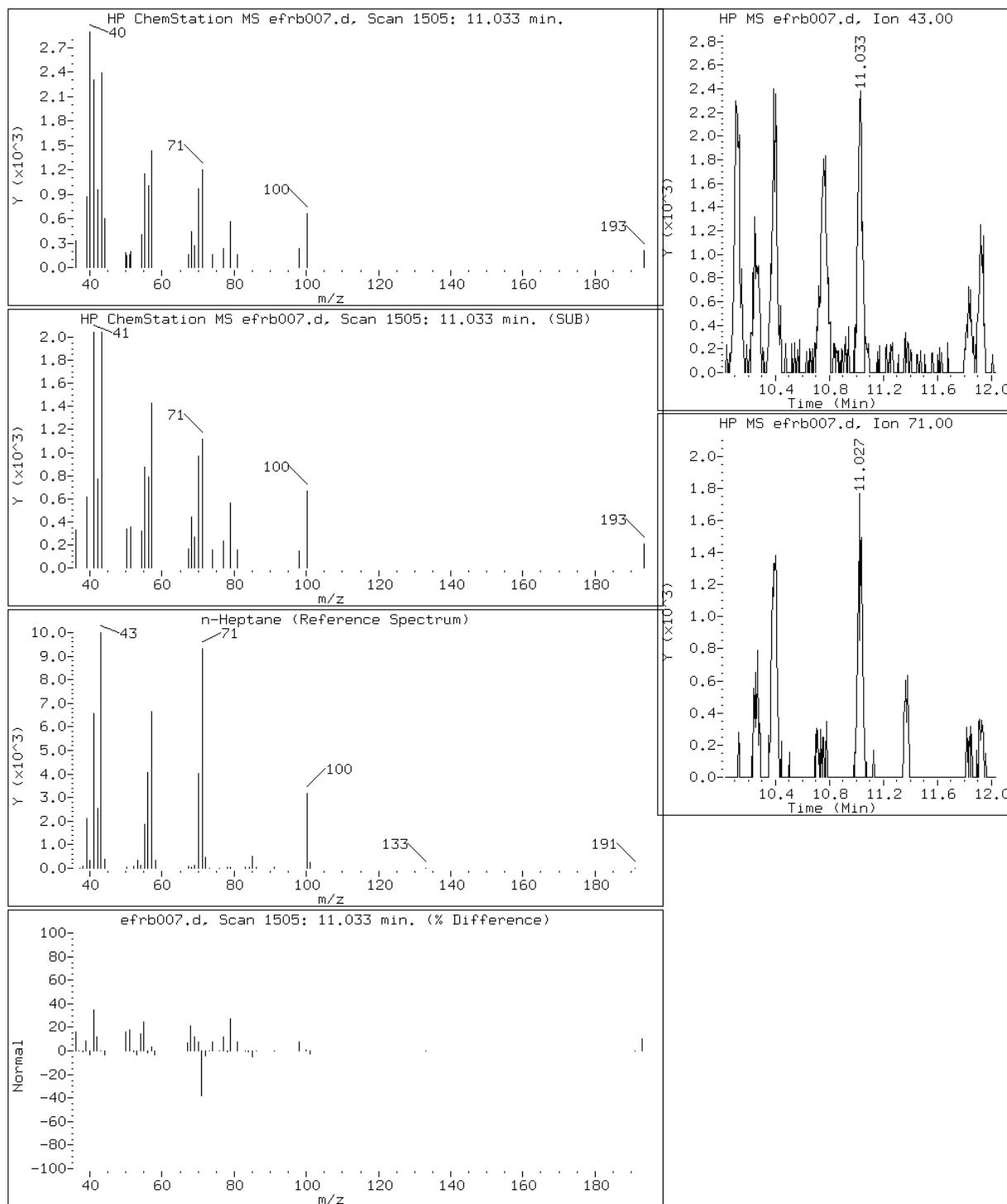
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

46 n-Heptane



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

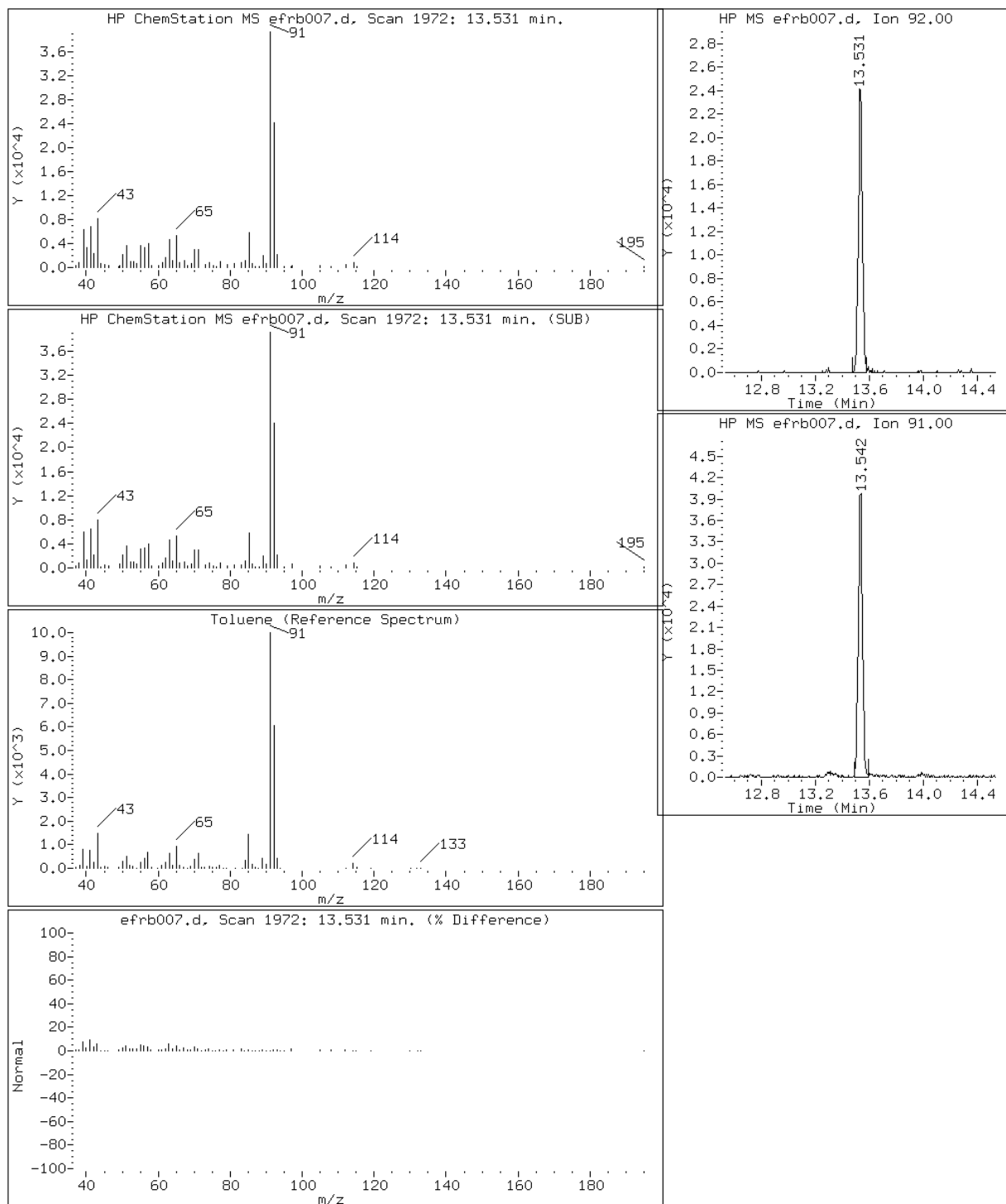
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

58 Toluene



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

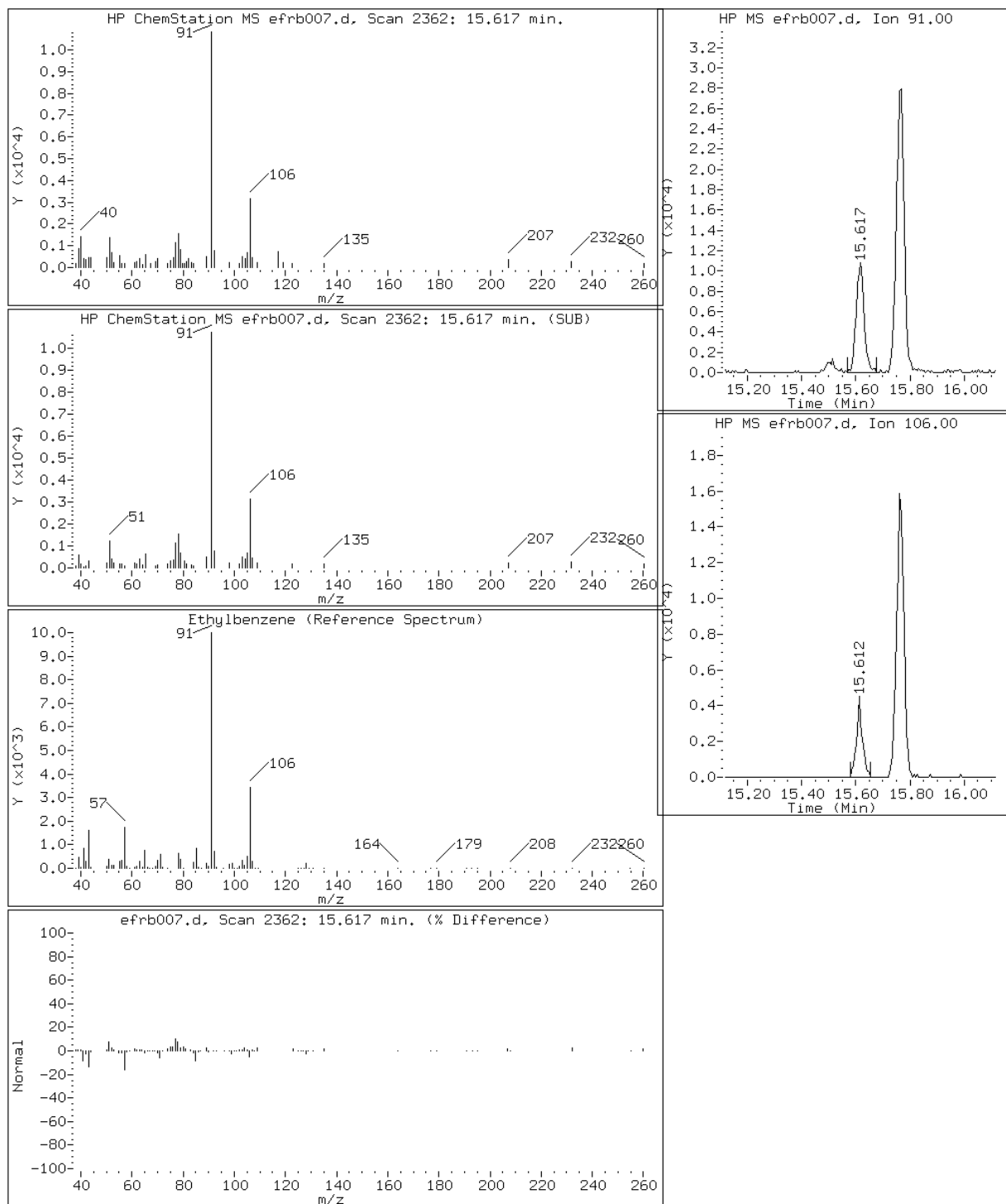
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

67 Ethylbenzene



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

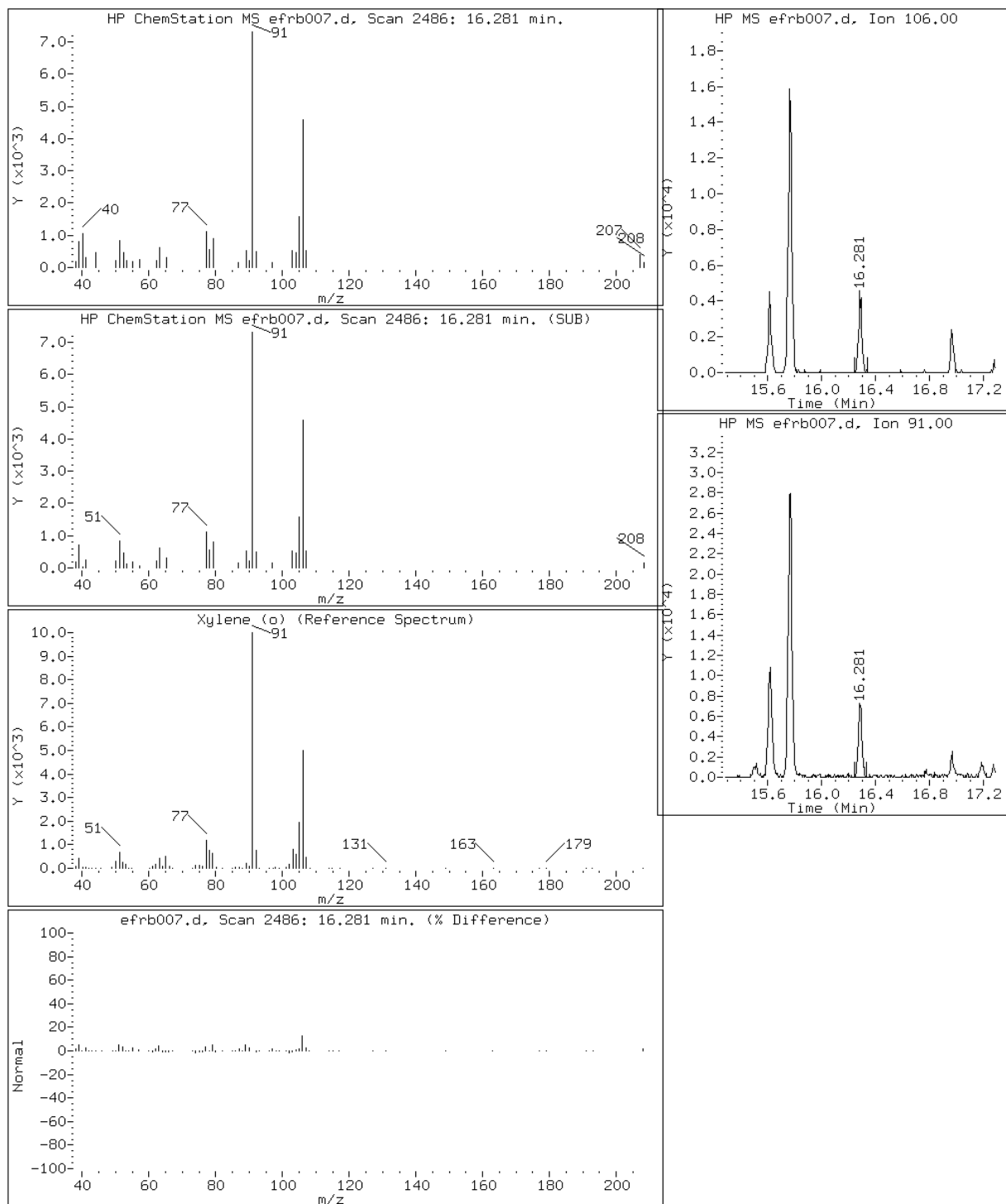
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

71 Xylene (o)



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

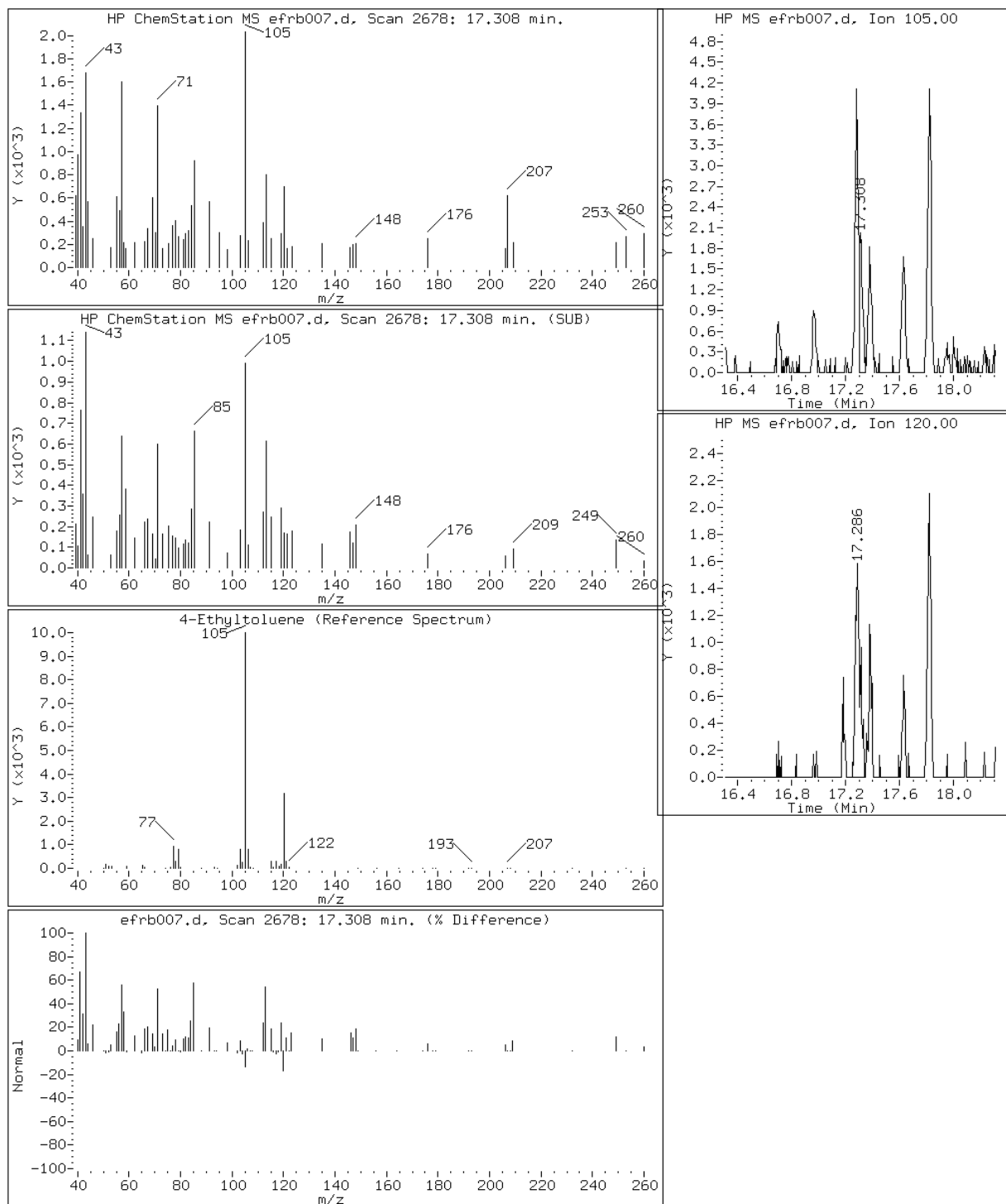
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

79 4-Ethyltoluene



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

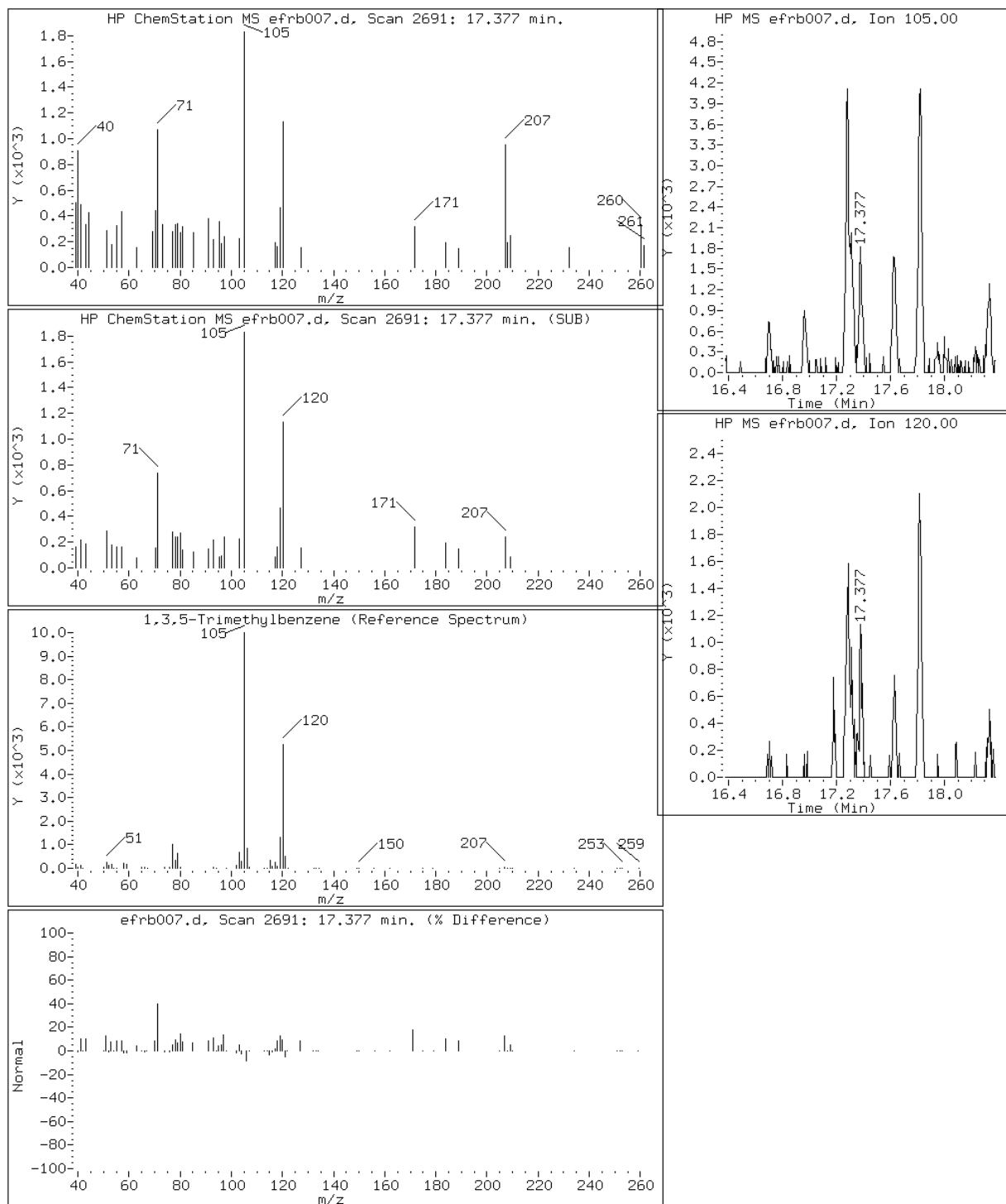
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

81 1,3,5-Trimethylbenzene



Data File: efrb007.d

Lab Sample ID: 200-15795-3

Date: 23-APR-2013 16:43

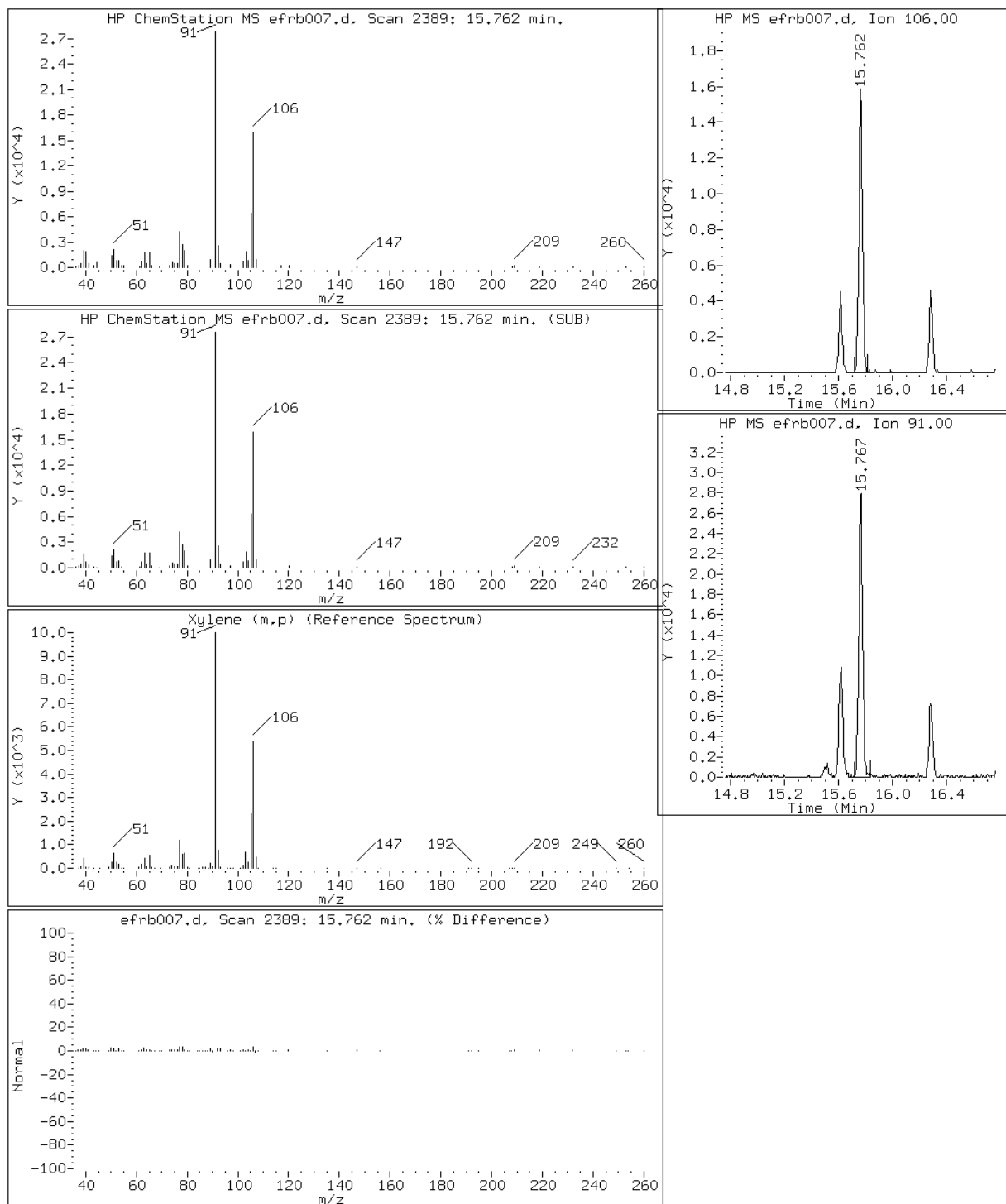
Client ID: 1-IA3-032813

Instrument: E.i

Sample Info: 200-15795-A-3

Operator: wrd

69 Xylene (m,p)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA4-032813 Lab Sample ID: 200-15795-4
 Matrix: Air Lab File ID: efra026.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 13:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 07:58
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.20		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U *	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	1.3		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.38		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.065		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.91		0.040	0.040
71-43-2	Benzene	78.11	0.47		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.44		0.040	0.040
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	2.5		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.045		0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA4-032813 Lab Sample ID: 200-15795-4
 Matrix: Air Lab File ID: efra026.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 13:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 07:58
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.56		0.040	0.040
95-47-6	o-Xylene	106.17	0.71		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U ^	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.19		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.25		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	1.7		0.080	0.040
1330-20-7	Xylenes, Total	106.17	2.4		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-IA4-032813 Lab Sample ID: 200-15795-4
 Matrix: Air Lab File ID: efra026.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 13:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 07:58
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.1		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U *	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	4.5		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	1.3		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.41		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	4.3		0.19	0.19
71-43-2	Benzene	78.11	1.5		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.8		0.16	0.16
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	9.5		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.30		0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Client Sample ID: 1-IA4-032813 Lab Sample ID: 200-15795-4
Matrix: Air Lab File ID: efra026.d
Analysis Method: TO15 LL Date Collected: 03/28/2013 13:00
Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 07:58
Soil Aliquot Vol: _____ Dilution Factor: 4
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	2.4		0.17	0.17
95-47-6	o-Xylene	106.17	3.1		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U ^	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.94		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	1.2		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	7.6		0.35	0.17
1330-20-7	Xylenes, Total	106.17	11		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15795-4
Client Smp ID: 1-IA4-032813
Inj Date : 23-APR-2013 07:58
Operator : wrd
Smp Info : 200-15795-A-4
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
Meth Date : 24-Apr-2013 08:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 13
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
2 Dichlorodifluoromethane	85		3.169	3.169	(0.319)	48815	0.10192	0.41
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
7 Vinyl chloride	62							
8 1,3-Butadiene	54		3.800	3.805	(0.383)	1307	0.01821	0.073(a)
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101		5.095	5.095	(0.513)	27281	0.05077	0.20
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.218	6.213	(0.626)	4688	0.01818	0.073(a)
19 1,1-Dichloroethene	96							
22 Allyl chloride	41							
25 Methylene chloride	49		7.363	7.358	(0.742)	5257	0.05868	0.23(a)
27 1,2-Dichloroethene (trans)	61							
28 Methyl tert-butyl ether	73							

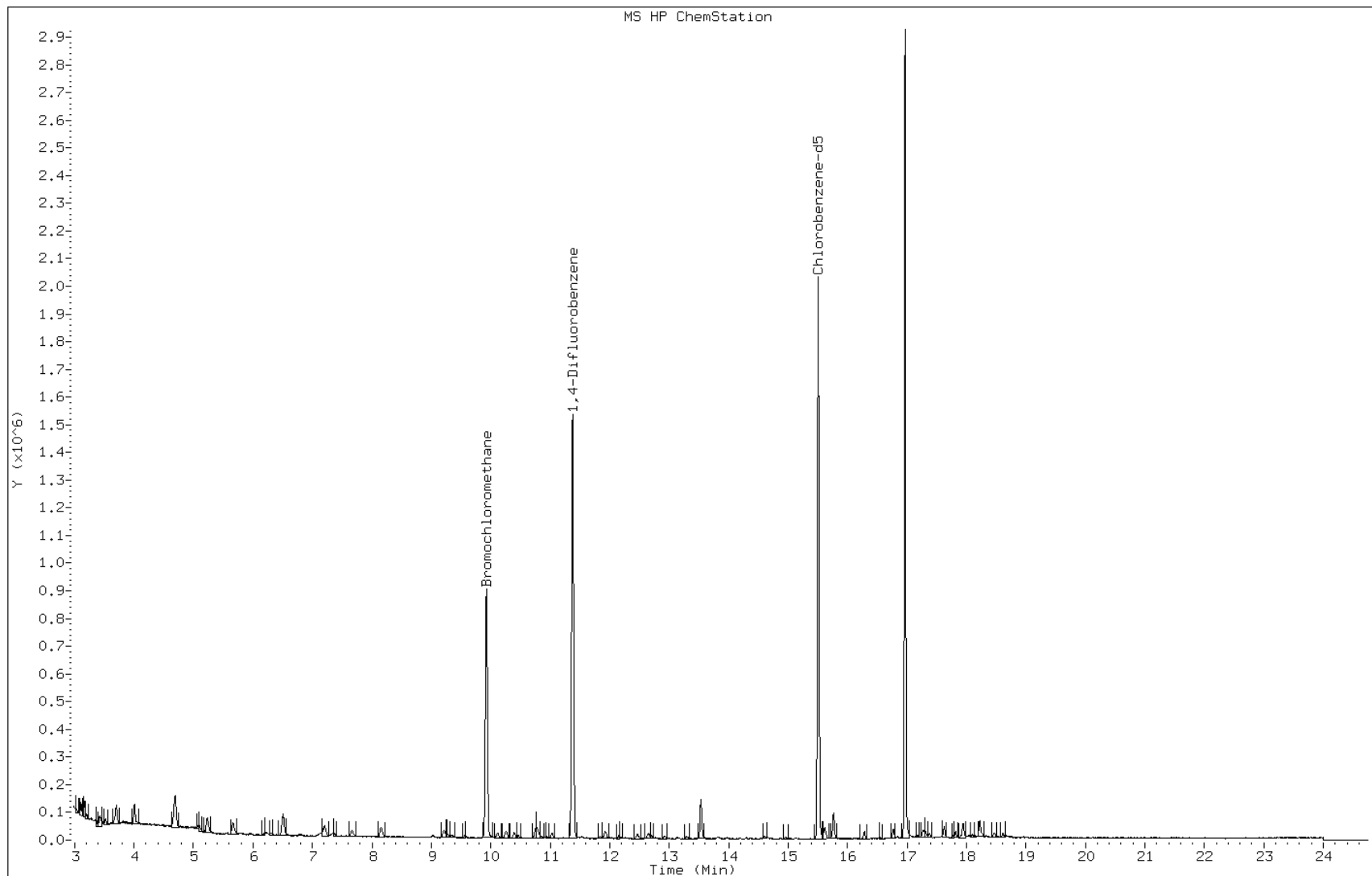
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.155	8.149	(0.822)	18269	0.32181	1.3
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	348014	2.00000	
39 Chloroform	83	10.027	10.011	(1.010)	2347	0.00972	0.039(aQ)
40 Cyclohexane	84	10.257	10.262	(0.902)	7219	0.09430	0.38(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.455	10.460	(0.919)	7534	0.01629	0.065
43 2,2,4-Trimethylpentane	57	10.765	10.755	(0.946)	39535	0.22795	0.91
44 Benzene	78	10.803	10.803	(0.950)	22584	0.11769	0.47
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.038	11.033	(0.970)	6320	0.11020	0.44
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1547593	2.00000	
49 Trichloroethene	95	Compound Not Detected.					
50 1,2-Dichloropropane	63	Compound Not Detected.					
54 Bromodichloromethane	83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
58 Toluene	92	13.536	13.536	(0.873)	63824	0.63289	2.5
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.296	14.296	(0.922)	2096	0.01117	0.045
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1351151	2.00000	
67 Ethylbenzene	91	15.612	15.618	(1.007)	27953	0.13993	0.56
69 Xylene (m,p)	106	15.762	15.762	(1.017)	32266	0.43511	1.7(Q)
M 70 Xylene, Total	106				40806	0.61166	2.4
71 Xylene (o)	106	16.281	16.286	(1.050)	8540	0.17655	0.71
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	5558	0.04773	0.19
81 1,3,5-Trimethylbenzene	105	17.378	17.378	(1.121)	5488	0.06206	0.25

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: efra026.d
Client ID: 1-IA4-032813
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15795-A-4
Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

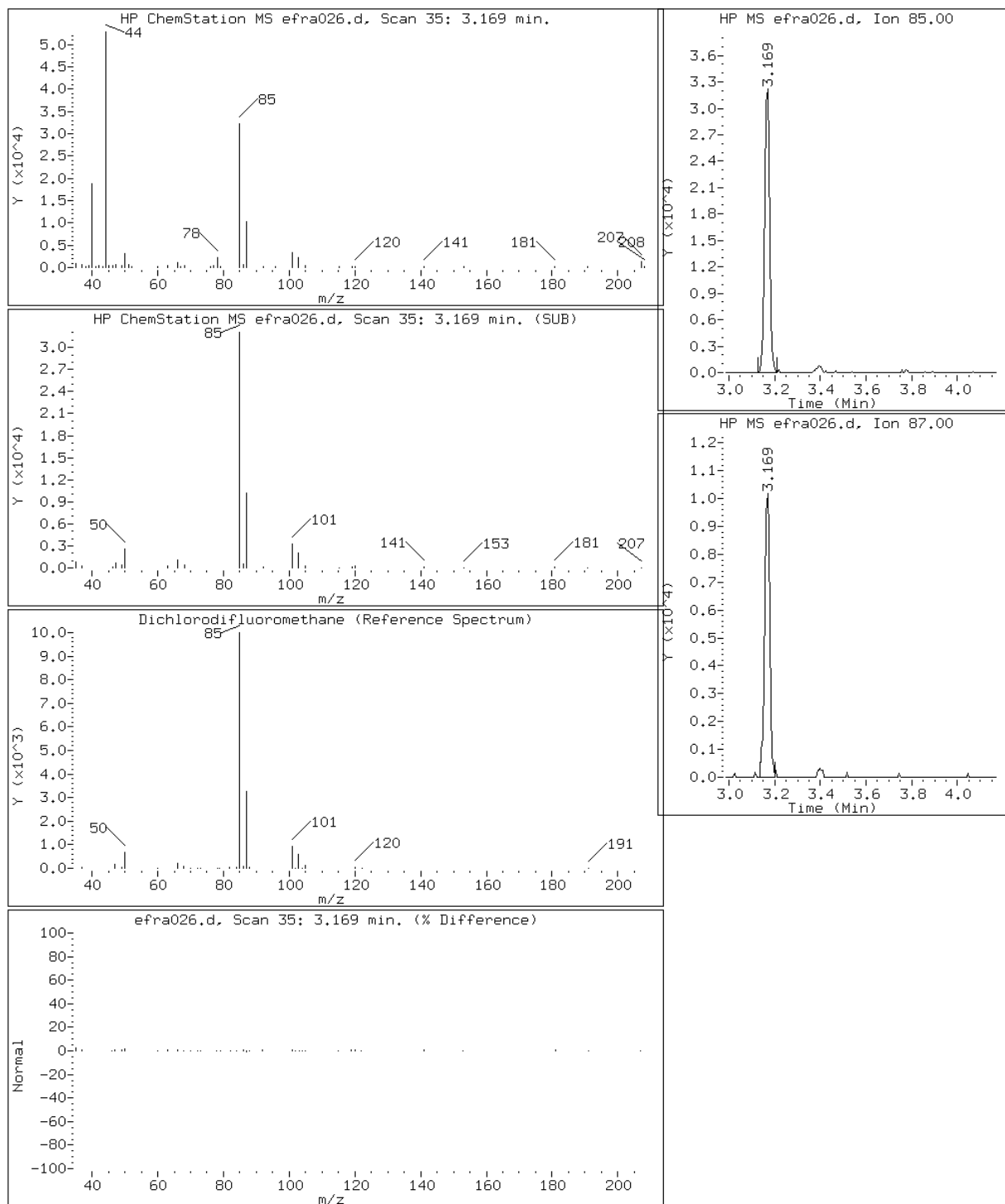
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

2 Dichlorodifluoromethane



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

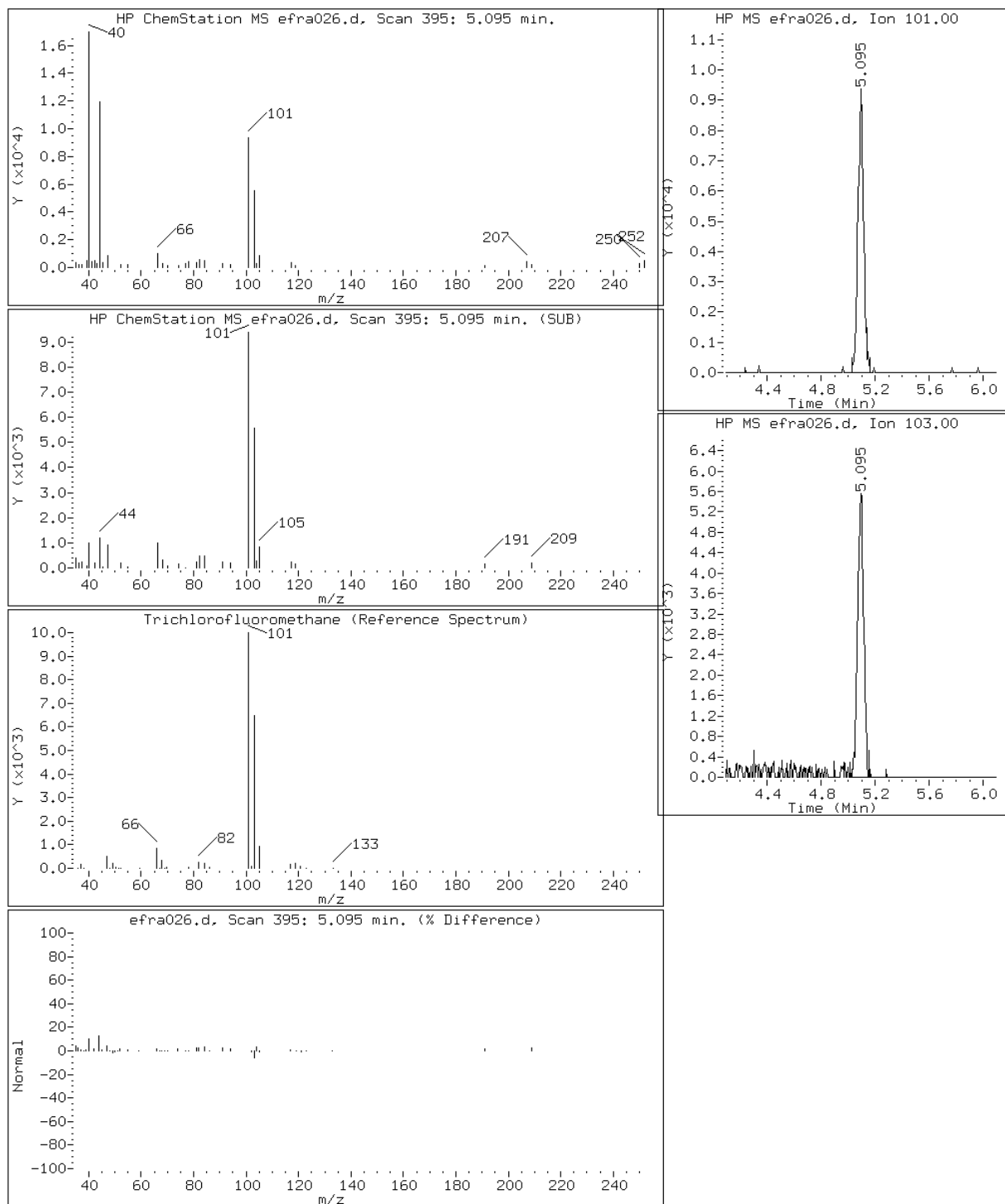
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

13 Trichlorofluoromethane



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

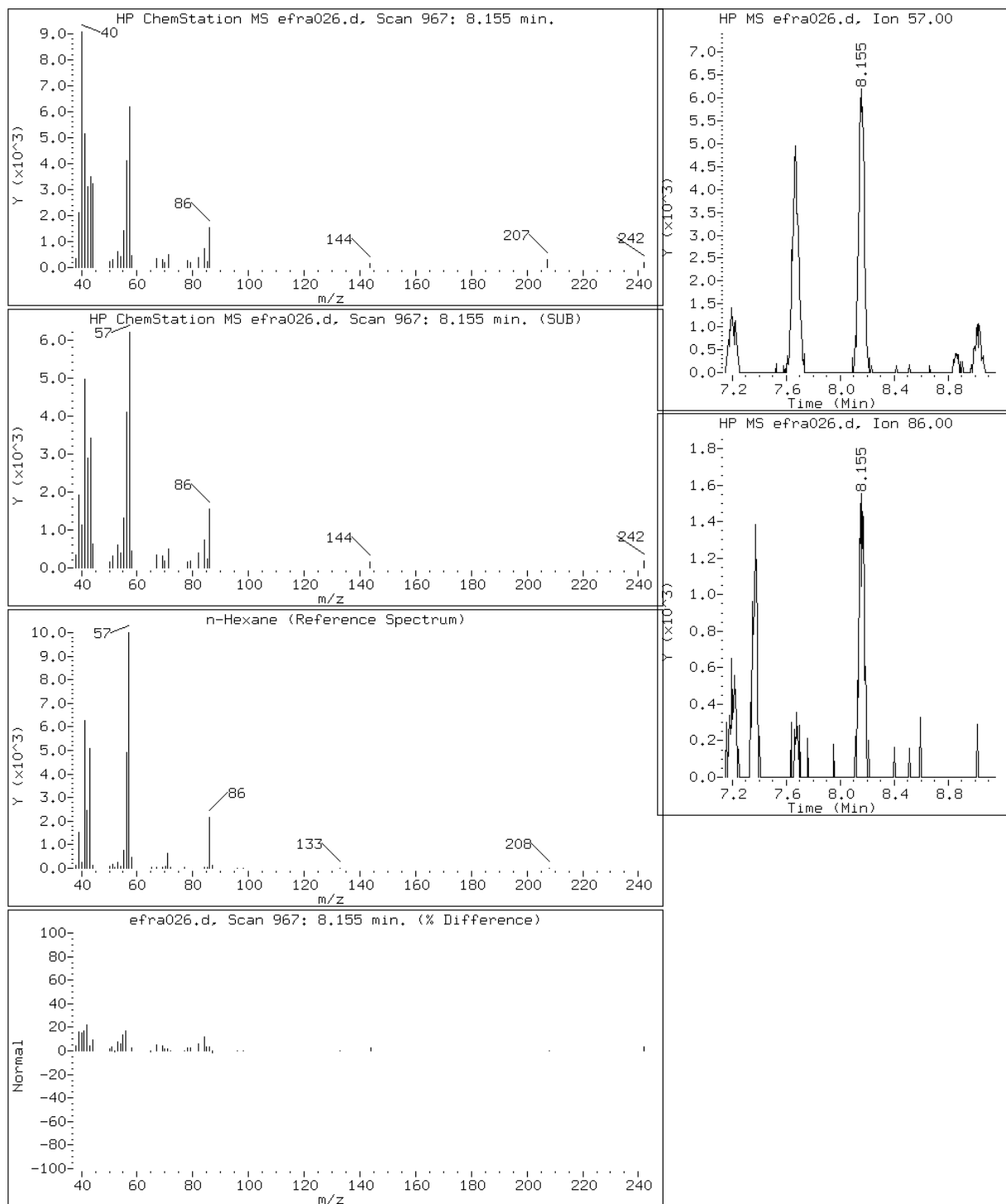
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

30 n-Hexane



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

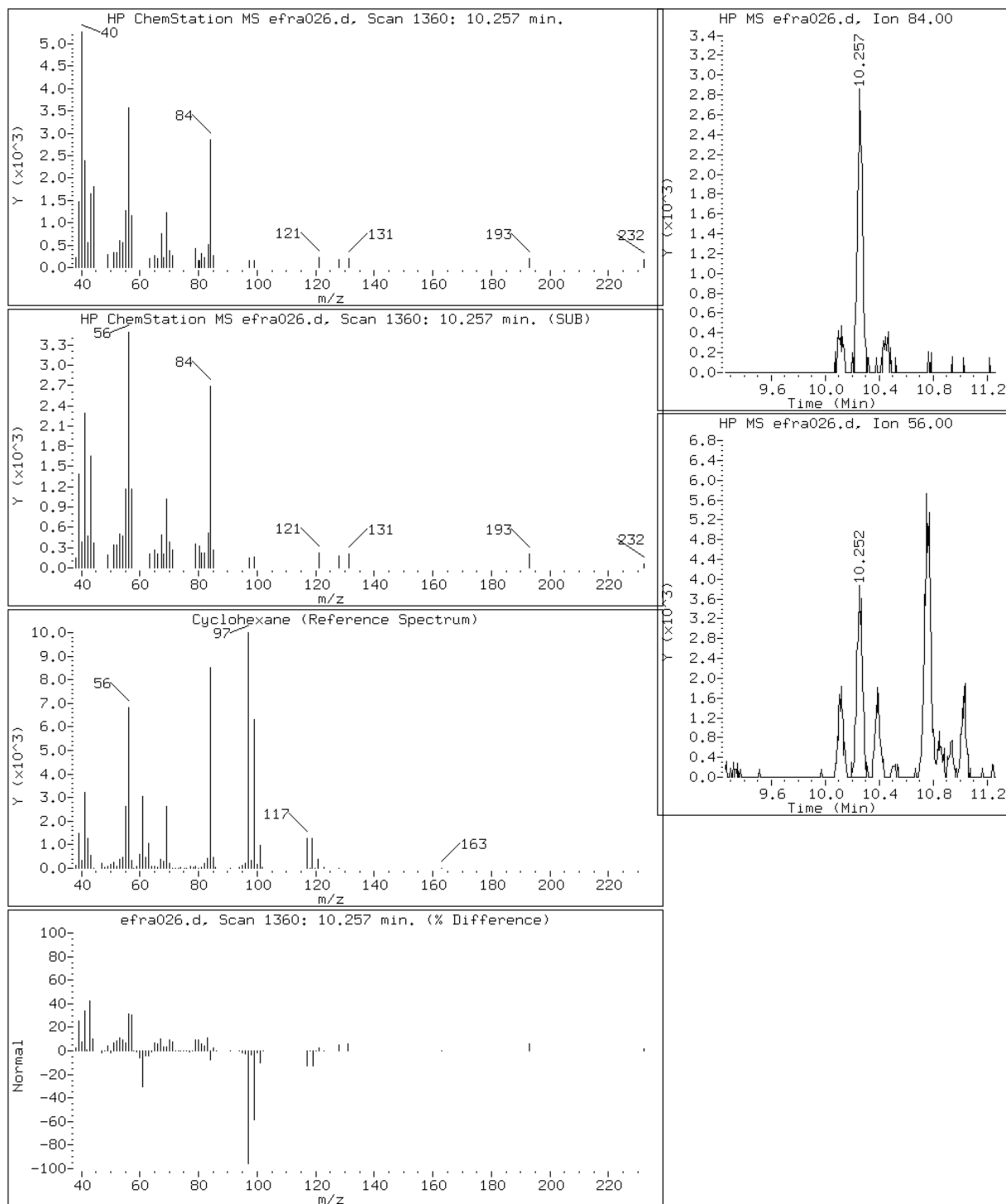
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

40 Cyclohexane



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

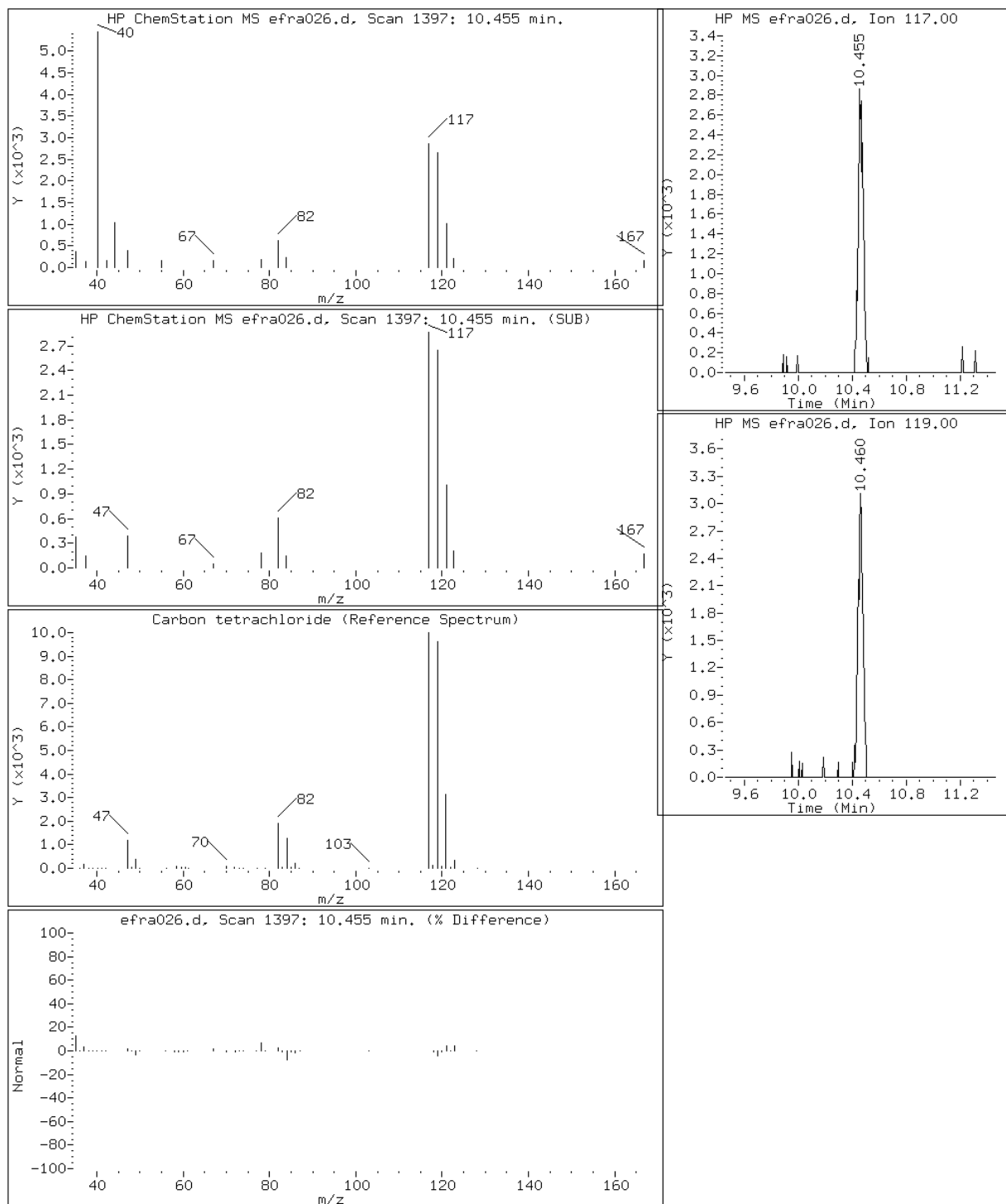
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

42 Carbon tetrachloride



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

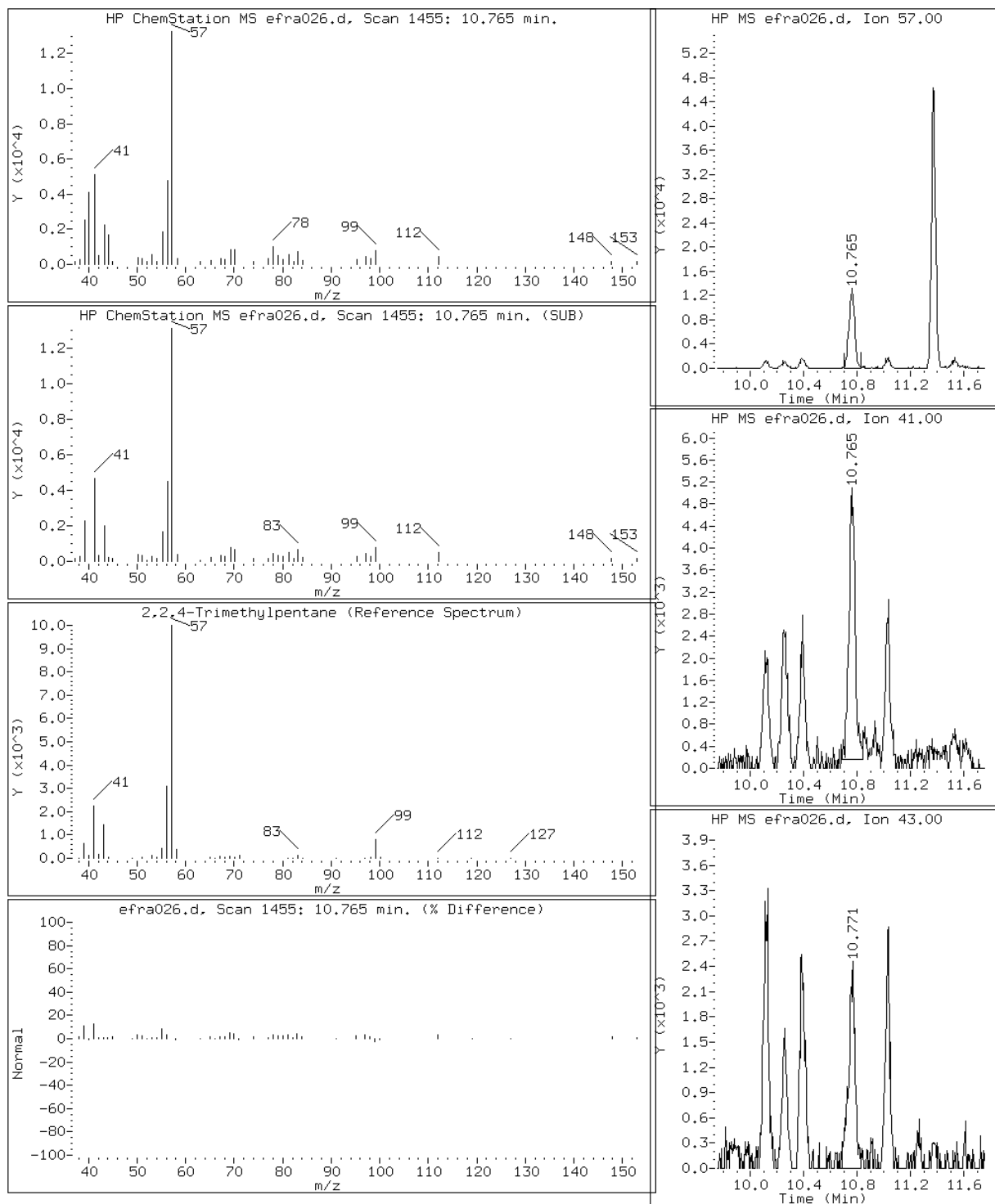
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

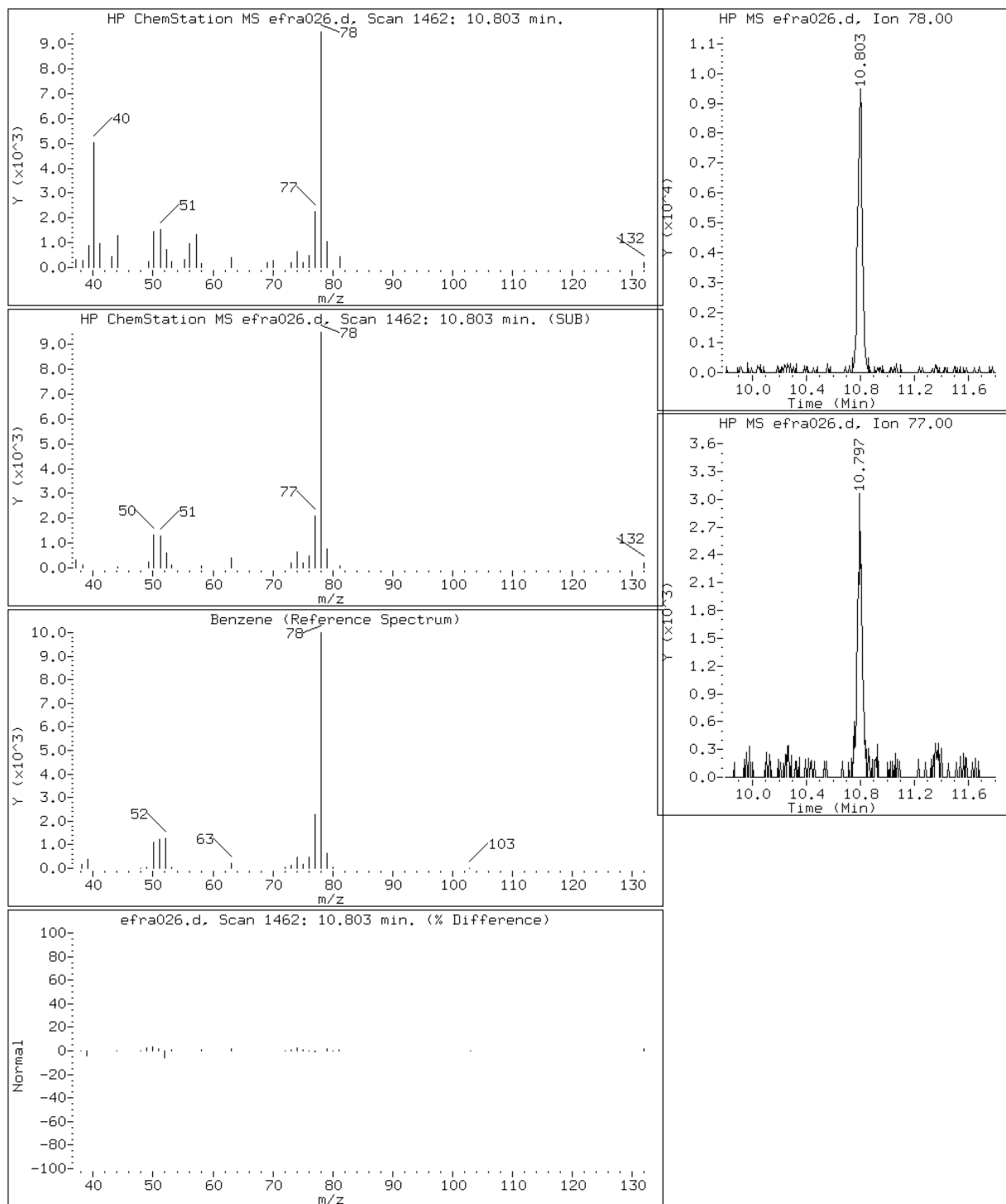
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

44 Benzene



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

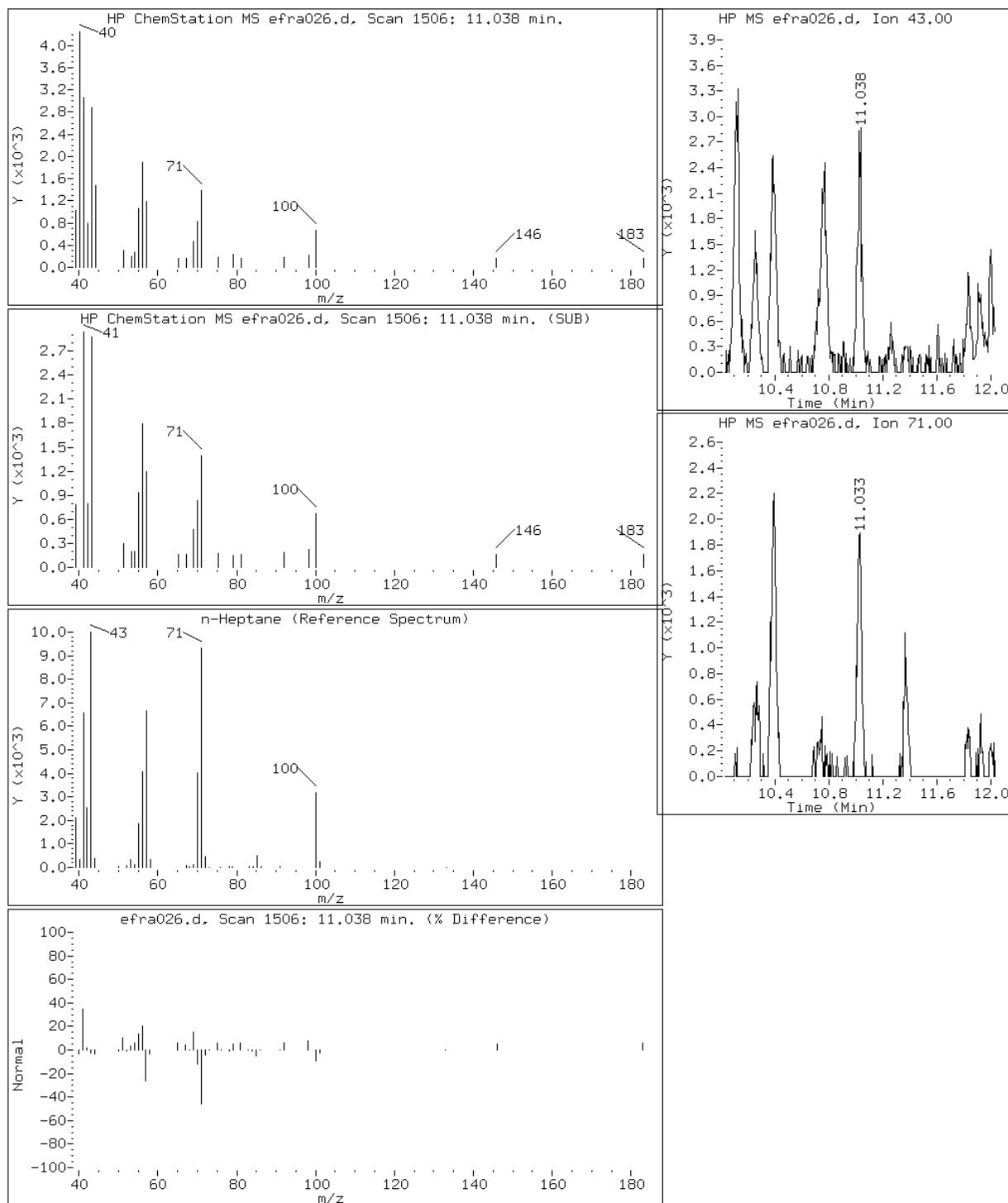
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

46 n-Heptane



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

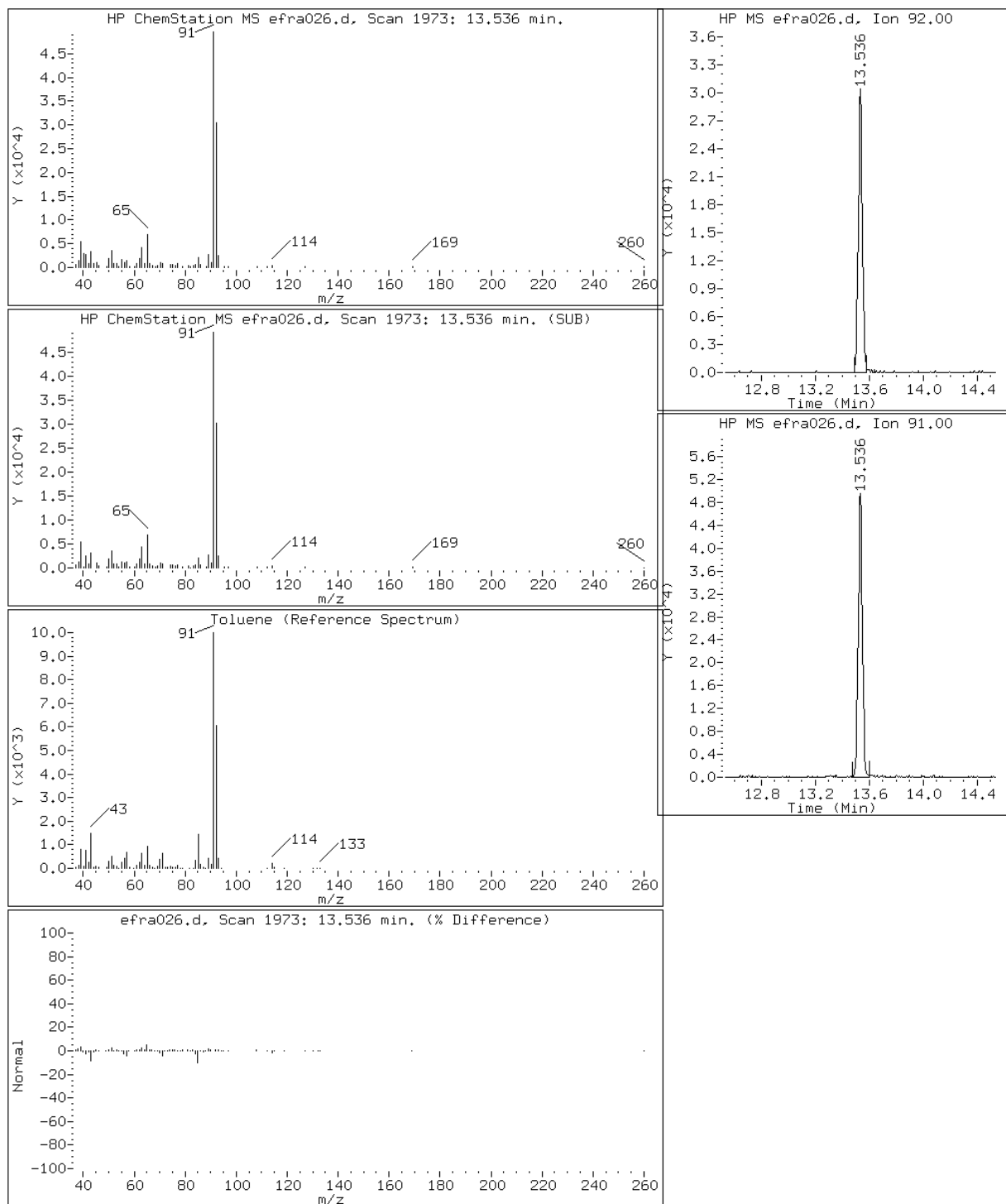
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

58 Toluene



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

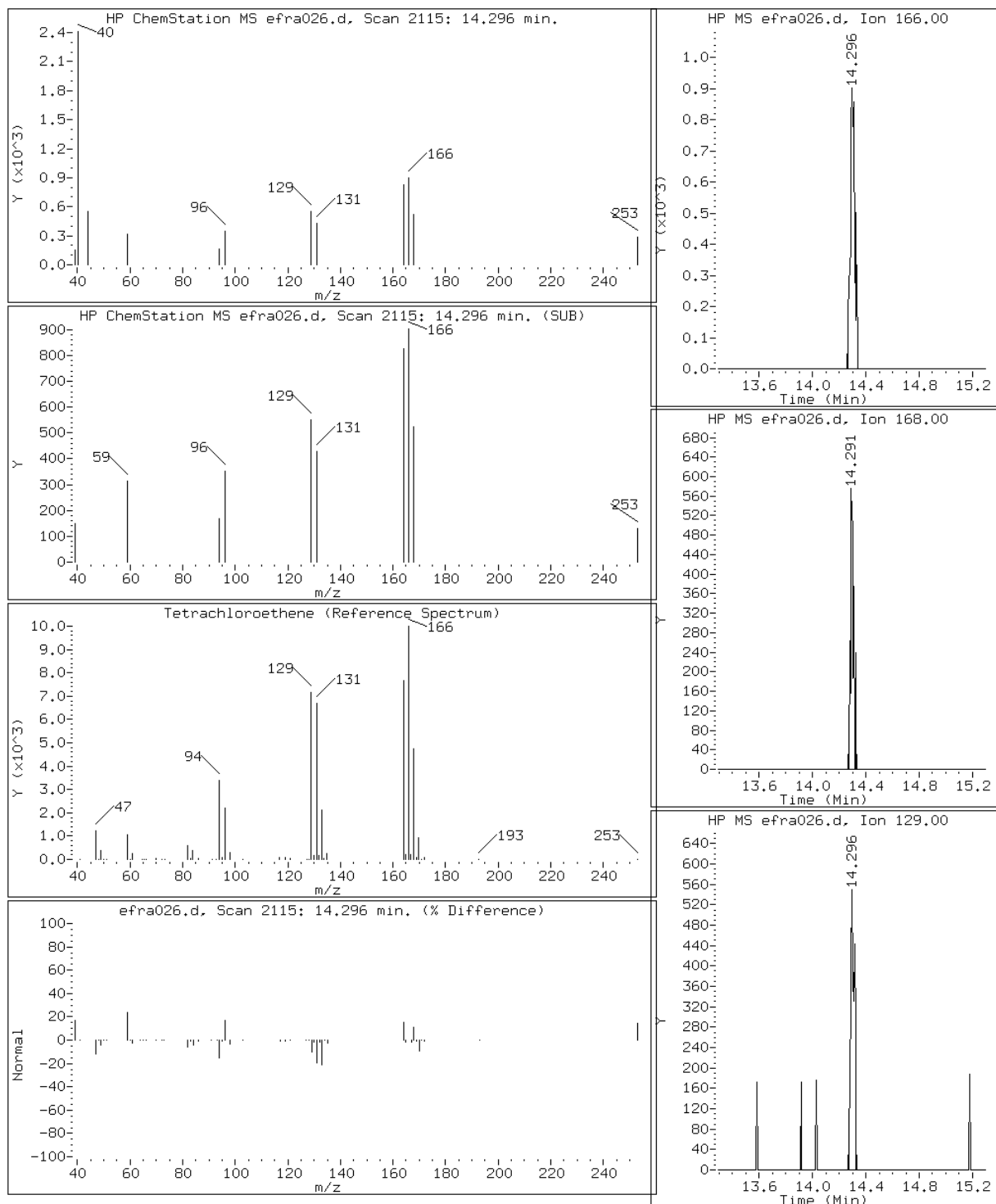
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

61 Tetrachloroethene



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

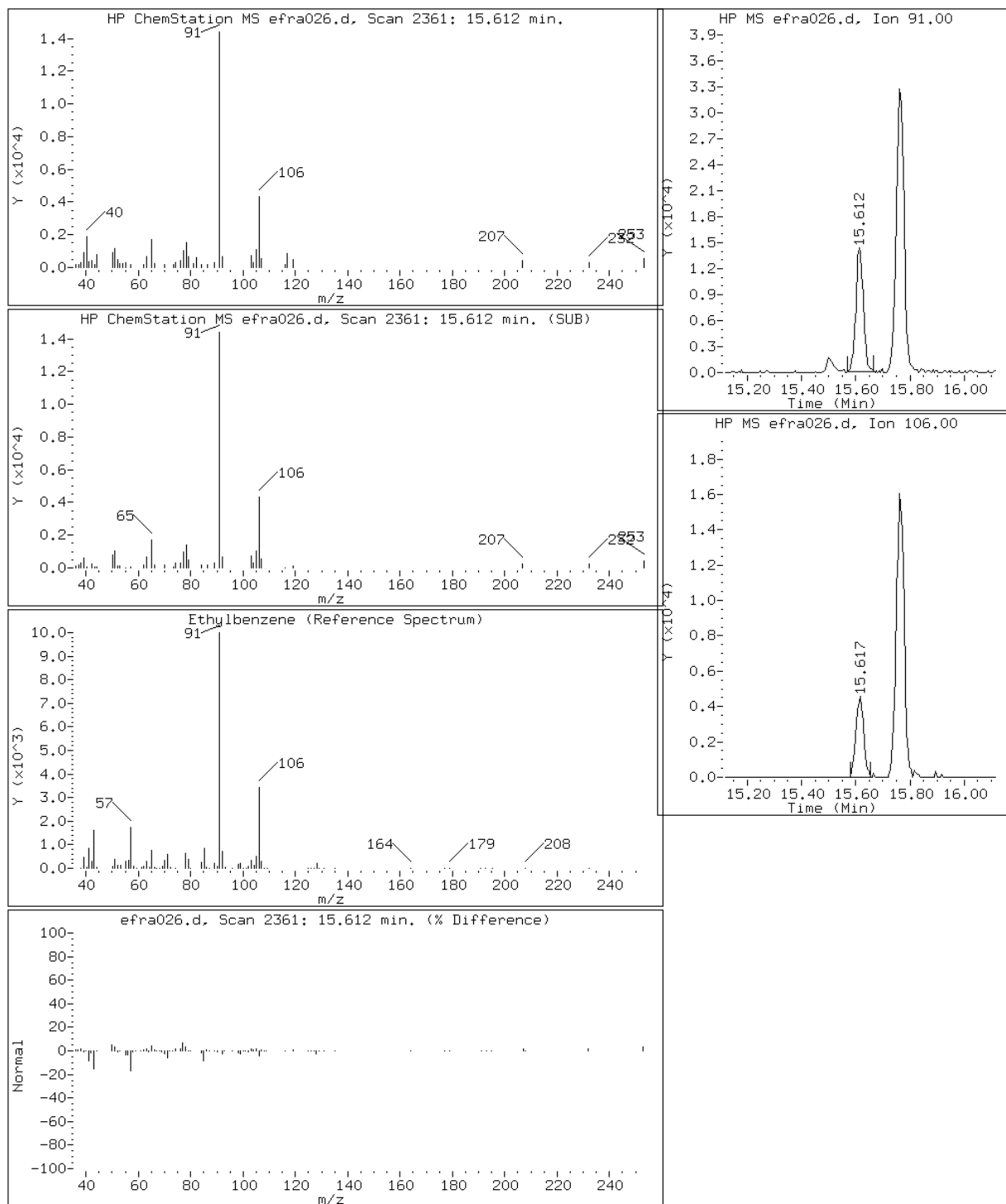
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

67 Ethylbenzene



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

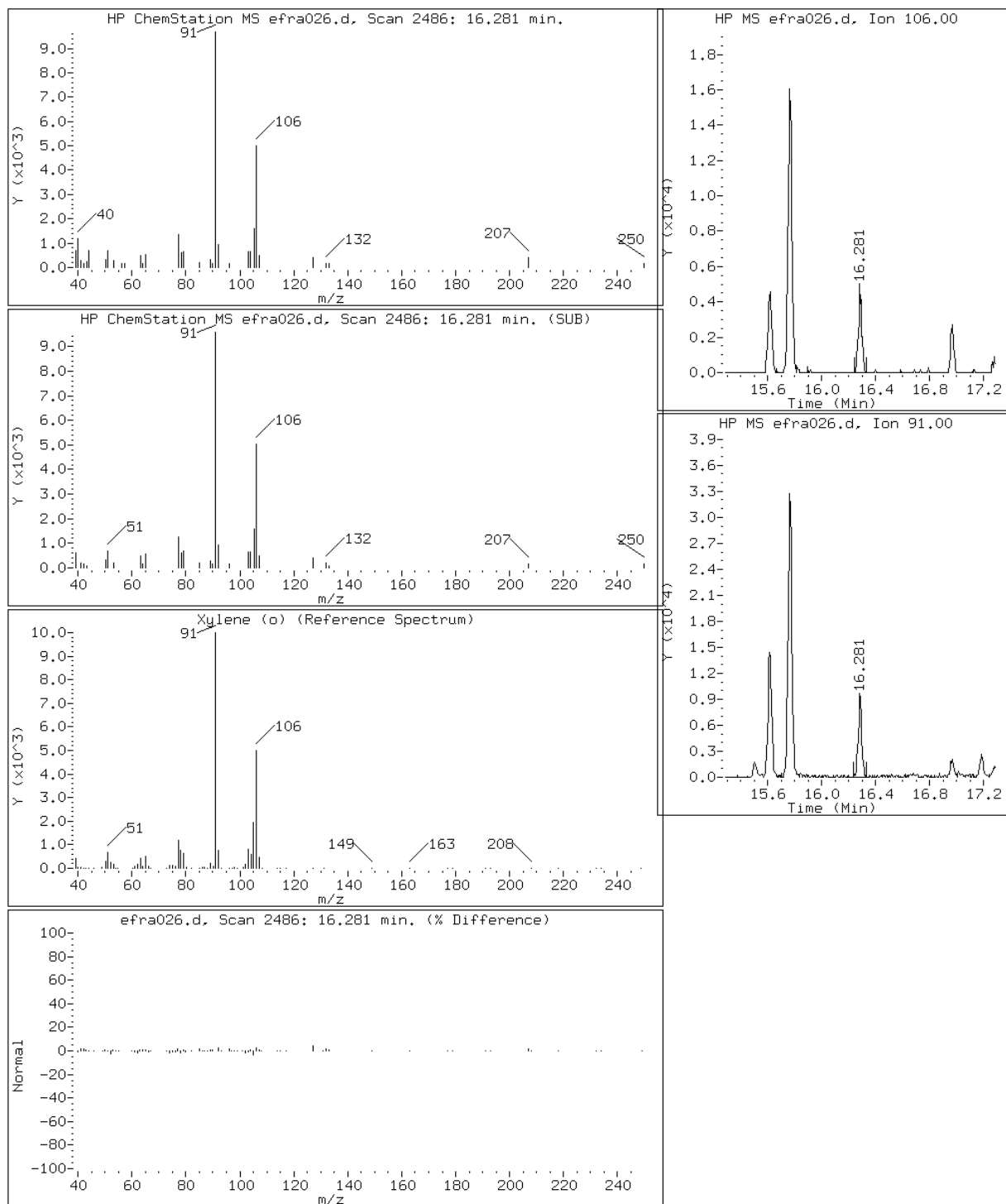
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

71 Xylene (o)



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

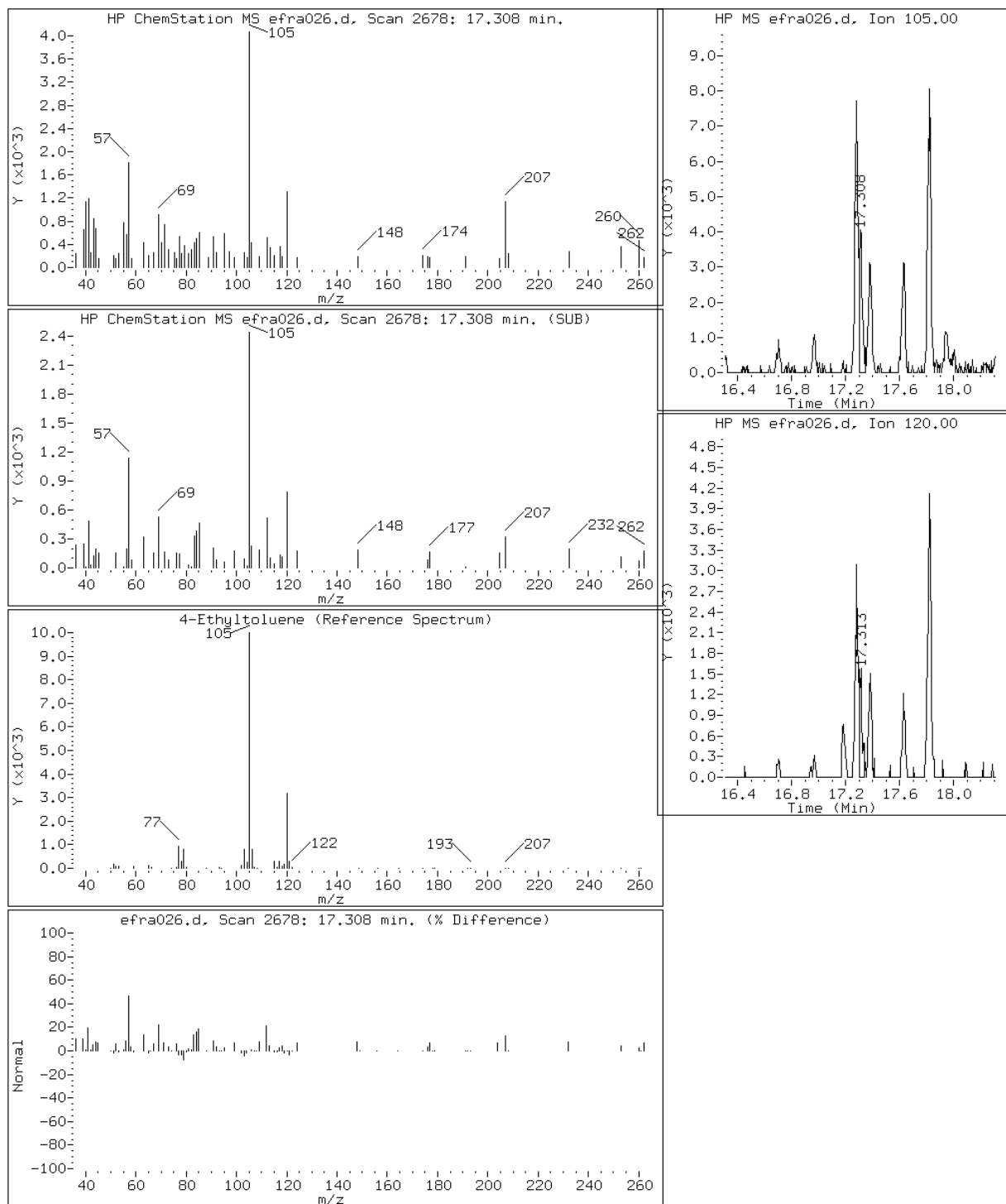
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

79 4-Ethyltoluene



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

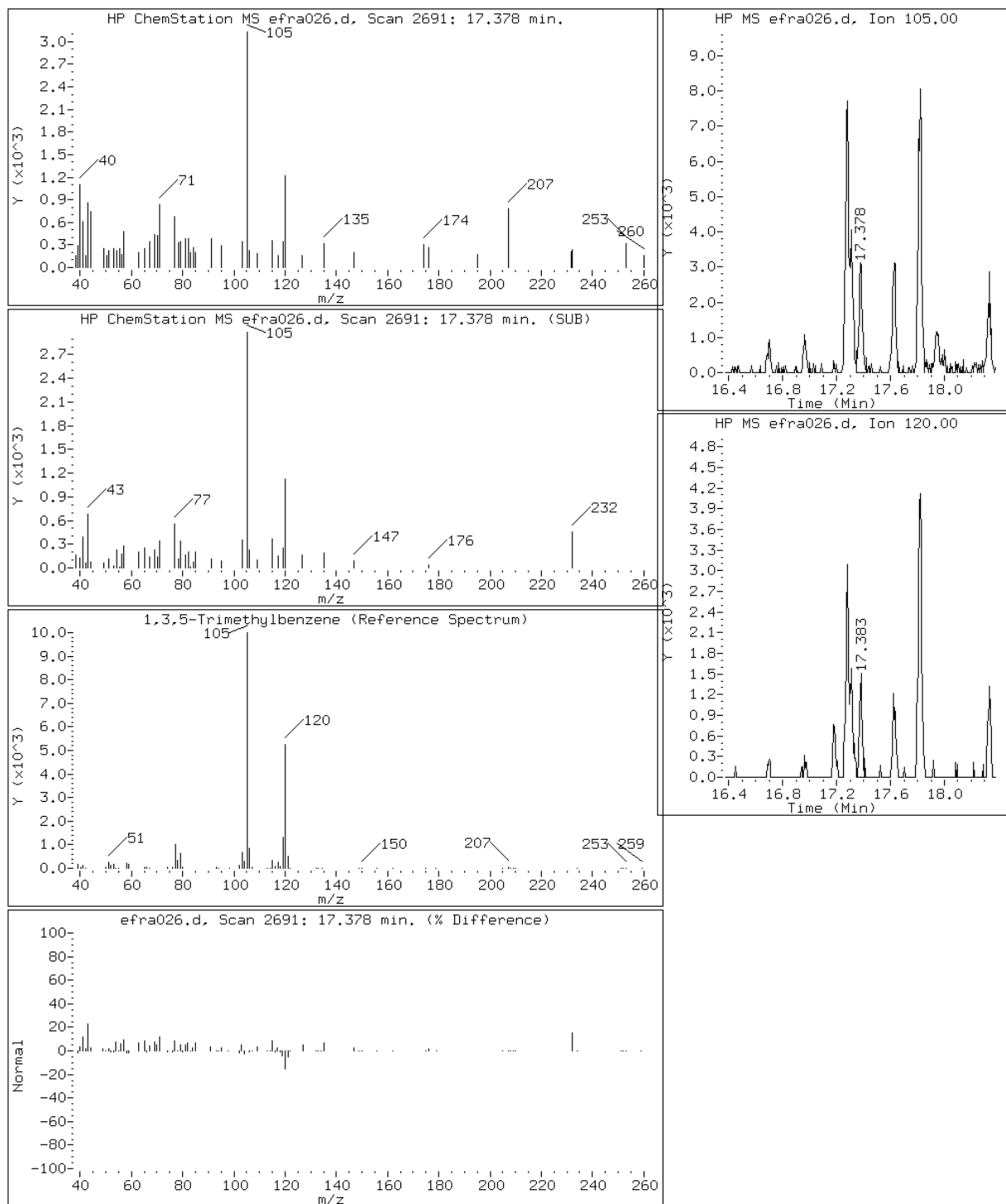
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

81 1,3,5-Trimethylbenzene



Data File: efra026.d

Lab Sample ID: 200-15795-4

Date: 23-APR-2013 07:58

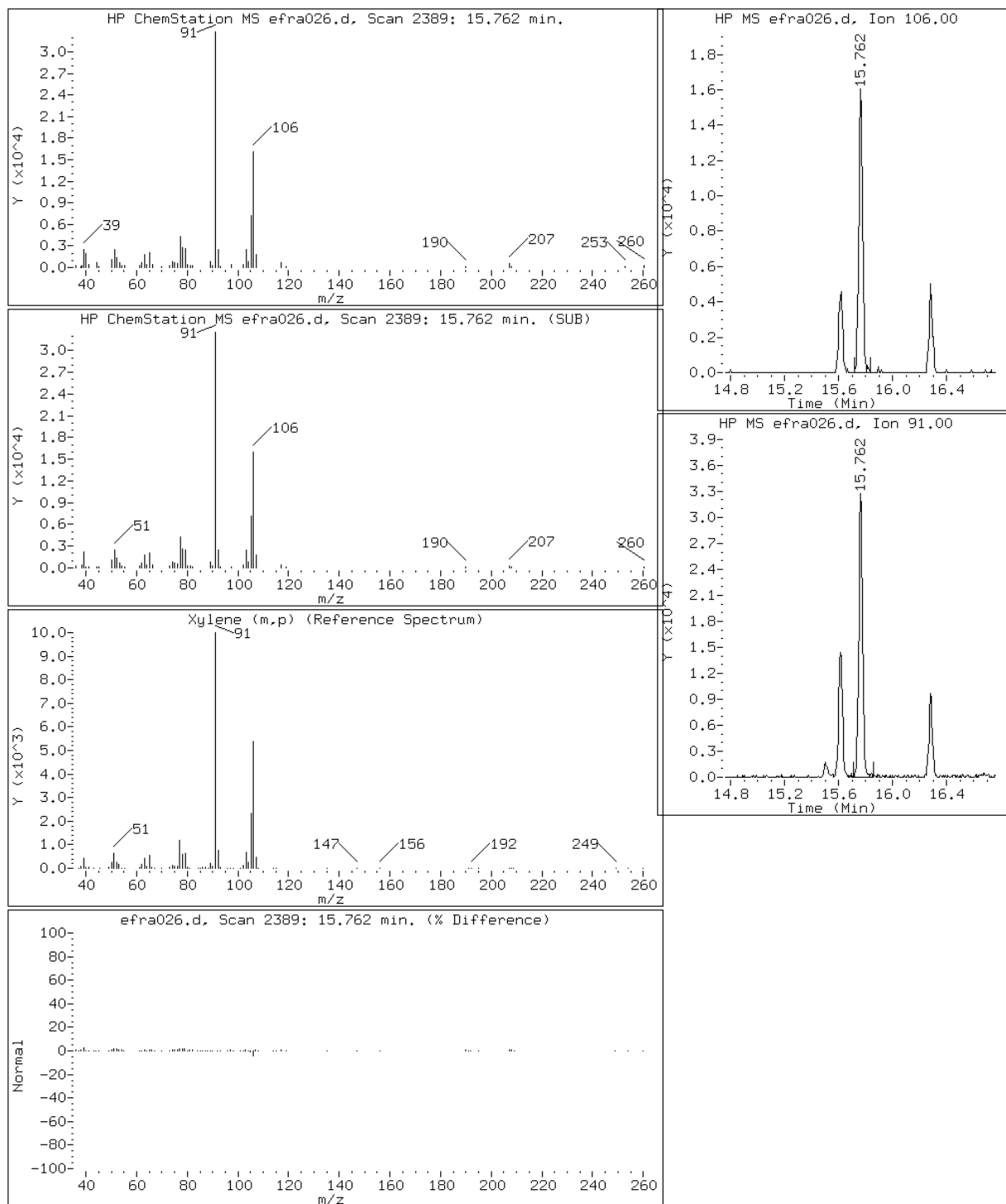
Client ID: 1-IA4-032813

Instrument: E.i

Sample Info: 200-15795-A-4

Operator: wrd

69 Xylene (m,p)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-AA1-032813 Lab Sample ID: 200-15795-5
 Matrix: Air Lab File ID: efra027.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 08:53
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.20		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U *	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.080	U	0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.074		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.040	0.040
71-43-2	Benzene	78.11	0.13		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.040	U	0.040	0.040
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	0.086		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-AA1-032813 Lab Sample ID: 200-15795-5
 Matrix: Air Lab File ID: efra027.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 08:53
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.040	U	0.040	0.040
95-47-6	o-Xylene	106.17	0.040	U	0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U ^	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.080	U	0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.080	U	0.080	0.040
1330-20-7	Xylenes, Total	106.17	0.066		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-AA1-032813 Lab Sample ID: 200-15795-5
 Matrix: Air Lab File ID: efra027.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 08:53
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.1		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U *	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	0.28	U	0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.14	U	0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.47		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.19	0.19
71-43-2	Benzene	78.11	0.42		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.16	U	0.16	0.16
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	0.32		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: 1-AA1-032813 Lab Sample ID: 200-15795-5
 Matrix: Air Lab File ID: efra027.d
 Analysis Method: TO15 LL Date Collected: 03/28/2013 15:00
 Sample wt/vol: 125(mL) Date Analyzed: 04/23/2013 08:53
 Soil Aliquot Vol: Dilution Factor: 4
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.17	U	0.17	0.17
95-47-6	o-Xylene	106.17	0.17	U	0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U ^	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.39	U	0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	0.35	U	0.35	0.17
1330-20-7	Xylenes, Total	106.17	0.29		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15795-5
Client Smp ID: 1-AA1-032813
Inj Date : 23-APR-2013 08:53
Operator : wrd
Smp Info : 200-15795-A-5
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
Meth Date : 24-Apr-2013 08:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 14
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
2 Dichlorodifluoromethane	85		3.169	3.169	(0.319)	46004	0.11448	0.46
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
7 Vinyl chloride	62							
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101		5.095	5.095	(0.513)	22607	0.05014	0.20
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.234	6.213	(0.628)	4962	0.02294	0.092(a)
19 1,1-Dichloroethene	96							
22 Allyl chloride	41							
25 Methylene chloride	49		7.363	7.358	(0.741)	4714	0.06271	0.25(a)
27 1,2-Dichloroethene (trans)	61							
28 Methyl tert-butyl ether	73							

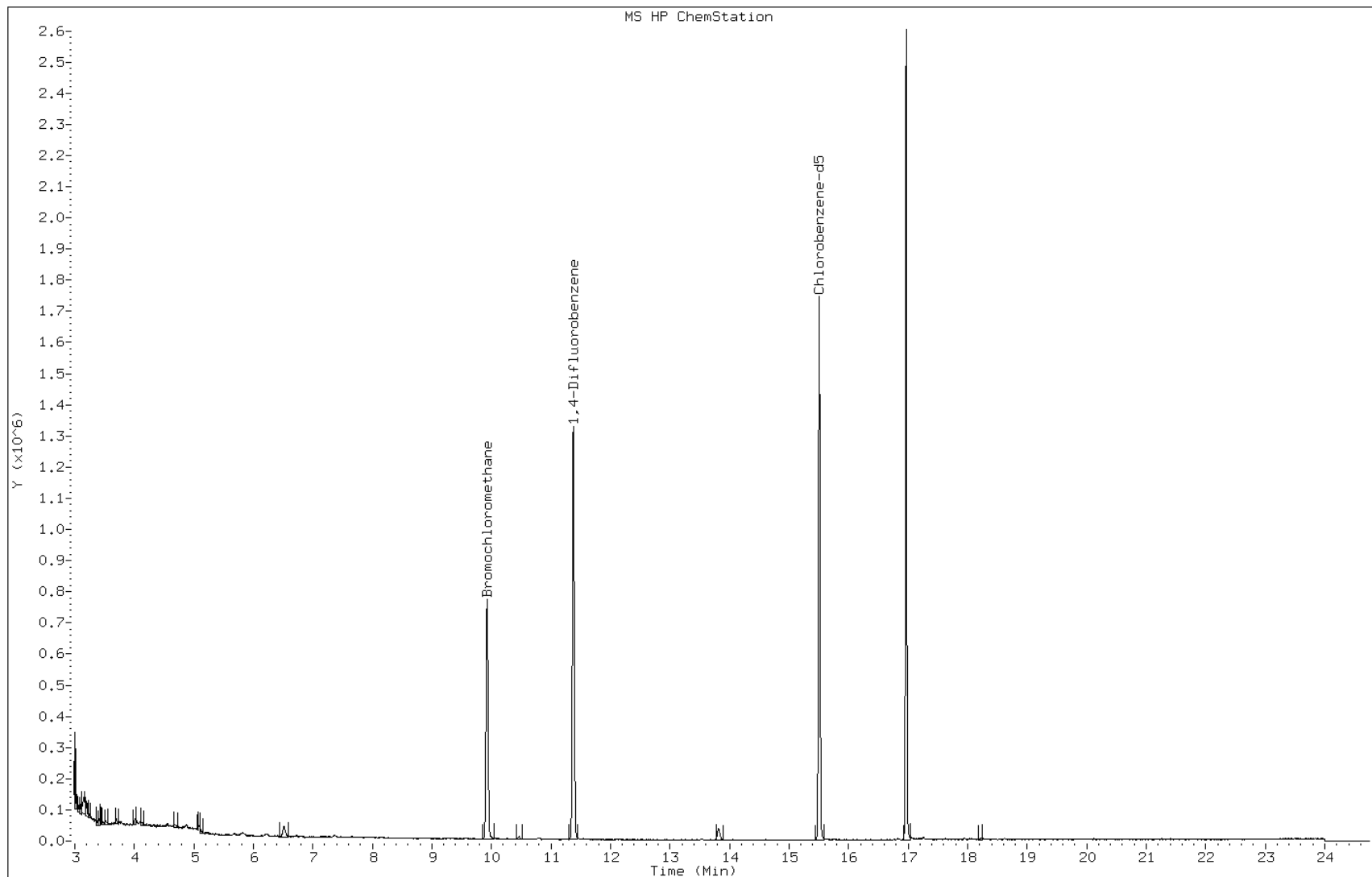
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.144	8.149	(0.820)	779	0.01635	0.065(aM)
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.931	9.925	(1.000)	292007	2.00000	
39 Chloroform	83	Compound Not Detected.					
40 Cyclohexane	84	Compound Not Detected.					
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.460	10.460	(0.920)	7099	0.01859	0.074
43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
44 Benzene	78	10.792	10.803	(0.949)	5255	0.03317	0.13(Q)
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	Compound Not Detected.					
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1277772	2.00000	
49 Trichloroethene	95	Compound Not Detected.					
50 1,2-Dichloropropane	63	Compound Not Detected.					
54 Bromodichloromethane	83	Compound Not Detected.					
55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
58 Toluene	92	13.536	13.536	(0.873)	1797	0.02147	0.086
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	Compound Not Detected.					
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1121344	2.00000	
67 Ethylbenzene	91	15.628	15.618	(1.008)	1378	0.00831	0.033(a)
69 Xylene (m,p)	106	15.756	15.762	(1.016)	1017	0.01652	0.066(a)
M 70 Xylene, Total	106				1017	0.01652	0.066
71 Xylene (o)	106	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: efra027.d
Client ID: 1-AA1-032813
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15795-A-5
Lab Sample ID: 200-15795-5

Date: 23-APR-2013 08:53
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: efra027.d

Lab Sample ID: 200-15795-5

Date: 23-APR-2013 08:53

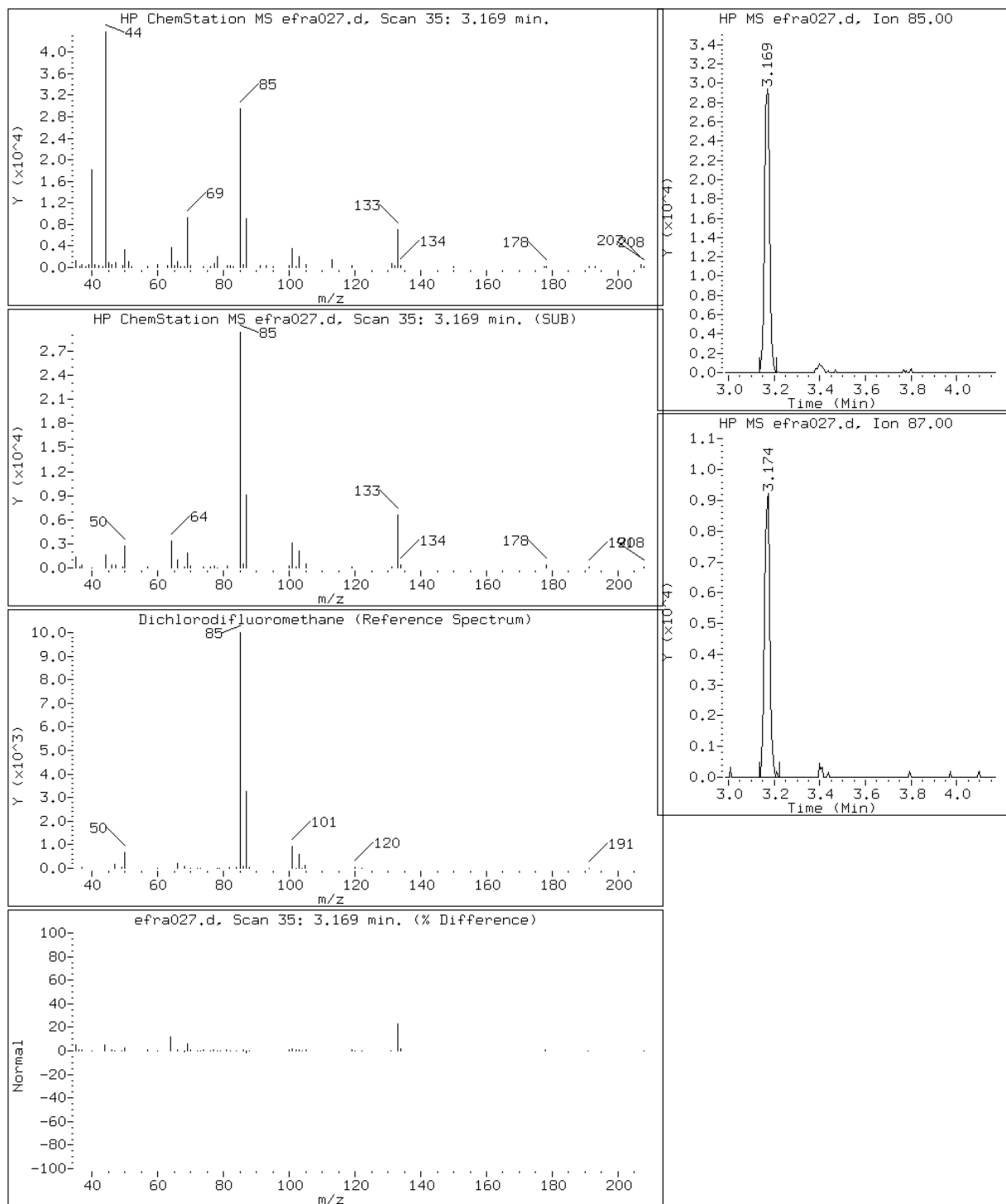
Client ID: 1-AA1-032813

Instrument: E.i

Sample Info: 200-15795-A-5

Operator: wrd

2 Dichlorodifluoromethane



Data File: efra027.d

Lab Sample ID: 200-15795-5

Date: 23-APR-2013 08:53

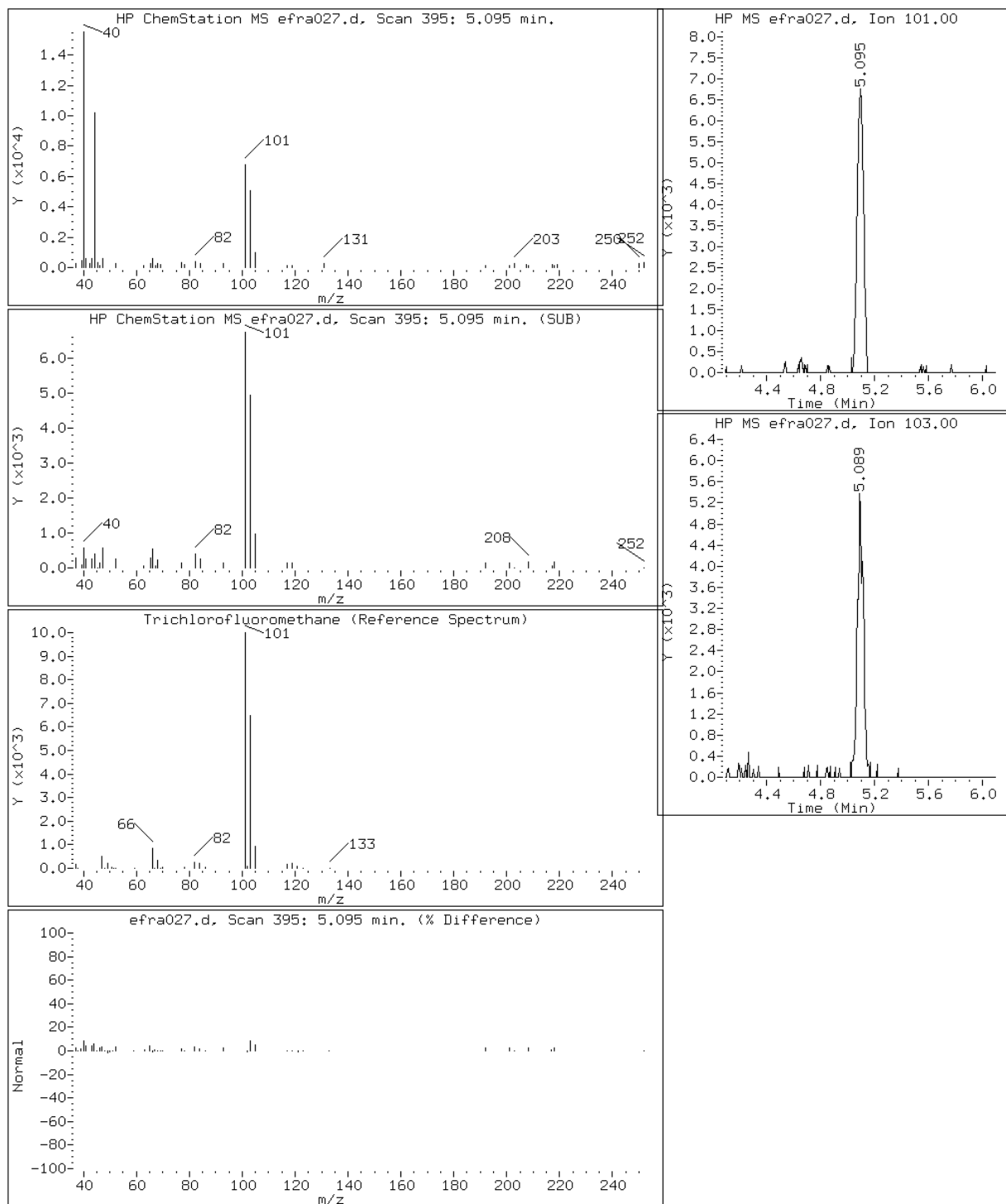
Client ID: 1-AA1-032813

Instrument: E.i

Sample Info: 200-15795-A-5

Operator: wrd

13 Trichlorofluoromethane



Data File: efra027.d

Lab Sample ID: 200-15795-5

Date: 23-APR-2013 08:53

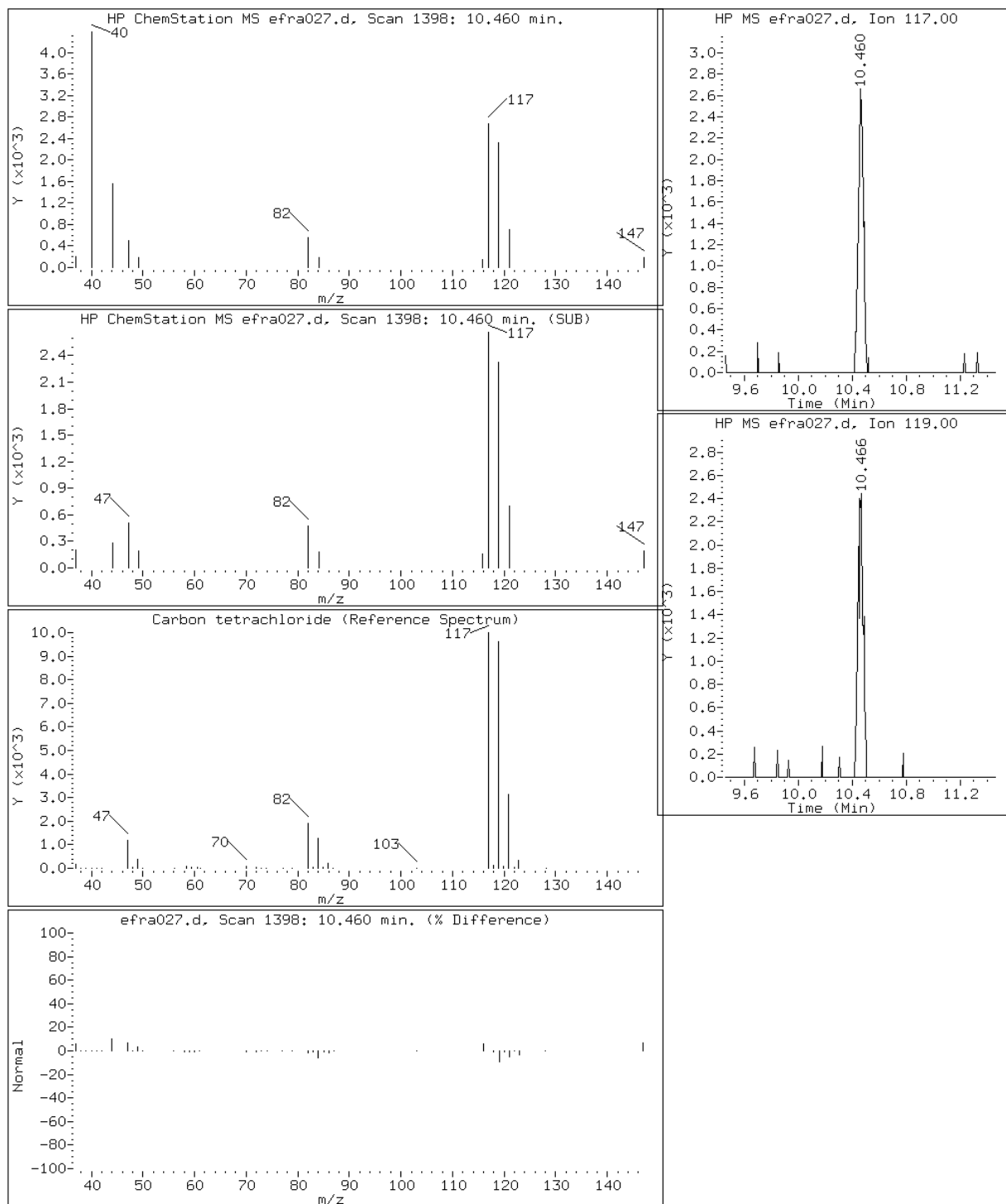
Client ID: 1-AA1-032813

Instrument: E.i

Sample Info: 200-15795-A-5

Operator: wrd

42 Carbon tetrachloride



Data File: efra027.d

Lab Sample ID: 200-15795-5

Date: 23-APR-2013 08:53

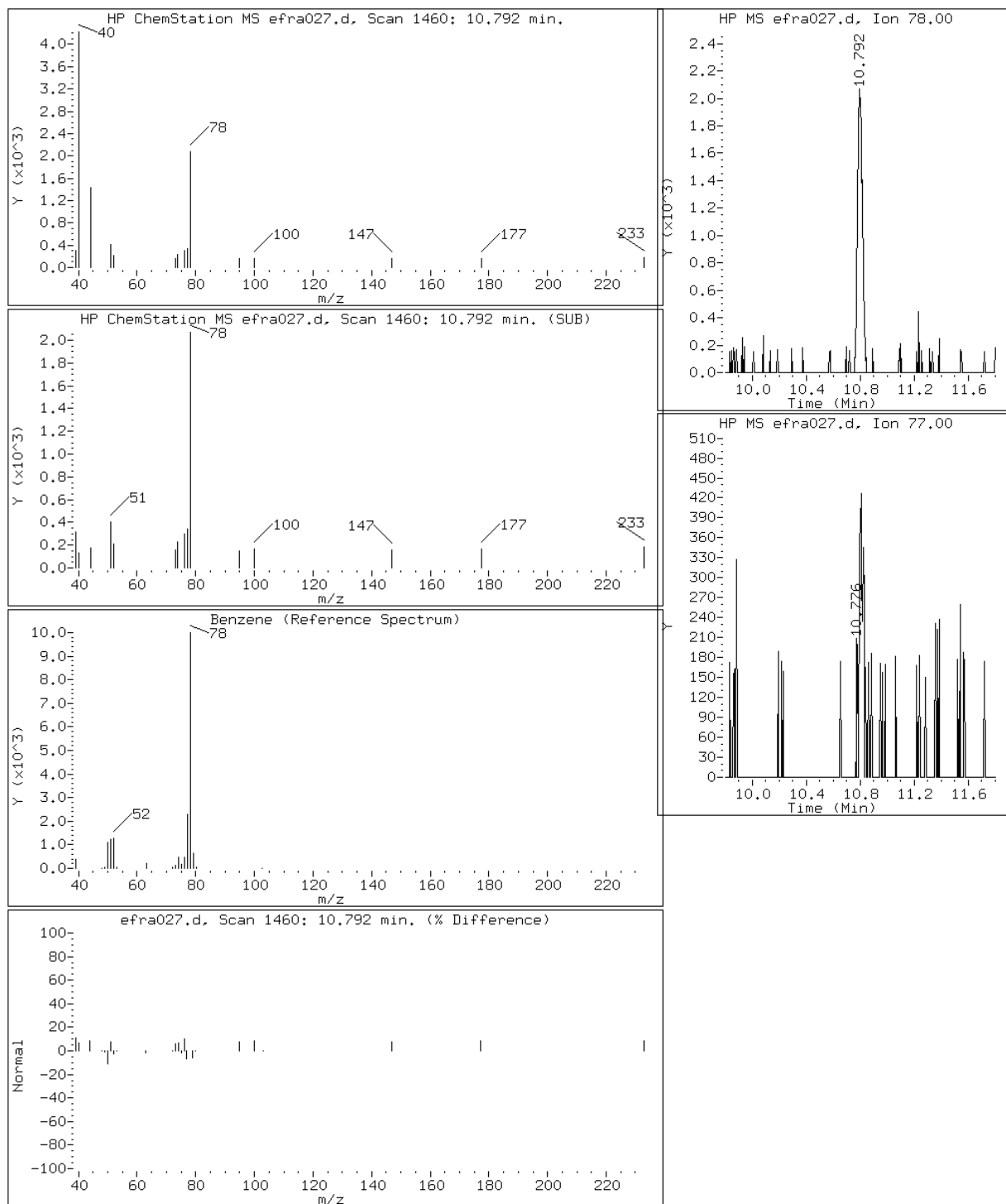
Client ID: 1-AA1-032813

Instrument: E.i

Sample Info: 200-15795-A-5

Operator: wrd

44 Benzene



Data File: efra027.d

Lab Sample ID: 200-15795-5

Date: 23-APR-2013 08:53

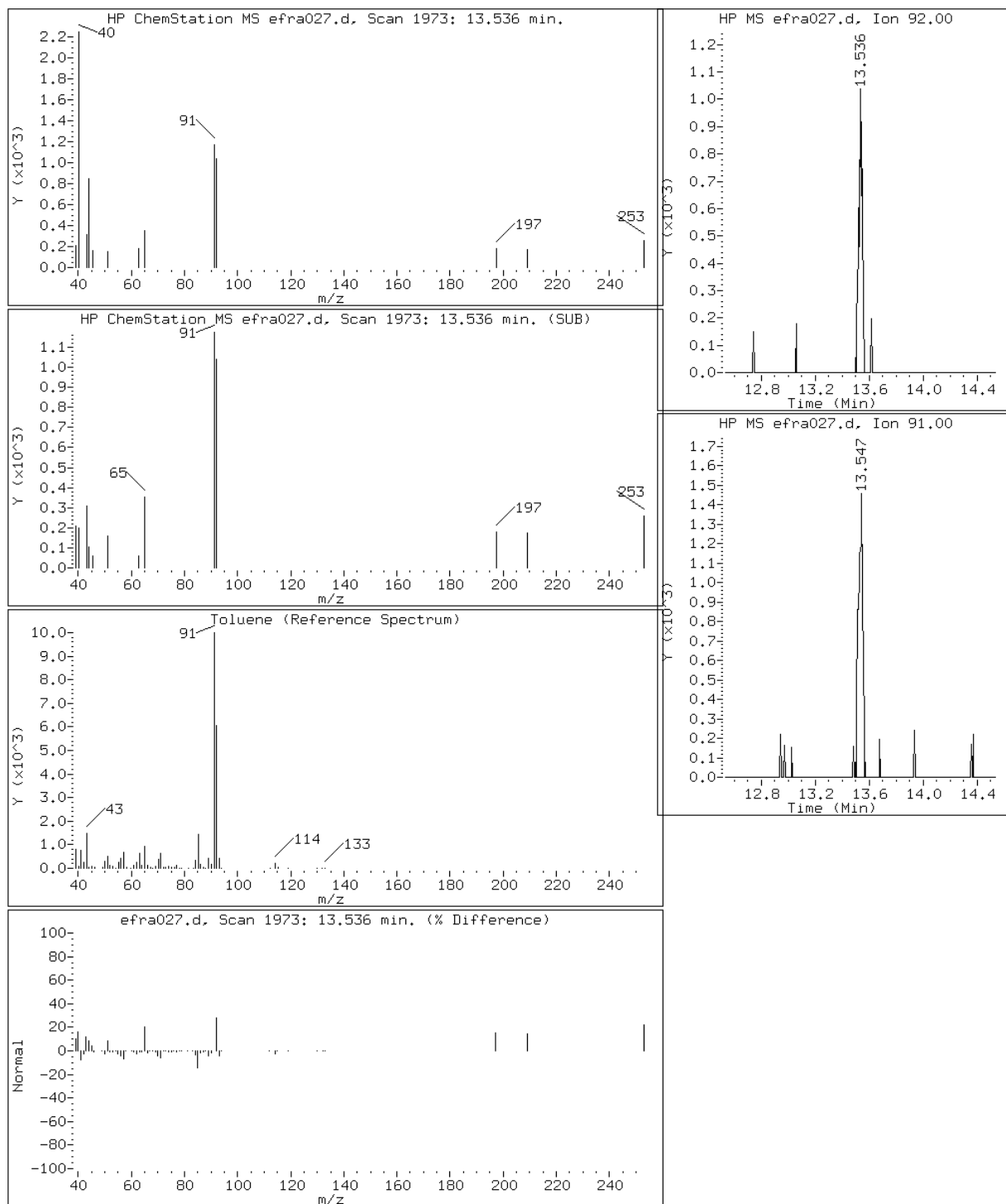
Client ID: 1-AA1-032813

Instrument: E.i

Sample Info: 200-15795-A-5

Operator: wrd

58 Toluene

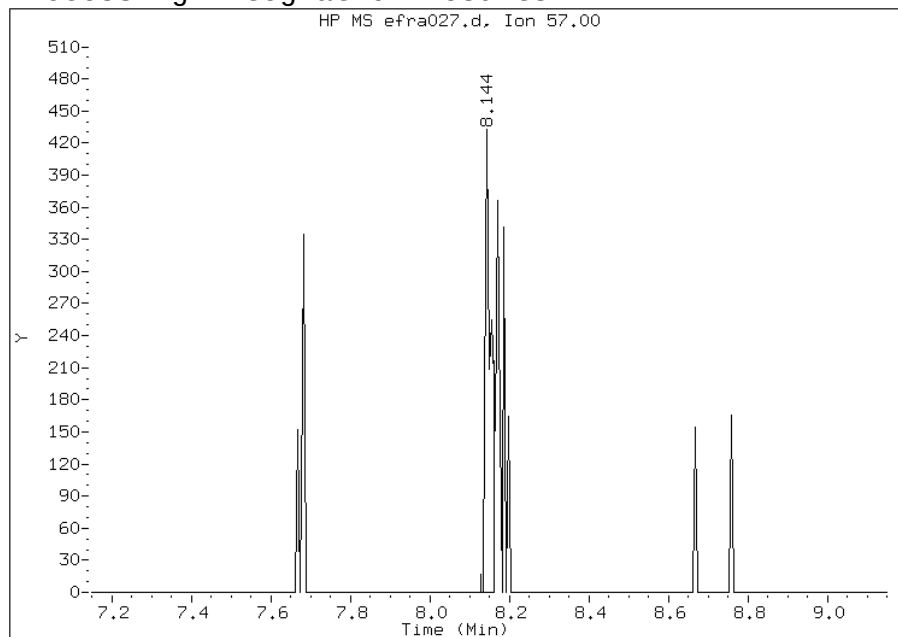


Manual Integration Report

Data File: efra027.d
Lab Sample ID: 200-15795-5
Inj. Date and Time: 23-APR-2013 08:53
Instrument ID: E.i
Client ID: 1-AA1-032813
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 04/24/2013

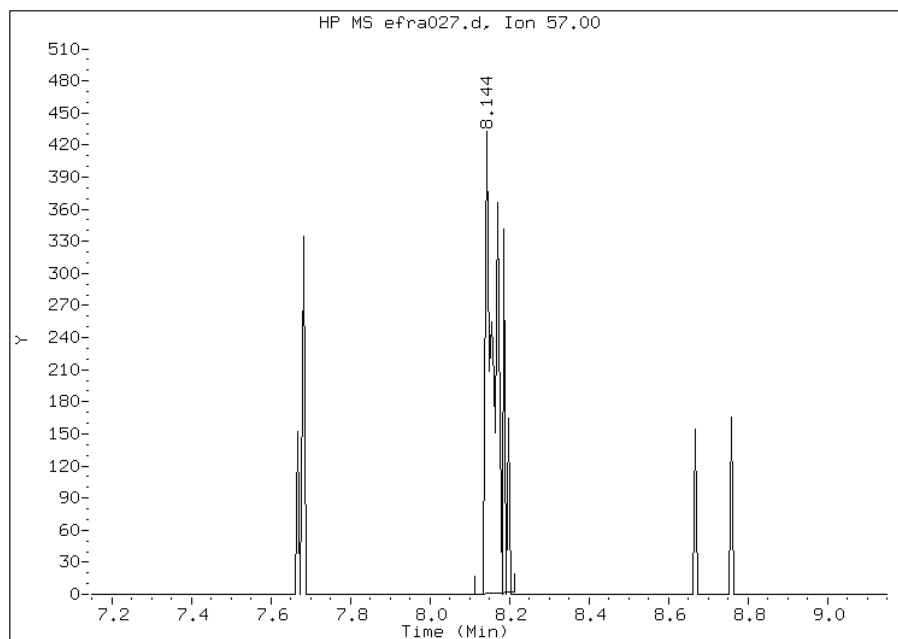
Processing Integration Results

RT: 8.14
Response: 407
Amount: 0.008544
Conc: 0.034177



Manual Integration Results

RT: 8.14
Response: 779
Amount: 0.016354
Conc: 0.065416



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15795-1 Analy Batch No.: 54649

SDG No.: 200-15795

Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/21/2013 12:57 Calibration End Date: 04/21/2013 21:08 Calibration ID: 21172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-54649/5	efr005.d
Level 2	IC 200-54649/6	efr006.d
Level 3	IC 200-54649/7	efr007.d
Level 4	IC 200-54649/8	efr008.d
Level 5	ICIS 200-54649/9	efr009.d
Level 6	IC 200-54649/10	efr010.d
Level 7	IC 200-54649/11	efr011.d
Level 8	IC 200-54649/12	efr012.d
Level 9	IC 200-54649/13	efr013.d
Level 10	IC 200-54649/14	efr014.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dichlorodifluoromethane	3.1665 2.3504	2.9891 ++++	2.7230 2.6281	2.9568 ++++	2.4531 ++++	Ave		2.7524				10.9		30.0			
1,2-Dichlorotetrafluoroethane	2.2661 2.1427	2.3466 ++++	2.2039 2.3347	2.5693 ++++	2.2981 ++++	Ave		2.3088				5.9		30.0			
Vinyl chloride		0.6064 ++++	0.6871 0.6581	0.7205 ++++	0.6321 ++++	Ave		0.6500				7.4		30.0			
1,3-Butadiene		0.4693 ++++	0.4582 0.3713	0.4461 ++++	0.3776 ++++	Ave		0.4124				12.4		30.0			
Bromomethane		1.1577 ++++	1.0295 0.8478	1.0174 ++++	0.9040 ++++	Ave		0.9644				13.1		30.0			
Chloroethane		0.3701 ++++	0.3822 0.2784	0.3256 ++++	0.3256 ++++	Ave		0.3323				11.5		30.0			
Bromoethene (Vinyl Bromide)		0.9047 ++++	0.8024 0.7872	0.8425 ++++	0.8532 ++++	Ave		0.8271				5.9		30.0			
Trichlorofluoromethane	3.1612 2.8478	3.0543 ++++	3.1642	3.3627	3.0983 ++++	Ave		3.0883				5.5		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane			1.6003 1.4014	1.4902 ++++	1.5069 ++++	Ave		1.4817				5.5		30.0			
1,1-Dichloroethene	0.3135 0.4528	0.4157 ++++	0.4219 0.4965	0.4266 ++++	0.4282 ++++	Ave		0.4222				13.1		30.0			
3-Chloropropene		0.2538 ++++	0.2090 0.2578	0.2214 ++++	0.2055 ++++	Ave		0.2360				11.6		30.0			
Methylene Chloride				0.6321 0.4597	0.5788 0.4952	Ave		0.5149				13.9		30.0			
Methyl tert-butyl ether	0.4545 0.5910	0.3814 ++++	0.4755 0.6879	0.4269 ++++	0.4594 ++++	Ave		0.4967				21.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15795-1 Analy Batch No.: 54649

SDG No.: 200-15795

Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/21/2013 12:57 Calibration End Date: 04/21/2013 21:08 Calibration ID: 21172

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
trans-1,2-Dichloroethene	0.5424 0.6220	0.4630 ++++	0.5032 0.6678	0.5031 ++++	0.5658 ++++	Ave		0.5525				13.1		30.0			
n-Hexane		0.2478 0.3689	0.3248 0.4511	0.2751 ++++	0.2898 ++++	Ave		0.3263				22.7		30.0			
1,1-Dichloroethane	0.7114 0.8591	0.7238 ++++	0.7965 0.7719	0.7657 ++++	0.7783 ++++	Ave		0.7724				6.3		30.0			
cis-1,2-Dichloroethene	0.3108 0.4012	0.3764 ++++	0.3652 0.3741	0.3310 ++++	0.3403 ++++	Ave		0.3570				8.7		30.0			
Chloroform	1.3676 1.4516	1.3813 ++++	1.4810 1.2909	1.3831 ++++	1.3592 ++++	Ave		1.3878				4.5		30.0			
Cyclohexane	0.0959 0.1060	0.0982 ++++	0.0820 0.1307	0.0892 ++++	0.0906 ++++	Ave		0.0989				16.1		30.0			
1,1,1-Trichloroethane	0.4276 0.4317	0.4485 ++++	0.4195 0.3878	0.4113 ++++	0.4275 ++++	Ave		0.4220				4.5		30.0			
Carbon tetrachloride	0.5957 0.5592	0.6746 ++++	0.6093 0.5304	0.6203 ++++	0.5942 ++++	Ave		0.5977				7.7		30.0			
2,2,4-Trimethylpentane	0.2340 0.2545	0.2082 ++++	0.1957 0.2868	0.1980 ++++	0.1917 ++++	Ave		0.2241				16.0		30.0			
Benzene	0.2763 0.3145	0.2117 ++++	0.2252 0.2711	0.1913 ++++	0.2459 ++++	Ave		0.2480				17.1		30.0			
1,2-Dichloroethane		0.1819 0.2017	0.1800 0.1731	0.1706 ++++	0.1786 ++++	Ave		0.1810				6.1		30.0			
n-Heptane	0.0465 0.0881	0.0821 ++++	0.0858 0.0948	0.0619 ++++	0.0595 ++++	Ave		0.0741				24.3		30.0			
Trichloroethene	0.1143 0.1421	0.1380 ++++	0.1396 0.1435	0.1332 ++++	0.1336 ++++	Ave		0.1349				7.3		30.0			
1,2-Dichloropropane		0.0624 0.0887	0.0741 0.0697	0.0644 ++++	0.0742 ++++	Ave		0.0723				13.0		30.0			
Bromodichloromethane	0.2768 0.3441	0.3293 ++++	0.3610 0.2976	0.3130 ++++	0.3108 ++++	Ave		0.3189				8.9		30.0			
cis-1,3-Dichloropropene	0.0693 0.0922	0.0834 ++++	0.0859 0.0882	0.0744 ++++	0.0707 ++++	Ave		0.0806				11.2		30.0			
Toluene	0.1343 0.2191	0.1328 ++++	0.1121 0.1961	0.1136 ++++	0.1369 ++++	Ave		0.1493				27.9		30.0			
trans-1,3-Dichloropropene	0.0603 0.0959	0.0814 ++++	0.0653 0.0974	0.0748 ++++	0.0737 ++++	Ave		0.0784				18.1		30.0			
1,1,2-Trichloroethane	0.0865 0.1243	0.1201 ++++	0.1126 0.0998	0.0966 ++++	0.1012 ++++	Ave		0.1059				12.8		30.0			
Tetrachloroethene	0.3193 0.2873	0.2834 ++++	0.2587 0.2839	0.2552 ++++	0.2570 ++++	Ave		0.2778				8.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15795-1 Analy Batch No.: 54649

SDG No.: 200-15795

Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/21/2013 12:57 Calibration End Date: 04/21/2013 21:08 Calibration ID: 21172

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dibromochloromethane	0.3488 0.3831	0.3241 +++++	0.3530 0.3417	0.3230 +++++	0.3405 +++++	Ave		0.3449				5.9		30.0			
1,2-Dibromoethane	0.1428 0.1968	0.1733 +++++	0.1410 0.1854	0.1807 +++++	0.1761 +++++	Ave		0.1709				12.4		30.0			
Ethylbenzene	0.2586 0.4112	0.2442 +++++	0.2667 0.3762	0.2399 +++++	0.2730 +++++	Ave		0.2957				23.2		30.0			
m-Xylene & p-Xylene	0.0825 0.1723	0.0908 +++++	0.0813 0.1652	0.0755 +++++	0.1006 +++++	Ave		0.1098				37.5	*	30.0			
o-Xylene	0.0339 0.1092	0.0469 +++++	0.0621 0.1102	0.0667 +++++	0.0724 +++++	Ave		0.0716				40.5	*	30.0			
Bromoform	0.2932 0.3671	0.2856 +++++	0.2946 0.3371	0.2819 +++++	0.3057 +++++	Ave		0.3093				10.1		30.0			
1,1,2,2-Tetrachloroethane	0.2433 0.1687	0.2285 +++++	0.1607 0.2031	0.1768 +++++	0.1664 +++++	Ave		0.1925				17.1		30.0			
4-Ethyltoluene	0.1826 0.2245	0.1768 +++++	0.1342 +++++	0.1484 +++++	0.1678 +++++	Ave		0.1724				18.2		30.0			
1,3,5-Trimethylbenzene	0.1940	0.1006 +++++	0.1079 +++++	0.1210 +++++	0.1311 +++++	Ave		0.1309				28.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15795-1 Analy Batch No.: 54649

SDG No.: 200-15795

Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/21/2013 12:57 Calibration End Date: 04/21/2013 21:08 Calibration ID: 21172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-54649/5	efr005.d
Level 2	IC 200-54649/6	efr006.d
Level 3	IC 200-54649/7	efr007.d
Level 4	IC 200-54649/8	efr008.d
Level 5	ICIS 200-54649/9	efr009.d
Level 6	IC 200-54649/10	efr010.d
Level 7	IC 200-54649/11	efr011.d
Level 8	IC 200-54649/12	efr012.d
Level 9	IC 200-54649/13	efr013.d
Level 10	IC 200-54649/14	efr014.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Dichlorodifluoromethane	BCM	Ave	4758 178067	8528 +++++	15753 401887	40175 +++++	71749 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dichlorotetrafluoroethane	BCM	Ave	3405 162336	6695 +++++	12750 357029	34909 +++++	67216 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Vinyl chloride	BCM	Ave	45149	1730 +++++	3975 100642	9790 +++++	18487 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,3-Butadiene	BCM	Ave	26640	1339 +++++	2651 56781	6061 +++++	11044 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromomethane	BCM	Ave	62903	3303 +++++	5956 129648	13823 +++++	26440 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloroethane	BCM	Ave	23642	1056 +++++	2211 42570	4424 +++++	9522 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromoethene (Vinyl Bromide)	BCM	Ave	58549	2581 +++++	4642 120380	11447 +++++	24955 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Trichlorofluoromethane	BCM	Ave	4750 215755	8714 +++++	18305 447995	45690 +++++	90622 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1,2-Trichloro-1,2,2-trifluoroethane	BCM	Ave	106797	9258 +++++	20248 214297	44074 +++++	44074 +++++	0.500	0.0400 +++++	0.100 1.00	0.200 +++++	0.200 +++++
1,1-Dichloroethene	BCM	Ave	471 34305	1186 +++++	2441 75926	5796 +++++	12523 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
3-Chloropropene	BCM	Ave	20350	724 +++++	1209 39428	3008 +++++	6012 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Methylene Chloride	BCM	Ave	40804	59320	70857	8589 132487	16930 159485	0.500	0.750	1.00	0.100 1.50	0.200 2.00
Methyl tert-butyl ether	BCM	Ave	683 44772	1088 +++++	2751 105191	5801 +++++	13438 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
trans-1,2-Dichloroethene	BCM	Ave	815 47122	1321 +++++	2911 102125	6836 +++++	16550 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15795-1 Analy Batch No.: 54649

SDG No.: 200-15795

Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/21/2013 12:57 Calibration End Date: 04/21/2013 21:08 Calibration ID: 21172

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
n-Hexane	BCM	Ave	27947	707 ++++	1879 68984	3738 ++++	8476 ++++	0.500 ++++	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1-Dichloroethane	BCM	Ave	1069 65085	2065 ++++	4608 118038	10404 ++++	22763 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
cis-1,2-Dichloroethene	BCM	Ave	467 30399	1074 ++++	2113 57200	4498 ++++	9952 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Chloroform	BCM	Ave	2055 109975	3941 ++++	8568 197404	18793 ++++	39756 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Cyclohexane	DFB	Ave	614 34809	1156 ++++	2038 87653	5218 ++++	11305 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,1-Trichloroethane	DFB	Ave	2739 141794	5277 ++++	10419 260145	24067 ++++	53358 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Carbon tetrachloride	DFB	Ave	3816 183671	7937 ++++	15135 355826	36298 ++++	74171 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
2,2,4-Trimethylpentane	DFB	Ave	1499 83585	2450 ++++	4860 192409	11588 ++++	23930 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Benzene	DFB	Ave	1770 103289	2491 ++++	5593 181852	11193 ++++	30688 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dichloroethane	DFB	Ave	2140 66247	4470 ++++	4470 116158	9985 ++++	22296 ++++	0.0200 0.500	0.0400 ++++	0.100 1.00	0.200 ++++	0.200 ++++
n-Heptane	DFB	Ave	298 28944	966 ++++	2131 63630	3623 ++++	7427 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Trichloroethene	DFB	Ave	732 46674	1624 ++++	3467 96252	7797 ++++	16670 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dichloropropane	DFB	Ave	29144	734 ++++	1840 46757	3771 ++++	9259 ++++	0.500 ++++	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Bromodichloromethane	DFB	Ave	1773 113003	3875 ++++	8967 199685	18315 ++++	38792 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
cis-1,3-Dichloropropene	DFB	Ave	444 30290	981 ++++	2134 59139	4353 ++++	8819 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Toluene	CBZ	Ave	788 67336	1414 ++++	2584 116254	6065 ++++	15365 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
trans-1,3-Dichloropropene	DFB	Ave	386 31493	958 ++++	1622 65331	4377 ++++	9199 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,2-Trichloroethane	CBZ	Ave	508 38192	1279 ++++	2594 59125	5158 ++++	11357 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Tetrachloroethene	CBZ	Ave	1874 88288	3018 ++++	5960 168263	13623 ++++	28851 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Dibromochloromethane	CBZ	Ave	2047 117723	3452 ++++	8135 202513	17243 ++++	38220 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dibromoethane	CBZ	Ave	838 60480	1846 ++++	3250 109866	9650 ++++	19767 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15795-1 Analy Batch No.: 54649

SDG No.: 200-15795

Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/21/2013 12:57 Calibration End Date: 04/21/2013 21:08 Calibration ID: 21172

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Ethylbenzene	CBZ	Ave	1518 126365	2601 ++++	6146 222980	12807 ++++	30646 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
m-Xylene & p-Xylene	CBZ	Ave	969 105904	1935 ++++	3747 195792	8067 ++++	22593 ++++	0.0200 1.00	0.0400 ++++	0.0800 2.00	0.200 ++++	0.400 ++++
o-Xylene	CBZ	Ave	199 33542	499 ++++	1430 65304	3559 ++++	8126 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Bromoform	CBZ	Ave	1721 112798	3042 ++++	6788 199803	15048 ++++	34319 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,2,2-Tetrachloroethane	CBZ	Ave	1428 51850	2434 ++++	3703 120363	9437 ++++	18682 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
4-Ethyltoluene	CBZ	Ave	1072 68991	1883 ++++	3092 ++++	7921 ++++	18836 ++++	0.0100 0.500	0.0200 ++++	0.0400 ++++	0.100 ++++	0.200 ++++
1,3,5-Trimethylbenzene	CBZ	Ave	59602	1071 ++++	2486 ++++	6459 ++++	14720 ++++	0.500	0.0200 ++++	0.0400 ++++	0.100 ++++	0.200 ++++

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr005.d
Lab Smp Id: ic 485960
Inj Date : 21-APR-2013 12:57
Operator : wrd
Smp Info : ic 485960
Misc Info : 100,1, level 1
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:24 wrd
Cal Date : 21-APR-2013 12:57
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr005.d
Calibration Sample, Level: 1
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	4758	0.01000	0.012	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	3405	0.01000	0.0098(a)	
7 Vinyl chloride	62	3.741	3.747	(0.377)	1321	0.01000	0.014(a)	
8 1,3-Butadiene	54	3.800	3.805	(0.383)	1312	0.01000	0.021	
9 Bromomethane	94	4.415	4.415	(0.445)	2811	0.01000	0.019(aQ)	
10 Chloroethane	64	4.629	4.613	(0.466)	543	0.01000	0.011(a)	
12 Vinyl bromide	106	4.987	4.988	(0.502)	1328	0.01000	0.011(a)	
13 Trichlorofluoromethane	101	5.094	5.095	(0.513)	4750	0.01000	0.010	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.239	6.213	(0.629)	2025	0.01000	0.0091(a)	
19 1,1-Dichloroethene	96	6.303	6.282	(0.635)	471	0.01000	0.0074(aQM)	
22 Allyl chloride	41	7.063	7.079	(0.712)	315	0.01000	0.0089(aQMH)	
25 Methylene chloride	49	7.363	7.358	(0.742)	3302	0.01000	0.043(a)	
27 1,2-Dichloroethene (trans)	61	7.796	7.807	(0.785)	815	0.01000	0.0098(a)	
28 Methyl tert-butyl ether	73	7.737	7.769	(0.780)	683	0.01000	0.0092(aQM)	

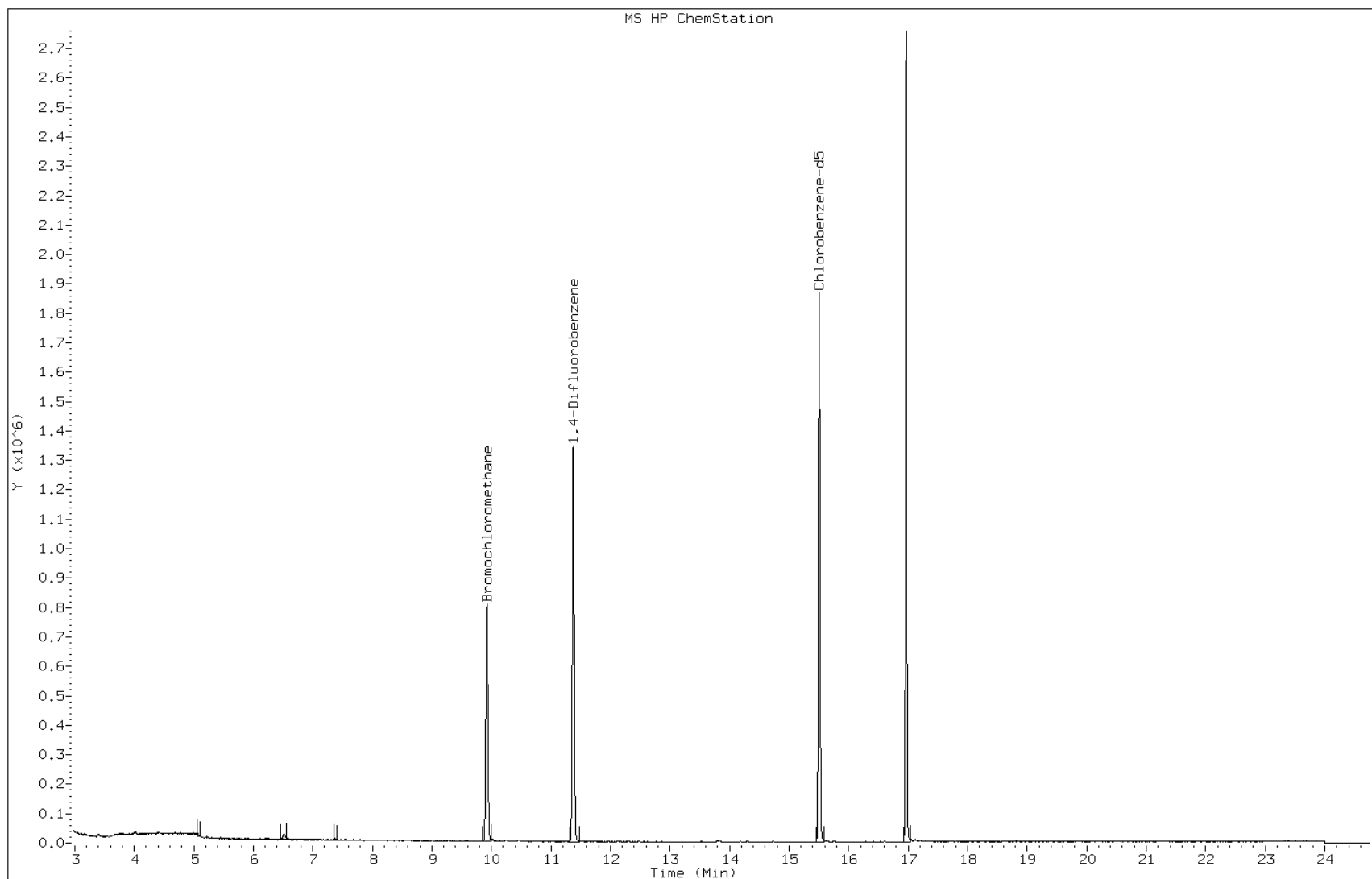
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.154	8.149	(0.822)	393	0.01000	0.0080(TaQ)
31 1,1-Dichloroethane	63	8.598	8.593	(0.866)	1069	0.01000	0.0092(aM)
M 33 1,2-Dichloroethene, Total	61				1282	0.02000	0.018
34 1,2-Dichloroethene (cis)	96	9.561	9.540	(0.963)	467	0.01000	0.0087(aQM)
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	300519	2.00000	
39 Chloroform	83	10.016	10.011	(1.009)	2055	0.01000	0.0098(a)
40 Cyclohexane	84	10.230	10.262	(0.899)	614	0.01000	0.0097(aM)
41 1,1,1-Trichloroethane	97	10.262	10.262	(0.902)	2739	0.01000	0.010(M)
42 Carbon tetrachloride	117	10.455	10.460	(0.919)	3816	0.01000	0.0100
43 2,2,4-Trimethylpentane	57	10.754	10.755	(0.945)	1499	0.01000	0.010(QM)
44 Benzene	78	10.797	10.803	(0.949)	1770	0.01000	0.011
45 1,2-Dichloroethane	62	10.926	10.920	(0.960)	1179	0.01000	0.010(aM)
46 n-Heptane	43	11.017	11.033	(0.968)	298	0.01000	0.0063(aM)
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1281123	2.00000	
49 Trichloroethene	95	11.749	11.739	(1.033)	732	0.01000	0.0085(aQM)
50 1,2-Dichloropropane	63	12.103	12.108	(1.064)	342	0.01000	0.0074(aQM)
54 Bromodichloromethane	83	12.488	12.477	(1.098)	1773	0.01000	0.0087(aQ)
55 1,3-Dichloropropene (cis)	75	13.103	13.108	(1.152)	444	0.01000	0.0086(aM)
58 Toluene	92	13.536	13.536	(0.873)	788	0.01000	0.0090(aQ)
59 1,3-Dichloropropene (trans)	75	13.921	13.906	(1.224)	386	0.01000	0.0077(aM)
60 1,1,2-Trichloroethane	83	14.173	14.178	(0.914)	508	0.01000	0.0082(aQM)
61 Tetrachloroethene	166	14.301	14.296	(0.922)	1874	0.01000	0.011
63 Dibromochloromethane	129	14.729	14.735	(0.950)	2047	0.01000	0.010(Q)
64 1,2-Dibromoethane	107	14.933	14.933	(0.963)	838	0.01000	0.0084(a)
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1173895	2.00000	
67 Ethylbenzene	91	15.617	15.618	(1.007)	1518	0.01000	0.0087(aQ)
69 Xylene (m,p)	106	15.756	15.762	(1.016)	969	0.02000	0.015(aQ)
M 70 Xylene, Total	106				1168	0.03000	0.020
73 Bromoform	173	16.607	16.602	(1.071)	1721	0.01000	0.0095(aM)
75 1,1,2,2-Tetrachloroethane	83	17.115	17.121	(1.104)	1428	0.01000	0.013
79 4-Ethyltoluene	105	17.313	17.308	(1.117)	1072	0.01000	0.010
81 1,3,5-Trimethylbenzene	105	17.377	17.378	(1.121)	736	0.01000	0.0096(a)

QC Flag Legend

T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: efr005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485960
Lab Sample ID: ic 485960

Date: 21-APR-2013 12:57
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

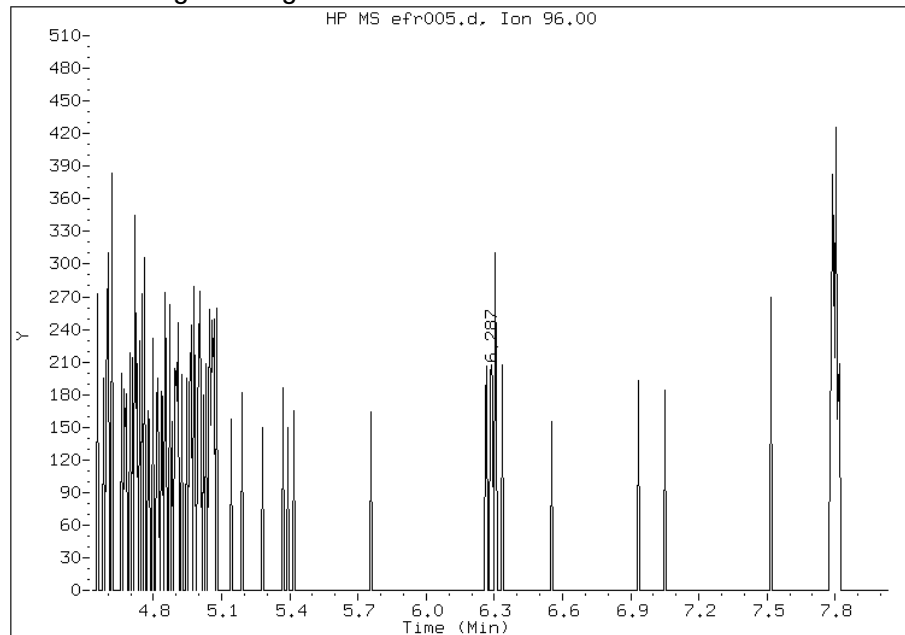


Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 19 1,1-Dichloroethene
CAS #: 75-35-4
Report Date: 04/23/2013

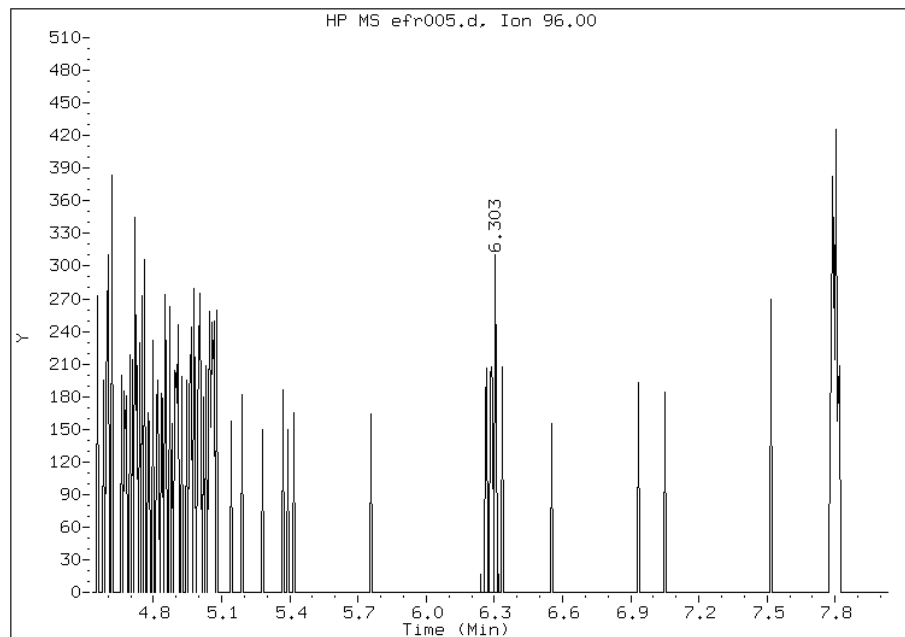
Processing Integration Results

RT: 6.29
Response: 191
Amount: 0.004590
Conc: 0.004590



Manual Integration Results

RT: 6.30
Response: 471
Amount: 0.007425
Conc: 0.007425



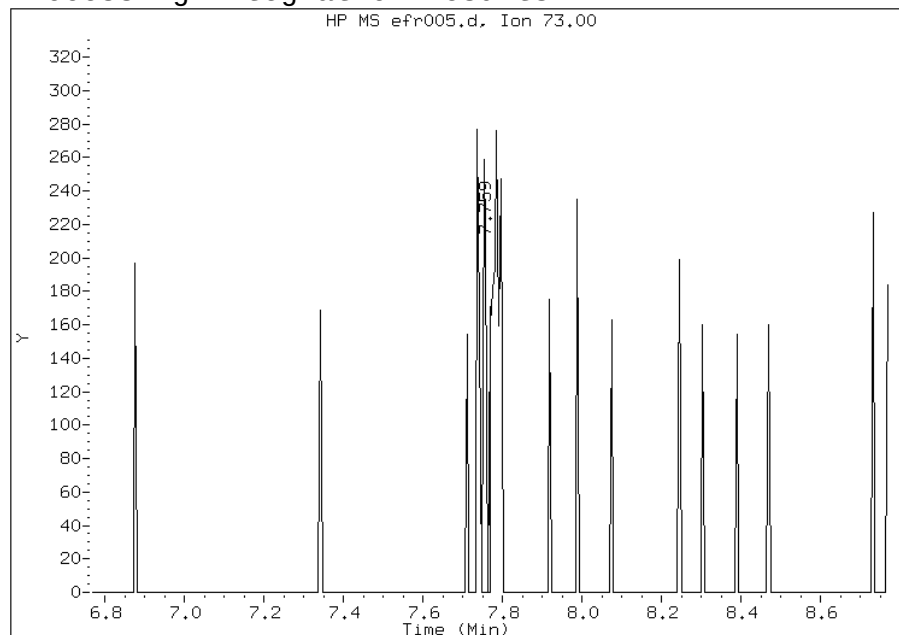
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 28 Methyl tert-butyl ether
CAS #: 1634-04-4
Report Date: 04/23/2013

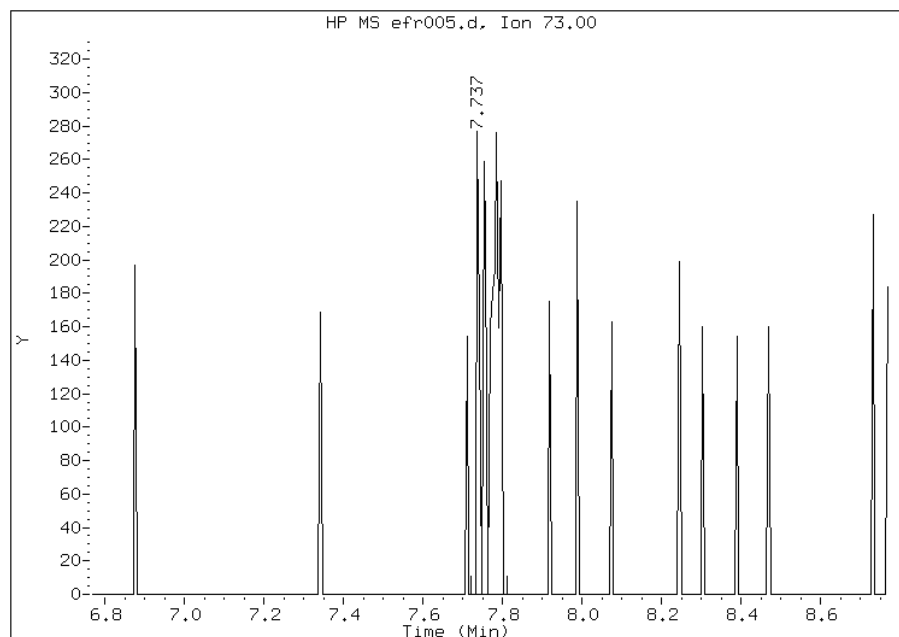
Processing Integration Results

RT: 7.76
Response: 202
Amount: 0.003131
Conc: 0.003131



Manual Integration Results

RT: 7.74
Response: 683
Amount: 0.009152
Conc: 0.009152



File Uploaded By: wrd
Manual Integration Reason: Baseline event

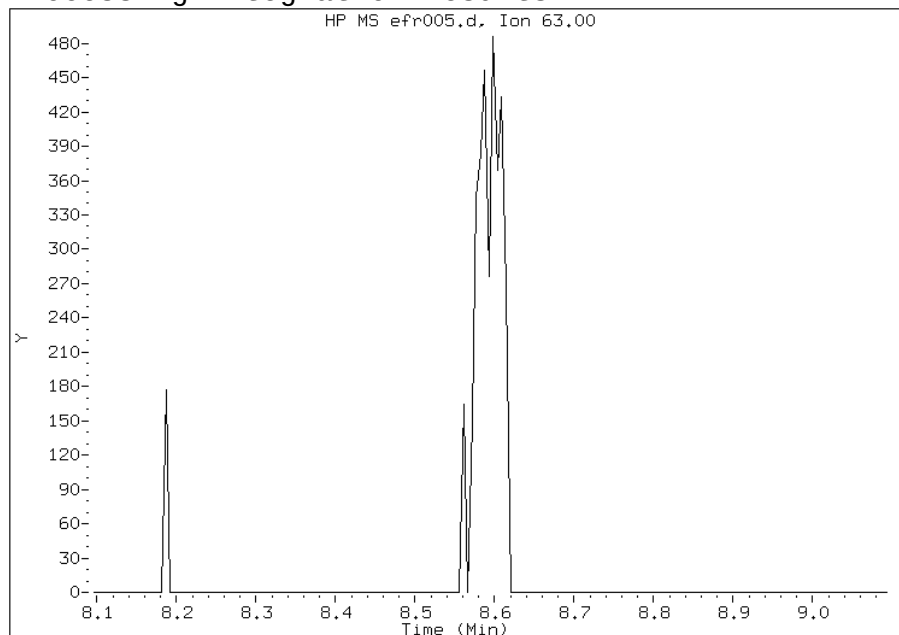
Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 04/23/2013

Processing Integration Results

Not Detected

Expected RT: 8.59



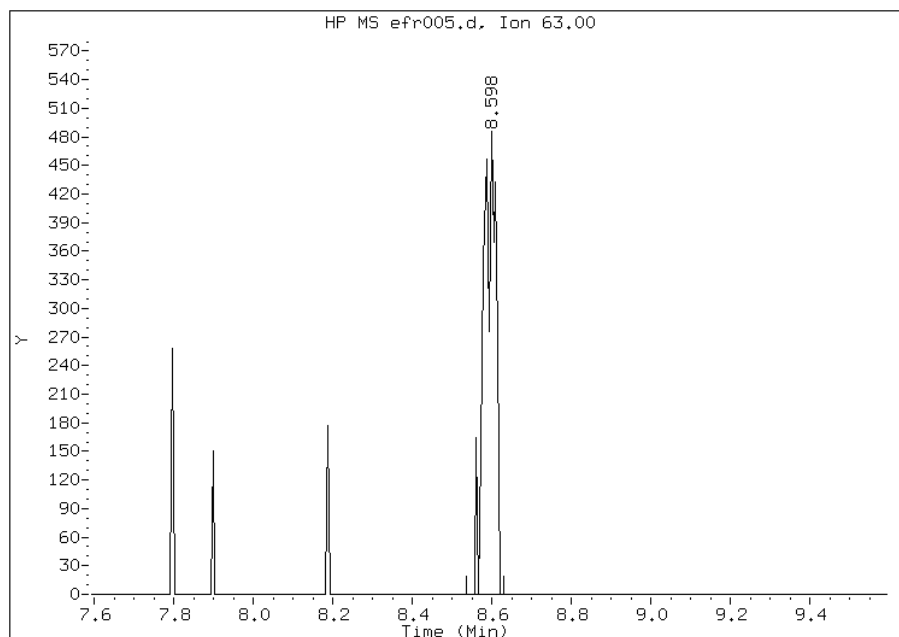
Manual Integration Results

RT: 8.60

Response: 1069

Amount: 0.009211

Conc: 0.009211



File Uploaded By: wrd

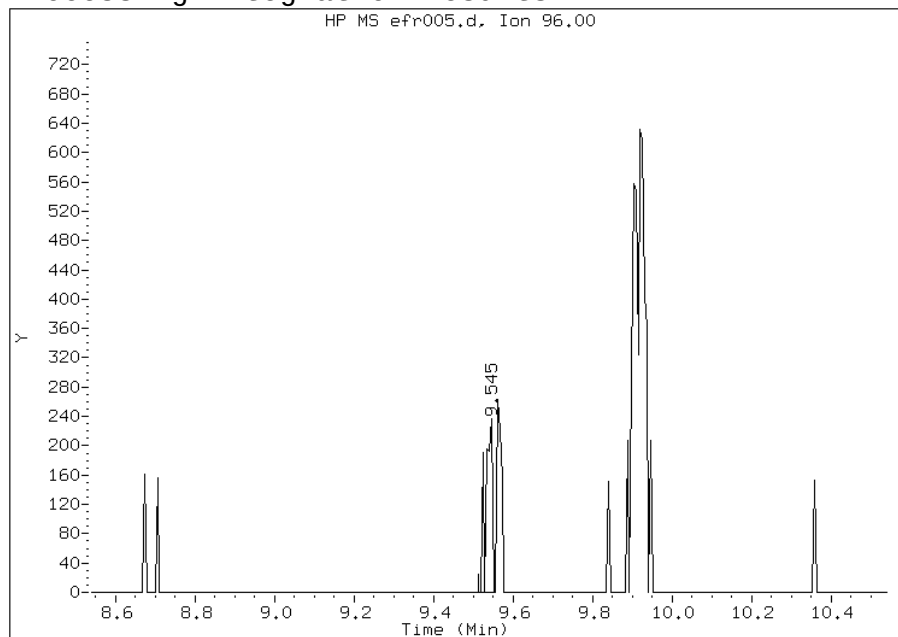
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 34 1,2-Dichloroethene (cis)
CAS #: 156-59-2
Report Date: 04/23/2013

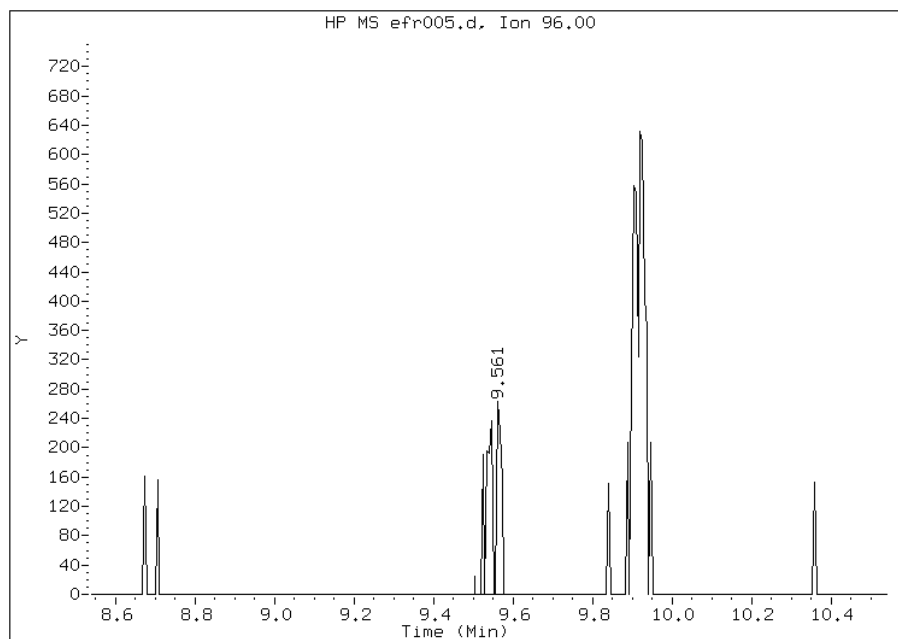
Processing Integration Results

RT: 9.55
Response: 261
Amount: 0.005579
Conc: 0.005579



Manual Integration Results

RT: 9.56
Response: 467
Amount: 0.008705
Conc: 0.008705



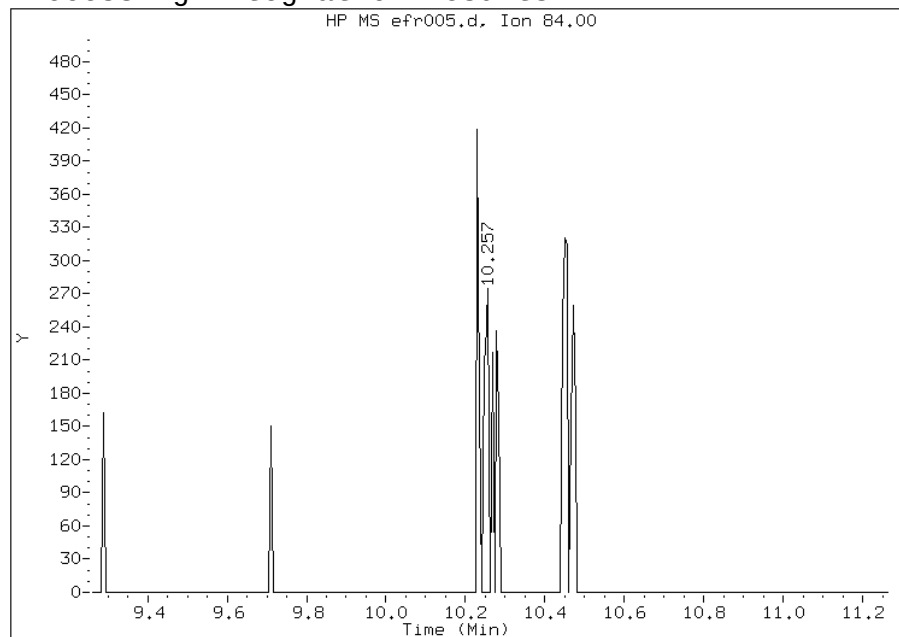
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 04/23/2013

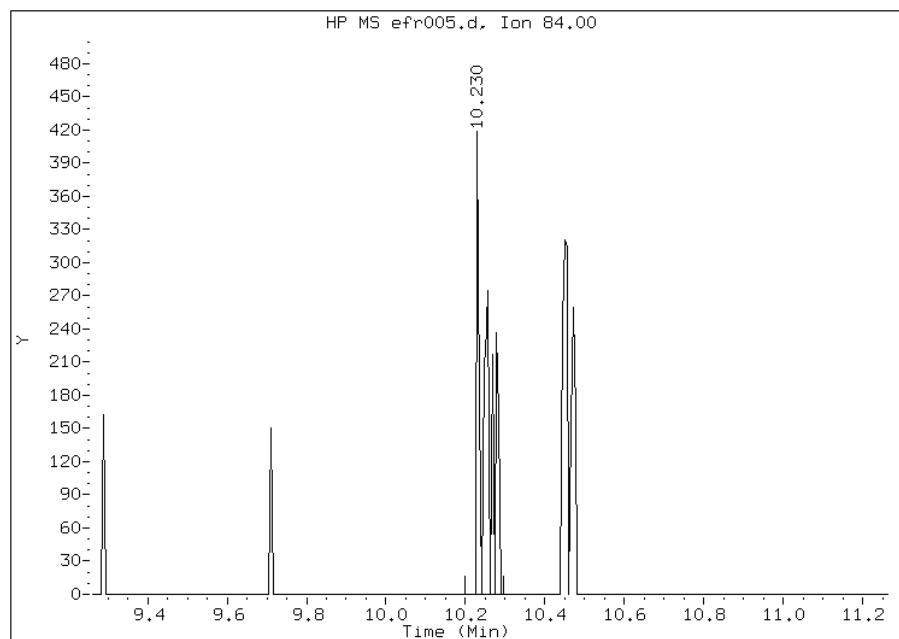
Processing Integration Results

RT: 10.26
Response: 225
Amount: 0.003930
Conc: 0.003930



Manual Integration Results

RT: 10.23
Response: 614
Amount: 0.009689
Conc: 0.009689



File Uploaded By: wrd
Manual Integration Reason: Baseline event

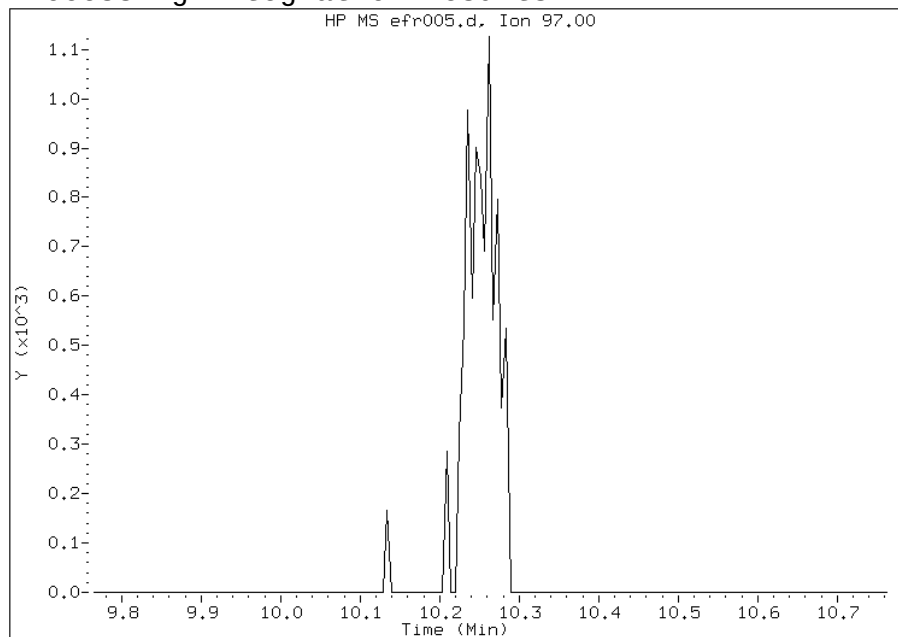
Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 41 1,1,1-Trichloroethane
CAS #: 71-55-6
Report Date: 04/23/2013

Processing Integration Results

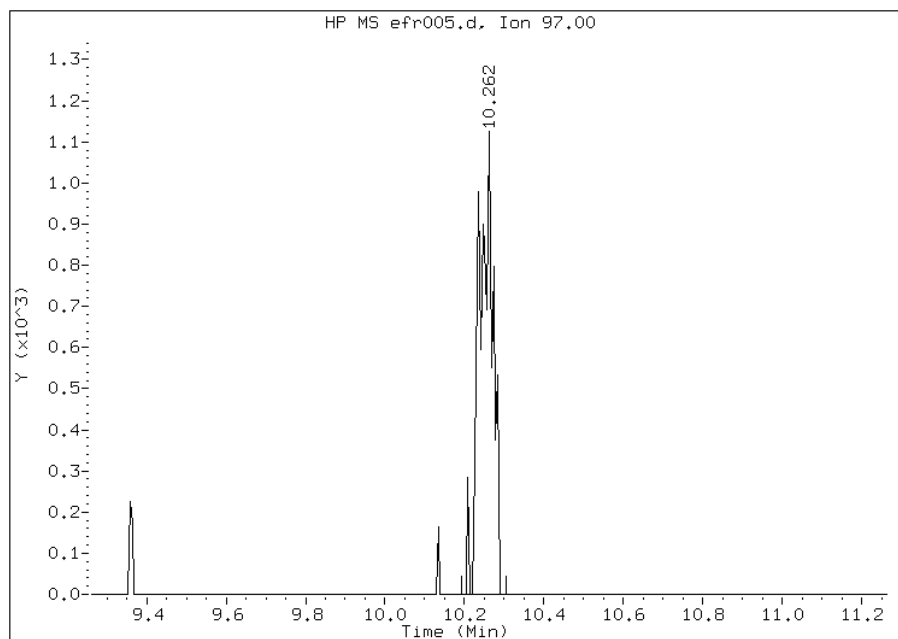
Not Detected

Expected RT: 10.26



Manual Integration Results

RT: 10.26
Response: 2739
Amount: 0.010133
Conc: 0.010133



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

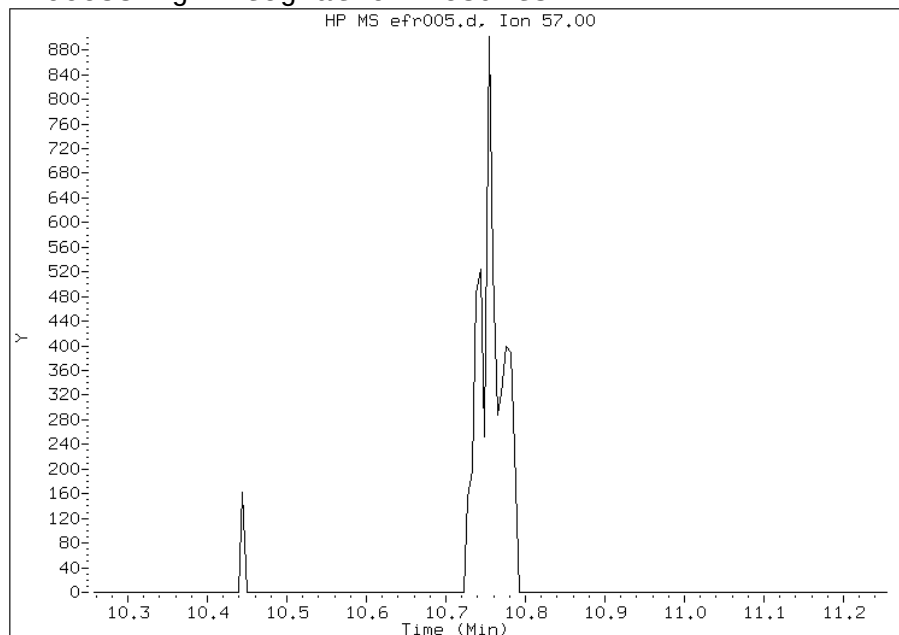
Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 04/23/2013

Processing Integration Results

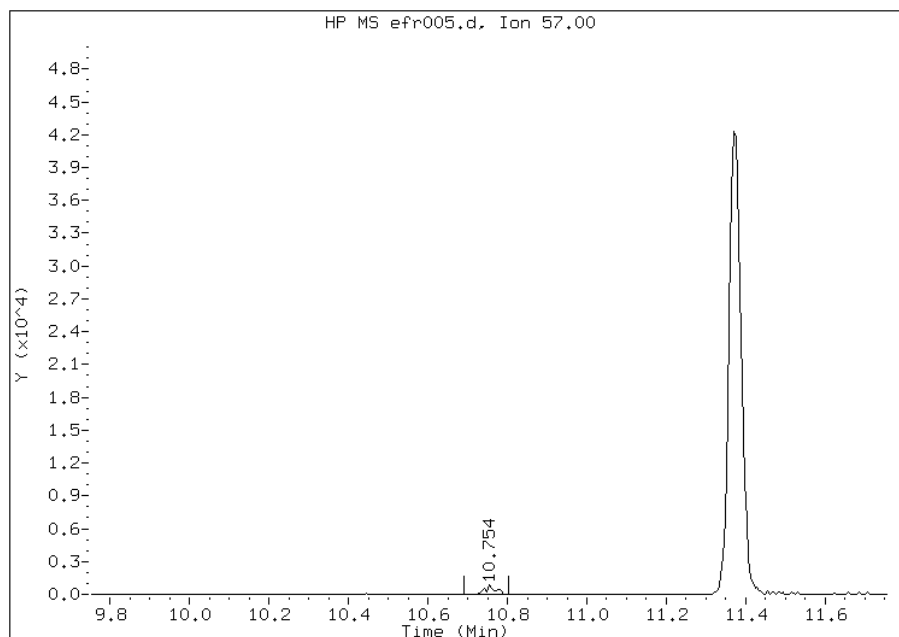
Not Detected

Expected RT: 10.75



Manual Integration Results

RT: 10.75
Response: 1499
Amount: 0.010441
Conc: 0.010441



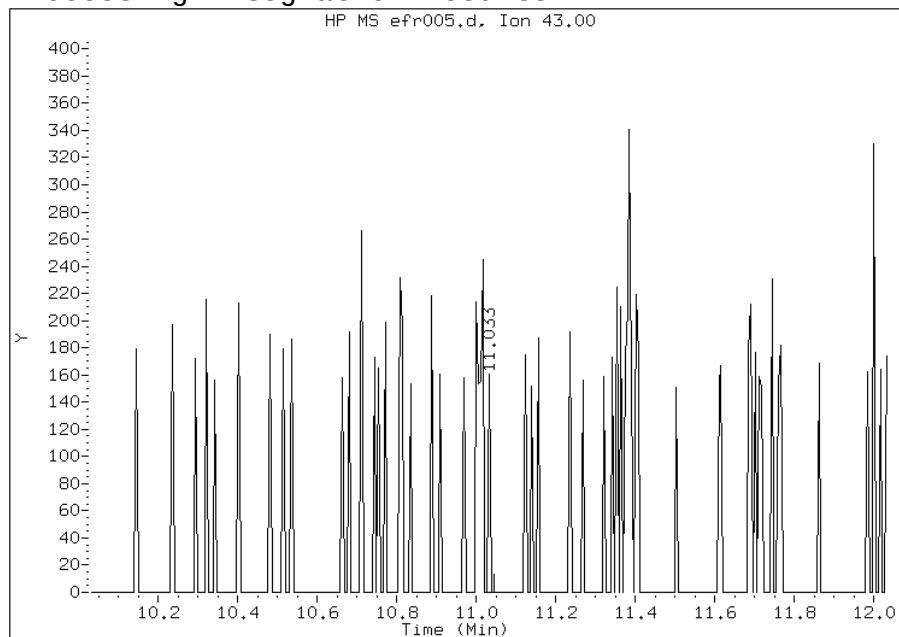
File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 46 n-Heptane
CAS #: 142-82-5
Report Date: 04/23/2013

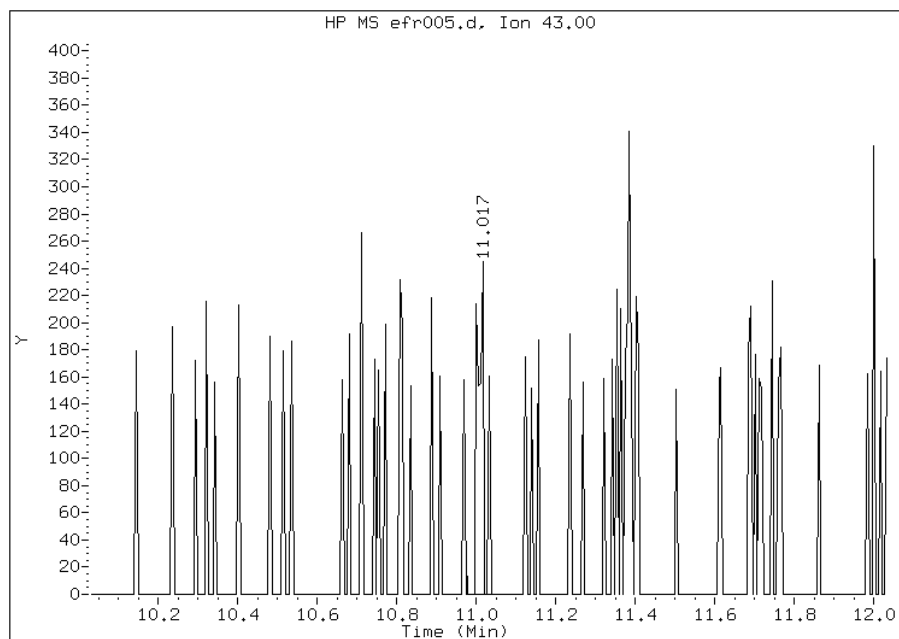
Processing Integration Results

RT: 11.03
Response: 51
Amount: 0.001208
Conc: 0.001208



Manual Integration Results

RT: 11.02
Response: 298
Amount: 0.006277
Conc: 0.006277



File Uploaded By: wrd
Manual Integration Reason: Baseline event

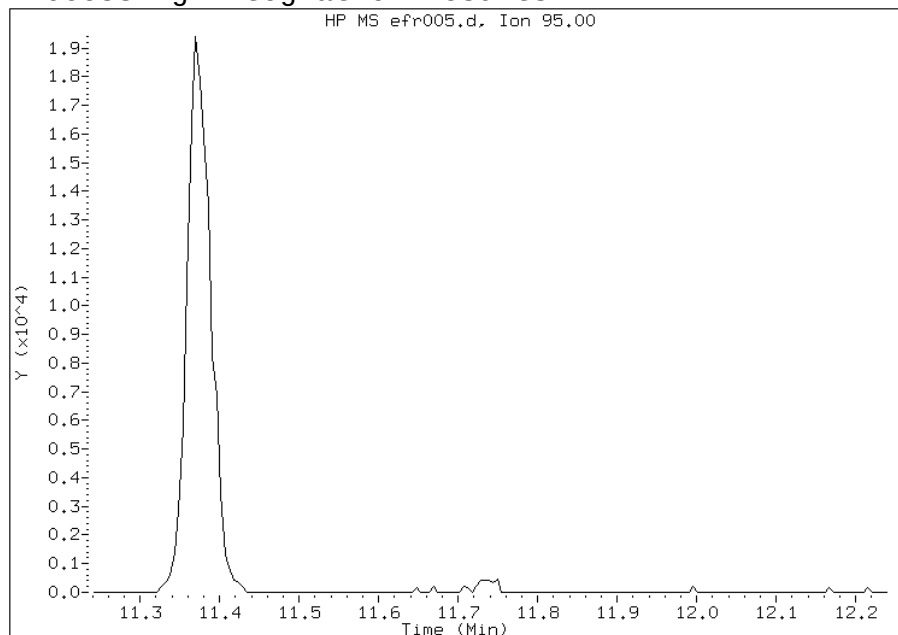
Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 49 Trichloroethene
CAS #: 79-01-6
Report Date: 04/23/2013

Processing Integration Results

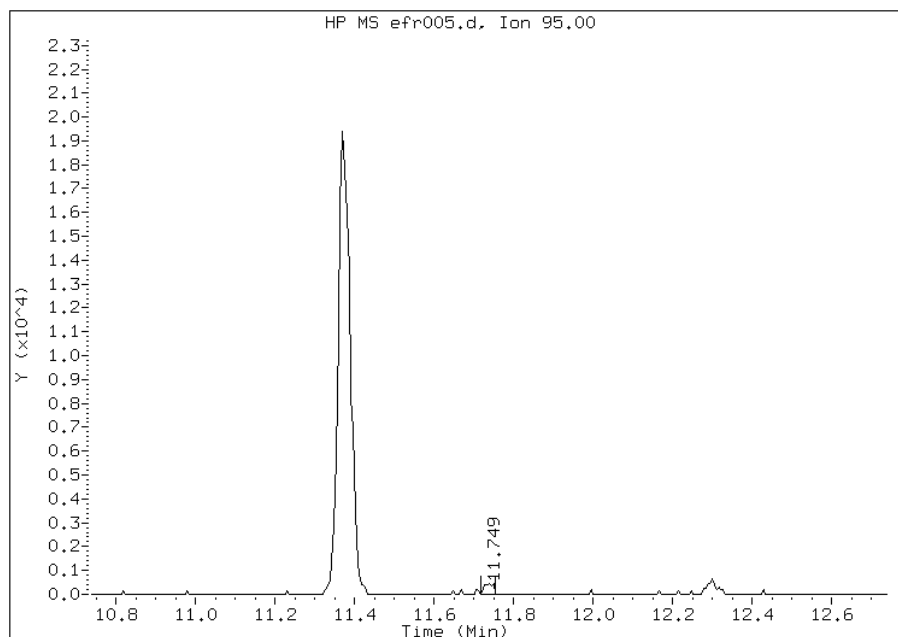
Not Detected

Expected RT: 11.74



Manual Integration Results

RT: 11.75
Response: 732
Amount: 0.008471
Conc: 0.008471



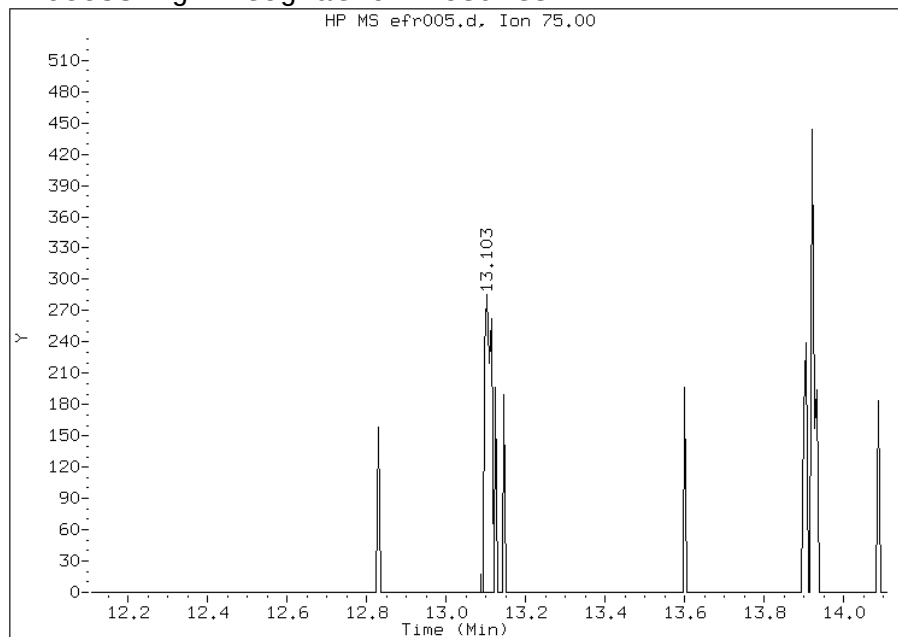
File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 55 1,3-Dichloropropene (cis)
CAS #: 10061-01-5
Report Date: 04/23/2013

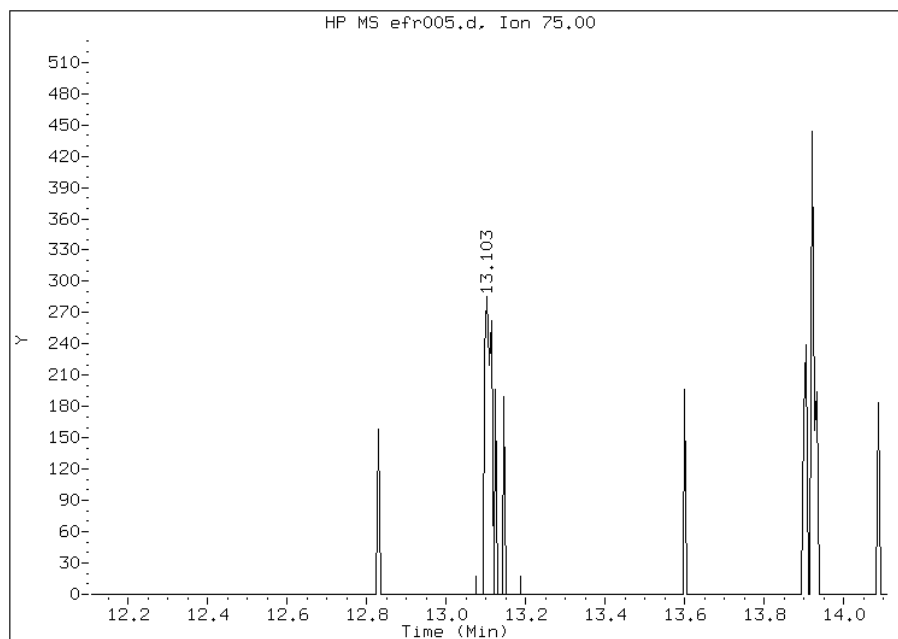
Processing Integration Results

RT: 13.10
Response: 320
Amount: 0.006879
Conc: 0.006879



Manual Integration Results

RT: 13.10
Response: 444
Amount: 0.008602
Conc: 0.008602



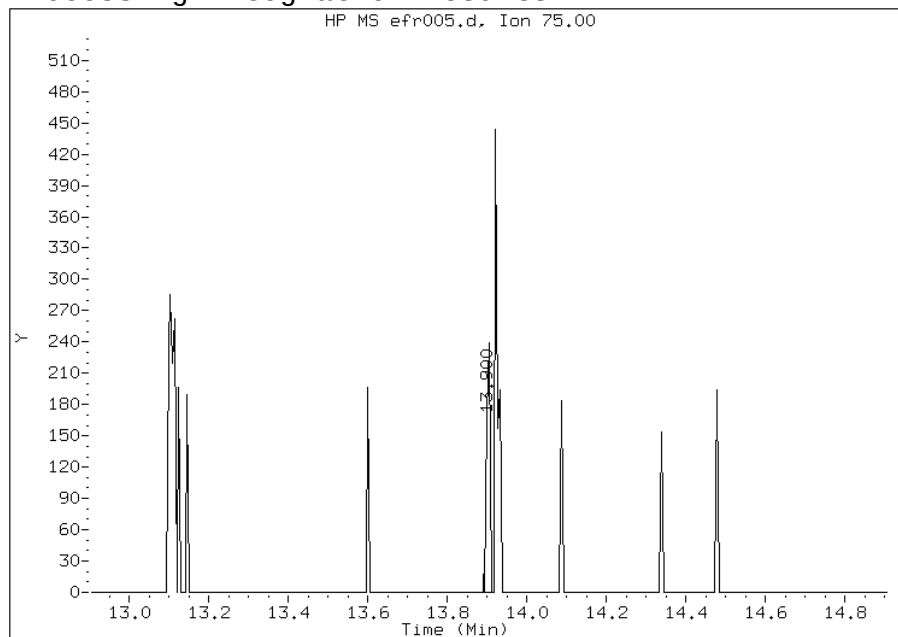
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 59 1,3-Dichloropropene (trans)
CAS #: 10061-02-6
Report Date: 04/23/2013

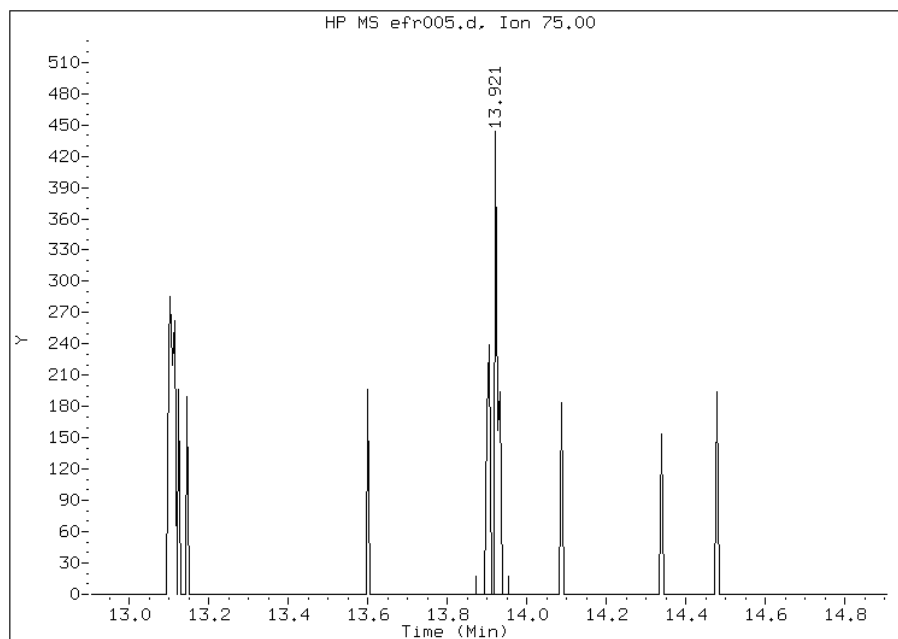
Processing Integration Results

RT: 13.90
Response: 131
Amount: 0.002813
Conc: 0.002813



Manual Integration Results

RT: 13.92
Response: 386
Amount: 0.007687
Conc: 0.007687



File Uploaded By: wrd
Manual Integration Reason: Baseline event

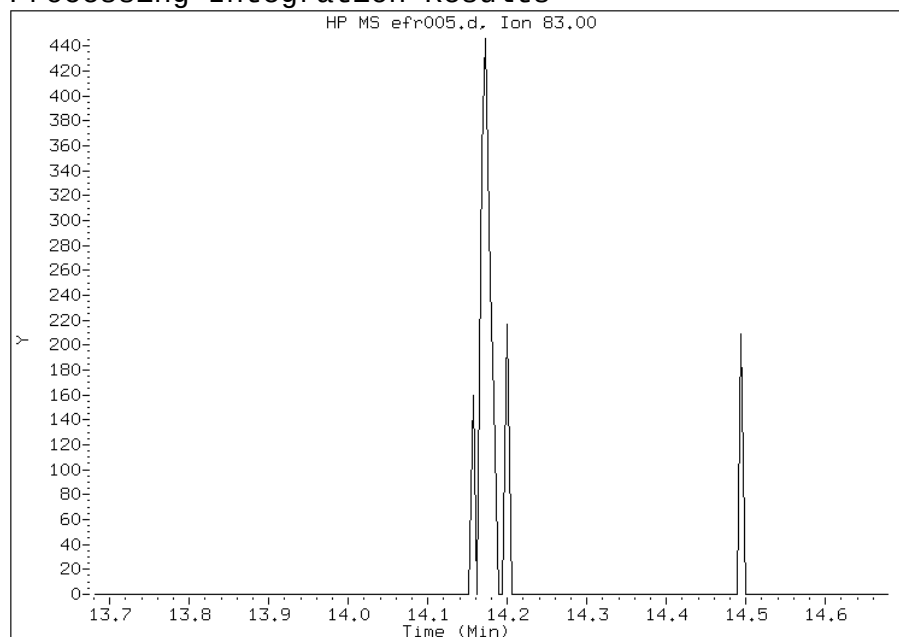
Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 60 1,1,2-Trichloroethane
CAS #: 79-00-5
Report Date: 04/23/2013

Processing Integration Results

Not Detected

Expected RT: 14.18



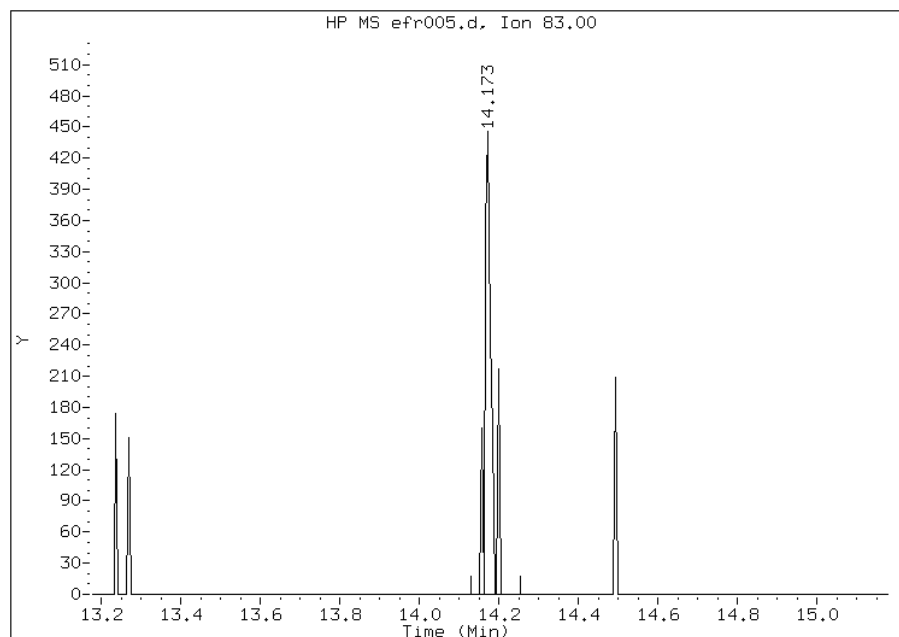
Manual Integration Results

RT: 14.17

Response: 508

Amount: 0.008176

Conc: 0.008176



File Uploaded By: wrd

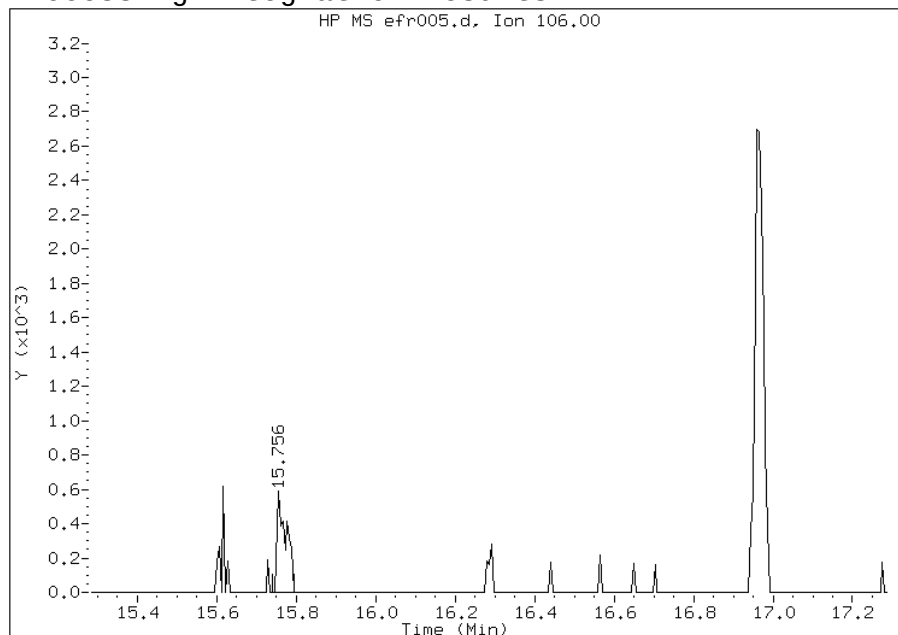
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/23/2013

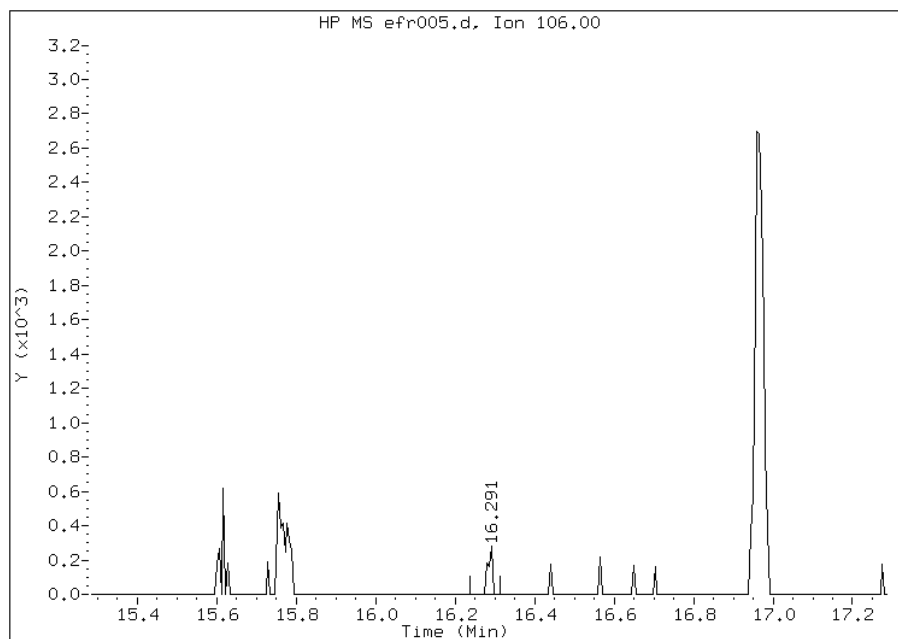
Processing Integration Results

RT: 15.76
Response: 969
Amount: 0.018430
Conc: 0.018430



Manual Integration Results

RT: 16.29
Response: 199
Amount: 0.004735
Conc: 0.004735



File Uploaded By: wrd
Manual Integration Reason: Baseline event

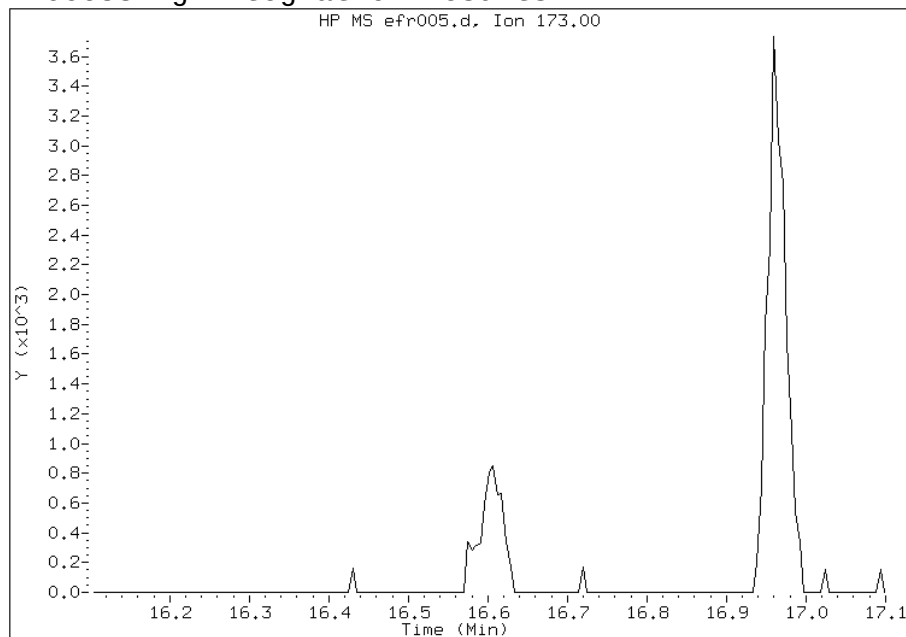
Manual Integration Report

Data File: efr005.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 12:57
Instrument ID: E.i
Client ID:
Compound: 73 Bromoform
CAS #: 75-25-2
Report Date: 04/23/2013

Processing Integration Results

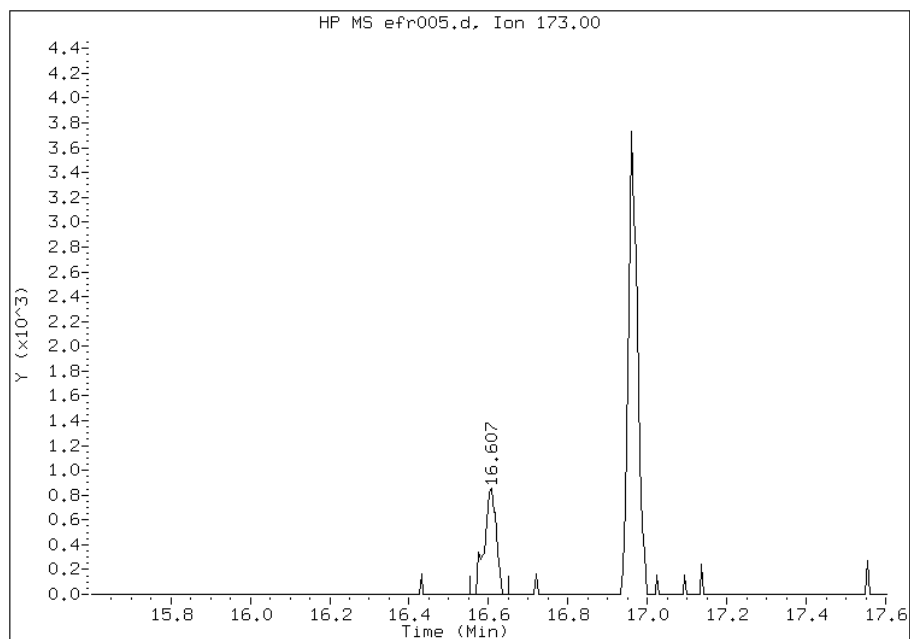
Not Detected

Expected RT: 16.60



Manual Integration Results

RT: 16.61
Response: 1721
Amount: 0.009479
Conc: 0.009479



File Uploaded By: wrd
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr006.d
Lab Smp Id: ic 485960
Inj Date : 21-APR-2013 13:51
Operator : wrd
Smp Info : ic 485960
Misc Info : 200,1, level 2
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:24 wrd
Cal Date : 21-APR-2013 13:51
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr006.d
Calibration Sample, Level: 2
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		3.196	3.169	(0.322)	8528	0.02000	0.022
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.431	3.399	(0.345)	6695	0.02000	0.020
7 Vinyl chloride	62		3.768	3.747	(0.379)	1730	0.02000	0.019(a)
8 1,3-Butadiene	54		3.832	3.805	(0.386)	1339	0.02000	0.023
9 Bromomethane	94		4.442	4.415	(0.447)	3303	0.02000	0.024
10 Chloroethane	64		4.640	4.613	(0.467)	1056	0.02000	0.022(Q)
12 Vinyl bromide	106		5.020	4.988	(0.505)	2581	0.02000	0.022(Q)
13 Trichlorofluoromethane	101		5.127	5.095	(0.516)	8714	0.02000	0.020
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.256	6.213	(0.630)	4134	0.02000	0.020(a)
19 1,1-Dichloroethene	96		6.314	6.282	(0.635)	1186	0.02000	0.020(M)
22 Allyl chloride	41		7.090	7.079	(0.714)	724	0.02000	0.022(Q)
25 Methylene chloride	49		7.379	7.358	(0.743)	4872	0.02000	0.066(a)
27 1,2-Dichloroethene (trans)	61		7.818	7.807	(0.787)	1321	0.02000	0.017(Q)
28 Methyl tert-butyl ether	73		7.786	7.769	(0.784)	1088	0.02000	0.015(QM)

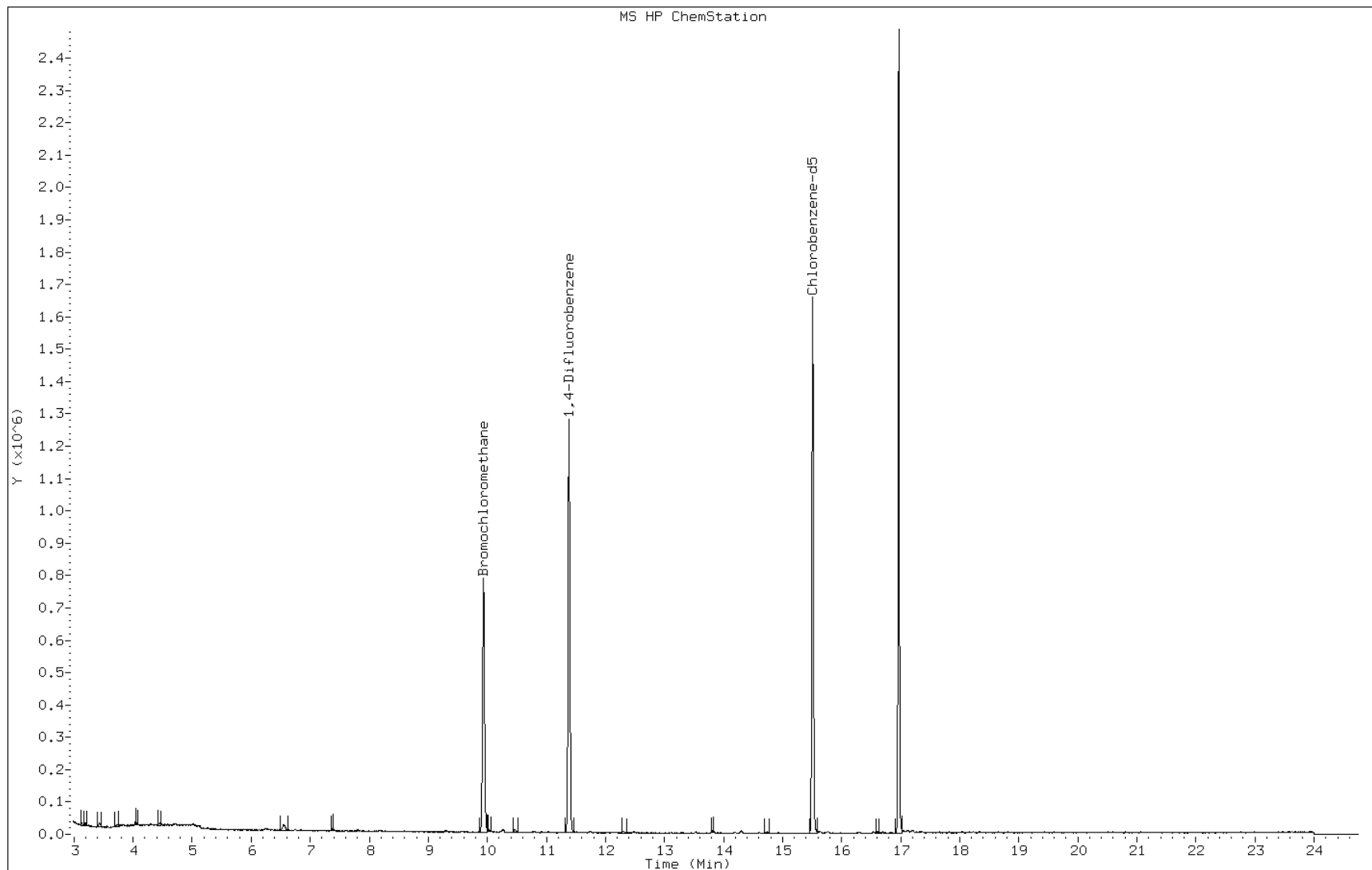
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
30 n-Hexane	57		8.181	8.149	(0.823)	707	0.02000	0.015(aM)
31 1,1-Dichloroethane	63		8.615	8.593	(0.867)	2065	0.02000	0.019(M)
M 33 1,2-Dichloroethene, Total	61					2395	0.04000	0.038
34 1,2-Dichloroethene (cis)	96		9.551	9.540	(0.961)	1074	0.02000	0.021(M)
* 36 Bromochloromethane	128		9.936	9.925	(1.000)	285302	2.00000	
39 Chloroform	83		10.022	10.011	(1.009)	3941	0.02000	0.020
40 Cyclohexane	84		10.268	10.262	(0.902)	1156	0.02000	0.020(M)
41 1,1,1-Trichloroethane	97		10.263	10.262	(0.902)	5277	0.02000	0.021
42 Carbon tetrachloride	117		10.477	10.460	(0.921)	7937	0.02000	0.022
43 2,2,4-Trimethylpentane	57		10.776	10.755	(0.947)	2450	0.02000	0.018(M)
44 Benzene	78		10.814	10.803	(0.950)	2491	0.02000	0.017
45 1,2-Dichloroethane	62		10.926	10.920	(0.960)	2140	0.02000	0.020(M)
46 n-Heptane	43		11.033	11.033	(0.969)	966	0.02000	0.022(QM)
* 47 1,4-Difluorobenzene	114		11.381	11.375	(1.000)	1176591	2.00000	
49 Trichloroethene	95		11.744	11.739	(1.032)	1624	0.02000	0.020
50 1,2-Dichloropropane	63		12.114	12.108	(1.064)	734	0.02000	0.017(aM)
54 Bromodichloromethane	83		12.477	12.477	(1.096)	3875	0.02000	0.021
55 1,3-Dichloropropene (cis)	75		13.103	13.108	(1.151)	981	0.02000	0.021(M)
58 Toluene	92		13.537	13.536	(0.873)	1414	0.02000	0.018(Q)
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.222)	958	0.02000	0.021
60 1,1,2-Trichloroethane	83		14.168	14.178	(0.913)	1279	0.02000	0.023(QM)
61 Tetrachloroethene	166		14.296	14.296	(0.922)	3018	0.02000	0.020
63 Dibromochloromethane	129		14.730	14.735	(0.950)	3452	0.02000	0.019
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	1846	0.02000	0.020
* 65 Chlorobenzene-d5	117		15.511	15.505	(1.000)	1065074	2.00000	
67 Ethylbenzene	91		15.618	15.618	(1.007)	2601	0.02000	0.016
69 Xylene (m,p)	106		15.773	15.762	(1.017)	1935	0.04000	0.033(Q)
M 70 Xylene, Total	106					2434	0.06000	0.046
71 Xylene (o)	106		16.286	16.286	(1.050)	499	0.02000	0.013(QM)
73 Bromoform	173		16.597	16.602	(1.070)	3042	0.02000	0.018(Q)
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	2434	0.02000	0.024(Q)
79 4-Ethyltoluene	105		17.313	17.308	(1.116)	1883	0.02000	0.020
81 1,3,5-Trimethylbenzene	105		17.372	17.378	(1.120)	1071	0.02000	0.015(aQ)

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: efr006.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485960
Lab Sample ID: ic 485960

Date: 21-APR-2013 13:51
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

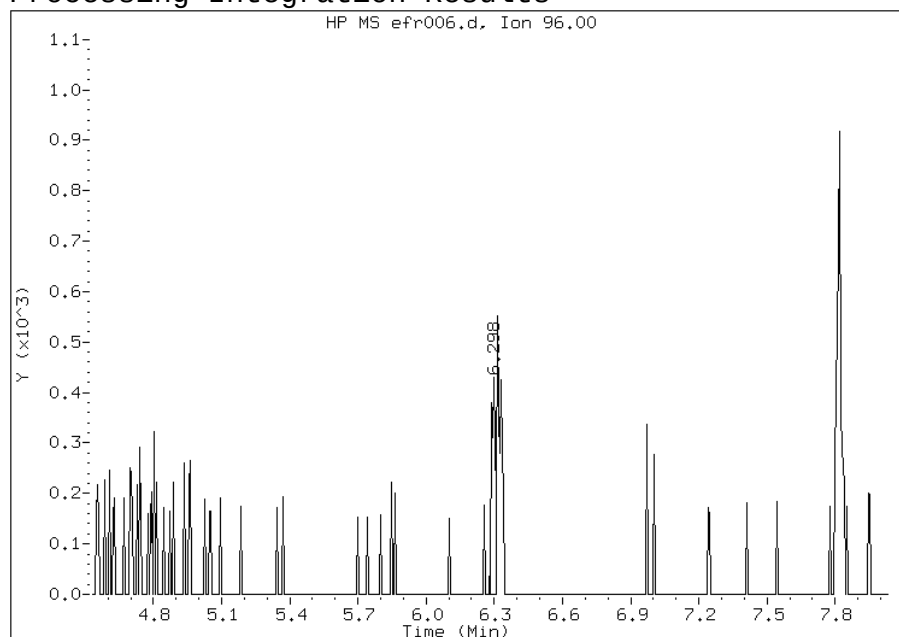


Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 19 1,1-Dichloroethene
CAS #: 75-35-4
Report Date: 04/23/2013

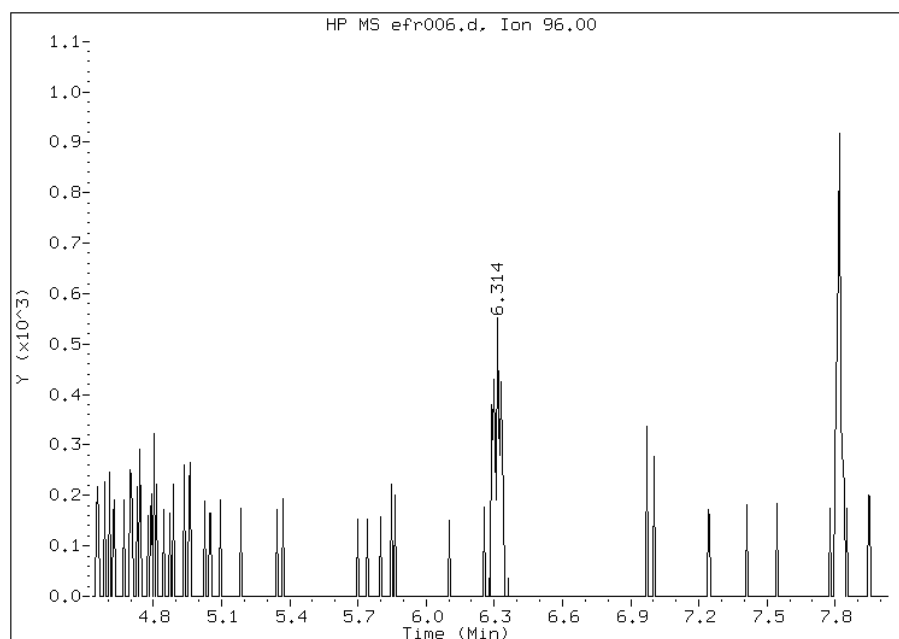
Processing Integration Results

RT: 6.30
Response: 517
Amount: 0.014773
Conc: 0.014773



Manual Integration Results

RT: 6.31
Response: 1186
Amount: 0.019694
Conc: 0.019694



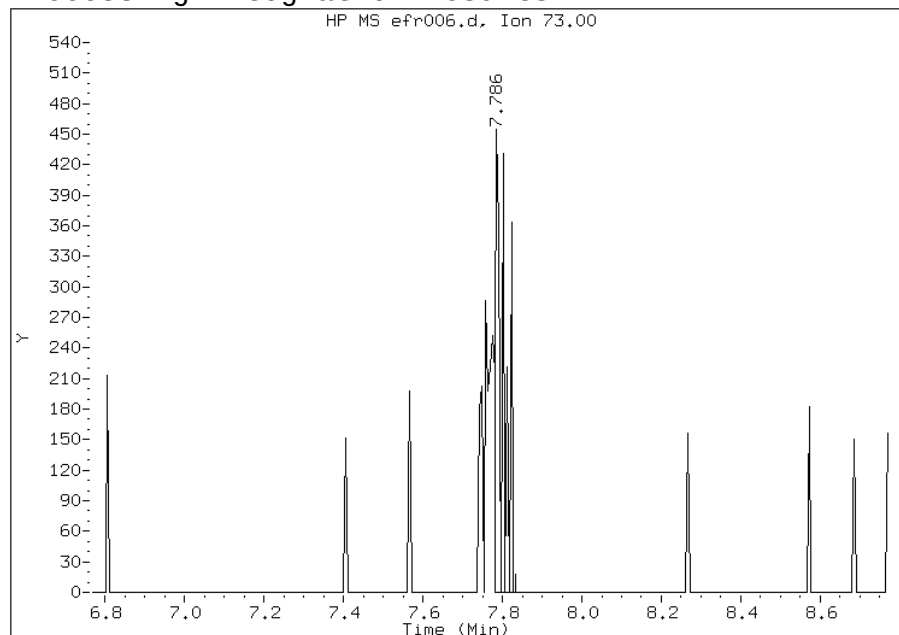
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 28 Methyl tert-butyl ether
CAS #: 1634-04-4
Report Date: 04/23/2013

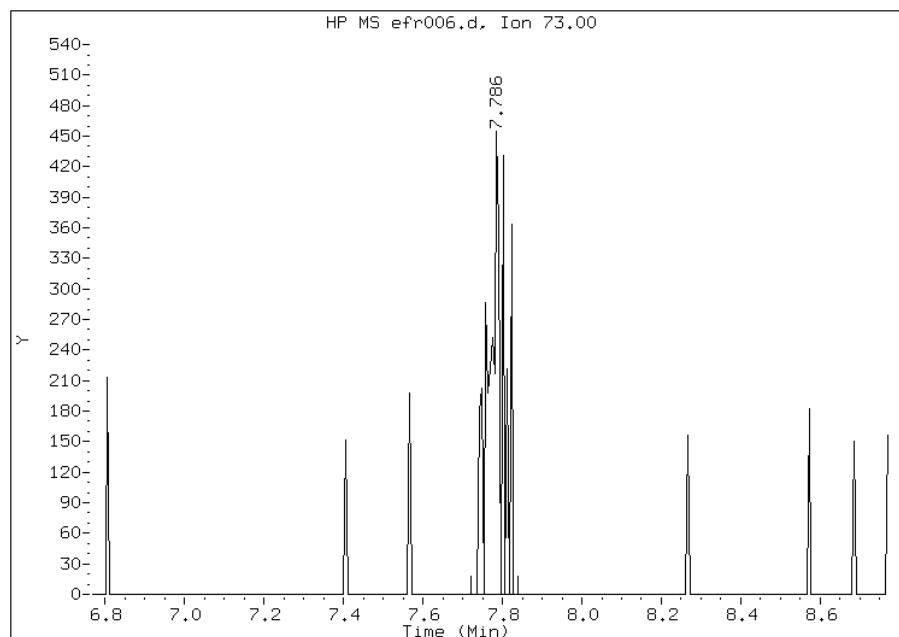
Processing Integration Results

RT: 7.79
Response: 657
Amount: 0.009694
Conc: 0.009694



Manual Integration Results

RT: 7.79
Response: 1088
Amount: 0.015356
Conc: 0.015356



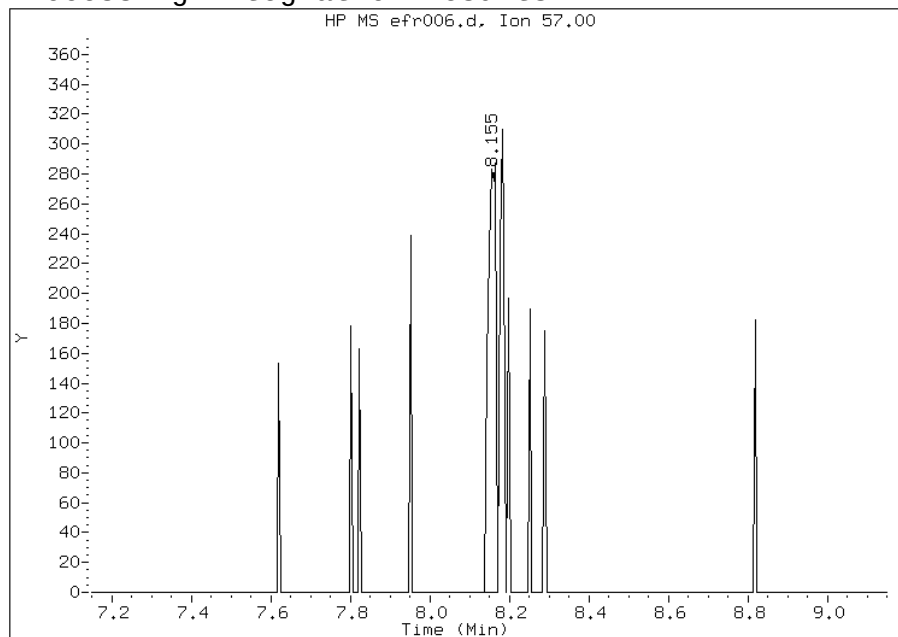
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 04/23/2013

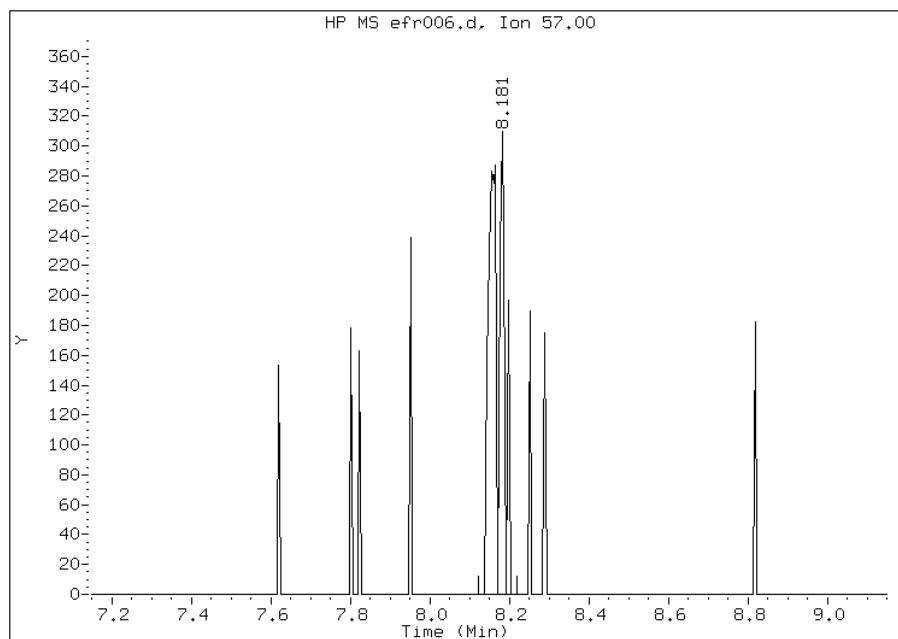
Processing Integration Results

RT: 8.15
Response: 394
Amount: 0.008968
Conc: 0.008968



Manual Integration Results

RT: 8.18
Response: 707
Amount: 0.015191
Conc: 0.015191



File Uploaded By: wrd
Manual Integration Reason: Baseline event

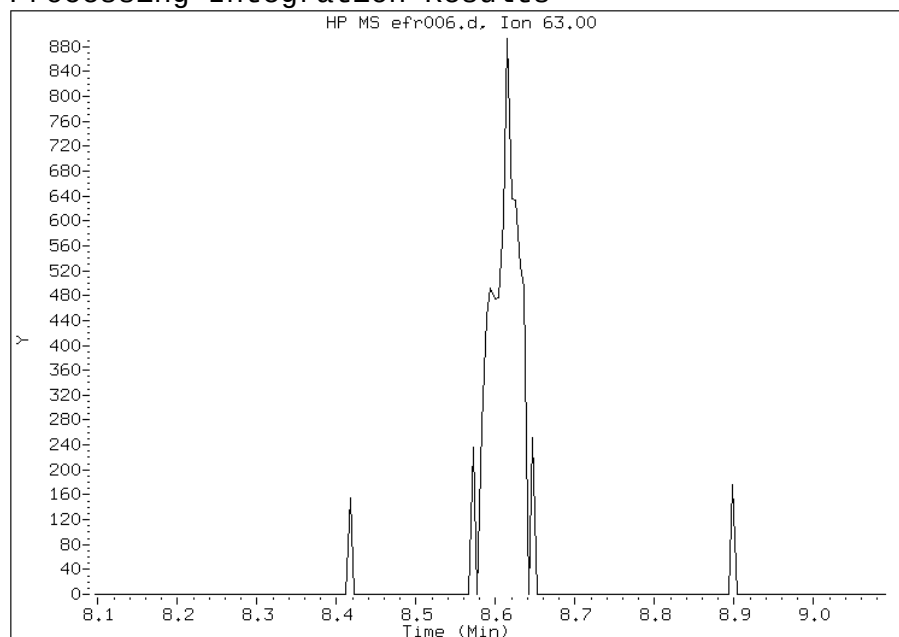
Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 04/23/2013

Processing Integration Results

Not Detected

Expected RT: 8.59



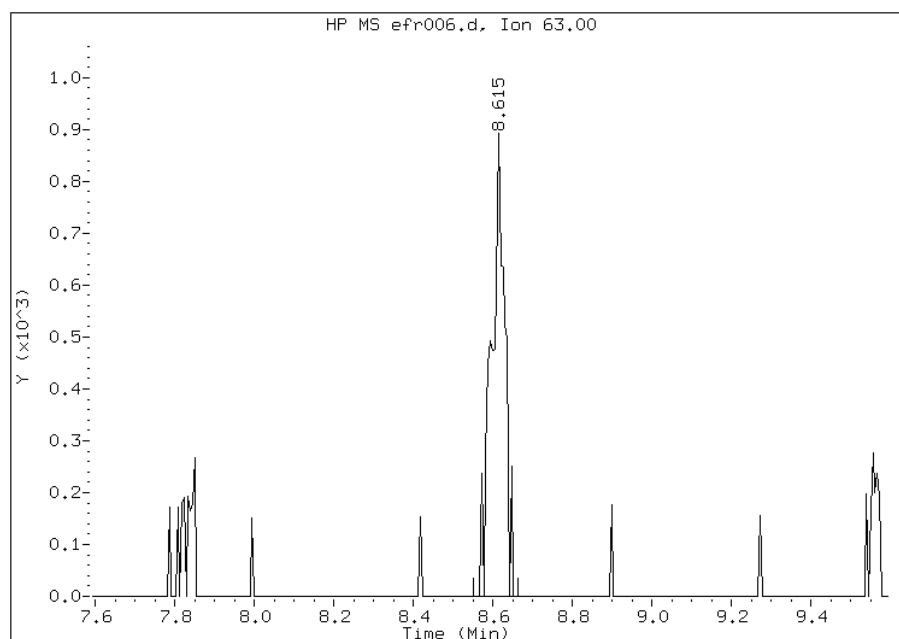
Manual Integration Results

RT: 8.61

Response: 2065

Amount: 0.018742

Conc: 0.018742



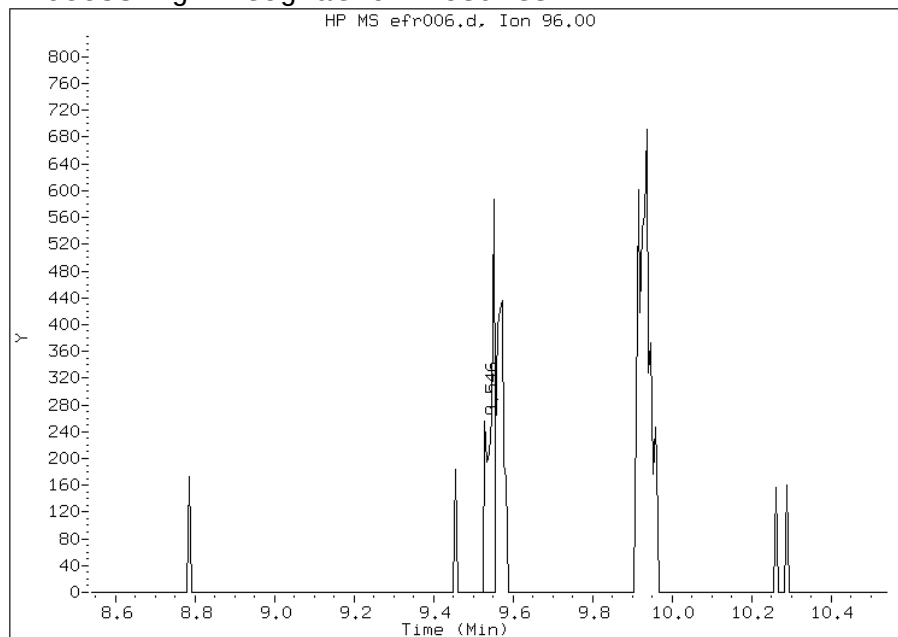
File Uploaded By: wrd
Manual Integration Reason:

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 34 1,2-Dichloroethene (cis)
CAS #: 156-59-2
Report Date: 04/23/2013

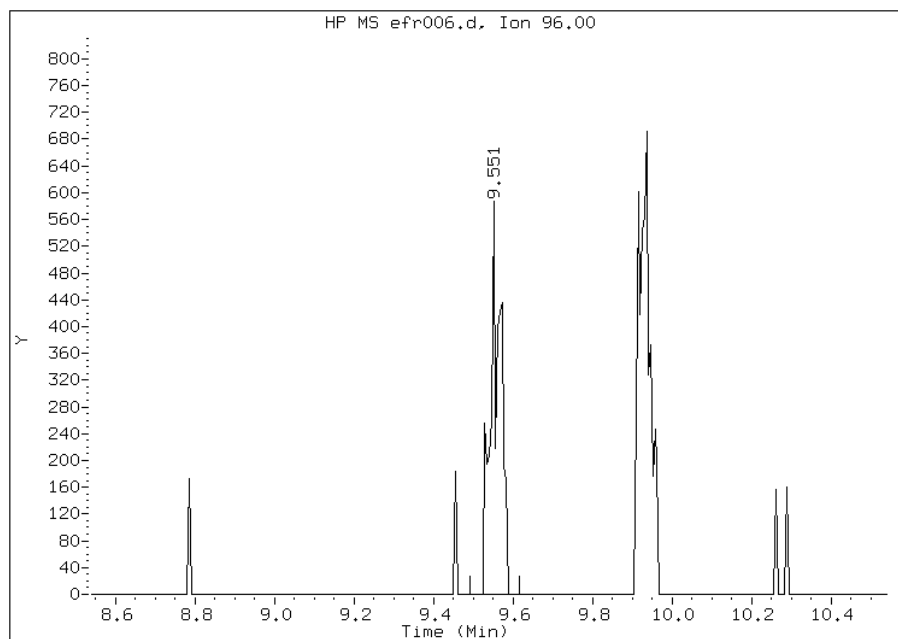
Processing Integration Results

RT: 9.55
Response: 553
Amount: 0.011714
Conc: 0.011714



Manual Integration Results

RT: 9.55
Response: 1074
Amount: 0.021088
Conc: 0.021088



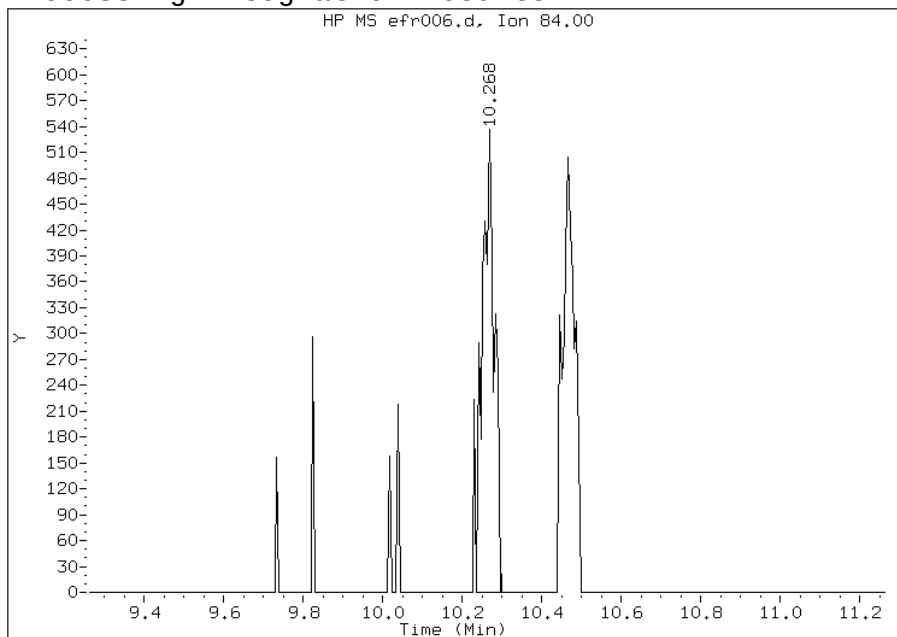
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 04/23/2013

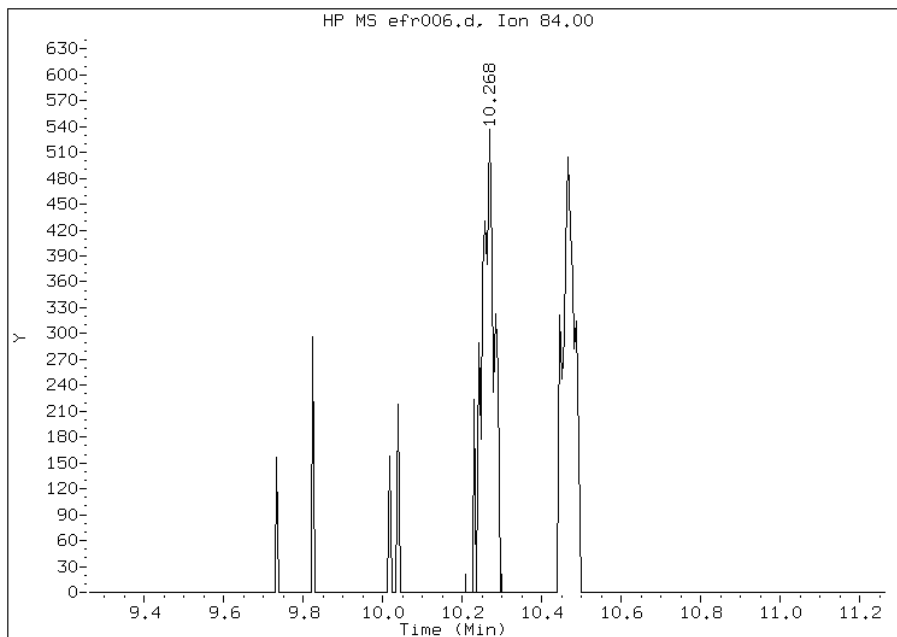
Processing Integration Results

RT: 10.27
Response: 1084
Amount: 0.018791
Conc: 0.018791



Manual Integration Results

RT: 10.27
Response: 1156
Amount: 0.019862
Conc: 0.019862



File Uploaded By: wrd
Manual Integration Reason: Baseline event

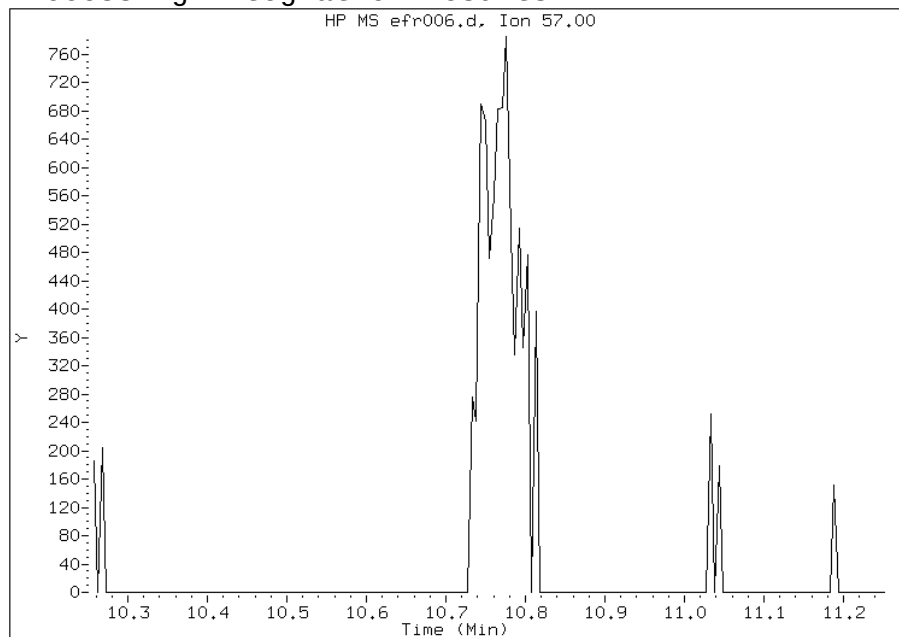
Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 04/23/2013

Processing Integration Results

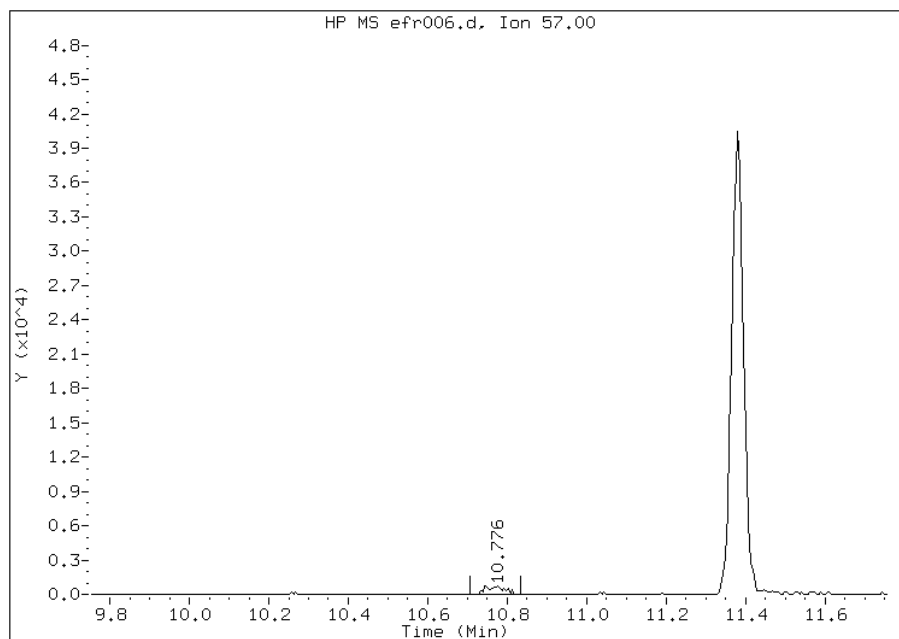
Not Detected

Expected RT: 10.75



Manual Integration Results

RT: 10.78
Response: 2450
Amount: 0.018581
Conc: 0.018581



File Uploaded By: wrd
Manual Integration Reason: Baseline event

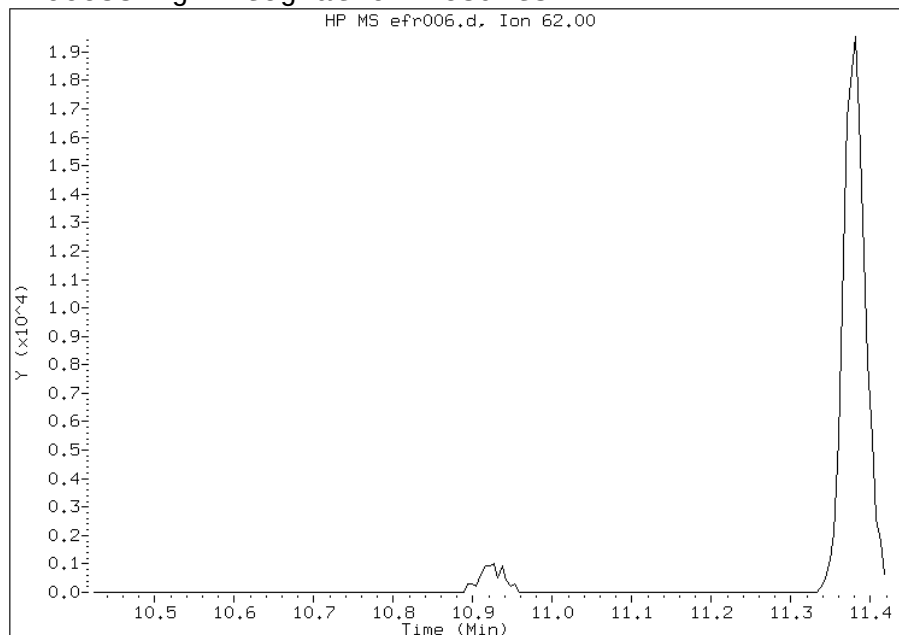
Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 04/23/2013

Processing Integration Results

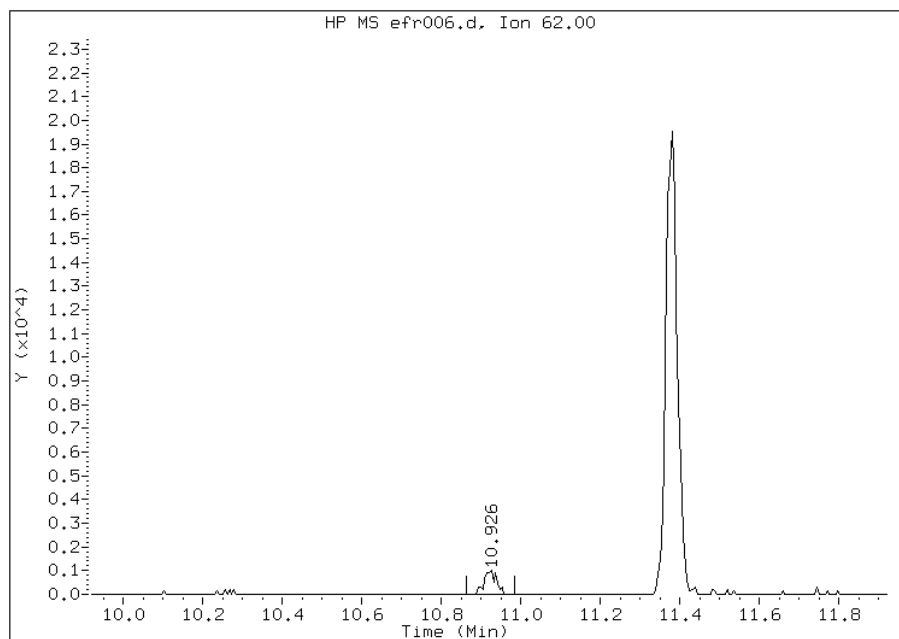
Not Detected

Expected RT: 10.92



Manual Integration Results

RT: 10.93
Response: 2140
Amount: 0.020098
Conc: 0.020098



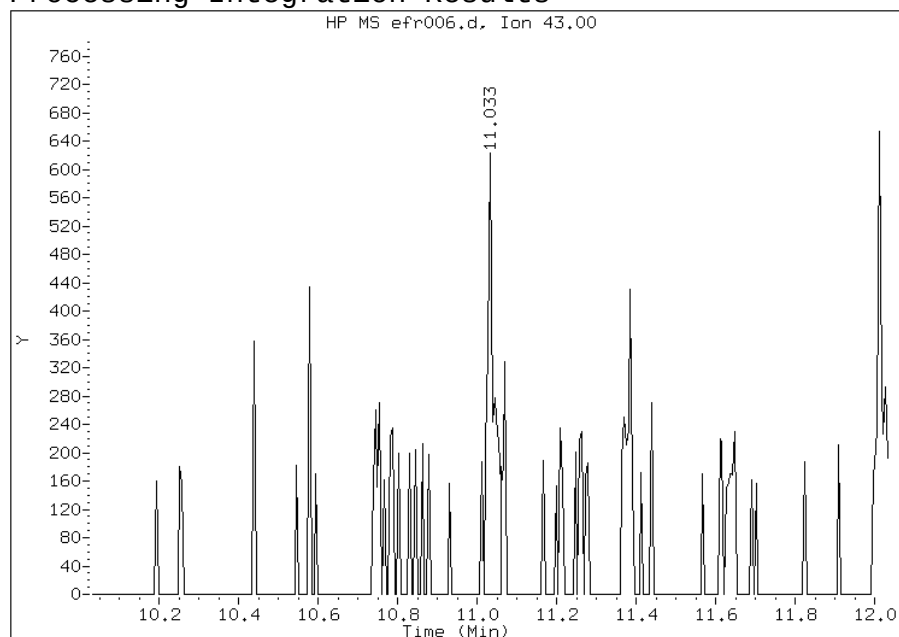
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 46 n-Heptane
CAS #: 142-82-5
Report Date: 04/23/2013

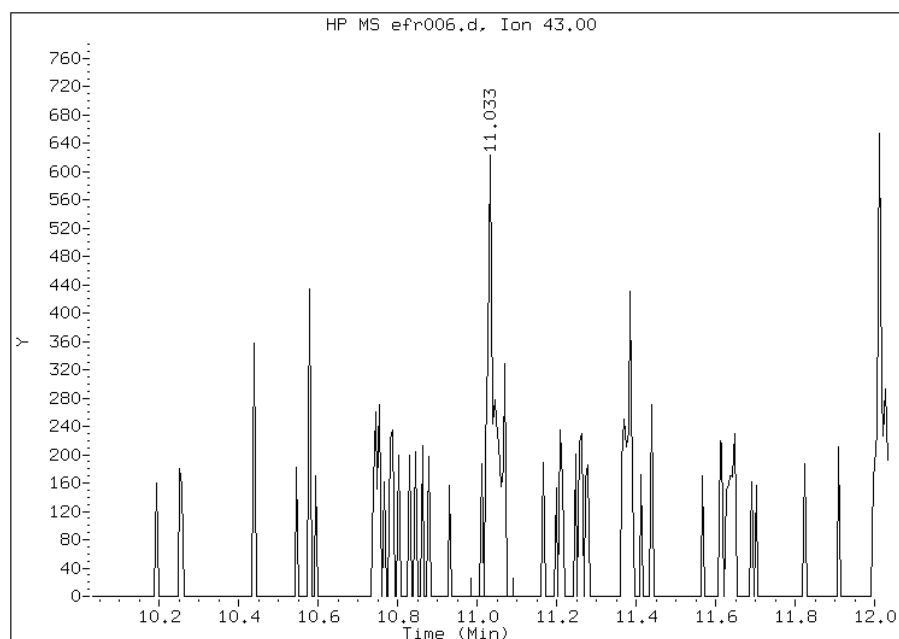
Processing Integration Results

RT: 11.03
Response: 742
Amount: 0.017666
Conc: 0.017666



Manual Integration Results

RT: 11.03
Response: 966
Amount: 0.022155
Conc: 0.022155



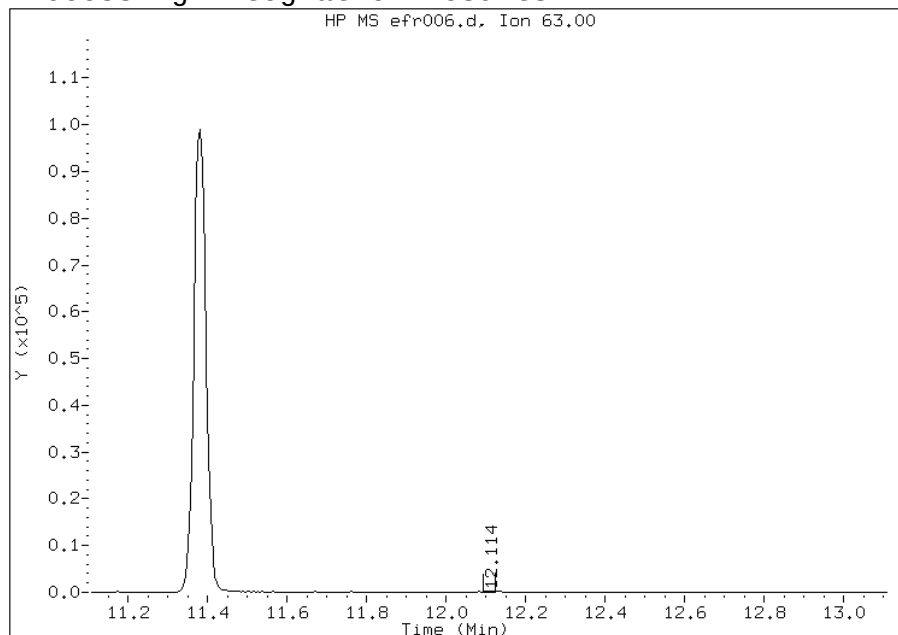
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 50 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 04/23/2013

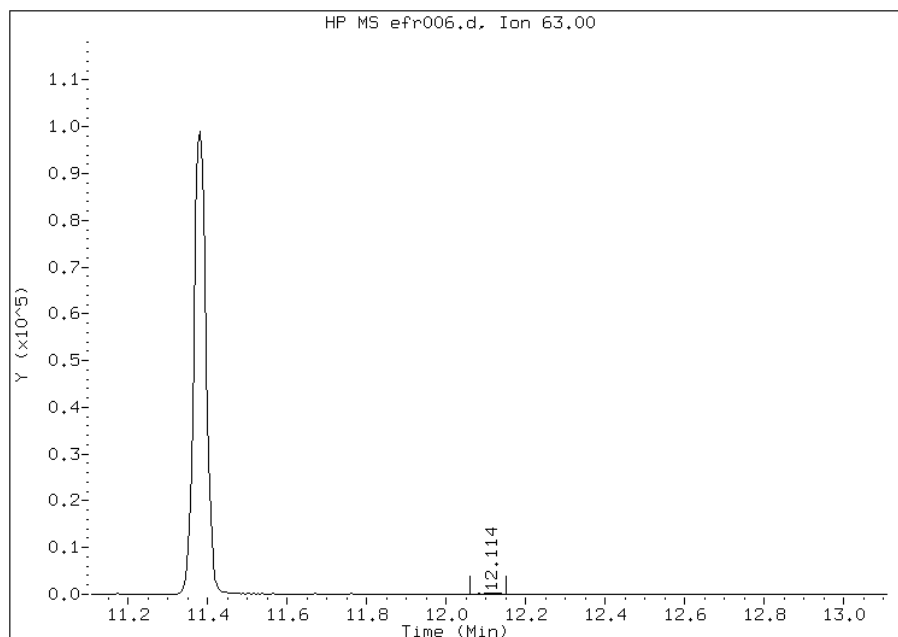
Processing Integration Results

RT: 12.11
Response: 511
Amount: 0.013084
Conc: 0.013084



Manual Integration Results

RT: 12.11
Response: 734
Amount: 0.017268
Conc: 0.017268



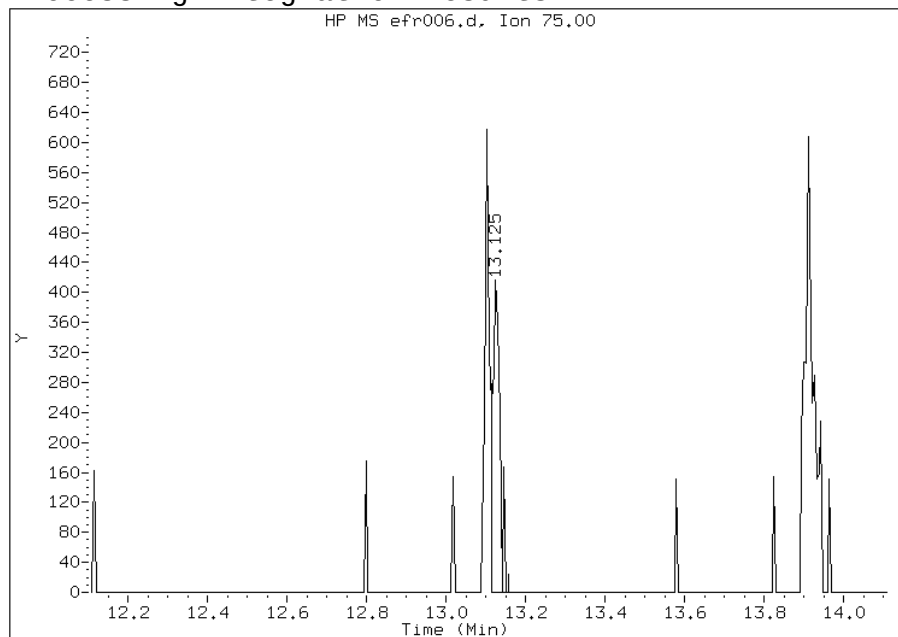
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 55 1,3-Dichloropropene (cis)
CAS #: 10061-01-5
Report Date: 04/23/2013

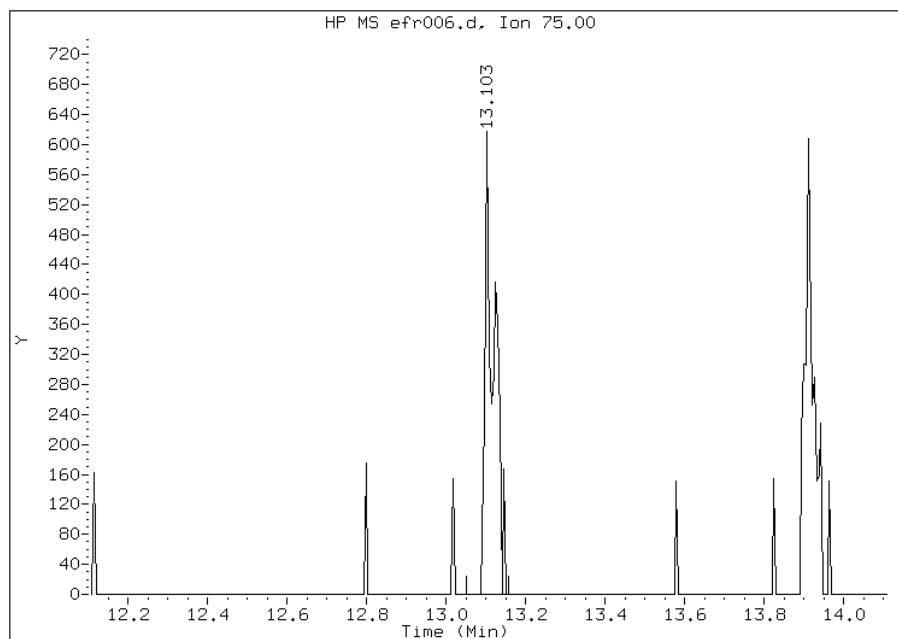
Processing Integration Results

RT: 13.12
Response: 554
Amount: 0.012491
Conc: 0.012491



Manual Integration Results

RT: 13.10
Response: 981
Amount: 0.020695
Conc: 0.020695



File Uploaded By: wrd
Manual Integration Reason: Baseline event

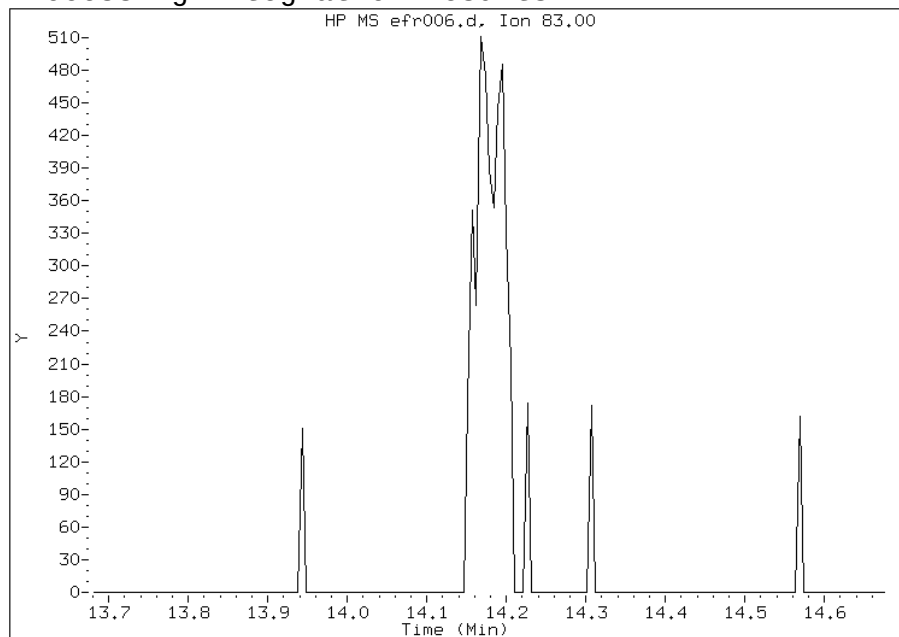
Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 60 1,1,2-Trichloroethane
CAS #: 79-00-5
Report Date: 04/23/2013

Processing Integration Results

Not Detected

Expected RT: 14.18



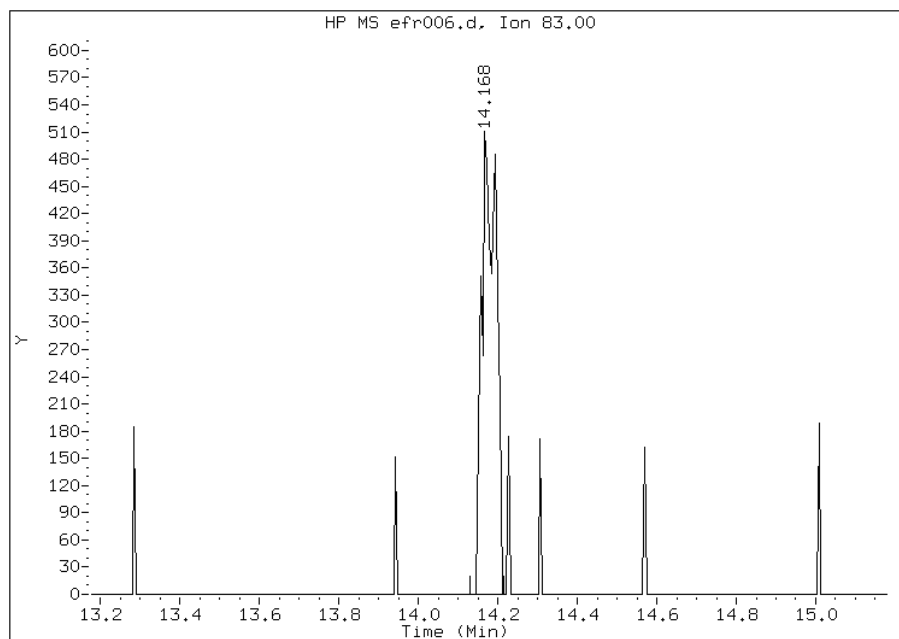
Manual Integration Results

RT: 14.17

Response: 1279

Amount: 0.022687

Conc: 0.022687



File Uploaded By: wrd

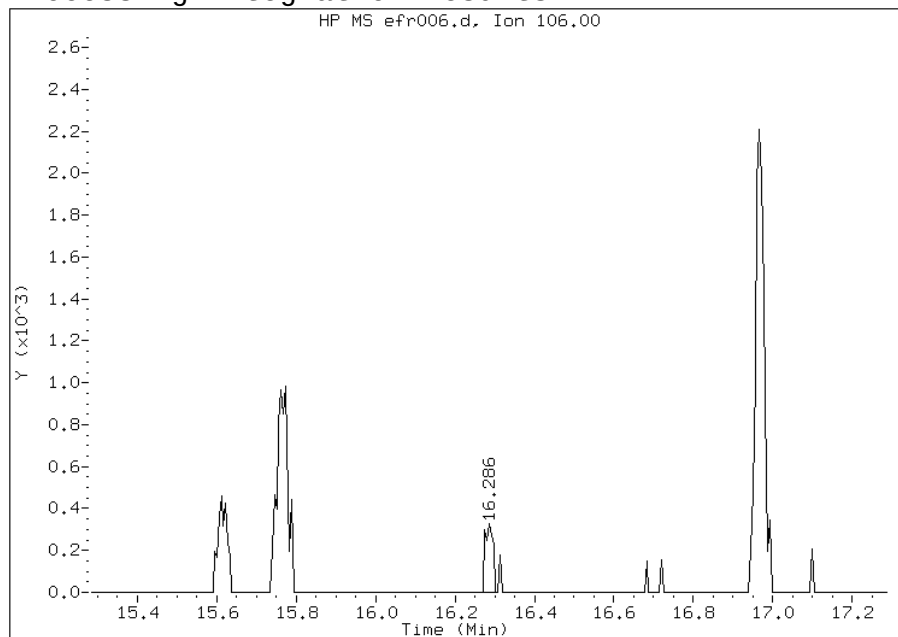
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: efr006.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 13:51
Instrument ID: E.i
Client ID:
Compound: 71 Xylene (o)
CAS #: 95-47-6
Report Date: 04/23/2013

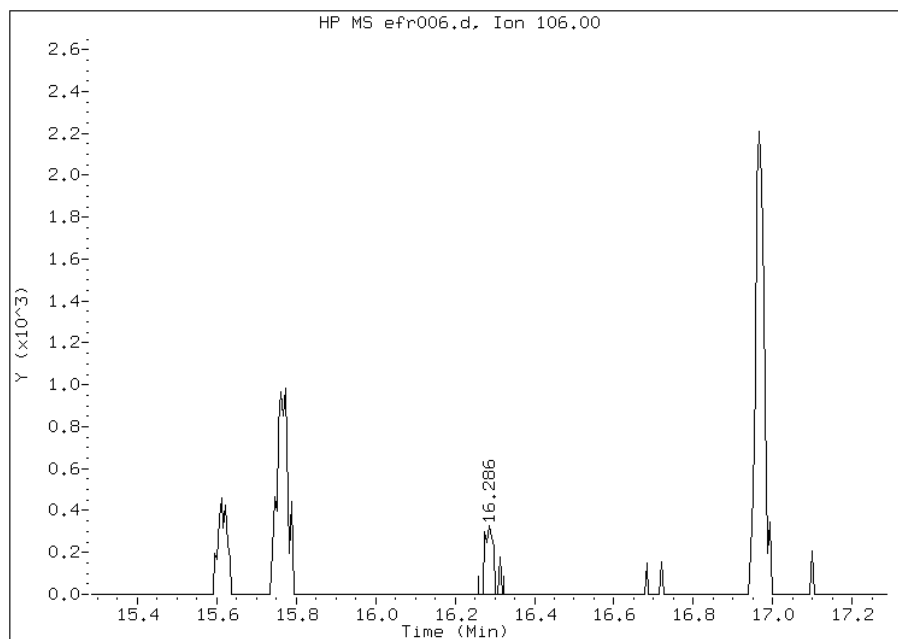
Processing Integration Results

RT: 16.29
Response: 442
Amount: 0.011717
Conc: 0.011717



Manual Integration Results

RT: 16.29
Response: 499
Amount: 0.013087
Conc: 0.013087



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr007.d
Lab Smp Id: ic 485960
Inj Date : 21-APR-2013 14:45
Operator : wrd
Smp Info : ic 485960
Misc Info : 400,1, level 3
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 14:45
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr007.d
Calibration Sample, Level: 3
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	400.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	15753	0.04000	0.040	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	12750	0.04000	0.038	
7 Vinyl chloride	62	3.741	3.747	(0.377)	3975	0.04000	0.042	
8 1,3-Butadiene	54	3.800	3.805	(0.383)	2651	0.04000	0.044	
9 Bromomethane	94	4.410	4.415	(0.444)	5956	0.04000	0.043	
10 Chloroethane	64	4.613	4.613	(0.465)	2211	0.04000	0.046	
12 Vinyl bromide	106	4.998	4.988	(0.504)	4642	0.04000	0.039(Q)	
13 Trichlorofluoromethane	101	5.095	5.095	(0.513)	18305	0.04000	0.041	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.223	6.213	(0.627)	9258	0.04000	0.043	
19 1,1-Dichloroethene	96	6.272	6.282	(0.632)	2441	0.04000	0.040	
22 Allyl chloride	41	7.058	7.079	(0.711)	1209	0.04000	0.035(M)	
25 Methylene chloride	49	7.358	7.358	(0.741)	8347	0.04000	0.11	
27 1,2-Dichloroethene (trans)	61	7.796	7.807	(0.785)	2911	0.04000	0.036	
28 Methyl tert-butyl ether	73	7.759	7.769	(0.782)	2751	0.04000	0.038	

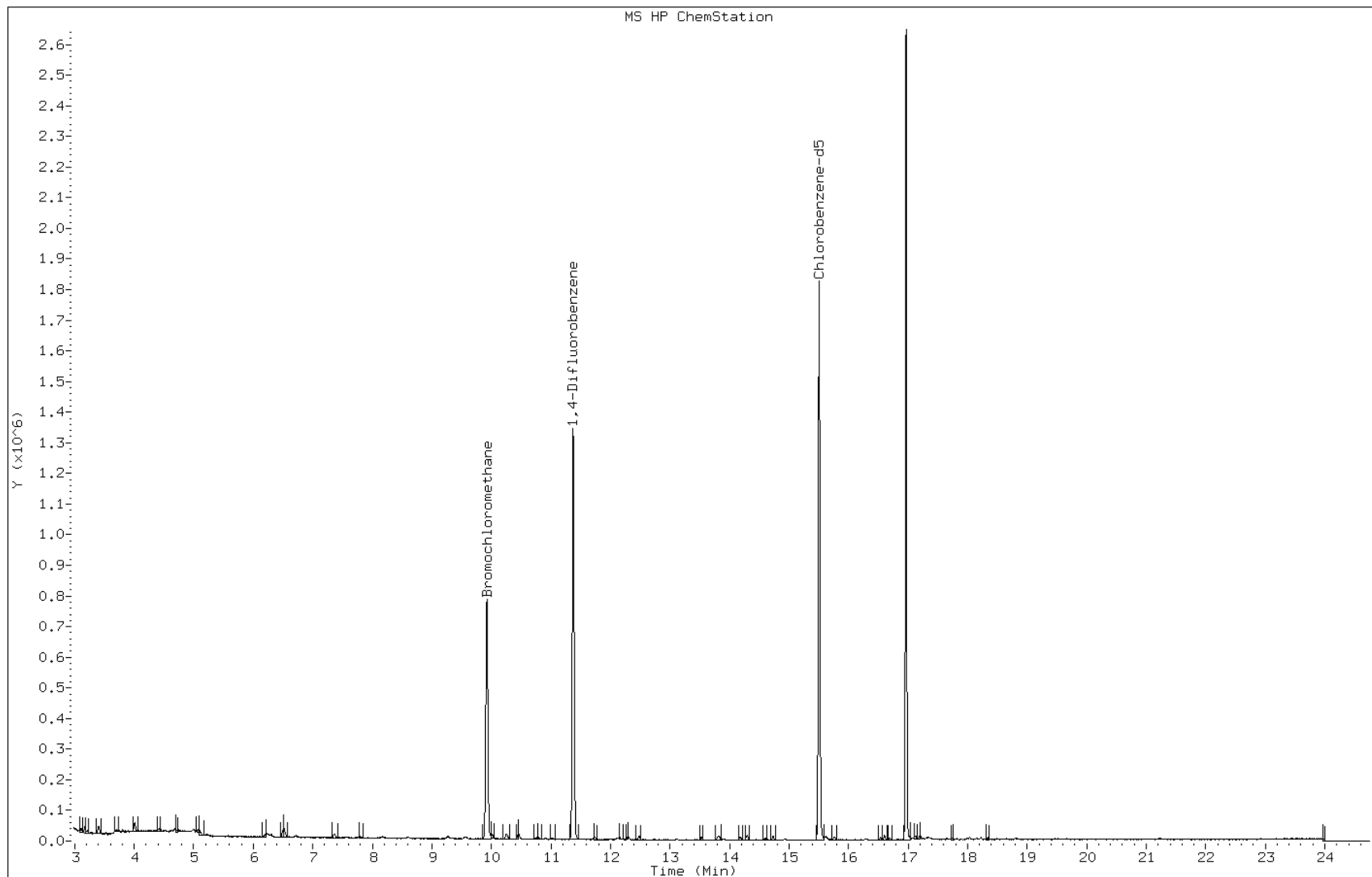
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
30 n-Hexane	57		8.149	8.149	(0.821)	1879	0.04000	0.040(TQ)
31 1,1-Dichloroethane	63		8.593	8.593	(0.866)	4608	0.04000	0.041
M 33 1,2-Dichloroethene, Total	61					5024	0.08000	0.077
34 1,2-Dichloroethene (cis)	96		9.540	9.540	(0.961)	2113	0.04000	0.041
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	289255	2.00000	
39 Chloroform	83		10.016	10.011	(1.009)	8568	0.04000	0.043
40 Cyclohexane	84		10.246	10.262	(0.901)	2038	0.04000	0.033
41 1,1,1-Trichloroethane	97		10.252	10.262	(0.902)	10419	0.04000	0.040
42 Carbon tetrachloride	117		10.466	10.460	(0.920)	15135	0.04000	0.041
43 2,2,4-Trimethylpentane	57		10.749	10.755	(0.945)	4860	0.04000	0.035(TQ)
44 Benzene	78		10.792	10.803	(0.949)	5593	0.04000	0.036
45 1,2-Dichloroethane	62		10.921	10.920	(0.960)	4470	0.04000	0.040
46 n-Heptane	43		11.033	11.033	(0.970)	2131	0.04000	0.046(Q)
* 47 1,4-Difluorobenzene	114		11.370	11.375	(1.000)	1241937	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	3467	0.04000	0.041(Q)
50 1,2-Dichloropropane	63		12.108	12.108	(1.065)	1840	0.04000	0.041(QM)
54 Bromodichloromethane	83		12.477	12.477	(1.097)	8967	0.04000	0.045
55 1,3-Dichloropropene (cis)	75		13.109	13.108	(1.153)	2134	0.04000	0.043
58 Toluene	92		13.526	13.536	(0.872)	2584	0.04000	0.030
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.223)	1622	0.04000	0.033
60 1,1,2-Trichloroethane	83		14.179	14.178	(0.914)	2594	0.04000	0.042
61 Tetrachloroethene	166		14.302	14.296	(0.922)	5960	0.04000	0.037
63 Dibromochloromethane	129		14.735	14.735	(0.950)	8135	0.04000	0.041
64 1,2-Dibromoethane	107		14.938	14.933	(0.963)	3250	0.04000	0.033
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1152130	2.00000	
67 Ethylbenzene	91		15.612	15.618	(1.007)	6146	0.04000	0.036
69 Xylene (m,p)	106		15.767	15.762	(1.017)	3747	0.08000	0.059
M 70 Xylene, Total	106					5177	0.12000	0.094
71 Xylene (o)	106		16.286	16.286	(1.050)	1430	0.04000	0.035
73 Bromoform	173		16.602	16.602	(1.071)	6788	0.04000	0.038
75 1,1,2,2-Tetrachloroethane	83		17.132	17.121	(1.105)	3703	0.04000	0.033
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	3092	0.04000	0.031
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.121)	2486	0.04000	0.033

QC Flag Legend

T - Target compound detected outside RT window.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: efr007.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485960
Lab Sample ID: ic 485960

Date: 21-APR-2013 14:45
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

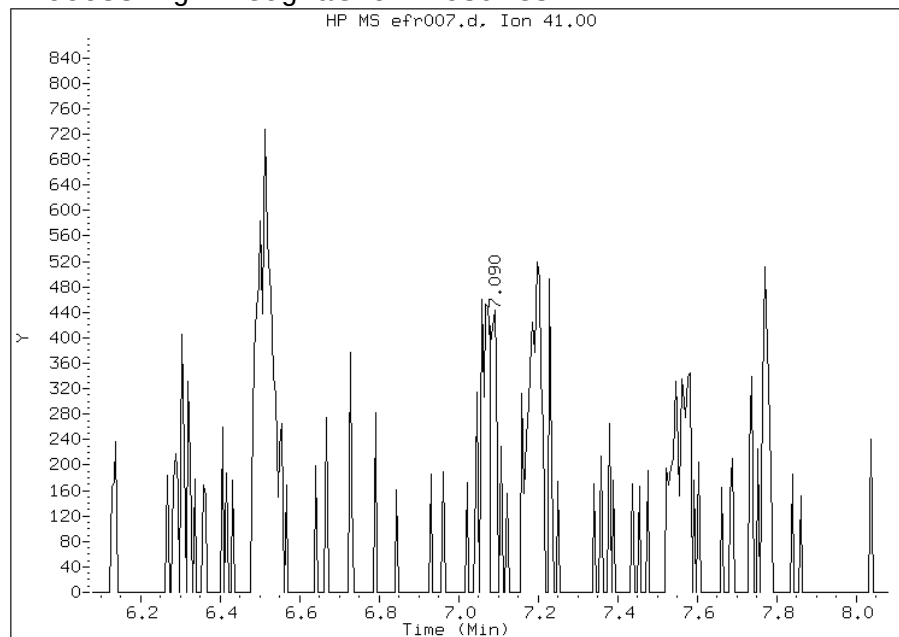


Manual Integration Report

Data File: efr007.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 14:45
Instrument ID: E.i
Client ID:
Compound: 22 Allyl chloride
CAS #: 107-05-1
Report Date: 04/23/2013

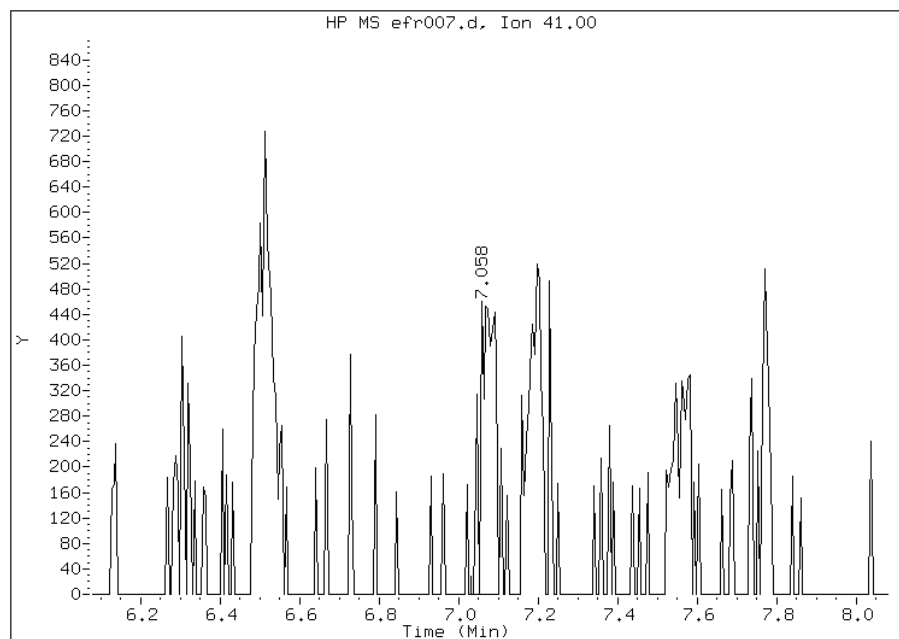
Processing Integration Results

RT: 7.09
Response: 516
Amount: 0.019539
Conc: 0.019539



Manual Integration Results

RT: 7.06
Response: 1209
Amount: 0.035418
Conc: 0.035418



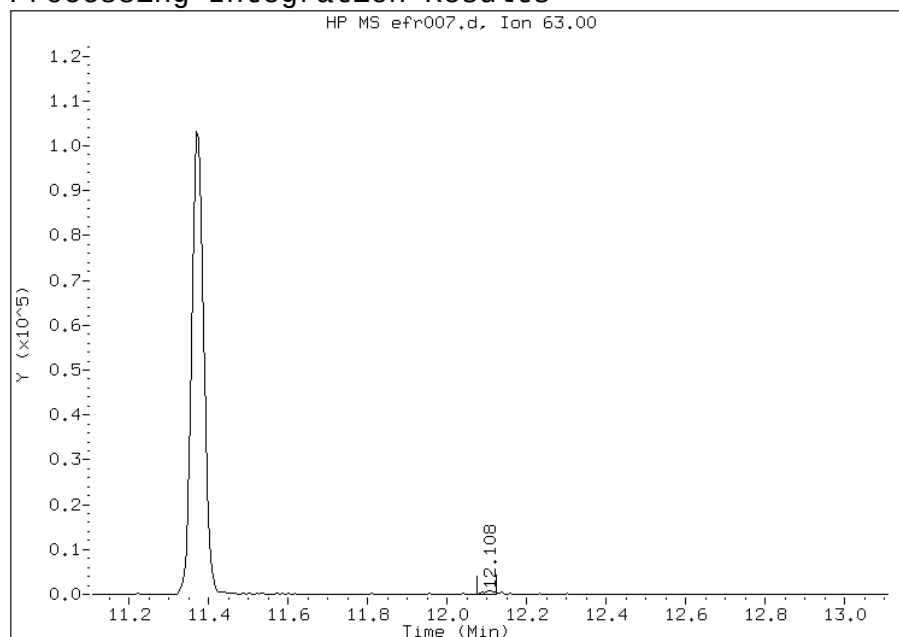
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: efr007.d
Lab Sample ID: ic 485960
Inj. Date and Time: 21-APR-2013 14:45
Instrument ID: E.i
Client ID:
Compound: 50 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 04/23/2013

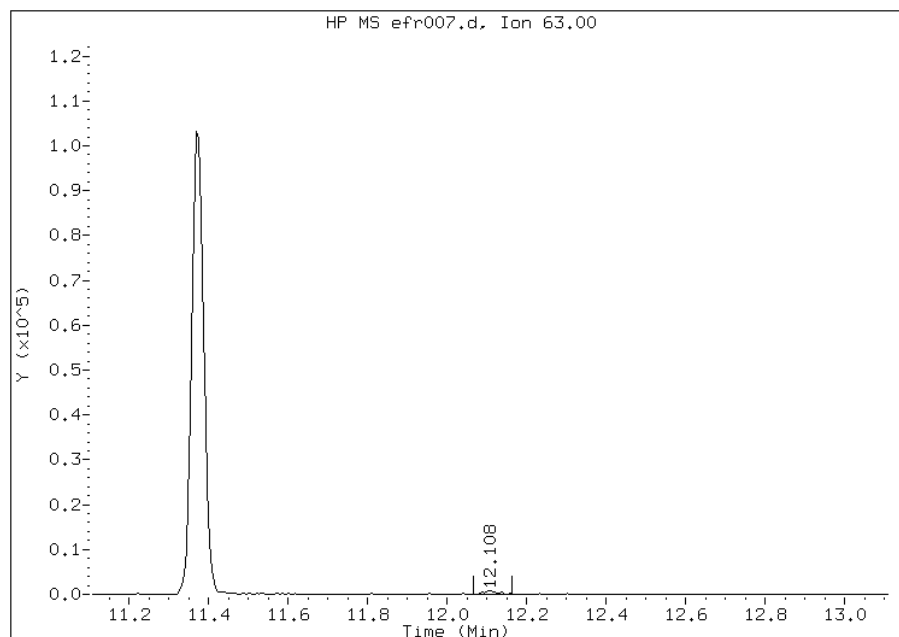
Processing Integration Results

RT: 12.11
Response: 1437
Amount: 0.033274
Conc: 0.033274



Manual Integration Results

RT: 12.11
Response: 1840
Amount: 0.041011
Conc: 0.041011



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr008.d
Lab Smp Id: ic 485959
Inj Date : 21-APR-2013 15:39
Operator : wrd
Smp Info : ic 485959
Misc Info : 100,1, level 4
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 15:39
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr008.d
Calibration Sample, Level: 4
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

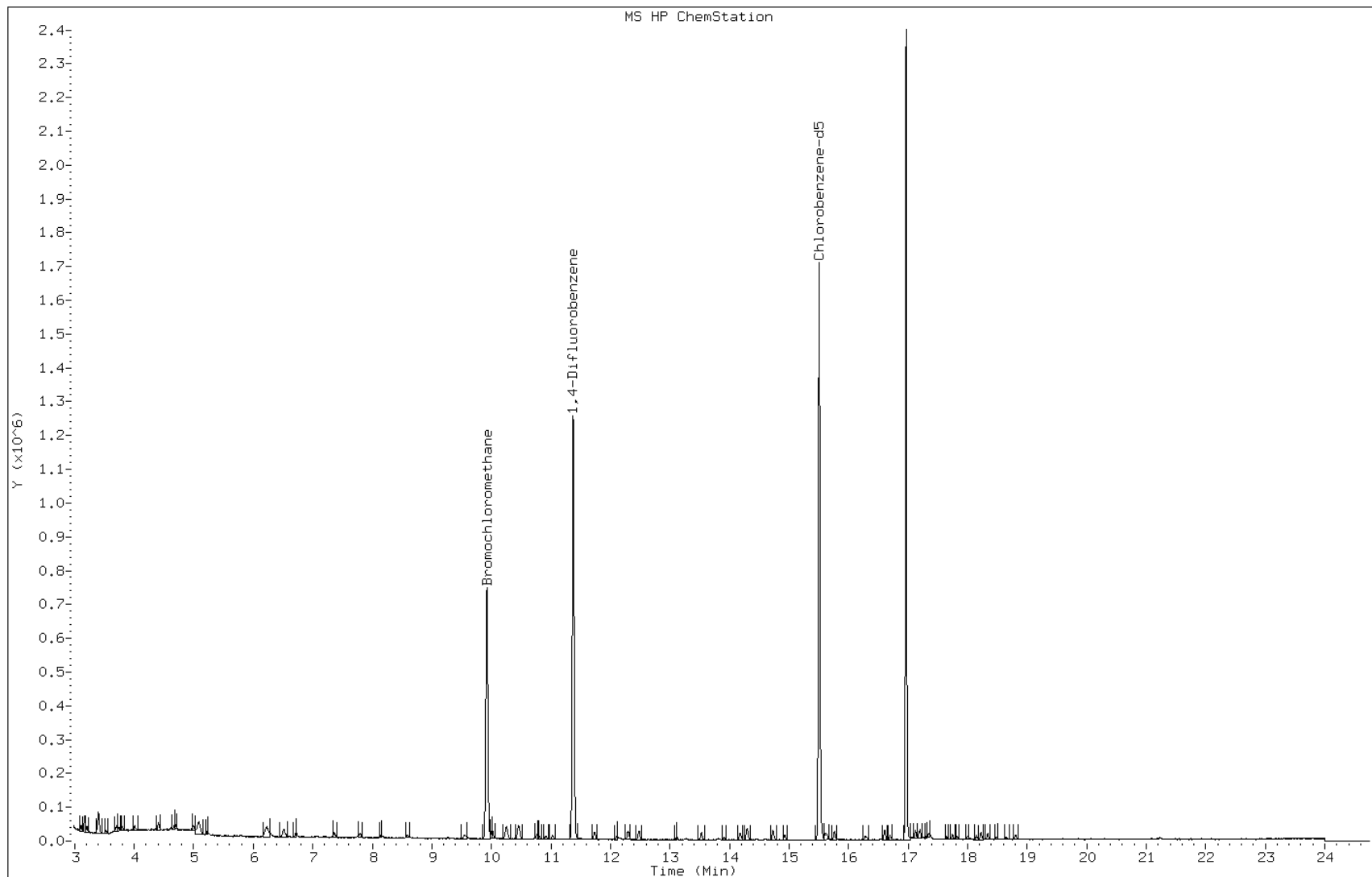
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
2 Dichlorodifluoromethane		85	3.169	3.169	(0.319)	40175	0.10000	0.11
4 1,2-Dichloro-1,1,2,2-tetraflu		85	3.399	3.399	(0.343)	34909	0.10000	0.11
7 Vinyl chloride		62	3.736	3.747	(0.377)	9790	0.10000	0.11
8 1,3-Butadiene		54	3.800	3.805	(0.383)	6061	0.10000	0.11
9 Bromomethane		94	4.405	4.415	(0.444)	13823	0.10000	0.10
10 Chloroethane		64	4.608	4.613	(0.464)	4424	0.10000	0.098
12 Vinyl bromide		106	4.988	4.988	(0.503)	11447	0.10000	0.10
13 Trichlorofluoromethane		101	5.084	5.095	(0.512)	45690	0.10000	0.11
17 1,1,2-Trichloro-1,2,2-Trifluo		101	6.218	6.213	(0.627)	20248	0.10000	0.10
19 1,1-Dichloroethene		96	6.272	6.282	(0.632)	5796	0.10000	0.10
22 Allyl chloride		41	7.090	7.079	(0.715)	3008	0.10000	0.094
25 Methylene chloride		49	7.363	7.358	(0.742)	8589	0.10000	0.12
27 1,2-Dichloroethene (trans)		61	7.786	7.807	(0.785)	6836	0.10000	0.091
28 Methyl tert-butyl ether		73	7.764	7.769	(0.783)	5801	0.10000	0.086

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.149	8.149	(0.821)	3738	0.10000	0.084
31 1,1-Dichloroethane	63	8.593	8.593	(0.866)	10404	0.10000	0.099
M 33 1,2-Dichloroethene, Total	61				11334	0.20000	0.18
34 1,2-Dichloroethene (cis)	96	9.540	9.540	(0.962)	4498	0.10000	0.093
* 36 Bromochloromethane	128	9.920	9.925	(1.000)	271743	2.00000	
39 Chloroform	83	10.022	10.011	(1.010)	18793	0.10000	0.100
40 Cyclohexane	84	10.252	10.262	(0.901)	5218	0.10000	0.090
41 1,1,1-Trichloroethane	97	10.252	10.262	(0.901)	24067	0.10000	0.097
42 Carbon tetrachloride	117	10.455	10.460	(0.919)	36298	0.10000	0.10
43 2,2,4-Trimethylpentane	57	10.755	10.755	(0.945)	11588	0.10000	0.088
44 Benzene	78	10.797	10.803	(0.949)	11193	0.10000	0.077
45 1,2-Dichloroethane	62	10.915	10.920	(0.960)	9985	0.10000	0.094
46 n-Heptane	43	11.022	11.033	(0.969)	3623	0.10000	0.084
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1170346	2.00000	
49 Trichloroethene	95	11.718	11.739	(1.030)	7797	0.10000	0.099
50 1,2-Dichloropropane	63	12.113	12.108	(1.065)	3771	0.10000	0.089
54 Bromodichloromethane	83	12.477	12.477	(1.097)	18315	0.10000	0.098
55 1,3-Dichloropropene (cis)	75	13.119	13.108	(1.153)	4353	0.10000	0.092
58 Toluene	92	13.531	13.536	(0.873)	6065	0.10000	0.076
59 1,3-Dichloropropene (trans)	75	13.911	13.906	(1.223)	4377	0.10000	0.095
60 1,1,2-Trichloroethane	83	14.178	14.178	(0.914)	5158	0.10000	0.091
61 Tetrachloroethene	166	14.296	14.296	(0.922)	13623	0.10000	0.092
63 Dibromochloromethane	129	14.729	14.735	(0.950)	17243	0.10000	0.094
64 1,2-Dibromoethane	107	14.927	14.933	(0.963)	9650	0.10000	0.10
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1067774	2.00000	
67 Ethylbenzene	91	15.612	15.618	(1.007)	12807	0.10000	0.081
69 Xylene (m,p)	106	15.762	15.762	(1.017)	8067	0.20000	0.14
M 70 Xylene, Total	106				11626	0.30000	0.23
71 Xylene (o)	106	16.276	16.286	(1.050)	3559	0.10000	0.093
73 Bromoform	173	16.602	16.602	(1.071)	15048	0.10000	0.091
75 1,1,2,2-Tetrachloroethane	83	17.121	17.121	(1.104)	9437	0.10000	0.092
79 4-Ethyltoluene	105	17.313	17.308	(1.117)	7921	0.10000	0.086
81 1,3,5-Trimethylbenzene	105	17.378	17.378	(1.121)	6459	0.10000	0.092

Data File: efr008.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485959
Lab Sample ID: ic 485959

Date: 21-APR-2013 15:39
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr009.d
Lab Smp Id: icis 485959
Inj Date : 21-APR-2013 16:34
Operator : wrd
Smp Info : icis 485959
Misc Info : 200,1, level 5
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 16:34
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr009.d
Calibration Sample, Level: 5
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

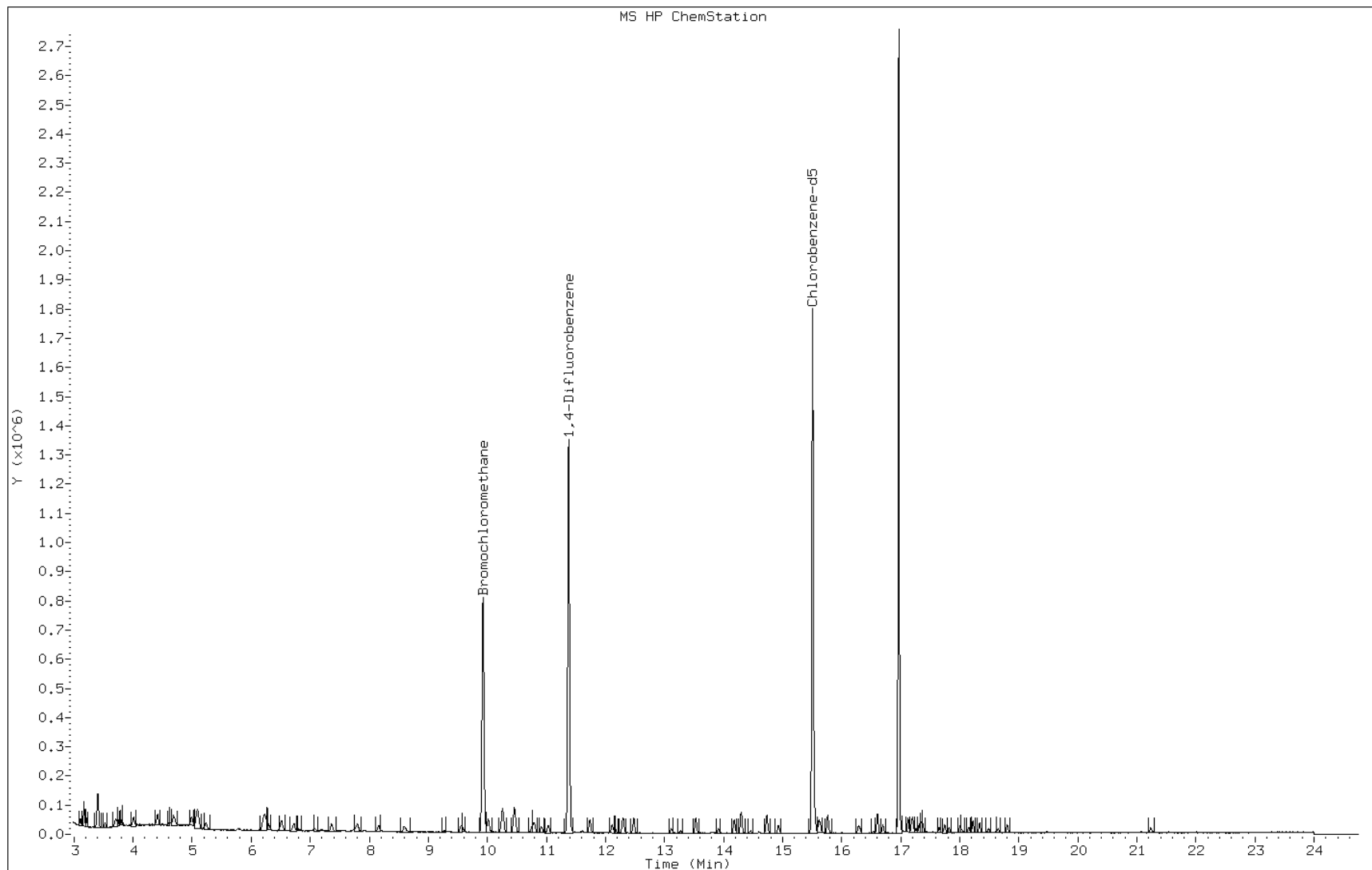
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		3.169	3.169	(0.319)	71749	0.20000	0.18
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.399	3.399	(0.342)	67216	0.20000	0.20
7 Vinyl chloride	62		3.747	3.747	(0.377)	18487	0.20000	0.19
8 1,3-Butadiene	54		3.805	3.805	(0.383)	11044	0.20000	0.18
9 Bromomethane	94		4.415	4.415	(0.445)	26440	0.20000	0.19
10 Chloroethane	64		4.613	4.613	(0.465)	9522	0.20000	0.20
12 Vinyl bromide	106		4.988	4.988	(0.502)	24955	0.20000	0.21
13 Trichlorofluoromethane	101		5.095	5.095	(0.513)	90622	0.20000	0.20
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.213	6.213	(0.626)	44074	0.20000	0.20
19 1,1-Dichloroethene	96		6.282	6.282	(0.633)	12523	0.20000	0.20
22 Allyl chloride	41		7.079	7.079	(0.713)	6012	0.20000	0.17
25 Methylene chloride	49		7.358	7.358	(0.741)	16930	0.20000	0.22
27 1,2-Dichloroethene (trans)	61		7.807	7.807	(0.787)	16550	0.20000	0.20
28 Methyl tert-butyl ether	73		7.769	7.769	(0.783)	13438	0.20000	0.18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.149	8.149	(0.821)	8476	0.20000	0.18
31 1,1-Dichloroethane	63	8.593	8.593	(0.866)	22763	0.20000	0.20
M 33 1,2-Dichloroethene, Total	61				26502	0.40000	0.40
34 1,2-Dichloroethene (cis)	96	9.540	9.540	(0.961)	9952	0.20000	0.19
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	292486	2.00000	
39 Chloroform	83	10.011	10.011	(1.009)	39756	0.20000	0.20
40 Cyclohexane	84	10.262	10.262	(0.902)	11305	0.20000	0.18
41 1,1,1-Trichloroethane	97	10.262	10.262	(0.902)	53358	0.20000	0.20
42 Carbon tetrachloride	117	10.460	10.460	(0.920)	74171	0.20000	0.20
43 2,2,4-Trimethylpentane	57	10.755	10.755	(0.945)	23930	0.20000	0.17
44 Benzene	78	10.803	10.803	(0.950)	30688	0.20000	0.20
45 1,2-Dichloroethane	62	10.920	10.920	(0.960)	22296	0.20000	0.20
46 n-Heptane	43	11.033	11.033	(0.970)	7427	0.20000	0.16
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1248186	2.00000	
49 Trichloroethene	95	11.739	11.739	(1.032)	16670	0.20000	0.20
50 1,2-Dichloropropane	63	12.108	12.108	(1.064)	9259	0.20000	0.20
54 Bromodichloromethane	83	12.477	12.477	(1.097)	38792	0.20000	0.19
55 1,3-Dichloropropene (cis)	75	13.108	13.108	(1.152)	8819	0.20000	0.18
58 Toluene	92	13.536	13.536	(0.873)	15365	0.20000	0.18
59 1,3-Dichloropropene (trans)	75	13.906	13.906	(1.222)	9199	0.20000	0.19
60 1,1,2-Trichloroethane	83	14.178	14.178	(0.914)	11357	0.20000	0.19
61 Tetrachloroethene	166	14.296	14.296	(0.922)	28851	0.20000	0.18
63 Dibromochloromethane	129	14.735	14.735	(0.950)	38220	0.20000	0.20
64 1,2-Dibromoethane	107	14.933	14.933	(0.963)	19767	0.20000	0.21
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1122470	2.00000	
67 Ethylbenzene	91	15.618	15.618	(1.007)	30646	0.20000	0.18
69 Xylene (m,p)	106	15.762	15.762	(1.017)	22593	0.40000	0.37
M 70 Xylene, Total	106				30719	0.60000	0.57
71 Xylene (o)	106	16.286	16.286	(1.050)	8126	0.20000	0.20
73 Bromoform	173	16.602	16.602	(1.071)	34319	0.20000	0.20
75 1,1,2,2-Tetrachloroethane	83	17.121	17.121	(1.104)	18682	0.20000	0.17
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	18836	0.20000	0.19
81 1,3,5-Trimethylbenzene	105	17.378	17.378	(1.121)	14720	0.20000	0.20

Data File: efr009.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 485959
Lab Sample ID: icis 485959

Date: 21-APR-2013 16:34
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr010.d
Lab Smp Id: ic 485959
Inj Date : 21-APR-2013 17:28
Operator : wrd
Smp Info : ic 485959
Misc Info : 500,1,level 6
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 17:28
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr010.d
Calibration Sample, Level: 6
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		3.169	3.169	(0.319)	178067	0.50000	0.43
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.399	3.399	(0.342)	162336	0.50000	0.46
7 Vinyl chloride	62		3.741	3.747	(0.377)	45149	0.50000	0.46
8 1,3-Butadiene	54		3.805	3.805	(0.383)	26640	0.50000	0.43
9 Bromomethane	94		4.410	4.415	(0.444)	62903	0.50000	0.43
10 Chloroethane	64		4.613	4.613	(0.465)	23642	0.50000	0.47
12 Vinyl bromide	106		4.988	4.988	(0.502)	58549	0.50000	0.47
13 Trichlorofluoromethane	101		5.089	5.095	(0.513)	215755	0.50000	0.46
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.223	6.213	(0.627)	106797	0.50000	0.48
19 1,1-Dichloroethene	96		6.288	6.282	(0.633)	34305	0.50000	0.54
22 Allyl chloride	41		7.074	7.079	(0.713)	20350	0.50000	0.57
25 Methylene chloride	49		7.368	7.358	(0.742)	40804	0.50000	0.52
27 1,2-Dichloroethene (trans)	61		7.796	7.807	(0.785)	47122	0.50000	0.56
28 Methyl tert-butyl ether	73		7.743	7.769	(0.780)	44772	0.50000	0.59

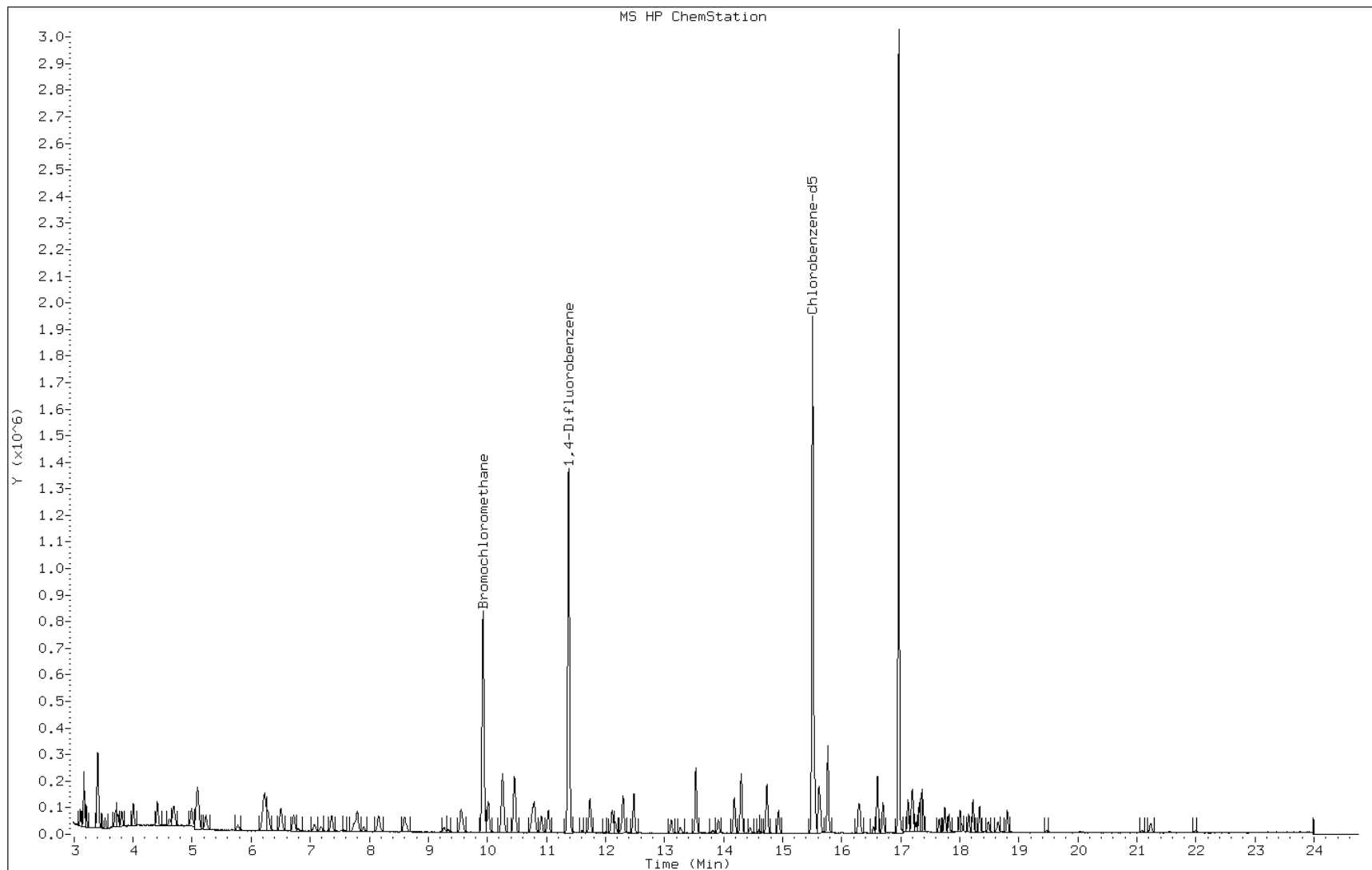
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
30 n-Hexane	57		8.155	8.149	(0.822)	27947	0.50000	0.56
31 1,1-Dichloroethane	63		8.593	8.593	(0.866)	65085	0.50000	0.56
M 33 1,2-Dichloroethene, Total	61					77521	1.00000	1.1
34 1,2-Dichloroethene (cis)	96		9.546	9.540	(0.962)	30399	0.50000	0.56
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	303043	2.00000	
39 Chloroform	83		10.016	10.011	(1.009)	109975	0.50000	0.52
40 Cyclohexane	84		10.262	10.262	(0.902)	34809	0.50000	0.54
41 1,1,1-Trichloroethane	97		10.257	10.262	(0.902)	141794	0.50000	0.51
42 Carbon tetrachloride	117		10.460	10.460	(0.920)	183671	0.50000	0.47
43 2,2,4-Trimethylpentane	57		10.760	10.755	(0.946)	83585	0.50000	0.57
44 Benzene	78		10.797	10.803	(0.949)	103289	0.50000	0.63
45 1,2-Dichloroethane	62		10.915	10.920	(0.960)	66247	0.50000	0.56
46 n-Heptane	43		11.033	11.033	(0.970)	28944	0.50000	0.59
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1313768	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	46674	0.50000	0.53
50 1,2-Dichloropropane	63		12.108	12.108	(1.064)	29144	0.50000	0.61
54 Bromodichloromethane	83		12.477	12.477	(1.097)	113003	0.50000	0.54
55 1,3-Dichloropropene (cis)	75		13.114	13.108	(1.153)	30290	0.50000	0.57
58 Toluene	92		13.536	13.536	(0.873)	67336	0.50000	0.73
59 1,3-Dichloropropene (trans)	75		13.916	13.906	(1.223)	31493	0.50000	0.61
60 1,1,2-Trichloroethane	83		14.178	14.178	(0.914)	38192	0.50000	0.59
61 Tetrachloroethene	166		14.301	14.296	(0.922)	88288	0.50000	0.52
63 Dibromochloromethane	129		14.735	14.735	(0.950)	117723	0.50000	0.56
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	60480	0.50000	0.58
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1229195	2.00000	
67 Ethylbenzene	91		15.617	15.618	(1.007)	126365	0.50000	0.70
69 Xylene (m,p)	106		15.767	15.762	(1.017)	105904	1.00000	1.6(Q)
M 70 Xylene, Total	106					139446	1.50000	2.3
71 Xylene (o)	106		16.281	16.286	(1.050)	33542	0.50000	0.76
73 Bromoform	173		16.607	16.602	(1.071)	112798	0.50000	0.59
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.105)	51850	0.50000	0.44
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	68991	0.50000	0.65
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.121)	59602	0.50000	0.74

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: efr010.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485959
Lab Sample ID: ic 485959

Date: 21-APR-2013 17:28
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr011.d
Lab Smp Id: ic 485958
Inj Date : 21-APR-2013 18:22
Operator : wrd
Smp Info : ic 485958
Misc Info : 75,1, level 7
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 18:22
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr011.d
Calibration Sample, Level: 7
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	75.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	315673	0.75000	0.63	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	293572	0.75000	0.70	
7 Vinyl chloride	62	3.741	3.747	(0.377)	82130	0.75000	0.70	
8 1,3-Butadiene	54	3.811	3.805	(0.384)	50540	0.75000	0.68	
9 Bromomethane	94	4.415	4.415	(0.445)	106554	0.75000	0.61	
10 Chloroethane	64	4.624	4.613	(0.466)	37151	0.75000	0.62	
12 Vinyl bromide	106	4.993	4.988	(0.503)	102577	0.75000	0.68	
13 Trichlorofluoromethane	101	5.089	5.095	(0.513)	378165	0.75000	0.68	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.229	6.213	(0.628)	173177	0.75000	0.64	
19 1,1-Dichloroethene	96	6.293	6.282	(0.634)	58297	0.75000	0.76	
22 Allyl chloride	41	7.085	7.079	(0.714)	30719	0.75000	0.72	
25 Methylene chloride	49	7.357	7.358	(0.741)	59320	0.75000	0.64	
27 1,2-Dichloroethene (trans)	61	7.796	7.807	(0.785)	78096	0.75000	0.78	
28 Methyl tert-butyl ether	73	7.753	7.769	(0.781)	74253	0.75000	0.82	

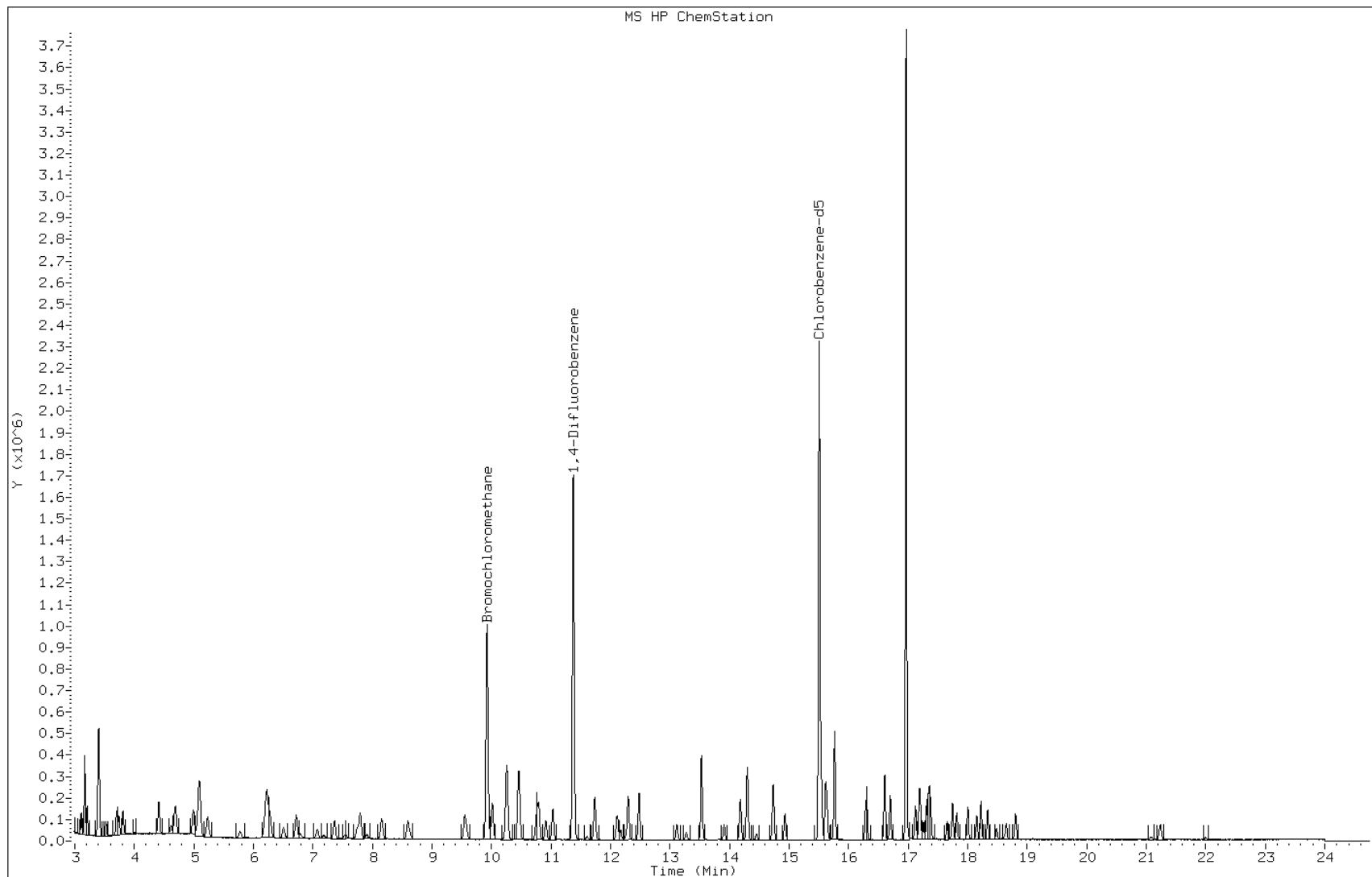
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	=====
30 n-Hexane	57		8.155	8.149	(0.822)	47958	0.75000	0.81
31 1,1-Dichloroethane	63		8.599	8.593	(0.866)	96125	0.75000	0.69
M 33 1,2-Dichloroethene, Total	61					123230	1.50000	1.5
34 1,2-Dichloroethene (cis)	96		9.546	9.540	(0.962)	45134	0.75000	0.70
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	362715	2.00000	
39 Chloroform	83		10.011	10.011	(1.009)	161987	0.75000	0.64
40 Cyclohexane	84		10.257	10.262	(0.902)	63339	0.75000	0.79
41 1,1,1-Trichloroethane	97		10.257	10.262	(0.902)	216051	0.75000	0.63
42 Carbon tetrachloride	117		10.466	10.460	(0.920)	291488	0.75000	0.60
43 2,2,4-Trimethylpentane	57		10.760	10.755	(0.946)	146039	0.75000	0.80
44 Benzene	78		10.803	10.803	(0.950)	153298	0.75000	0.76
45 1,2-Dichloroethane	62		10.915	10.920	(0.960)	97719	0.75000	0.67
46 n-Heptane	43		11.033	11.033	(0.970)	48786	0.75000	0.81
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1620939	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	76252	0.75000	0.70
50 1,2-Dichloropropane	63		12.113	12.108	(1.065)	43485	0.75000	0.74
54 Bromodichloromethane	83		12.482	12.477	(1.097)	167595	0.75000	0.65
55 1,3-Dichloropropene (cis)	75		13.114	13.108	(1.153)	46167	0.75000	0.71
58 Toluene	92		13.536	13.536	(0.873)	105514	0.75000	0.95
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.223)	47816	0.75000	0.75
60 1,1,2-Trichloroethane	83		14.178	14.178	(0.914)	54427	0.75000	0.69
61 Tetrachloroethene	166		14.301	14.296	(0.922)	135874	0.75000	0.66
63 Dibromochloromethane	129		14.735	14.735	(0.950)	168689	0.75000	0.66
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	87402	0.75000	0.68
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1491439	2.00000	
67 Ethylbenzene	91		15.617	15.618	(1.007)	196507	0.75000	0.89
69 Xylene (m,p)	106		15.767	15.762	(1.017)	162033	1.50000	2.0(Q)
M 70 Xylene, Total	106					215211	2.25000	3.0
71 Xylene (o)	106		16.286	16.286	(1.050)	53178	0.75000	1.00
73 Bromoform	173		16.607	16.602	(1.071)	160790	0.75000	0.70
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	65813	0.75000	0.46
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	115127	0.75000	0.90
81 1,3,5-Trimethylbenzene	105		17.377	17.378	(1.121)	106157	0.75000	1.1(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: efr011.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485958
Lab Sample ID: ic 485958

Date: 21-APR-2013 18:22
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr012.d
Lab Smp Id: ic 485958
Inj Date : 21-APR-2013 19:18
Operator : wrd
Smp Info : ic 485958
Misc Info : 100,1, level 8
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 19:18
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i

Quant Type: ISTD

Cal File: efr012.d

Calibration Sample, Level: 8

Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.196	3.169	(0.322)	401887	1.00000	0.95	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.426	3.399	(0.345)	357029	1.00000	1.0(A)	
7 Vinyl chloride	62	3.768	3.747	(0.379)	100642	1.00000	1.0(A)	
8 1,3-Butadiene	54	3.838	3.805	(0.386)	56781	1.00000	0.90	
9 Bromomethane	94	4.437	4.415	(0.447)	129648	1.00000	0.88	
10 Chloroethane	64	4.645	4.613	(0.468)	42570	1.00000	0.84	
12 Vinyl bromide	106	5.020	4.988	(0.505)	120380	1.00000	0.95	
13 Trichlorofluoromethane	101	5.116	5.095	(0.515)	447995	1.00000	0.95	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.245	6.213	(0.628)	214297	1.00000	0.94	
19 1,1-Dichloroethene	96	6.314	6.282	(0.635)	75926	1.00000	1.2(A)	
22 Allyl chloride	41	7.101	7.079	(0.715)	39428	1.00000	1.1(A)	
25 Methylene chloride	49	7.384	7.358	(0.743)	70857	1.00000	0.90	
27 1,2-Dichloroethene (trans)	61	7.812	7.807	(0.786)	102125	1.00000	1.2(A)	
28 Methyl tert-butyl ether	73	7.770	7.769	(0.782)	105191	1.00000	1.4(A)	

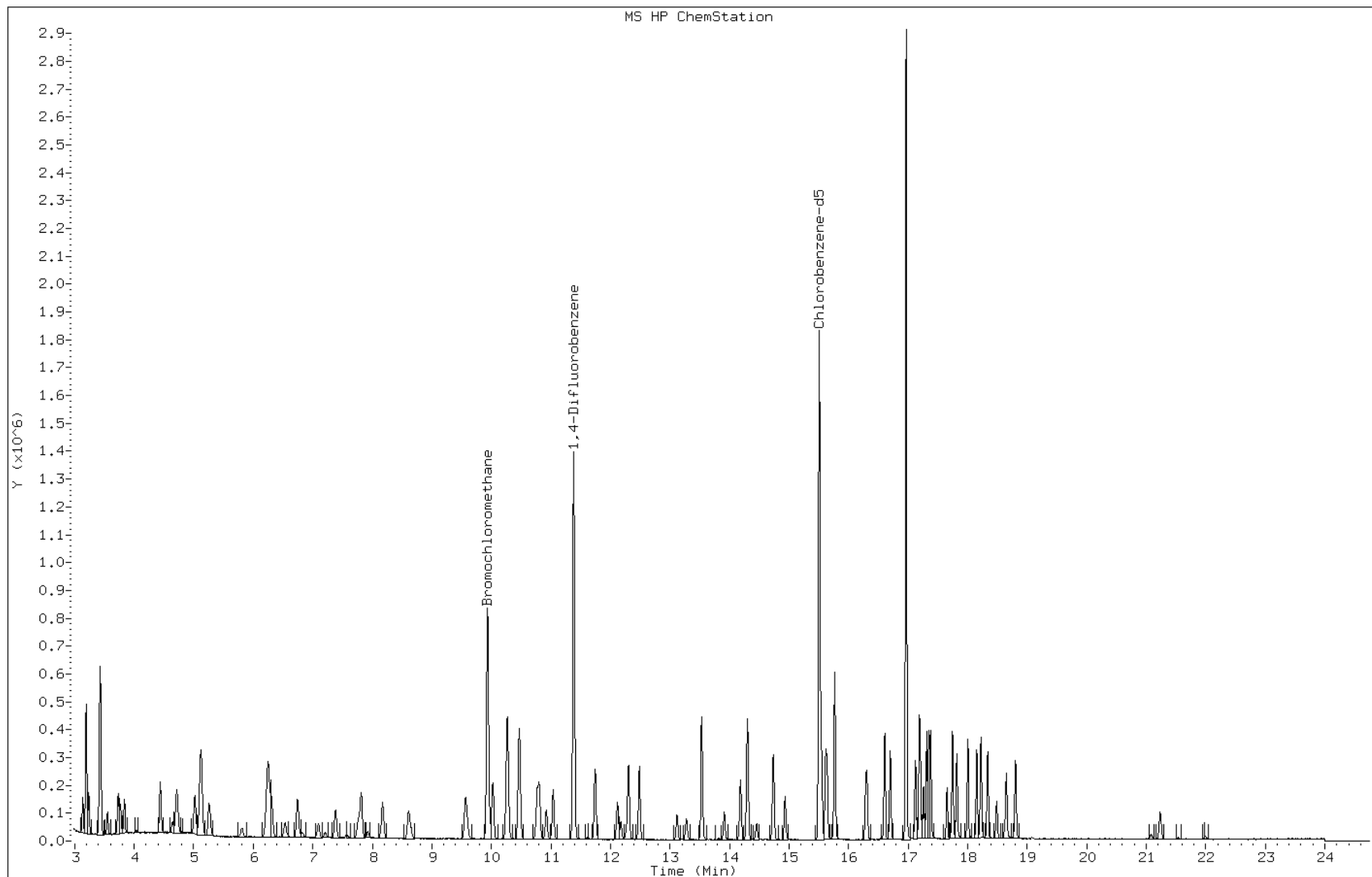
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	=====
30 n-Hexane	57		8.171	8.149	(0.822)	68984	1.00000	1.4(A)
31 1,1-Dichloroethane	63		8.604	8.593	(0.866)	118038	1.00000	1.00
M 33 1,2-Dichloroethene, Total	61					159325	2.00000	2.2
34 1,2-Dichloroethene (cis)	96		9.562	9.540	(0.962)	57200	1.00000	1.0(A)
* 36 Bromochloromethane	128		9.936	9.925	(1.000)	305840	2.00000	
39 Chloroform	83		10.022	10.011	(1.009)	197404	1.00000	0.93
40 Cyclohexane	84		10.268	10.262	(0.902)	87653	1.00000	1.3(A)
41 1,1,1-Trichloroethane	97		10.268	10.262	(0.902)	260145	1.00000	0.92
42 Carbon tetrachloride	117		10.471	10.460	(0.920)	355826	1.00000	0.89
43 2,2,4-Trimethylpentane	57		10.771	10.755	(0.946)	192409	1.00000	1.3(A)
44 Benzene	78		10.803	10.803	(0.949)	181852	1.00000	1.1(A)
45 1,2-Dichloroethane	62		10.926	10.920	(0.960)	116158	1.00000	0.96
46 n-Heptane	43		11.038	11.033	(0.970)	63630	1.00000	1.3(A)
* 47 1,4-Difluorobenzene	114		11.381	11.375	(1.000)	1341752	2.00000	
49 Trichloroethene	95		11.739	11.739	(1.031)	96252	1.00000	1.1(A)
50 1,2-Dichloropropane	63		12.119	12.108	(1.065)	46757	1.00000	0.96
54 Bromodichloromethane	83		12.488	12.477	(1.097)	199685	1.00000	0.93
55 1,3-Dichloropropene (cis)	75		13.119	13.108	(1.153)	59139	1.00000	1.1(A)
58 Toluene	92		13.537	13.536	(0.873)	116254	1.00000	1.3(A)
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.222)	65331	1.00000	1.2(A)
60 1,1,2-Trichloroethane	83		14.184	14.178	(0.915)	59125	1.00000	0.94
61 Tetrachloroethene	166		14.302	14.296	(0.922)	168263	1.00000	1.0(A)
63 Dibromochloromethane	129		14.735	14.735	(0.950)	202513	1.00000	0.99
64 1,2-Dibromoethane	107		14.938	14.933	(0.963)	109866	1.00000	1.1(A)
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1185370	2.00000	
67 Ethylbenzene	91		15.618	15.618	(1.007)	222980	1.00000	1.3(A)
69 Xylene (m,p)	106		15.767	15.762	(1.017)	195792	2.00000	3.0(A)
M 70 Xylene, Total	106					261096	3.00000	4.5
71 Xylene (o)	106		16.286	16.286	(1.050)	65304	1.00000	1.5(AQ)
73 Bromoform	173		16.607	16.602	(1.071)	199803	1.00000	1.1(A)
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	120363	1.00000	1.0(A)
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	240006	1.00000	2.3(A)
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.121)	218231	1.00000	2.8(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: efr012.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485958
Lab Sample ID: ic 485958

Date: 21-APR-2013 19:18
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr013.d
Lab Smp Id: ic 485958
Inj Date : 21-APR-2013 20:13
Operator : wrd
Smp Info : ic 485958
Misc Info : 150,1, level 9
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 20:13
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr013.d
Calibration Sample, Level: 9
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	150.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	593165	1.50000	1.1(A)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.399	3.399	(0.342)	550698	1.50000	1.2(A)
7 Vinyl chloride	62	3.746	3.747	(0.377)	158026	1.50000	1.3(A)
8 1,3-Butadiene	54	3.811	3.805	(0.384)	100978	1.50000	1.3(A)
9 Bromomethane	94	4.415	4.415	(0.445)	207078	1.50000	1.1(A)
10 Chloroethane	64	4.618	4.613	(0.465)	80880	1.50000	1.3(A)
12 Vinyl bromide	106	4.993	4.988	(0.503)	205744	1.50000	1.3(A)
13 Trichlorofluoromethane	101	5.095	5.095	(0.513)	705941	1.50000	1.2(A)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.223	6.213	(0.627)	375950	1.50000	1.3(A)
19 1,1-Dichloroethene	96	6.288	6.282	(0.633)	138126	1.50000	1.7(A)
22 Allyl chloride	41	7.079	7.079	(0.713)	94209	1.50000	2.1(A)
25 Methylene chloride	49	7.368	7.358	(0.742)	132487	1.50000	1.3
27 1,2-Dichloroethene (trans)	61	7.802	7.807	(0.786)	197615	1.50000	1.9(A)
28 Methyl tert-butyl ether	73	7.748	7.769	(0.781)	234842	1.50000	2.5(A)

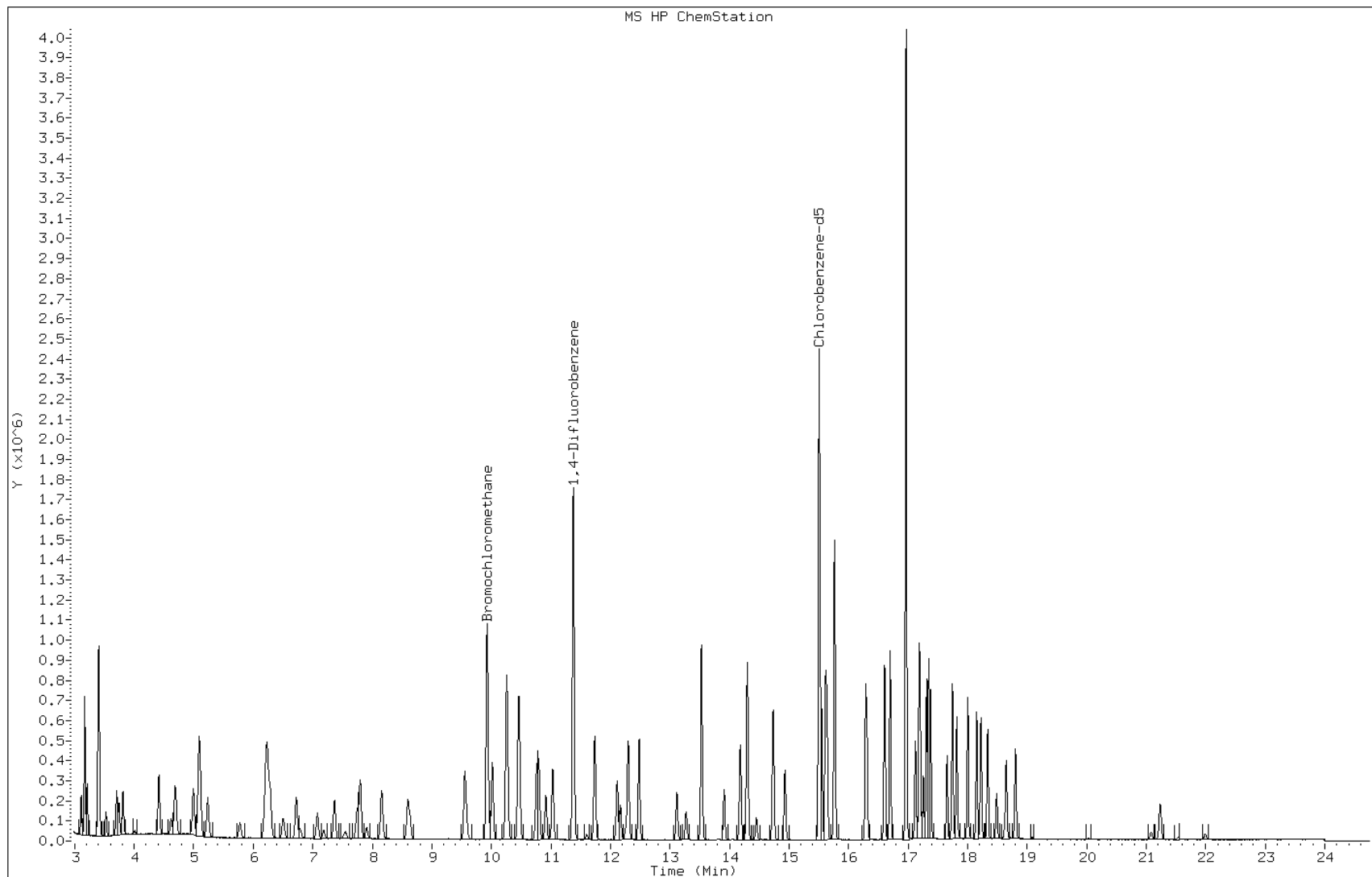
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.155	8.149	(0.822)	142157	1.50000	2.3(A)
31 1,1-Dichloroethane	63	8.599	8.593	(0.866)	232358	1.50000	1.6(A)
M 33 1,2-Dichloroethene, Total	61				324529	3.00000	3.7
34 1,2-Dichloroethene (cis)	96	9.551	9.540	(0.962)	126914	1.50000	1.8(A)
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	384273	2.00000	
39 Chloroform	83	10.016	10.011	(1.009)	366888	1.50000	1.4(A)
40 Cyclohexane	84	10.257	10.262	(0.902)	170631	1.50000	2.0(A)
41 1,1,1-Trichloroethane	97	10.257	10.262	(0.902)	500289	1.50000	1.4(A)
42 Carbon tetrachloride	117	10.460	10.460	(0.920)	647404	1.50000	1.3(A)
43 2,2,4-Trimethylpentane	57	10.760	10.755	(0.946)	422229	1.50000	2.2(A)
44 Benzene	78	10.803	10.803	(0.950)	373303	1.50000	1.8(A)
45 1,2-Dichloroethane	62	10.915	10.920	(0.960)	235926	1.50000	1.5(A)
46 n-Heptane	43	11.033	11.033	(0.970)	141846	1.50000	2.2(A)
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1698764	2.00000	
49 Trichloroethene	95	11.739	11.739	(1.032)	193838	1.50000	1.7(A)
50 1,2-Dichloropropane	63	12.113	12.108	(1.065)	108799	1.50000	1.8(A)
54 Bromodichloromethane	83	12.477	12.477	(1.097)	390962	1.50000	1.4(A)
55 1,3-Dichloropropene (cis)	75	13.114	13.108	(1.153)	147758	1.50000	2.2(A)
58 Toluene	92	13.531	13.536	(0.873)	278375	1.50000	2.4(A)
59 1,3-Dichloropropene (trans)	75	13.911	13.906	(1.223)	162279	1.50000	2.4(A)
60 1,1,2-Trichloroethane	83	14.178	14.178	(0.914)	132790	1.50000	1.6(A)
61 Tetrachloroethene	166	14.301	14.296	(0.922)	344469	1.50000	1.6(A)
63 Dibromochloromethane	129	14.735	14.735	(0.950)	429255	1.50000	1.6(A)
64 1,2-Dibromoethane	107	14.933	14.933	(0.963)	252942	1.50000	1.9(A)
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1586030	2.00000	
67 Ethylbenzene	91	15.612	15.618	(1.007)	595486	1.50000	2.5(A)
69 Xylene (m,p)	106	15.767	15.762	(1.017)	502097	3.00000	5.8(AQ)
M 70 Xylene, Total	106				712061	4.50000	9.5
71 Xylene (o)	106	16.286	16.286	(1.050)	209964	1.50000	3.7(A)
73 Bromoform	173	16.602	16.602	(1.071)	462025	1.50000	1.9(A)
75 1,1,2,2-Tetrachloroethane	83	17.121	17.121	(1.104)	210122	1.50000	1.4(A)
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	531428	1.50000	3.9(A)
81 1,3,5-Trimethylbenzene	105	17.378	17.378	(1.121)	421840	1.50000	4.1(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: efr013.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485958
Lab Sample ID: ic 485958

Date: 21-APR-2013 20:13
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr014.d
Lab Smp Id: ic 485958
Inj Date : 21-APR-2013 21:08
Operator : wrd
Smp Info : ic 485958
Misc Info : 200,1, level 10
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
Calibration Sample, Level: 10
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	780565	2.00000	1.8(A)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	732339	2.00000	2.0(A)
7 Vinyl chloride	62	3.741	3.747	(0.377)	214462	2.00000	2.0(A)
8 1,3-Butadiene	54	3.805	3.805	(0.383)	135865	2.00000	2.0(A)
9 Bromomethane	94	4.410	4.415	(0.444)	274102	2.00000	1.8(A)
10 Chloroethane	64	4.618	4.613	(0.465)	94055	2.00000	1.8(A)
12 Vinyl bromide	106	4.993	4.988	(0.503)	275202	2.00000	2.1(A)
13 Trichlorofluoromethane	101	5.095	5.095	(0.513)	925311	2.00000	1.9(A)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.229	6.213	(0.628)	465091	2.00000	1.9(A)
19 1,1-Dichloroethene	96	6.282	6.282	(0.633)	183008	2.00000	2.7(A)
22 Allyl chloride	41	7.079	7.079	(0.713)	107567	2.00000	2.8(A)
25 Methylene chloride	49	7.363	7.358	(0.742)	159485	2.00000	1.9
27 1,2-Dichloroethene (trans)	61	7.802	7.807	(0.786)	242958	2.00000	2.7(A)
28 Methyl tert-butyl ether	73	7.748	7.769	(0.781)	282969	2.00000	3.5(A)

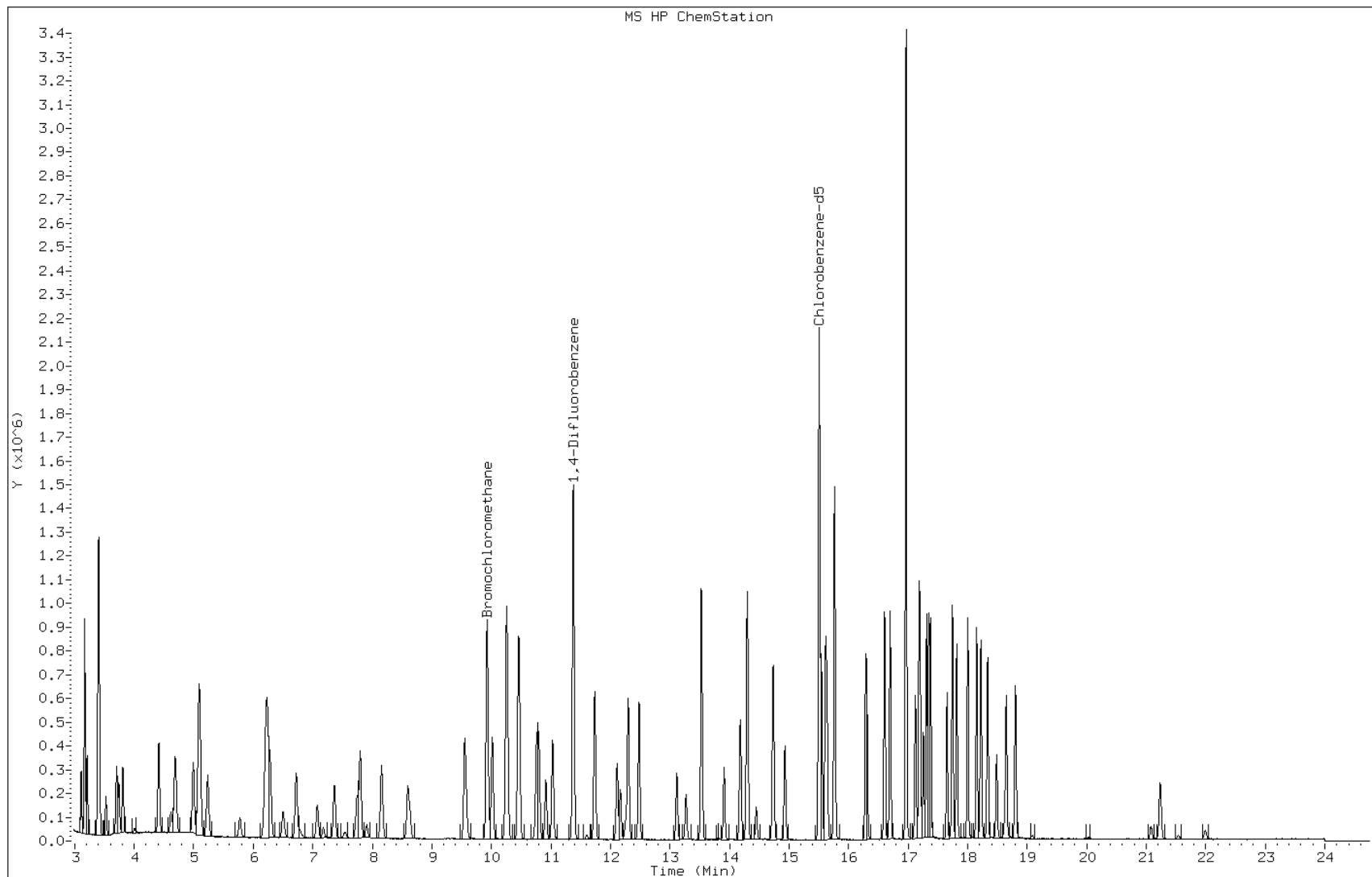
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	=====
30 n-Hexane	57		8.155	8.149	(0.822)	184868	2.00000	3.5(A)
31 1,1-Dichloroethane	63		8.593	8.593	(0.866)	260639	2.00000	2.1(A)
M 33 1,2-Dichloroethene, Total	61					396805	4.00000	5.4
34 1,2-Dichloroethene (cis)	96		9.546	9.540	(0.962)	153847	2.00000	2.7(A)
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	322043	2.00000	
39 Chloroform	83		10.016	10.011	(1.009)	417356	2.00000	1.9(A)
40 Cyclohexane	84		10.257	10.262	(0.902)	229310	2.00000	3.2(A)
41 1,1,1-Trichloroethane	97		10.257	10.262	(0.902)	579176	2.00000	1.9(A)
42 Carbon tetrachloride	117		10.466	10.460	(0.920)	781883	2.00000	1.8(A)
43 2,2,4-Trimethylpentane	57		10.760	10.755	(0.946)	508927	2.00000	3.1(A)
44 Benzene	78		10.803	10.803	(0.950)	418394	2.00000	2.3(A)
45 1,2-Dichloroethane	62		10.915	10.920	(0.960)	266094	2.00000	2.0(A)
46 n-Heptane	43		11.027	11.033	(0.969)	169084	2.00000	3.1(A)
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1471593	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	230717	2.00000	2.3(A)
50 1,2-Dichloropropane	63		12.113	12.108	(1.065)	116424	2.00000	2.2(A)
54 Bromodichloromethane	83		12.477	12.477	(1.097)	445295	2.00000	1.9(A)
55 1,3-Dichloropropene (cis)	75		13.114	13.108	(1.153)	176927	2.00000	3.0(A)
58 Toluene	92		13.531	13.536	(0.873)	307654	2.00000	2.9(A)
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.223)	194068	2.00000	3.4(A)
60 1,1,2-Trichloroethane	83		14.178	14.178	(0.914)	146977	2.00000	2.0(A)
61 Tetrachloroethene	166		14.301	14.296	(0.922)	411823	2.00000	2.1(A)
63 Dibromochloromethane	129		14.735	14.735	(0.950)	486375	2.00000	2.0(A)
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	293415	2.00000	2.4(A)
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1412895	2.00000	
67 Ethylbenzene	91		15.617	15.618	(1.007)	599243	2.00000	2.9(A)
69 Xylene (m,p)	106		15.767	15.762	(1.017)	498728	4.00000	6.4(AQ)
M 70 Xylene, Total	106					707717	6.00000	10
71 Xylene (o)	106		16.281	16.286	(1.050)	208989	2.00000	4.1(A)
73 Bromoform	173		16.602	16.602	(1.071)	502994	2.00000	2.3(A)
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	264694	2.00000	1.9(A)
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	627085	2.00000	5.1(A)
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.121)	537985	2.00000	5.8(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: efr014.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 485958
Lab Sample ID: ic 485958

Date: 21-APR-2013 21:08
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Lab Sample ID: ICV 200-54649/16 Calibration Date: 04/21/2013 22:57
 Instrument ID: E.i Calib Start Date: 04/21/2013 12:57
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/21/2013 21:08
 Lab File ID: efr016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.752	2.237		0.163	0.200	-18.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.309	1.912		0.166	0.200	-17.2	30.0
Vinyl chloride	Ave	0.6500	0.5408		0.166	0.200	-16.8	30.0
1,3-Butadiene	Ave	0.4124	0.3281		0.159	0.200	-20.4	30.0
Bromomethane	Ave	0.9644	0.7697		0.160	0.200	-20.2	30.0
Chloroethane	Ave	0.3323	0.2907		0.175	0.200	-12.5	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8271	0.7215		0.174	0.200	-12.8	30.0
Trichlorofluoromethane	Ave	3.088	2.592		0.168	0.200	-16.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.482	1.430		0.193	0.200	-3.5	30.0
1,1-Dichloroethene	Ave	0.4222	0.4704		0.223	0.200	11.4	30.0
3-Chloropropene	Ave	0.2360	0.2538		0.215	0.200	7.5	30.0
Methylene Chloride	Ave	0.5149	0.6387		0.248	0.200	24.0	30.0
Methyl tert-butyl ether	Ave	0.4967	0.5641		0.227	0.200	13.6	30.0
trans-1,2-Dichloroethene	Ave	0.5525	0.5300		0.192	0.200	-4.1	30.0
n-Hexane	Ave	0.3263	0.3175		0.195	0.200	-2.7	30.0
1,1-Dichloroethane	Ave	0.7724	0.7628		0.198	0.200	-1.2	30.0
cis-1,2-Dichloroethene	Ave	0.3570	0.3887		0.218	0.200	8.9	30.0
Chloroform	Ave	1.388	1.199		0.173	0.200	-13.6	30.0
1,1,1-Trichloroethane	Ave	0.4220	0.3742		0.177	0.200	-11.3	30.0
Cyclohexane	Ave	0.0989	0.0919		0.186	0.200	-7.1	30.0
Carbon tetrachloride	Ave	0.5977	0.4800		0.161	0.200	-19.7	30.0
2,2,4-Trimethylpentane	Ave	0.2241	0.2151		0.192	0.200	-4.0	30.0
Benzene	Ave	0.2480	0.2515		0.203	0.200	1.4	30.0
1,2-Dichloroethane	Ave	0.1810	0.1631		0.180	0.200	-9.9	30.0
n-Heptane	Ave	0.0741	0.0650		0.175	0.200	-12.3	30.0
Trichloroethene	Ave	0.1349	0.1275		0.189	0.200	-5.5	30.0
1,2-Dichloropropane	Ave	0.0723	0.0754		0.209	0.200	4.3	30.0
Bromodichloromethane	Ave	0.3189	0.3000		0.188	0.200	-6.0	30.0
cis-1,3-Dichloropropene	Ave	0.0806	0.0751		0.186	0.200	-6.8	30.0
Toluene	Ave	0.1493	0.1474		0.197	0.200	-1.3	30.0
trans-1,3-Dichloropropene	Ave	0.0784	0.0683		0.174	0.200	-12.9	30.0
1,1,2-Trichloroethane	Ave	0.1059	0.1011		0.191	0.200	-4.5	30.0
Tetrachloroethene	Ave	0.2778	0.2451		0.176	0.200	-11.8	30.0
Dibromochloromethane	Ave	0.3449	0.3377		0.196	0.200	-2.1	30.0
1,2-Dibromoethane	Ave	0.1709	0.1553		0.182	0.200	-9.1	30.0
Ethylbenzene	Ave	0.2957	0.2969		0.201	0.200	0.4	30.0
m-Xylene & p-Xylene	Ave	0.1098	0.0963		0.351	0.400	-12.2	30.0
o-Xylene	Ave	0.0716	0.0673		0.188	0.200	-6.0	30.0
Bromoform	Ave	0.3093	0.2773		0.179	0.200	-10.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1925	0.1293		0.134	0.200	-32.9*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Lab Sample ID: ICV 200-54649/16 Calibration Date: 04/21/2013 22:57
Instrument ID: E.i Calib Start Date: 04/21/2013 12:57
GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/21/2013 21:08
Lab File ID: efr016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	0.1724	0.1331		0.154	0.200	-22.8	30.0
1,3,5-Trimethylbenzene	Ave	0.1309	0.1112		0.170	0.200	-15.0	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrto15.b/efr016.d
Lab Smp Id: icv 485967
Inj Date : 21-APR-2013 22:57
Operator : wrd
Smp Info : icv 485967
Misc Info : 200,1
Comment :
Method : /chem/E.i/Esvr.p/efrto15.b/to15ll3t.m
Meth Date : 23-Apr-2013 10:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
QC Sample: LCS
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	78747	0.16254	0.16	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.399	3.399	(0.342)	67303	0.16561	0.16	
7 Vinyl chloride	62	3.741	3.747	(0.377)	19038	0.16639	0.17	
8 1,3-Butadiene	54	3.805	3.805	(0.383)	11549	0.15911	0.16	
9 Bromomethane	94	4.415	4.415	(0.445)	27097	0.15962	0.16	
10 Chloroethane	64	4.624	4.613	(0.466)	10233	0.17494	0.17	
12 Vinyl bromide	106	4.993	4.988	(0.503)	25400	0.17446	0.17	
13 Trichlorofluoromethane	101	5.100	5.095	(0.514)	91241	0.16785	0.17	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.223	6.213	(0.627)	50337	0.19301	0.19	
19 1,1-Dichloroethene	96	6.293	6.282	(0.634)	16558	0.22283	0.22	
22 Allyl chloride	41	7.063	7.079	(0.712)	8935	0.21507	0.22	
25 Methylene chloride	49	7.363	7.358	(0.742)	22483	0.24809	0.25	
27 1,2-Dichloroethene (trans)	61	7.796	7.807	(0.785)	18656	0.19184	0.19	
28 Methyl tert-butyl ether	73	7.764	7.769	(0.782)	19859	0.22716	0.23	

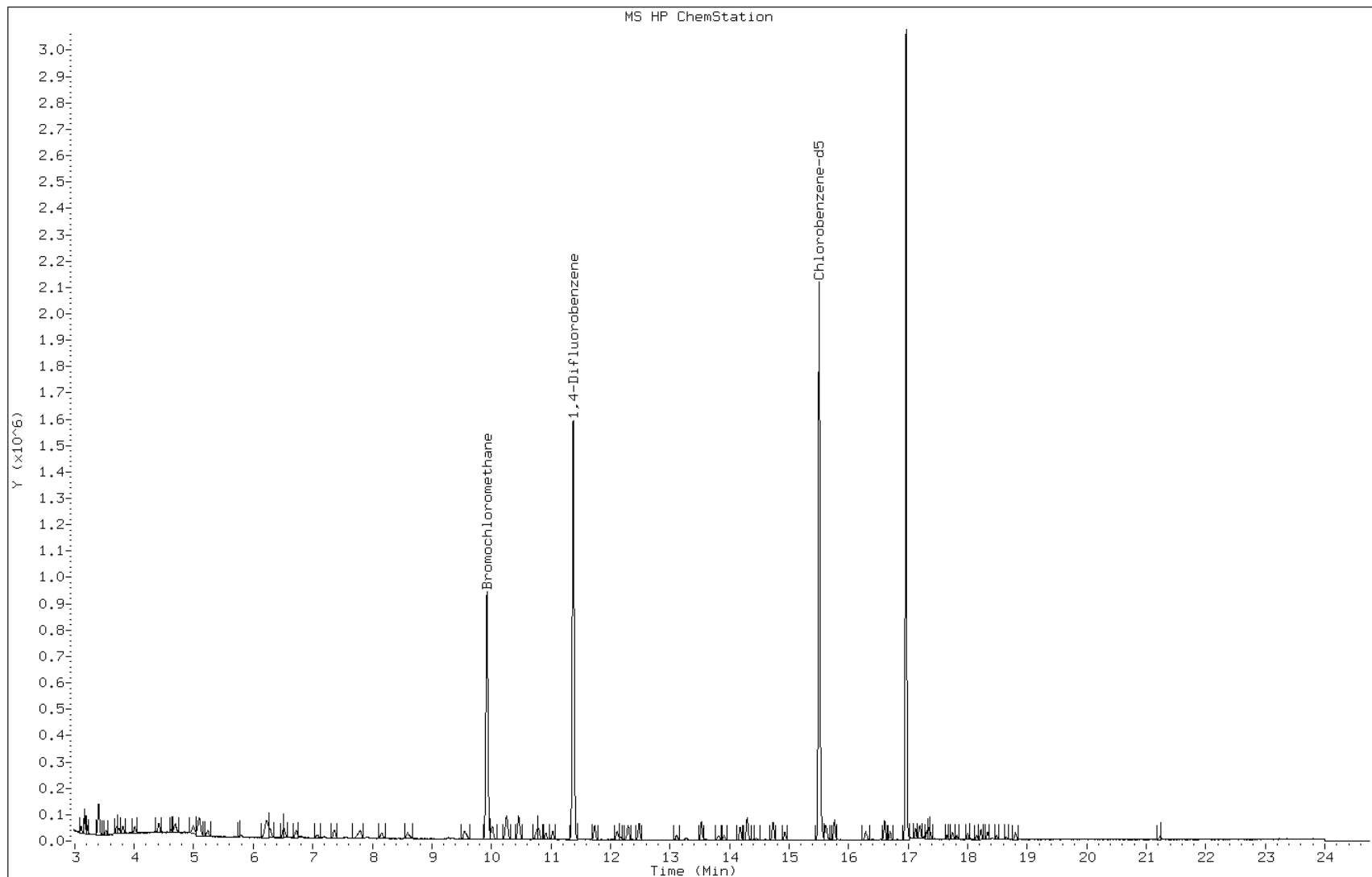
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====
30 n-Hexane	57		8.155	8.149	(0.822)	11177	0.19463	0.19
31 1,1-Dichloroethane	63		8.599	8.593	(0.866)	26853	0.19752	0.20
M 33 1,2-Dichloroethene, Total	61					32338	0.40957	0.41
34 1,2-Dichloroethene (cis)	96		9.551	9.540	(0.962)	13682	0.21773	0.22
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	352034	2.00000	
39 Chloroform	83		10.016	10.011	(1.009)	42220	0.17283	0.17
40 Cyclohexane	84		10.263	10.262	(0.902)	14344	0.18580	0.18
41 1,1,1-Trichloroethane	97		10.252	10.262	(0.901)	58398	0.17735	0.18
42 Carbon tetrachloride	117		10.460	10.460	(0.920)	74911	0.16062	0.16
43 2,2,4-Trimethylpentane	57		10.760	10.755	(0.946)	33571	0.19194	0.19
44 Benzene	78		10.797	10.803	(0.949)	39253	0.20285	0.20
45 1,2-Dichloroethane	62		10.910	10.920	(0.959)	25459	0.18026	0.18
46 n-Heptane	43		11.028	11.033	(0.969)	10143	0.17538	0.18
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1560669	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	19891	0.18897	0.19
50 1,2-Dichloropropane	63		12.114	12.108	(1.065)	11760	0.20858	0.21(Q)
54 Bromodichloromethane	83		12.477	12.477	(1.097)	46812	0.18809	0.19
55 1,3-Dichloropropene (cis)	75		13.114	13.108	(1.153)	11726	0.18650	0.19
58 Toluene	92		13.537	13.536	(0.873)	20192	0.19746	0.20
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.223)	10654	0.17416	0.17
60 1,1,2-Trichloroethane	83		14.173	14.178	(0.914)	13856	0.19107	0.19
61 Tetrachloroethene	166		14.302	14.296	(0.922)	33577	0.17643	0.18
63 Dibromochloromethane	129		14.735	14.735	(0.950)	46264	0.19582	0.20
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	21272	0.18172	0.18
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1370067	2.00000	
67 Ethylbenzene	91		15.612	15.618	(1.007)	40678	0.20082	0.20
69 Xylene (m,p)	106		15.762	15.762	(1.017)	26397	0.35105	0.35
M 70 Xylene, Total	106					35619	0.53907	0.54
71 Xylene (o)	106		16.281	16.286	(1.050)	9222	0.18802	0.19
73 Bromoform	173		16.602	16.602	(1.071)	37993	0.17931	0.18
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	17708	0.13428	0.13(R)
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	18237	0.15443	0.15
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.121)	15237	0.16992	0.17

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: efr016.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 485967
Lab Sample ID: icv 485967

Date: 21-APR-2013 22:57
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Lab Sample ID: CCVIS 200-54701/2 Calibration Date: 04/22/2013 10:05
 Instrument ID: E.i Calib Start Date: 04/21/2013 12:57
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/21/2013 21:08
 Lab File ID: efra002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.752	2.577		0.187	0.200	-6.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.309	2.367		0.205	0.200	2.5	30.0
Vinyl chloride	Ave	0.6500	0.6902		0.212	0.200	6.2	30.0
1,3-Butadiene	Ave	0.4124	0.4040		0.196	0.200	-2.0	30.0
Bromomethane	Ave	0.9644	0.9292		0.193	0.200	-3.7	30.0
Chloroethane	Ave	0.3323	0.3628		0.218	0.200	9.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8271	0.8657		0.209	0.200	4.7	30.0
Trichlorofluoromethane	Ave	3.088	3.066		0.199	0.200	-0.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.482	1.489		0.201	0.200	0.5	30.0
1,1-Dichloroethene	Ave	0.4222	0.4789		0.227	0.200	13.4	30.0
3-Chloropropene	Ave	0.2360	0.2767		0.234	0.200	17.2	30.0
Methylene Chloride	Ave	0.5149	0.6005		0.233	0.200	16.6	30.0
Methyl tert-butyl ether	Ave	0.4967	0.5356		0.216	0.200	7.8	30.0
trans-1,2-Dichloroethene	Ave	0.5525	0.5905		0.214	0.200	6.9	30.0
n-Hexane	Ave	0.3263	0.3232		0.198	0.200	-0.9	30.0
1,1-Dichloroethane	Ave	0.7724	0.8212		0.213	0.200	6.3	30.0
cis-1,2-Dichloroethene	Ave	0.3570	0.3548		0.199	0.200	-0.6	30.0
Chloroform	Ave	1.388	1.409		0.203	0.200	1.5	30.0
1,1,1-Trichloroethane	Ave	0.4220	0.4365		0.207	0.200	3.4	30.0
Cyclohexane	Ave	0.0989	0.1014		0.205	0.200	2.4	30.0
Carbon tetrachloride	Ave	0.5977	0.5775		0.193	0.200	-3.4	30.0
2,2,4-Trimethylpentane	Ave	0.2241	0.2222		0.198	0.200	-0.9	30.0
Benzene	Ave	0.2480	0.2706		0.218	0.200	9.1	30.0
1,2-Dichloroethane	Ave	0.1810	0.1920		0.212	0.200	6.1	30.0
n-Heptane	Ave	0.0741	0.0702		0.189	0.200	-5.3	30.0
Trichloroethene	Ave	0.1349	0.1443		0.214	0.200	7.0	30.0
1,2-Dichloropropane	Ave	0.0723	0.0874		0.242	0.200	21.0	30.0
Bromodichloromethane	Ave	0.3189	0.3402		0.213	0.200	6.7	30.0
cis-1,3-Dichloropropene	Ave	0.0806	0.0835		0.207	0.200	3.7	30.0
Toluene	Ave	0.1493	0.1573		0.211	0.200	5.4	30.0
trans-1,3-Dichloropropene	Ave	0.0784	0.0736		0.188	0.200	-6.1	30.0
1,1,2-Trichloroethane	Ave	0.1059	0.1093		0.206	0.200	3.2	30.0
Tetrachloroethene	Ave	0.2778	0.2809		0.202	0.200	1.1	30.0
Dibromochloromethane	Ave	0.3449	0.3498		0.203	0.200	1.4	30.0
1,2-Dibromoethane	Ave	0.1709	0.1776		0.208	0.200	3.9	30.0
Ethylbenzene	Ave	0.2957	0.3104		0.210	0.200	5.0	30.0
m-Xylene & p-Xylene	Ave	0.1098	0.1005		0.366	0.400	-8.5	30.0
o-Xylene	Ave	0.0716	0.0705		0.197	0.200	-1.5	30.0
Bromoform	Ave	0.3093	0.2882		0.186	0.200	-6.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1925	0.1495		0.155	0.200	-22.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Lab Sample ID: CCVIS 200-54701/2 Calibration Date: 04/22/2013 10:05
Instrument ID: E.i Calib Start Date: 04/21/2013 12:57
GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/21/2013 21:08
Lab File ID: efra002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	0.1724	0.1460		0.169	0.200	-15.3	30.0
1,3,5-Trimethylbenzene	Ave	0.1309	0.1155		0.176	0.200	-11.8	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrato15.b/efra002.d
Lab Smp Id: ccvis
Inj Date : 22-APR-2013 10:05
Operator : wrd
Smp Info : ccvis
Misc Info : 200,1, level 5
Comment :
Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
Meth Date : 24-Apr-2013 08:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
Continuing Calibration Sample
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.174	3.169	(0.320)	72860	0.20000	0.19	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	66926	0.20000	0.20	
7 Vinyl chloride	62	3.741	3.747	(0.377)	19513	0.20000	0.21	
8 1,3-Butadiene	54	3.805	3.805	(0.383)	11421	0.20000	0.20	
9 Bromomethane	94	4.415	4.415	(0.445)	26272	0.20000	0.19	
10 Chloroethane	64	4.624	4.613	(0.466)	10257	0.20000	0.22	
12 Vinyl bromide	106	4.998	4.988	(0.503)	24476	0.20000	0.21	
13 Trichlorofluoromethane	101	5.089	5.095	(0.512)	86685	0.20000	0.20	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.223	6.213	(0.627)	42098	0.20000	0.20	
19 1,1-Dichloroethene	96	6.293	6.282	(0.634)	13540	0.20000	0.23	
22 Allyl chloride	41	7.074	7.079	(0.712)	7822	0.20000	0.23	
25 Methylene chloride	49	7.368	7.358	(0.742)	16979	0.20000	0.23	
27 1,2-Dichloroethene (trans)	61	7.796	7.807	(0.785)	16694	0.20000	0.21	
28 Methyl tert-butyl ether	73	7.753	7.769	(0.781)	15143	0.20000	0.22	

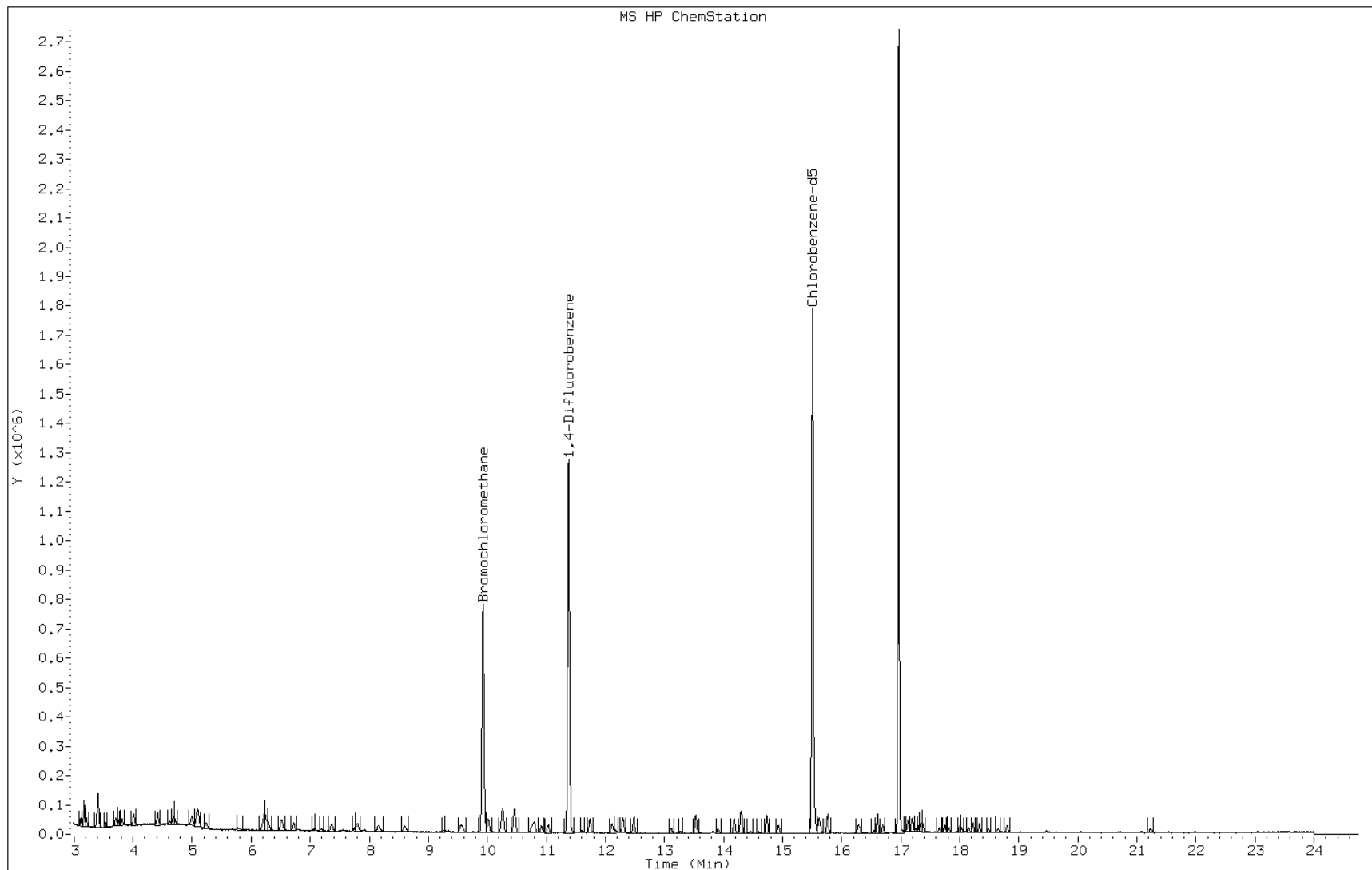
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.155	8.149	(0.821)	9138	0.20000	0.20
31 1,1-Dichloroethane	63	8.593	8.593	(0.865)	23217	0.20000	0.21
M 33 1,2-Dichloroethene, Total	61				26724	0.40000	0.41
34 1,2-Dichloroethene (cis)	96	9.546	9.540	(0.961)	10030	0.20000	0.20
* 36 Bromochloromethane	128	9.931	9.925	(1.000)	282735	2.00000	
39 Chloroform	83	10.011	10.011	(1.008)	39847	0.20000	0.20
40 Cyclohexane	84	10.262	10.262	(0.902)	12212	0.20000	0.20
41 1,1,1-Trichloroethane	97	10.257	10.262	(0.902)	52591	0.20000	0.21
42 Carbon tetrachloride	117	10.460	10.460	(0.920)	69586	0.20000	0.19
43 2,2,4-Trimethylpentane	57	10.755	10.755	(0.945)	26767	0.20000	0.20
44 Benzene	78	10.797	10.803	(0.949)	32605	0.20000	0.22
45 1,2-Dichloroethane	62	10.915	10.920	(0.960)	23128	0.20000	0.21
46 n-Heptane	43	11.022	11.033	(0.969)	8453	0.20000	0.19
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1204872	2.00000	
49 Trichloroethene	95	11.734	11.739	(1.032)	17387	0.20000	0.21
50 1,2-Dichloropropane	63	12.108	12.108	(1.064)	10536	0.20000	0.24
54 Bromodichloromethane	83	12.483	12.477	(1.097)	40986	0.20000	0.21
55 1,3-Dichloropropene (cis)	75	13.114	13.108	(1.153)	10065	0.20000	0.21
58 Toluene	92	13.542	13.536	(0.873)	17799	0.20000	0.21
59 1,3-Dichloropropene (trans)	75	13.916	13.906	(1.223)	8866	0.20000	0.19
60 1,1,2-Trichloroethane	83	14.178	14.178	(0.914)	12365	0.20000	0.21
61 Tetrachloroethene	166	14.296	14.296	(0.922)	31796	0.20000	0.20
63 Dibromochloromethane	129	14.729	14.735	(0.950)	39584	0.20000	0.20
64 1,2-Dibromoethane	107	14.927	14.933	(0.963)	20095	0.20000	0.21
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	1131758	2.00000	
67 Ethylbenzene	91	15.612	15.618	(1.007)	35130	0.20000	0.21
69 Xylene (m,p)	106	15.767	15.762	(1.017)	22739	0.40000	0.37
M 70 Xylene, Total	106				30720	0.60000	0.56
71 Xylene (o)	106	16.281	16.286	(1.050)	7981	0.20000	0.20(Q)
73 Bromoform	173	16.602	16.602	(1.071)	32620	0.20000	0.19
75 1,1,2,2-Tetrachloroethane	83	17.121	17.121	(1.104)	16921	0.20000	0.16
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	16519	0.20000	0.17
81 1,3,5-Trimethylbenzene	105	17.378	17.378	(1.121)	13067	0.20000	0.18

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: efra002.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis
Lab Sample ID: ccvis

Date: 22-APR-2013 10:05
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15795-1

SDG No.: 200-15795

Lab Sample ID: CCVIS 200-54733/4 Calibration Date: 04/23/2013 13:58

Instrument ID: E.i Calib Start Date: 04/21/2013 12:57

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/21/2013 21:08

Lab File ID: efrb004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.752	2.424		0.176	0.200	-11.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.309	2.186		0.189	0.200	-5.3	30.0
Vinyl chloride	Ave	0.6500	0.6337		0.195	0.200	-2.5	30.0
1,3-Butadiene	Ave	0.4124	0.3915		0.190	0.200	-5.1	30.0
Bromomethane	Ave	0.9644	0.8479		0.176	0.200	-12.1	30.0
Chloroethane	Ave	0.3323	0.3417		0.206	0.200	2.8	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8271	0.8095		0.196	0.200	-2.1	30.0
Trichlorofluoromethane	Ave	3.088	2.861		0.185	0.200	-7.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.482	1.393		0.188	0.200	-6.0	30.0
1,1-Dichloroethene	Ave	0.4222	0.4042		0.191	0.200	-4.3	30.0
3-Chloropropene	Ave	0.2360	0.2460		0.208	0.200	4.2	30.0
Methylene Chloride	Ave	0.5149	0.5659		0.220	0.200	9.9	30.0
Methyl tert-butyl ether	Ave	0.4967	0.4441		0.179	0.200	-10.6	30.0
trans-1,2-Dichloroethene	Ave	0.5525	0.5020		0.182	0.200	-9.1	30.0
n-Hexane	Ave	0.3263	0.2978		0.183	0.200	-8.7	30.0
1,1-Dichloroethane	Ave	0.7724	0.8109		0.210	0.200	5.0	30.0
cis-1,2-Dichloroethene	Ave	0.3570	0.3602		0.202	0.200	0.9	30.0
Chloroform	Ave	1.388	1.371		0.198	0.200	-1.2	30.0
1,1,1-Trichloroethane	Ave	0.4220	0.3989		0.189	0.200	-5.5	30.0
Cyclohexane	Ave	0.0989	0.0838		0.169	0.200	-15.3	30.0
Carbon tetrachloride	Ave	0.5977	0.5494		0.184	0.200	-8.1	30.0
2,2,4-Trimethylpentane	Ave	0.2241	0.1962		0.175	0.200	-12.5	30.0
Benzene	Ave	0.2480	0.2545		0.205	0.200	2.6	30.0
1,2-Dichloroethane	Ave	0.1810	0.1746		0.193	0.200	-3.5	30.0
n-Heptane	Ave	0.0741	0.0678		0.183	0.200	-8.6	30.0
Trichloroethene	Ave	0.1349	0.1326		0.197	0.200	-1.7	30.0
1,2-Dichloropropane	Ave	0.0723	0.0699		0.194	0.200	-3.2	30.0
Bromodichloromethane	Ave	0.3189	0.3064		0.192	0.200	-3.9	30.0
cis-1,3-Dichloropropene	Ave	0.0806	0.0741		0.184	0.200	-8.0	30.0
Toluene	Ave	0.1493	0.1383		0.185	0.200	-7.4	30.0
trans-1,3-Dichloropropene	Ave	0.0784	0.0680		0.173	0.200	-13.3	30.0
1,1,2-Trichloroethane	Ave	0.1059	0.0951		0.180	0.200	-10.2	30.0
Tetrachloroethene	Ave	0.2778	0.2592		0.187	0.200	-6.7	30.0
Dibromochloromethane	Ave	0.3449	0.3154		0.183	0.200	-8.5	30.0
1,2-Dibromoethane	Ave	0.1709	0.1507		0.176	0.200	-11.8	30.0
Ethylbenzene	Ave	0.2957	0.2560		0.173	0.200	-13.4	30.0
m-Xylene & p-Xylene	Ave	0.1098	0.0772		0.281	0.400	-29.7	30.0
o-Xylene	Ave	0.0716	0.0584		0.163	0.200	-18.4	30.0
Bromoform	Ave	0.3093	0.2592		0.168	0.200	-16.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1925	0.1220		0.127	0.200	-36.6*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Lab Sample ID: CCVIS 200-54733/4 Calibration Date: 04/23/2013 13:58
Instrument ID: E.i Calib Start Date: 04/21/2013 12:57
GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/21/2013 21:08
Lab File ID: efrb004.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	0.1724	0.1182		0.137	0.200	-31.5*	30.0
1,3,5-Trimethylbenzene	Ave	0.1309	0.1018		0.156	0.200	-22.2	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrbto15.b/efrb004.d
 Lab Smp Id: ccvis 485959
 Inj Date : 23-APR-2013 13:58
 Operator : wrd
 Smp Info : ccvis 485959
 Misc Info : 200,1, level 5
 Comment :
 Method : /chem/E.i/Esvr.p/efrbto15.b/to15ll3t.m
 Meth Date : 24-Apr-2013 11:54 wrd
 Cal Date : 21-APR-2013 21:08
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: E.i

Quant Type: ISTD

Cal File: efr014.d

Continuing Calibration Sample

Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable

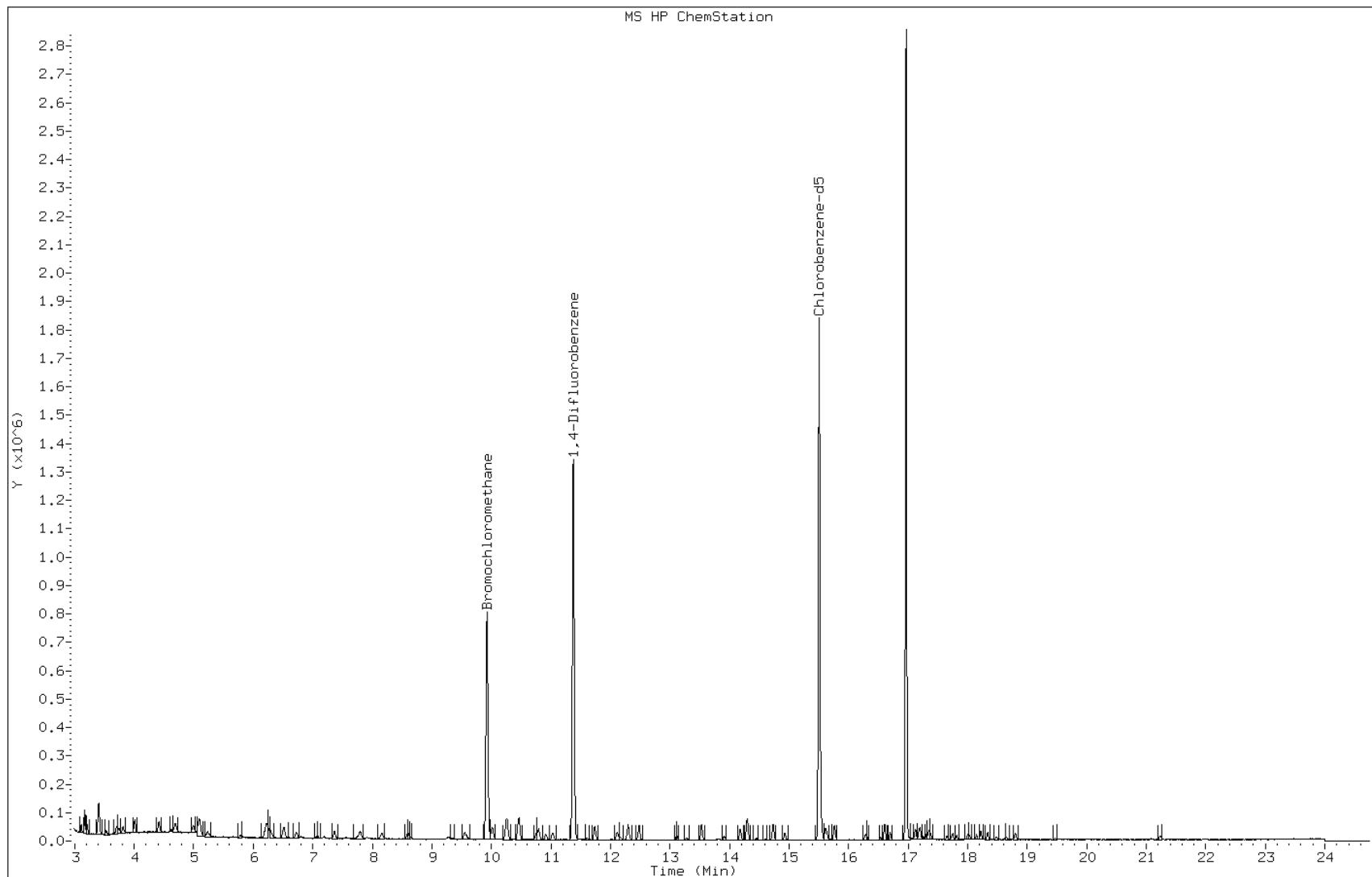
Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	69232	0.20000	0.18	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	62422	0.20000	0.19	
7 Vinyl chloride	62	3.746	3.747	(0.377)	18099	0.20000	0.19	
8 1,3-Butadiene	54	3.811	3.805	(0.384)	11182	0.20000	0.19	
9 Bromomethane	94	4.410	4.415	(0.444)	24215	0.20000	0.18	
10 Chloroethane	64	4.618	4.613	(0.465)	9758	0.20000	0.20	
12 Vinyl bromide	106	4.993	4.988	(0.503)	23118	0.20000	0.20	
13 Trichlorofluoromethane	101	5.095	5.095	(0.513)	81700	0.20000	0.18	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.223	6.213	(0.627)	39786	0.20000	0.19	
19 1,1-Dichloroethene	96	6.293	6.282	(0.634)	11544	0.20000	0.19	
22 Allyl chloride	41	7.079	7.079	(0.713)	7024	0.20000	0.21	
25 Methylene chloride	49	7.368	7.358	(0.742)	16161	0.20000	0.22	
27 1,2-Dichloroethene (trans)	61	7.802	7.807	(0.786)	14338	0.20000	0.18	
28 Methyl tert-butyl ether	73	7.759	7.769	(0.782)	12684	0.20000	0.18	

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
	MASS						(ppb v/vv)	(ppb v/vv)
=====	=====		==	=====	=====	=====	=====	=====
30 n-Hexane	57		8.160	8.149	(0.822)	8505	0.20000	0.18
31 1,1-Dichloroethane	63		8.588	8.593	(0.865)	23158	0.20000	0.21
M 33 1,2-Dichloroethene, Total	61					24626	0.40000	0.38
34 1,2-Dichloroethene (cis)	96		9.551	9.540	(0.962)	10288	0.20000	0.20
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	285592	2.00000	
39 Chloroform	83		10.022	10.011	(1.010)	39147	0.20000	0.20
40 Cyclohexane	84		10.268	10.262	(0.903)	10543	0.20000	0.17
41 1,1,1-Trichloroethane	97		10.257	10.262	(0.902)	50163	0.20000	0.19
42 Carbon tetrachloride	117		10.460	10.460	(0.920)	69090	0.20000	0.18
43 2,2,4-Trimethylpentane	57		10.771	10.755	(0.947)	24672	0.20000	0.18
44 Benzene	78		10.797	10.803	(0.949)	32008	0.20000	0.20
45 1,2-Dichloroethane	62		10.915	10.920	(0.960)	21961	0.20000	0.19
46 n-Heptane	43		11.027	11.033	(0.969)	8521	0.20000	0.18
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1257539	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	16674	0.20000	0.20
50 1,2-Dichloropropane	63		12.113	12.108	(1.065)	8794	0.20000	0.19
54 Bromodichloromethane	83		12.483	12.477	(1.097)	38531	0.20000	0.19
55 1,3-Dichloropropene (cis)	75		13.108	13.108	(1.152)	9317	0.20000	0.18
58 Toluene	92		13.531	13.536	(0.873)	15808	0.20000	0.18
59 1,3-Dichloropropene (trans)	75		13.916	13.906	(1.223)	8549	0.20000	0.17
60 1,1,2-Trichloroethane	83		14.178	14.178	(0.914)	10875	0.20000	0.18
61 Tetrachloroethene	166		14.307	14.296	(0.923)	29640	0.20000	0.19
63 Dibromochloromethane	129		14.729	14.735	(0.950)	36066	0.20000	0.18
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	17237	0.20000	0.18
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1143466	2.00000	
67 Ethylbenzene	91		15.612	15.618	(1.007)	29272	0.20000	0.17
69 Xylene (m,p)	106		15.762	15.762	(1.017)	17655	0.40000	0.28
M 70 Xylene, Total	106					24334	0.60000	0.44
71 Xylene (o)	106		16.281	16.286	(1.050)	6679	0.20000	0.16
73 Bromoform	173		16.602	16.602	(1.071)	29642	0.20000	0.17
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.105)	13948	0.20000	0.13
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	13512	0.20000	0.14
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.121)	11645	0.20000	0.16

Data File: efrb004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 485959
Lab Sample ID: ccvis 485959

Date: 23-APR-2013 13:58
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/efrto15.b/efr001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 21-APR-2013 09:27
 Operator : wrd Inst ID: E.i
 Smp Info : BFB
 Misc Info : 50,1
 Comment :
 Method : /chem/E.i/Esvr.p/efrto15.b/bfbto15.m
 Meth Date : 27-Mar-2013 15:52 wrd Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: AIR
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

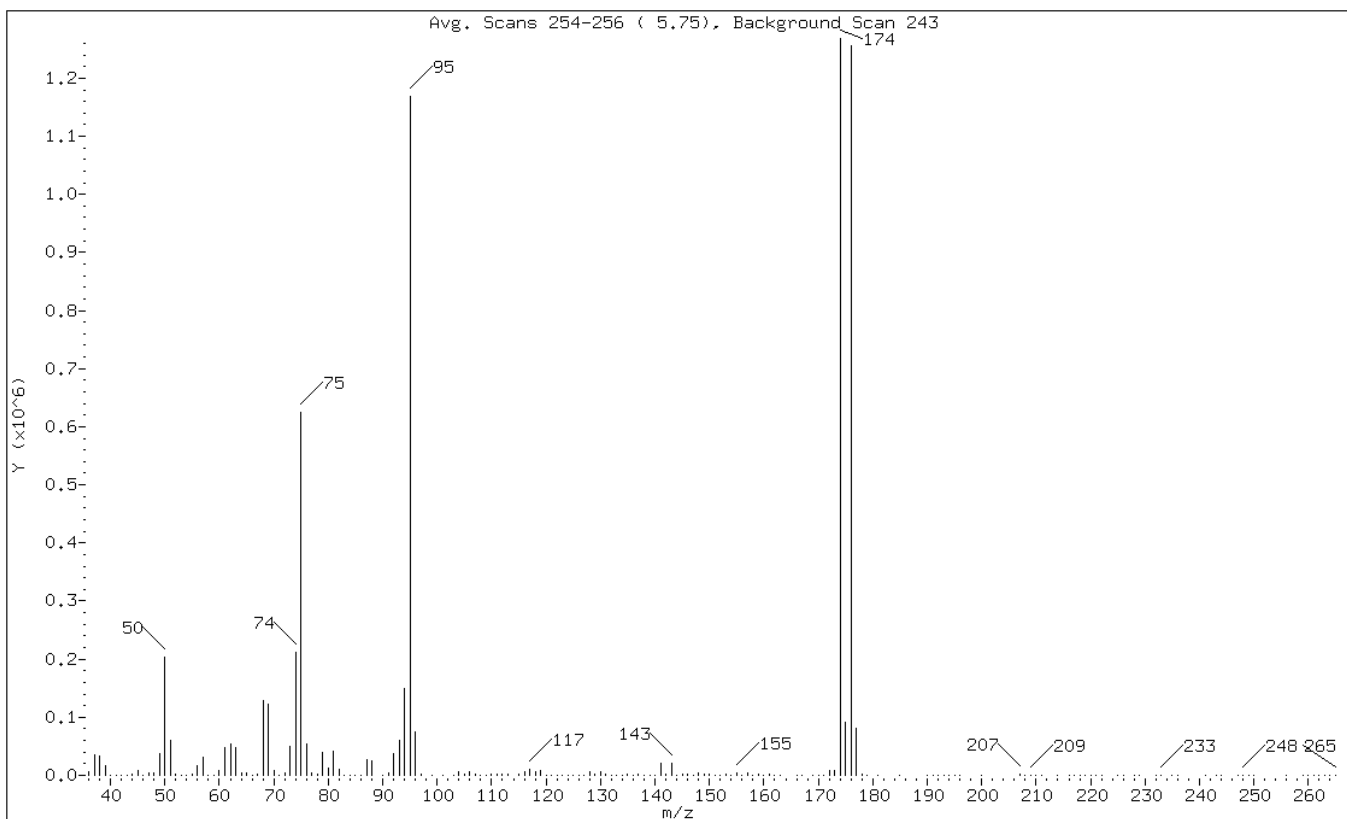
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
		ON-COL		FINAL					
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 1 bfb					CAS #: 460-00-4				
5.745	5.750	-0.005	95	1168554			100.00-	100.00	92.14
5.745	5.750	-0.005	50	203365			8.00-	40.00	17.40
5.745	5.750	-0.005	75	624448			30.00-	66.00	53.44
5.745	5.750	-0.005	96	75581			5.00-	9.00	6.47
5.745	5.750	-0.005	173	7581			0.00-	2.00	0.60
5.745	5.750	-0.005	174	1268224			50.00-	120.00	108.53
5.745	5.750	-0.005	175	90943			4.00-	9.00	7.17
5.745	5.750	-0.005	176	1255424			93.00-	101.00	98.99
5.745	5.750	-0.005	177	81333			5.00-	9.00	6.48

Data File: efr001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 21-APR-2013 09:27
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.40
75	30.00 - 66.00% of mass 95	53.44
96	5.00 - 9.00% of mass 95	6.47
173	Less than 2.00% of mass 174	0.65 (0.60)
174	50.00 - 120.00% of mass 95	108.53
175	4.00 - 9.00% of mass 174	7.78 (7.17)
176	93.00 - 101.00% of mass 174	107.43 (98.99)
177	5.00 - 9.00% of mass 176	6.96 (6.48)

Data File: efr001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

Date: 21-APR-2013 09:27
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

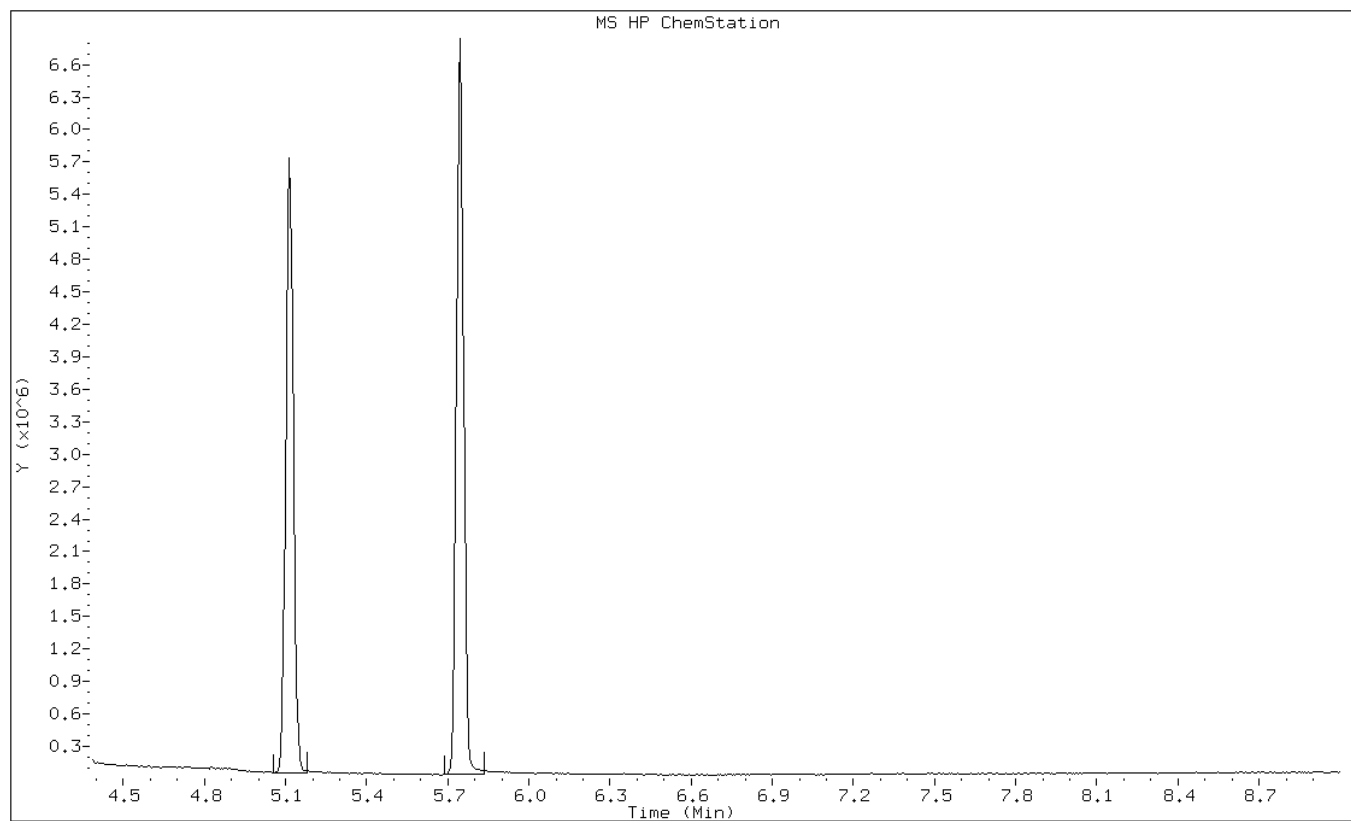
Data File: /chem/E.i/Esrv.p/efrto15.b/efr001.d
 Spectrum: Avg. Scans 254-256 (5.75), Background Scan 243
 Location of Maximum: 174.00
 Number of points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5592	82.00	10683	133.00	635	190.00	280
37.00	35208	83.00	345	134.00	420	191.00	278
38.00	33264	84.00	176	135.00	3074	192.00	274
39.00	16896	85.00	183	136.00	553	193.00	363
40.00	795	86.00	1036	137.00	2812	194.00	132
41.00	264	87.00	26112	138.00	249	195.00	162
42.00	198	88.00	25208	139.00	658	196.00	62
43.00	538	90.00	62	140.00	927	200.00	264
44.00	1518	91.00	4926	141.00	19848	207.00	2018
45.00	7776	92.00	37424	142.00	1765	208.00	374
46.00	565	93.00	59904	143.00	21400	209.00	493
47.00	3518	94.00	148992	144.00	778	210.00	180
48.00	3978	95.00	1168384	145.00	2741	211.00	104
49.00	36808	96.00	75576	146.00	1817	214.00	73
50.00	203328	97.00	2256	147.00	593	216.00	54
51.00	60464	99.00	50	148.00	4298	217.00	202
52.00	2700	101.00	228	149.00	1138	218.00	148
53.00	516	103.00	315	150.00	1684	219.00	59
54.00	8	104.00	6800	151.00	329	220.00	136
55.00	2531	105.00	2110	152.00	839	221.00	165
56.00	17112	106.00	5276	153.00	1354	222.00	123
57.00	31608	107.00	1442	154.00	967	225.00	51
58.00	335	108.00	297	155.00	4136	226.00	91
59.00	487	109.00	65	156.00	957	228.00	53
60.00	9185	110.00	1146	157.00	3190	229.00	71
61.00	46936	111.00	1389	158.00	601	232.00	45
62.00	53256	112.00	1143	159.00	2318	233.00	224
63.00	46888	113.00	1319	160.00	136	235.00	64
64.00	3920	115.00	1356	161.00	2163	236.00	122
65.00	4320	116.00	5204	162.00	237	241.00	65
66.00	703	117.00	11146	163.00	256	243.00	57
67.00	2321	118.00	5504	166.00	60	244.00	93
68.00	127736	119.00	7813	167.00	198	247.00	171
69.00	123224	120.00	699	169.00	91	248.00	216
70.00	8385	121.00	138	170.00	243	249.00	163
71.00	364	122.00	278	171.00	631	250.00	108
72.00	4331	123.00	346	172.00	7362	256.00	77
73.00	49464	124.00	978	173.00	7581	259.00	63
74.00	212736	125.00	753	174.00	1268224	260.00	69
75.00	624448	126.00	577	175.00	90936	261.00	79
76.00	53848	127.00	579	176.00	1255424	262.00	82
77.00	4426	128.00	6036	177.00	81328	263.00	62
78.00	1810	129.00	2797	178.00	2270	264.00	57

	79.00	40464		130.00	6080		179.00	153		265.00	268	
	80.00	12395		131.00	2324		181.00	96				
+	-----+											+
	81.00	41784		132.00	337		185.00	128				
+	-----+											+

Data File: efr001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 21-APR-2013 09:27
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/efrato15.b/efra001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 22-APR-2013 09:17
 Operator : wrd Inst ID: E.i
 Smp Info : BFB
 Misc Info : 50,1
 Comment :
 Method : /chem/E.i/Esvr.p/efrato15.b/bfbto15.m
 Meth Date : 27-Mar-2013 15:52 wrd Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: AIR
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

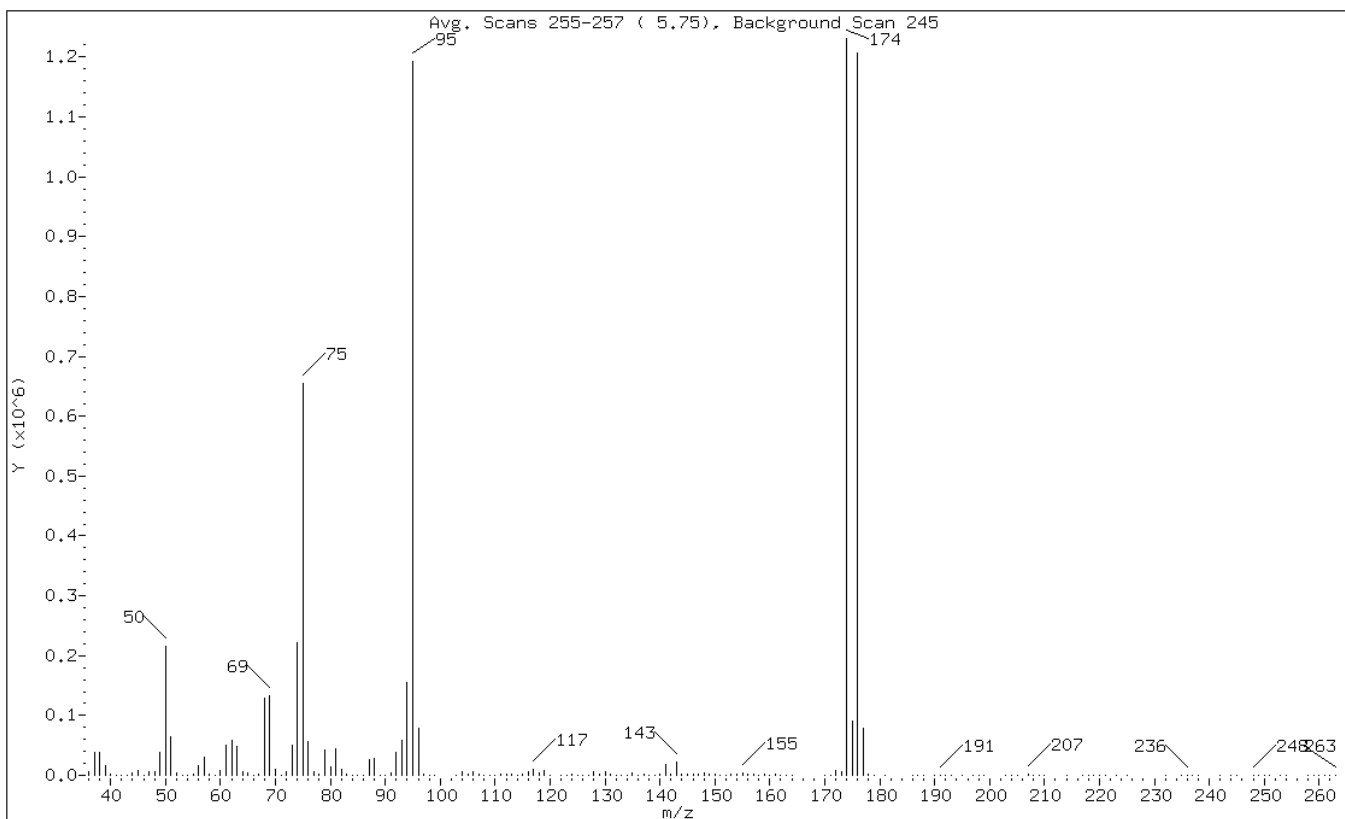
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
		ON-COL		FINAL					
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 1 bfb					CAS #: 460-00-4				
5.751	5.750	0.001	95	1193201			100.00-	100.00	96.94
5.751	5.750	0.001	50	216360			8.00-	40.00	18.13
5.751	5.750	0.001	75	653944			30.00-	66.00	54.81
5.751	5.750	0.001	96	79301			5.00-	9.00	6.65
5.751	5.750	0.001	173	6784			0.00-	2.00	0.55
5.751	5.750	0.001	174	1230848			50.00-	120.00	103.16
5.751	5.750	0.001	175	91568			4.00-	9.00	7.44
5.751	5.750	0.001	176	1207296			93.00-	101.00	98.09
5.751	5.750	0.001	177	79404			5.00-	9.00	6.58

Data File: efra001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 22-APR-2013 09:17
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.13
75	30.00 - 66.00% of mass 95	54.81
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.57 (0.55)
174	50.00 - 120.00% of mass 95	103.16
175	4.00 - 9.00% of mass 174	7.67 (7.44)
176	93.00 - 101.00% of mass 174	101.18 (98.09)
177	5.00 - 9.00% of mass 176	6.65 (6.58)

Data File: efra001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

Date: 22-APR-2013 09:17
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

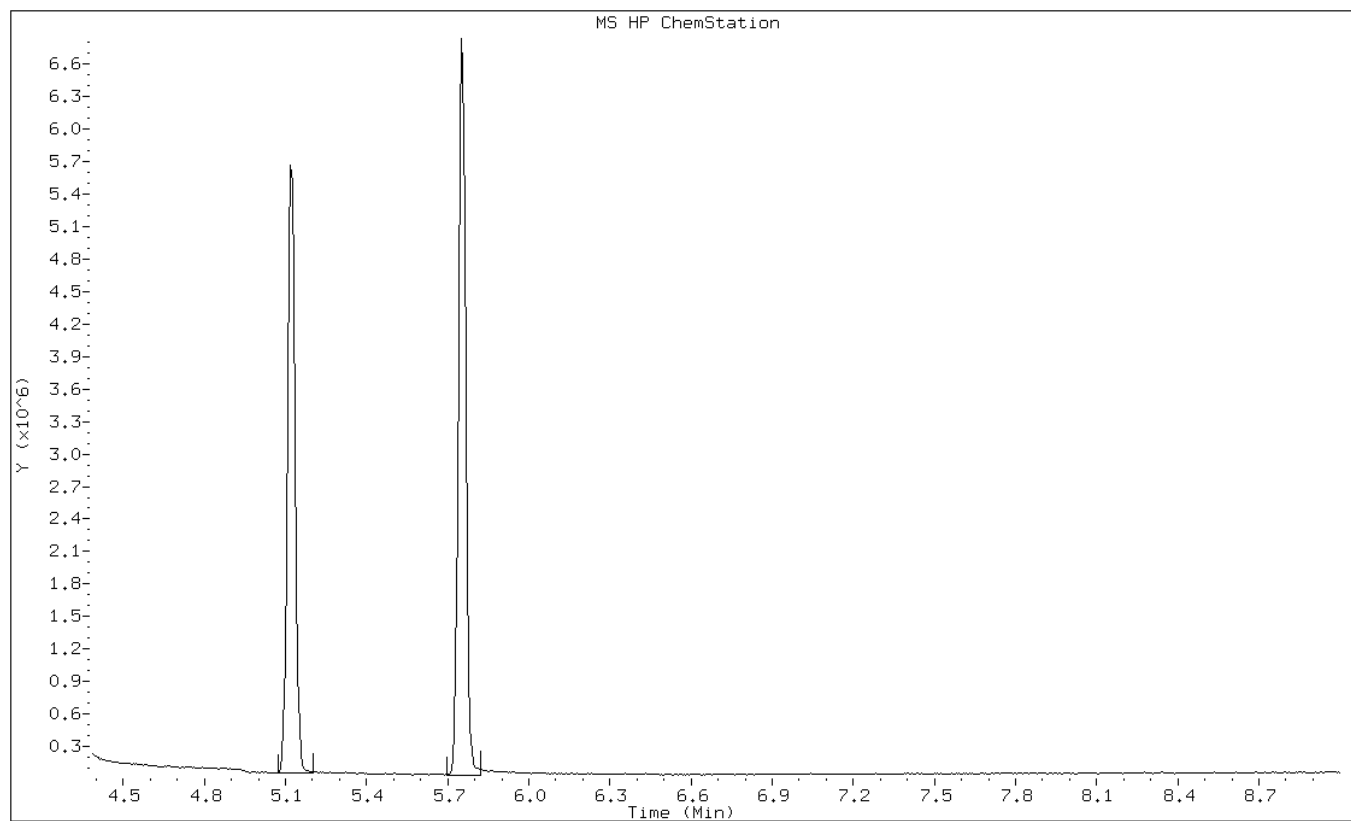
Data File: /chem/E.i/Esrv.p/efrato15.b/efra001.d
 Spectrum: Avg. Scans 255-257 (5.75), Background Scan 245
 Location of Maximum: 174.00
 Number of points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6432	82.00	11036	132.00	151	188.00	156
37.00	37288	83.00	1446	133.00	537	190.00	162
38.00	38104	84.00	150	134.00	745	191.00	317
39.00	16206	85.00	85	135.00	3665	192.00	51
40.00	2321	86.00	813	136.00	516	193.00	120
41.00	555	87.00	25920	137.00	2991	195.00	43
42.00	228	88.00	28360	138.00	148	197.00	108
43.00	605	89.00	729	139.00	448	198.00	74
44.00	3597	90.00	61	140.00	1665	199.00	58
45.00	8572	91.00	4382	141.00	18616	203.00	278
46.00	611	92.00	37576	142.00	1936	204.00	9
47.00	5080	93.00	58480	143.00	21560	205.00	69
48.00	5473	94.00	155520	144.00	1742	207.00	1196
49.00	38672	95.00	1192960	145.00	2283	208.00	250
50.00	216320	96.00	79296	146.00	1841	209.00	317
51.00	65320	97.00	2670	147.00	1016	210.00	69
52.00	3547	98.00	197	148.00	3338	214.00	81
53.00	841	99.00	230	149.00	1071	217.00	84
54.00	465	103.00	963	150.00	1945	218.00	86
55.00	1797	104.00	5733	151.00	220	219.00	441
56.00	16133	105.00	1996	152.00	665	220.00	168
57.00	30416	106.00	6386	153.00	1233	221.00	109
58.00	1166	107.00	1586	154.00	1106	223.00	52
59.00	182	108.00	235	155.00	4220	225.00	59
60.00	8501	109.00	77	156.00	1359	232.00	157
61.00	50344	110.00	851	157.00	2816	235.00	18
62.00	57816	111.00	1590	158.00	588	236.00	182
63.00	47472	112.00	1216	159.00	2037	237.00	156
64.00	5192	113.00	1331	160.00	134	238.00	60
65.00	4785	114.00	130	161.00	1865	242.00	50
66.00	701	115.00	1265	162.00	168	244.00	70
67.00	2975	116.00	5883	163.00	63	245.00	169
68.00	129320	117.00	9782	164.00	50	248.00	297
69.00	132288	118.00	4634	170.00	196	249.00	109
70.00	9769	119.00	8949	171.00	255	250.00	145
71.00	330	120.00	323	172.00	7092	251.00	55
72.00	5617	122.00	500	173.00	6784	253.00	209
73.00	49656	123.00	454	174.00	1230848	254.00	50
74.00	222400	124.00	1076	175.00	91568	258.00	137
75.00	653888	125.00	713	176.00	1207296	259.00	56
76.00	56568	126.00	338	177.00	79400	260.00	241
77.00	5785	127.00	697	178.00	2296	261.00	135
78.00	2418	128.00	5532	179.00	75	262.00	224

	79.00	41616		129.00	2396		181.00	160		263.00	142	
	80.00	14445		130.00	5864		186.00	66				
+	-----+											+
	81.00	43680		131.00	2503		187.00	184				
+	-----+											+

Data File: efra001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 22-APR-2013 09:17
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/efrbto15.b/efrb001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 23-APR-2013 11:14
 Operator : wrd Inst ID: E.i
 Smp Info : BFB
 Misc Info : 50,1
 Comment :
 Method : /chem/E.i/Esvr.p/efrbto15.b/bfbto15.m
 Meth Date : 27-Mar-2013 15:52 wrd Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: AIR
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

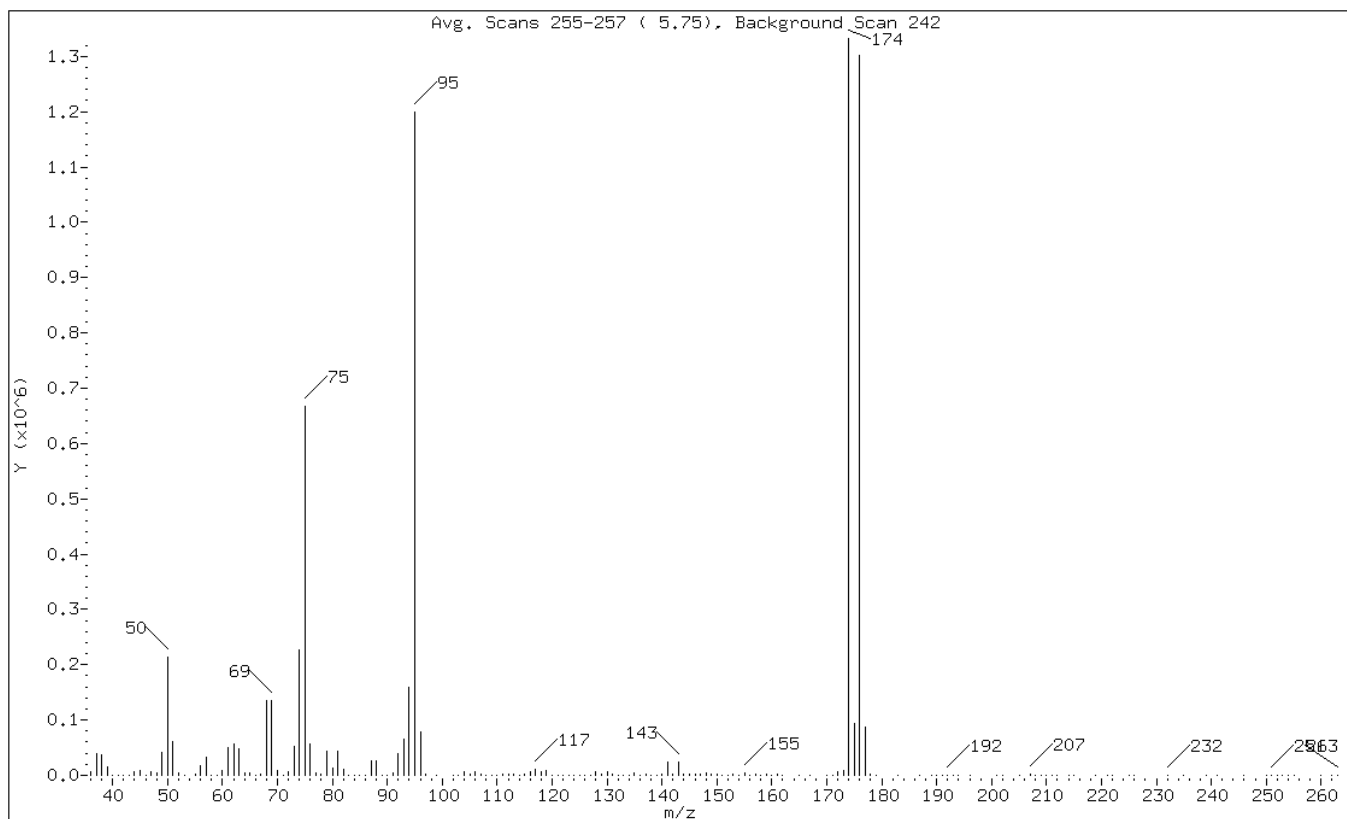
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
		ON-COL		FINAL					
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 1 bfb					CAS #: 460-00-4				
5.751	5.750	0.001	95	1199787			100.00-	100.00	90.05
5.751	5.750	0.001	50	213109			8.00-	40.00	17.76
5.751	5.750	0.001	75	667385			30.00-	66.00	55.63
5.751	5.750	0.001	96	77936			5.00-	9.00	6.50
5.751	5.750	0.001	173	8119			0.00-	2.00	0.61
5.751	5.750	0.001	174	1332394			50.00-	120.00	111.05
5.751	5.750	0.001	175	94506			4.00-	9.00	7.09
5.751	5.750	0.001	176	1302016			93.00-	101.00	97.72
5.751	5.750	0.001	177	86794			5.00-	9.00	6.67

Data File: efrb001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 23-APR-2013 11:14
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.76
75	30.00 - 66.00% of mass 95	55.63
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.68 (0.61)
174	50.00 - 120.00% of mass 95	111.05
175	4.00 - 9.00% of mass 174	7.88 (7.09)
176	93.00 - 101.00% of mass 174	108.52 (97.72)
177	5.00 - 9.00% of mass 176	7.23 (6.67)

Data File: efrb001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

Date: 23-APR-2013 11:14
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

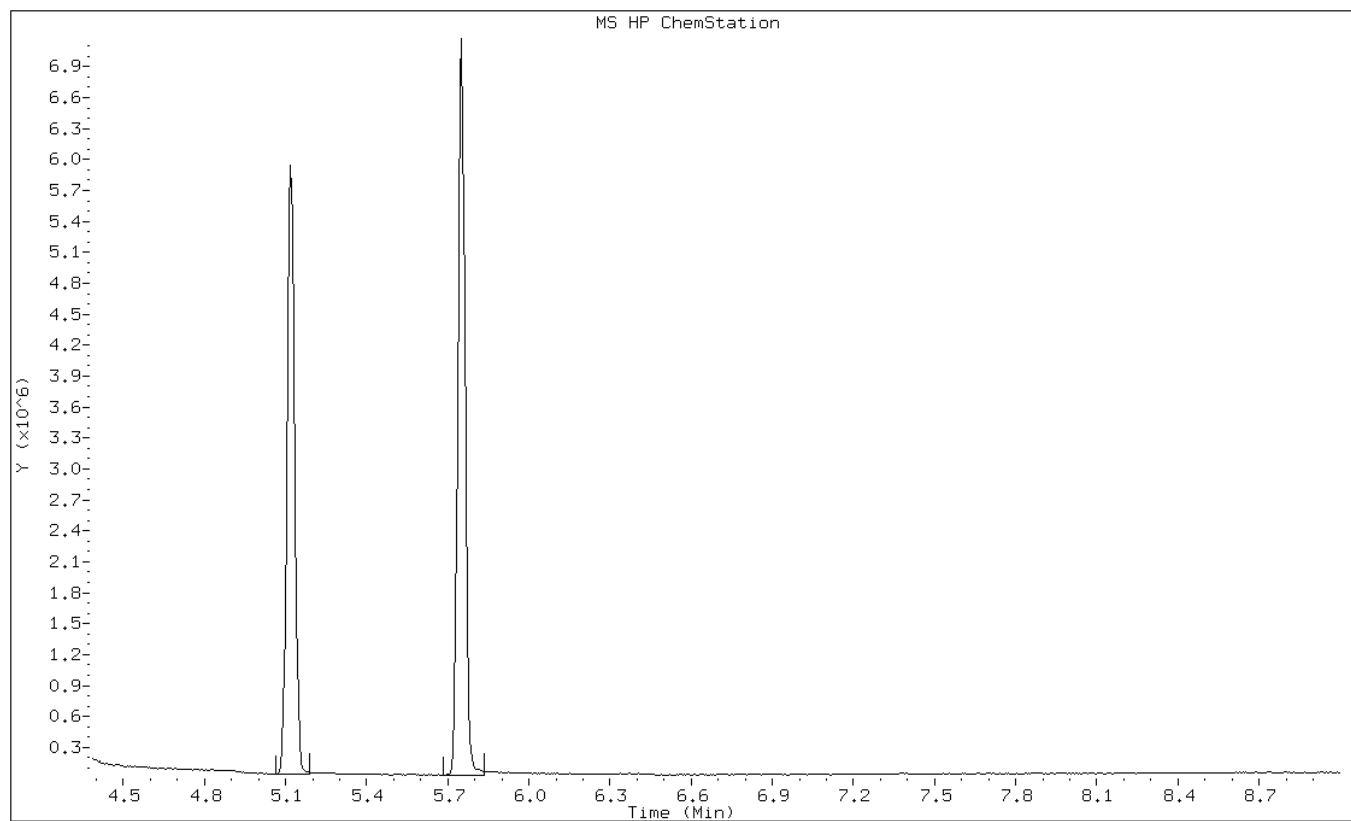
Data File: /chem/E.i/Esrv.p/efrbto15.b/efrb001.d
 Spectrum: Avg. Scans 255-257 (5.75), Background Scan 242
 Location of Maximum: 174.00
 Number of points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6460	81.00	43728	128.00	6200	177.00	86792
37.00	38312	82.00	11806	129.00	3266	178.00	2221
38.00	37296	83.00	811	130.00	5668	179.00	127
39.00	15328	84.00	210	131.00	2302	183.00	53
40.00	809	85.00	77	132.00	340	187.00	181
41.00	421	86.00	815	133.00	109	189.00	64
42.00	213	87.00	26584	134.00	128	190.00	34
43.00	430	88.00	27040	135.00	3633	191.00	11
44.00	5826	89.00	10	136.00	750	192.00	323
45.00	8177	90.00	177	137.00	3174	193.00	112
46.00	1076	91.00	4859	138.00	157	194.00	112
47.00	5909	92.00	39600	139.00	361	196.00	56
48.00	5253	93.00	64936	140.00	1202	201.00	61
49.00	40696	94.00	159680	141.00	23056	202.00	120
50.00	213056	95.00	1199616	142.00	1947	205.00	53
51.00	61736	96.00	77936	143.00	23744	207.00	1839
52.00	3316	97.00	2245	144.00	1452	208.00	872
53.00	710	99.00	209	145.00	3071	209.00	451
55.00	2417	102.00	192	146.00	2866	210.00	64
56.00	17360	103.00	613	147.00	1174	211.00	51
57.00	33728	104.00	7451	148.00	4213	212.00	126
58.00	1045	105.00	2283	149.00	1353	214.00	126
59.00	179	106.00	6279	150.00	2257	215.00	63
60.00	8530	107.00	1464	151.00	118	219.00	205
61.00	50920	108.00	392	152.00	1090	221.00	63
62.00	56256	109.00	268	153.00	1187	222.00	55
63.00	48232	110.00	875	154.00	1032	225.00	133
64.00	4859	111.00	1505	155.00	4857	226.00	82
65.00	4459	112.00	1323	156.00	793	232.00	232
66.00	716	113.00	1453	157.00	3185	235.00	70
67.00	2797	114.00	254	158.00	763	239.00	53
68.00	134592	115.00	1431	159.00	1936	241.00	71
69.00	134720	116.00	5907	160.00	50	246.00	98
70.00	9272	117.00	10982	161.00	2517	250.00	87
71.00	526	118.00	5657	162.00	145	251.00	220
72.00	5901	119.00	8839	165.00	193	252.00	219
73.00	52584	120.00	518	167.00	54	253.00	53
74.00	226304	121.00	75	170.00	158	254.00	16
75.00	667328	122.00	657	171.00	303	255.00	71
76.00	55672	123.00	667	172.00	6820	260.00	87
77.00	4686	124.00	825	173.00	8119	262.00	62
78.00	2680	125.00	848	174.00	1332224	263.00	51
79.00	44200	126.00	787	175.00	94504		

	80.00	13395		127.00	448		176.00	1302016		
+	-----+									

Data File: efrb001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 23-APR-2013 11:14
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54701/4
 Matrix: Air Lab File ID: efra004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/22/2013 11:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.020	U	0.020	0.020
74-83-9	Bromomethane	94.94	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.010	U	0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	76.53	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
110-54-3	n-Hexane	86.17	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
67-66-3	Chloroform	119.38	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
110-82-7	Cyclohexane	84.16	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.010	U	0.010	0.010
71-43-2	Benzene	78.11	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020
142-82-5	n-Heptane	100.21	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.010	U	0.010	0.010
108-88-3	Toluene	92.14	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54701/4
 Matrix: Air Lab File ID: efra004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/22/2013 11:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.010	U	0.010	0.010
95-47-6	o-Xylene	106.17	0.010	U	0.010	0.010
75-25-2	Bromoform	252.75	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.020	U	0.020	0.010
1330-20-7	Xylenes, Total	106.17	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54701/4
 Matrix: Air Lab File ID: efra004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/22/2013 11:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.049	U	0.049	0.049
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.070	U	0.070	0.070
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
106-99-0	1,3-Butadiene	54.09	0.044	U	0.044	0.044
74-83-9	Bromomethane	94.94	0.078	U	0.078	0.078
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.087	U	0.087	0.087
75-69-4	Trichlorofluoromethane	137.37	0.056	U	0.056	0.056
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.063	U	0.063	0.063
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
1634-04-4	Methyl tert-butyl ether	88.15	0.036	U	0.036	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.070	U	0.070	0.070
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.049	U	0.049	0.049
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
110-82-7	Cyclohexane	84.16	0.034	U	0.034	0.034
56-23-5	Carbon tetrachloride	153.81	0.063	U	0.063	0.063
540-84-1	2,2,4-Trimethylpentane	114.23	0.047	U	0.047	0.047
71-43-2	Benzene	78.11	0.032	U	0.032	0.032
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081
142-82-5	n-Heptane	100.21	0.041	U	0.041	0.041
79-01-6	Trichloroethene	131.39	0.054	U	0.054	0.054
78-87-5	1,2-Dichloropropane	112.99	0.092	U	0.092	0.092
75-27-4	Bromodichloromethane	163.83	0.067	U	0.067	0.067
10061-01-5	cis-1,3-Dichloropropene	110.97	0.045	U	0.045	0.045
108-88-3	Toluene	92.14	0.038	U	0.038	0.038
10061-02-6	trans-1,3-Dichloropropene	110.97	0.045	U	0.045	0.045
79-00-5	1,1,2-Trichloroethane	133.41	0.055	U	0.055	0.055
127-18-4	Tetrachloroethene	165.83	0.068	U	0.068	0.068
124-48-1	Dibromochloromethane	208.29	0.085	U	0.085	0.085
106-93-4	1,2-Dibromoethane	187.87	0.077	U	0.077	0.077

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54701/4
 Matrix: Air Lab File ID: efra004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/22/2013 11:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043
95-47-6	o-Xylene	106.17	0.043	U	0.043	0.043
75-25-2	Bromoform	252.75	0.10	U	0.10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.069	U	0.069	0.069
622-96-8	4-Ethyltoluene	120.20	0.049	U	0.049	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.098	U	0.098	0.098
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.087	U	0.087	0.043
1330-20-7	Xylenes, Total	106.17	0.043	U	0.043	0.043

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrato15.b/efra004.d
Lab Smp Id: mb
Inj Date : 22-APR-2013 11:55
Operator : wrd
Smp Info : mb
Misc Info : 500,1
Comment :
Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
Meth Date : 24-Apr-2013 08:25 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
QC Sample: BLANK
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85				Compound Not Detected.			
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.			
7 Vinyl chloride	62				Compound Not Detected.			
8 1,3-Butadiene	54				Compound Not Detected.			
9 Bromomethane	94				Compound Not Detected.			
10 Chloroethane	64				Compound Not Detected.			
12 Vinyl bromide	106				Compound Not Detected.			
13 Trichlorofluoromethane	101				Compound Not Detected.			
17 1,1,2-Trichloro-1,2,2-Trifluo	101				Compound Not Detected.			
19 1,1-Dichloroethene	96				Compound Not Detected.			
22 Allyl chloride	41				Compound Not Detected.			
25 Methylene chloride	49	7.368	7.358	(0.742)	1968	0.02534	0.025(a)	
27 1,2-Dichloroethene (trans)	61				Compound Not Detected.			
28 Methyl tert-butyl ether	73				Compound Not Detected.			

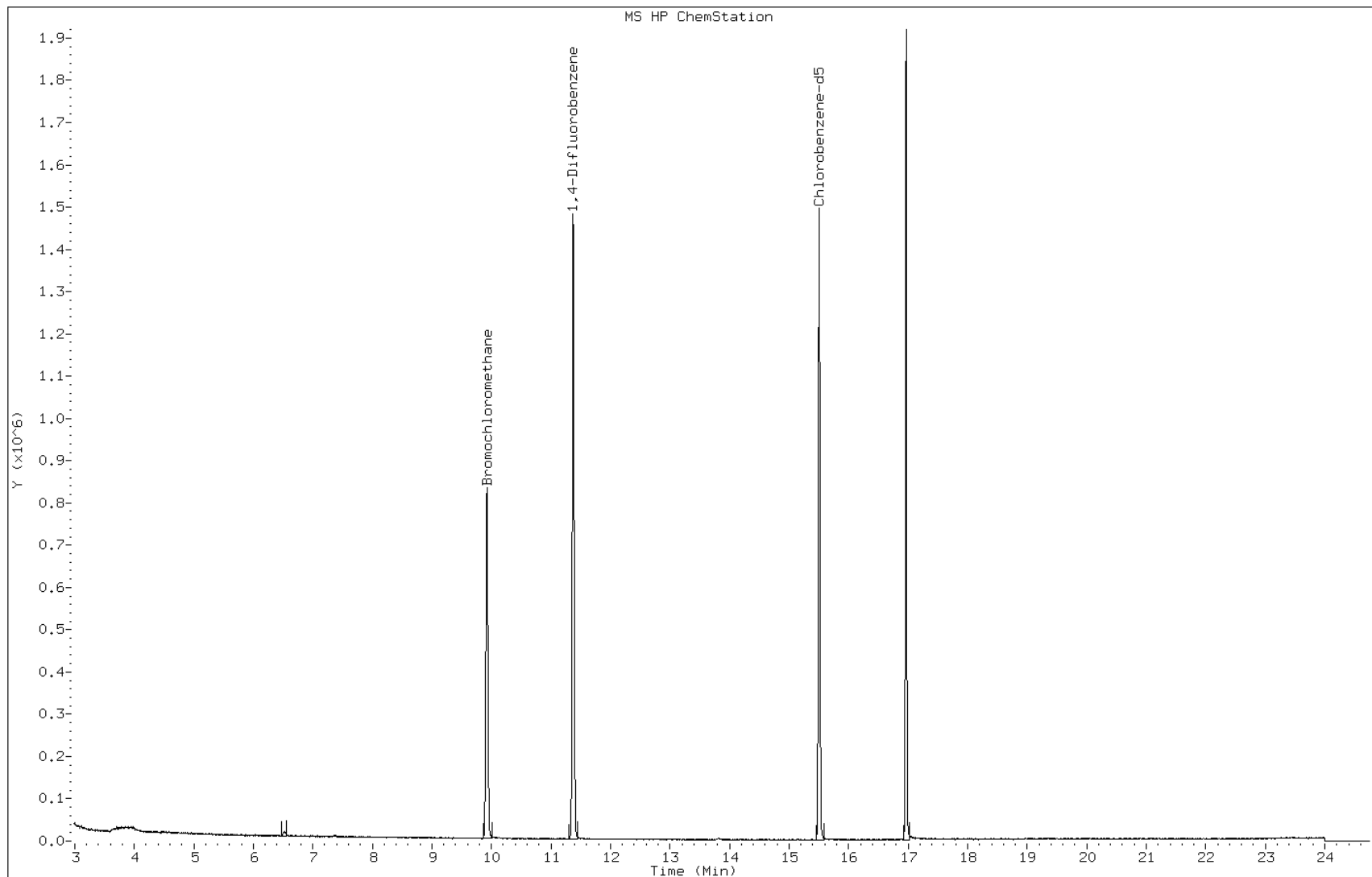
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	301692	2.00000	
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	11.370	11.375	(1.000)	1366936	2.00000	
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	938583	2.00000	
67 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylene, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
79 4-Ethyltoluene	105				Compound Not Detected.		
81 1,3,5-Trimethylbenzene	105				Compound Not Detected.		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: efra004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 22-APR-2013 11:55
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54733/6
 Matrix: Air Lab File ID: efrb006.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/23/2013 15:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.020	U	0.020	0.020
74-83-9	Bromomethane	94.94	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.010	U	0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	76.53	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
110-54-3	n-Hexane	86.17	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
67-66-3	Chloroform	119.38	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
110-82-7	Cyclohexane	84.16	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.010	U	0.010	0.010
71-43-2	Benzene	78.11	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020
142-82-5	n-Heptane	100.21	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.010	U	0.010	0.010
108-88-3	Toluene	92.14	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54733/6
 Matrix: Air Lab File ID: efrb006.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/23/2013 15:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.010	U	0.010	0.010
95-47-6	o-Xylene	106.17	0.010	U	0.010	0.010
75-25-2	Bromoform	252.75	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.020	U	0.020	0.010
1330-20-7	Xylenes, Total	106.17	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54733/6
 Matrix: Air Lab File ID: efrb006.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/23/2013 15:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.049	U	0.049	0.049
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.070	U	0.070	0.070
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
106-99-0	1,3-Butadiene	54.09	0.044	U	0.044	0.044
74-83-9	Bromomethane	94.94	0.078	U	0.078	0.078
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.087	U	0.087	0.087
75-69-4	Trichlorofluoromethane	137.37	0.056	U	0.056	0.056
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.063	U	0.063	0.063
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
1634-04-4	Methyl tert-butyl ether	88.15	0.036	U	0.036	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.070	U	0.070	0.070
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.049	U	0.049	0.049
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
110-82-7	Cyclohexane	84.16	0.034	U	0.034	0.034
56-23-5	Carbon tetrachloride	153.81	0.063	U	0.063	0.063
540-84-1	2,2,4-Trimethylpentane	114.23	0.047	U	0.047	0.047
71-43-2	Benzene	78.11	0.032	U	0.032	0.032
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081
142-82-5	n-Heptane	100.21	0.041	U	0.041	0.041
79-01-6	Trichloroethene	131.39	0.054	U	0.054	0.054
78-87-5	1,2-Dichloropropane	112.99	0.092	U	0.092	0.092
75-27-4	Bromodichloromethane	163.83	0.067	U	0.067	0.067
10061-01-5	cis-1,3-Dichloropropene	110.97	0.045	U	0.045	0.045
108-88-3	Toluene	92.14	0.038	U	0.038	0.038
10061-02-6	trans-1,3-Dichloropropene	110.97	0.045	U	0.045	0.045
79-00-5	1,1,2-Trichloroethane	133.41	0.055	U	0.055	0.055
127-18-4	Tetrachloroethene	165.83	0.068	U	0.068	0.068
124-48-1	Dibromochloromethane	208.29	0.085	U	0.085	0.085
106-93-4	1,2-Dibromoethane	187.87	0.077	U	0.077	0.077

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: MB 200-54733/6
 Matrix: Air Lab File ID: efrb006.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 04/23/2013 15:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043
95-47-6	o-Xylene	106.17	0.043	U	0.043	0.043
75-25-2	Bromoform	252.75	0.10	U	0.10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.069	U	0.069	0.069
622-96-8	4-Ethyltoluene	120.20	0.049	U	0.049	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.098	U	0.098	0.098
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.087	U	0.087	0.043
1330-20-7	Xylenes, Total	106.17	0.043	U	0.043	0.043

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrbto15.b/efrb006.d
Lab Smp Id: mb
Inj Date : 23-APR-2013 15:47
Operator : wrd
Smp Info : mb
Misc Info : 500,1
Comment :
Method : /chem/E.i/Esvr.p/efrbto15.b/to15ll3t.m
Meth Date : 24-Apr-2013 11:54 wrd
Cal Date : 21-APR-2013 21:08
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: efr014.d
QC Sample: BLANK
Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85				Compound Not Detected.			
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.			
7 Vinyl chloride	62				Compound Not Detected.			
8 1,3-Butadiene	54				Compound Not Detected.			
9 Bromomethane	94				Compound Not Detected.			
10 Chloroethane	64				Compound Not Detected.			
12 Vinyl bromide	106				Compound Not Detected.			
13 Trichlorofluoromethane	101				Compound Not Detected.			
17 1,1,2-Trichloro-1,2,2-Trifluo	101				Compound Not Detected.			
19 1,1-Dichloroethene	96				Compound Not Detected.			
22 Allyl chloride	41				Compound Not Detected.			
25 Methylene chloride	49	7.374	7.358	(0.743)	1937	0.02854	0.028(a)	
27 1,2-Dichloroethene (trans)	61				Compound Not Detected.			
28 Methyl tert-butyl ether	73				Compound Not Detected.			

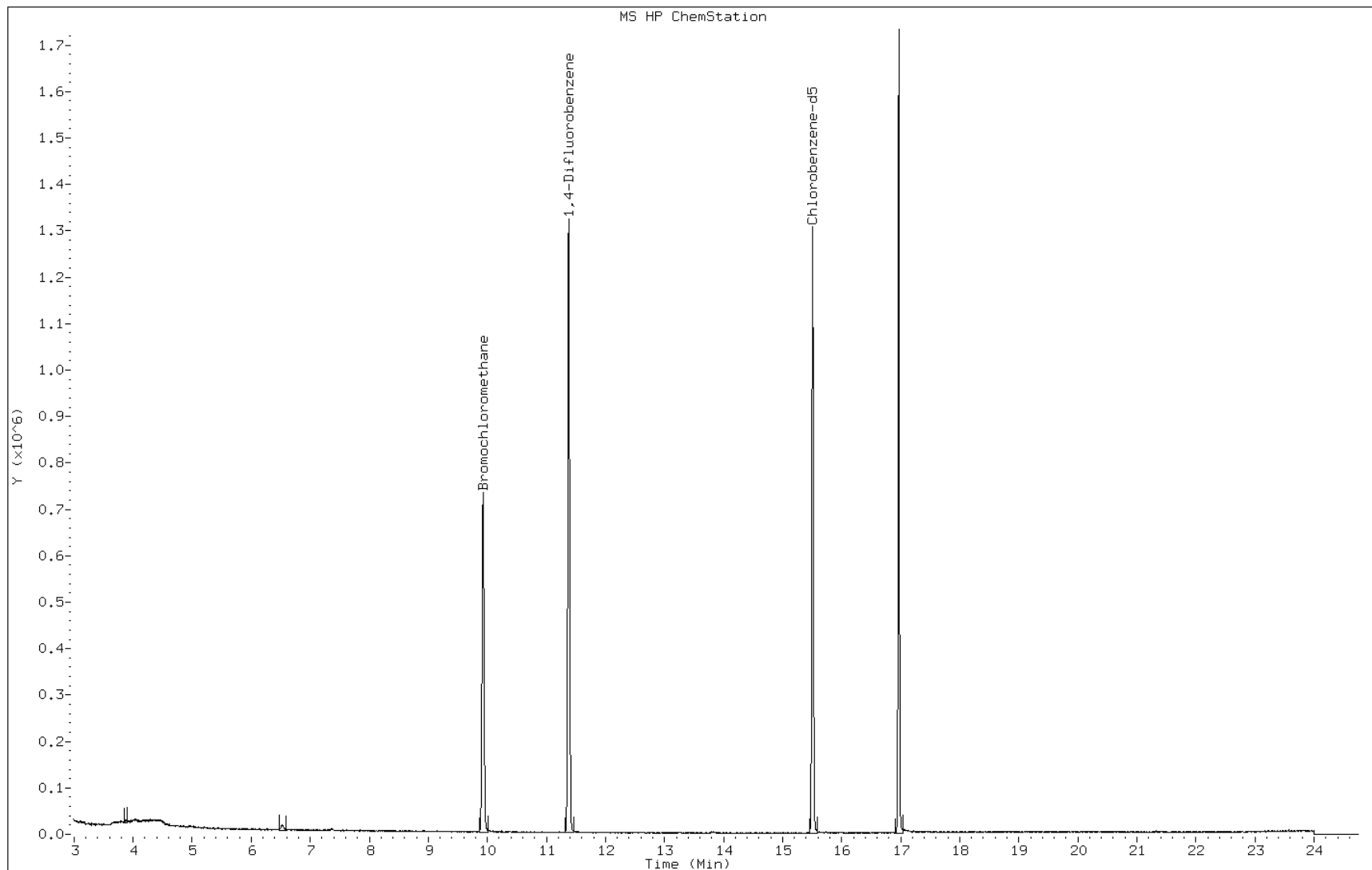
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
* 36 Bromochloromethane	128	9.925	9.925	(1.000)	263671	2.00000	
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	11.375	11.375	(1.000)	1207415	2.00000	
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	15.505	15.505	(1.000)	817591	2.00000	
67 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylene, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
75 1,1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
79 4-Ethyltoluene	105				Compound Not Detected.		
81 1,3,5-Trimethylbenzene	105				Compound Not Detected.		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: efrb006.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 23-APR-2013 15:47
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: LCS 200-54701/3
 Matrix: Air Lab File ID: efra003.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/22/2013 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.194		0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.217		0.010	0.010
75-01-4	Vinyl chloride	62.50	0.213		0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.206		0.020	0.020
74-83-9	Bromomethane	94.94	0.200		0.020	0.020
75-00-3	Chloroethane	64.52	0.212		0.020	0.020
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.231		0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.210		0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.259		0.010	0.010
107-05-1	3-Chloropropene	76.53	0.246		0.020	0.020
75-09-2	Methylene Chloride	84.93	0.284		0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.224		0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.234		0.010	0.010
110-54-3	n-Hexane	86.17	0.213		0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.230		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.241		0.010	0.010
67-66-3	Chloroform	119.38	0.219		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.219		0.010	0.010
110-82-7	Cyclohexane	84.16	0.215		0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.207		0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.213		0.010	0.010
71-43-2	Benzene	78.11	0.223		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.224		0.020	0.020
142-82-5	n-Heptane	100.21	0.226		0.010	0.010
79-01-6	Trichloroethene	131.39	0.228		0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.217		0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.211		0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.207		0.010	0.010
108-88-3	Toluene	92.14	0.210		0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.233		0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.194		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.208		0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.208		0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.212		0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Client Sample ID: _____ Lab Sample ID: LCS 200-54701/3
Matrix: Air Lab File ID: efra003.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 04/22/2013 11:01
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 54701 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.194		0.010	0.010
95-47-6	o-Xylene	106.17	0.197		0.010	0.010
75-25-2	Bromoform	252.75	0.201		0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.182		0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.208		0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.227		0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.475		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.359		0.020	0.010
1330-20-7	Xylenes, Total	106.17	0.556		0.010	0.010

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrato15.b/efra003.d
 Lab Smp Id: lcs
 Inj Date : 22-APR-2013 11:01
 Operator : wrd
 Smp Info : lcs
 Misc Info : 200,1
 Comment :
 Method : /chem/E.i/Esvr.p/efrato15.b/to15ll3t.m
 Meth Date : 24-Apr-2013 08:25 wrd
 Cal Date : 21-APR-2013 21:08
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: E.i
 Quant Type: ISTD
 Cal File: efr014.d
 QC Sample: LCS
 Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ppb v/vv) (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		3.169	3.169 (0.319)		76968	0.19391 0.19
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.399	3.399 (0.342)		72103	0.21656 0.22
7 Vinyl chloride	62		3.746	3.747 (0.377)		19978	0.21312 0.21
8 1,3-Butadiene	54		3.805	3.805 (0.383)		12268	0.20630 0.21
9 Bromomethane	94		4.410	4.415 (0.444)		27875	0.20042 0.20
10 Chloroethane	64		4.624	4.613 (0.466)		10151	0.21181 0.21
12 Vinyl bromide	106		4.993	4.988 (0.503)		27562	0.23107 0.23
13 Trichlorofluoromethane	101		5.100	5.095 (0.514)		93714	0.21042 0.21
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.223	6.213 (0.627)		49533	0.23181 0.23
19 1,1-Dichloroethene	96		6.288	6.282 (0.633)		15780	0.25919 0.26
22 Allyl chloride	41		7.079	7.079 (0.713)		8357	0.24553 0.24
25 Methylene chloride	49		7.368	7.358 (0.742)		21061	0.28366 0.28(R)
27 1,2-Dichloroethene (trans)	61		7.807	7.807 (0.787)		18664	0.23425 0.23
28 Methyl tert-butyl ether	73		7.764	7.769 (0.782)		16019	0.22365 0.22

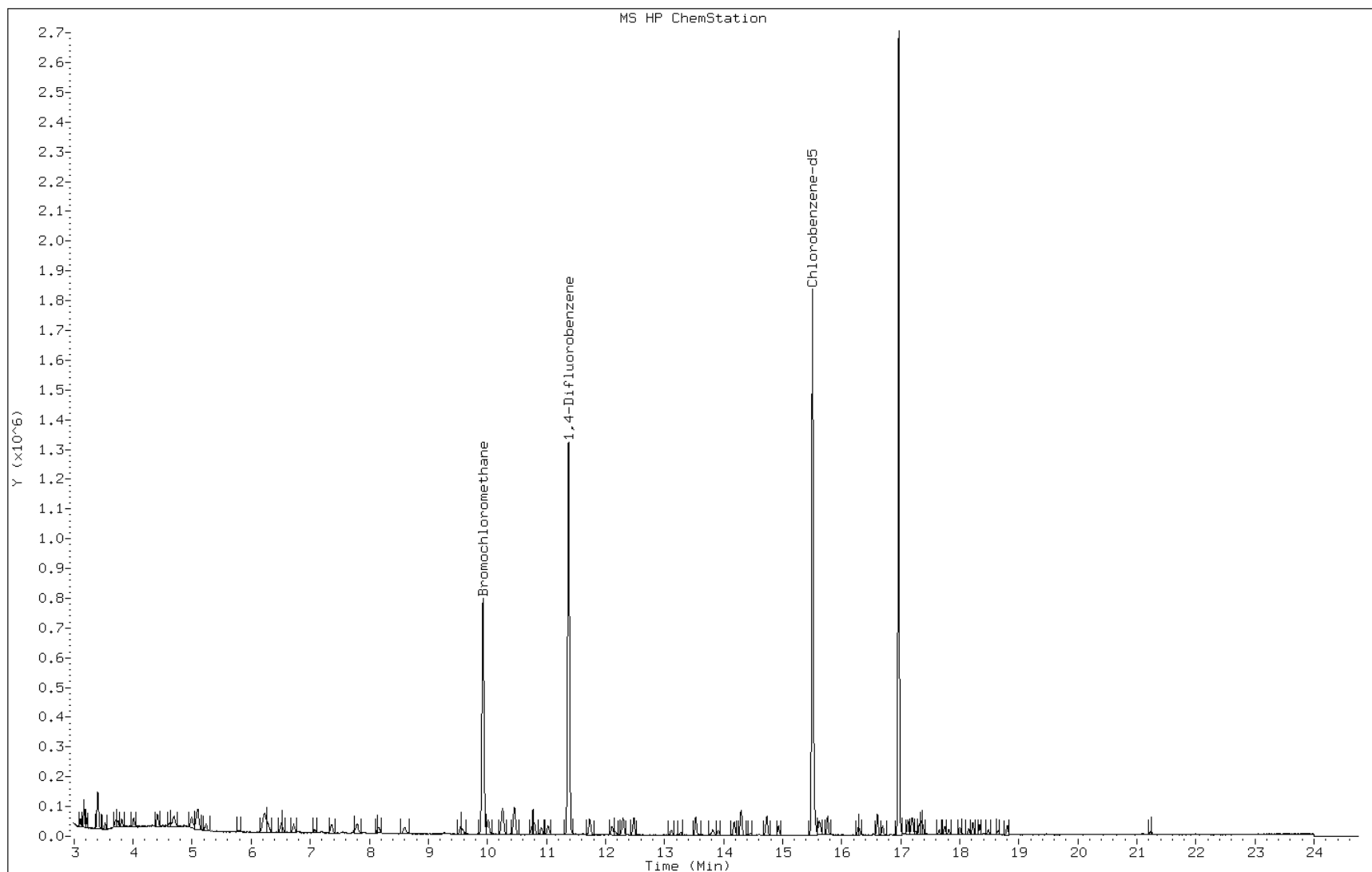
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ppb v/vv)	(ppb v/v)
=====	=====		==	=====	=====	=====	=====	=====
30 n-Hexane	57		8.155	8.149	(0.822)	10040	0.21339	0.21
31 1,1-Dichloroethane	63		8.593	8.593	(0.866)	25638	0.23017	0.23
M 33 1,2-Dichloroethene, Total	61					31063	0.47508	0.48
34 1,2-Dichloroethene (cis)	96		9.546	9.540	(0.962)	12399	0.24083	0.24
* 36 Bromochloromethane	128		9.925	9.925	(1.000)	288423	2.00000	
39 Chloroform	83		10.016	10.011	(1.009)	43881	0.21925	0.22
40 Cyclohexane	84		10.257	10.262	(0.902)	13520	0.21492	0.21
41 1,1,1-Trichloroethane	97		10.252	10.262	(0.901)	58627	0.21850	0.22
42 Carbon tetrachloride	117		10.460	10.460	(0.920)	78695	0.20707	0.21
43 2,2,4-Trimethylpentane	57		10.760	10.755	(0.946)	30358	0.21301	0.21
44 Benzene	78		10.797	10.803	(0.949)	35133	0.22281	0.22
45 1,2-Dichloroethane	62		10.915	10.920	(0.960)	25739	0.22365	0.22
46 n-Heptane	43		11.027	11.033	(0.969)	10673	0.22648	0.23
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1271711	2.00000	
49 Trichloroethene	95		11.734	11.739	(1.032)	19551	0.22794	0.23
50 1,2-Dichloropropane	63		12.103	12.108	(1.064)	9960	0.21680	0.22
54 Bromodichloromethane	83		12.477	12.477	(1.097)	42723	0.21066	0.21
55 1,3-Dichloropropene (cis)	75		13.108	13.108	(1.152)	10596	0.20682	0.21
58 Toluene	92		13.536	13.536	(0.873)	18091	0.21003	0.21
59 1,3-Dichloropropene (trans)	75		13.916	13.906	(1.223)	11598	0.23268	0.23
60 1,1,2-Trichloroethane	83		14.184	14.178	(0.915)	11881	0.19449	0.19
61 Tetrachloroethene	166		14.296	14.296	(0.922)	33316	0.20783	0.21
63 Dibromochloromethane	129		14.735	14.735	(0.950)	41460	0.20833	0.21
64 1,2-Dibromoethane	107		14.933	14.933	(0.963)	20953	0.21250	0.21
* 65 Chlorobenzene-d5	117		15.505	15.505	(1.000)	1154067	2.00000	
67 Ethylbenzene	91		15.617	15.618	(1.007)	33143	0.19424	0.19
69 Xylene (m,p)	106		15.767	15.762	(1.017)	22726	0.35880	0.36
M 70 Xylene, Total	106					30855	0.55555	0.56
71 Xylene (o)	106		16.281	16.286	(1.050)	8129	0.19675	0.20
73 Bromoform	173		16.602	16.602	(1.071)	35915	0.20122	0.20
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	20249	0.18229	0.18
79 4-Ethyltoluene	105		17.313	17.308	(1.117)	20705	0.20815	0.21
81 1,3,5-Trimethylbenzene	105		17.377	17.378	(1.121)	17125	0.22671	0.23

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: efra003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs
Lab Sample ID: lcs

Date: 22-APR-2013 11:01
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
 SDG No.: 200-15795
 Client Sample ID: _____ Lab Sample ID: LCS 200-54733/5
 Matrix: Air Lab File ID: efrb005.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/23/2013 14:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 54733 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.216		0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.237		0.010	0.010
75-01-4	Vinyl chloride	62.50	0.234		0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.212		0.020	0.020
74-83-9	Bromomethane	94.94	0.217		0.020	0.020
75-00-3	Chloroethane	64.52	0.225		0.020	0.020
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.240		0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.233		0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.228		0.010	0.010
107-05-1	3-Chloropropene	76.53	0.180		0.020	0.020
75-09-2	Methylene Chloride	84.93	0.251		0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.174		0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.207		0.010	0.010
110-54-3	n-Hexane	86.17	0.189		0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.206		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.196		0.010	0.010
67-66-3	Chloroform	119.38	0.209		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.217		0.010	0.010
110-82-7	Cyclohexane	84.16	0.189		0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.205		0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.188		0.010	0.010
71-43-2	Benzene	78.11	0.203		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.212		0.020	0.020
142-82-5	n-Heptane	100.21	0.176		0.010	0.010
79-01-6	Trichloroethene	131.39	0.204		0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.205		0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.210		0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.177		0.010	0.010
108-88-3	Toluene	92.14	0.172		0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.190		0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.181		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.197		0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.206		0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.200		0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15795-1
SDG No.: 200-15795
Client Sample ID: _____ Lab Sample ID: LCS 200-54733/5
Matrix: Air Lab File ID: efrb005.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 04/23/2013 14:52
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 54733 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.143		0.010	0.010
95-47-6	o-Xylene	106.17	0.134		0.010	0.010
75-25-2	Bromoform	252.75	0.175		0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.143		0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.126		0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.135		0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.403		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.244		0.020	0.010
1330-20-7	Xylenes, Total	106.17	0.378		0.010	0.010

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/efrbto15.b/efrb005.d
 Lab Smp Id: lcs 485965
 Inj Date : 23-APR-2013 14:52
 Operator : wrd
 Smp Info : lcs 485965
 Misc Info : 200,1
 Comment :
 Method : /chem/E.i/Esvr.p/efrbto15.b/to15ll3t.m
 Meth Date : 24-Apr-2013 11:54 wrd
 Cal Date : 21-APR-2013 21:08
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: E.i
 Quant Type: ISTD
 Cal File: efr014.d
 QC Sample: LCS
 Compound Sublist: T015LL.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	70851	0.21588	0.22	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.343)	65215	0.23689	0.24	
7 Vinyl chloride	62	3.741	3.747	(0.377)	18121	0.23380	0.23	
8 1,3-Butadiene	54	3.811	3.805	(0.384)	10434	0.21221	0.21	
9 Bromomethane	94	4.415	4.415	(0.445)	24999	0.21739	0.22	
10 Chloroethane	64	4.629	4.613	(0.466)	8921	0.22514	0.22	
12 Vinyl bromide	106	4.993	4.988	(0.503)	23629	0.23958	0.24	
13 Trichlorofluoromethane	101	5.094	5.095	(0.513)	85895	0.23326	0.23	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.213	6.213	(0.626)	40669	0.23019	0.23	
19 1,1-Dichloroethene	96	6.282	6.282	(0.633)	11499	0.22844	0.23	
22 Allyl chloride	41	7.085	7.079	(0.713)	5068	0.18008	0.18	
25 Methylene chloride	49	7.368	7.358	(0.742)	15379	0.25051	0.25	
27 1,2-Dichloroethene (trans)	61	7.807	7.807	(0.786)	13609	0.20658	0.21	
28 Methyl tert-butyl ether	73	7.764	7.769	(0.782)	10283	0.17364	0.17	

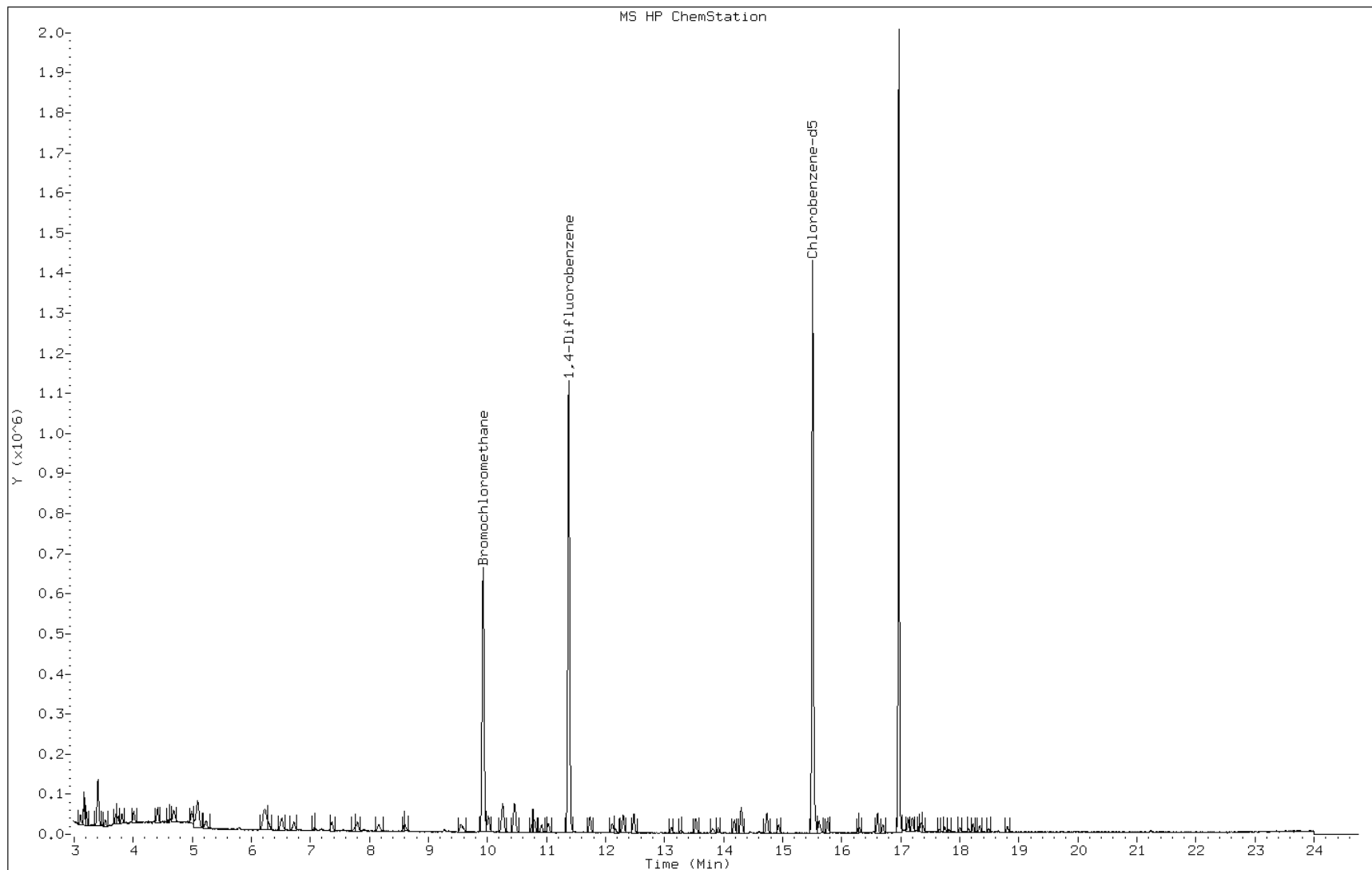
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ppb v/vv)	(ppb v/v)
=====	=====		==	=====	=====	=====	=====	=====
30 n-Hexane	57		8.160	8.149	(0.822)	7368	0.18940	0.19
31 1,1-Dichloroethane	63		8.599	8.593	(0.866)	19011	0.20642	0.21
M 33 1,2-Dichloroethene, Total	61					21961	0.40278	0.40
34 1,2-Dichloroethene (cis)	96		9.551	9.540	(0.962)	8352	0.19620	0.20
* 36 Bromochloromethane	128		9.931	9.925	(1.000)	238475	2.00000	
39 Chloroform	83		10.016	10.011	(1.009)	34632	0.20928	0.21
40 Cyclohexane	84		10.262	10.262	(0.902)	9774	0.18891	0.19
41 1,1,1-Trichloroethane	97		10.262	10.262	(0.902)	47995	0.21749	0.22
42 Carbon tetrachloride	117		10.460	10.460	(0.920)	64084	0.20503	0.20
43 2,2,4-Trimethylpentane	57		10.754	10.755	(0.945)	21995	0.18765	0.19
44 Benzene	78		10.803	10.803	(0.950)	26324	0.20298	0.20
45 1,2-Dichloroethane	62		10.915	10.920	(0.960)	20027	0.21159	0.21
46 n-Heptane	43		11.033	11.033	(0.970)	6813	0.17578	0.18
* 47 1,4-Difluorobenzene	114		11.375	11.375	(1.000)	1045922	2.00000	
49 Trichloroethene	95		11.739	11.739	(1.032)	14366	0.20365	0.20
50 1,2-Dichloropropane	63		12.108	12.108	(1.064)	7758	0.20532	0.20
54 Bromodichloromethane	83		12.482	12.477	(1.097)	35097	0.21042	0.21
55 1,3-Dichloropropene (cis)	75		13.114	13.108	(1.153)	7459	0.17702	0.18
58 Toluene	92		13.536	13.536	(0.873)	11556	0.17203	0.17
59 1,3-Dichloropropene (trans)	75		13.911	13.906	(1.223)	7786	0.18992	0.19
60 1,1,2-Trichloroethane	83		14.178	14.178	(0.914)	8608	0.18069	0.18
61 Tetrachloroethene	166		14.301	14.296	(0.922)	24572	0.19655	0.20
63 Dibromochloromethane	129		14.740	14.735	(0.950)	31939	0.20580	0.20
64 1,2-Dibromoethane	107		14.938	14.933	(0.963)	15370	0.19988	0.20
* 65 Chlorobenzene-d5	117		15.510	15.505	(1.000)	900010	2.00000	
67 Ethylbenzene	91		15.617	15.618	(1.007)	19011	0.14287	0.14
69 Xylene (m,p)	106		15.767	15.762	(1.017)	12055	0.24405	0.24(R)
M 70 Xylene, Total	106					16364	0.37778	0.38(R)
71 Xylene (o)	106		16.281	16.286	(1.050)	4309	0.13373	0.13(QR)
73 Bromoform	173		16.602	16.602	(1.070)	24319	0.17471	0.17
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	12384	0.14296	0.14
79 4-Ethyltoluene	105		17.313	17.308	(1.116)	9812	0.12649	0.13(R)
81 1,3,5-Trimethylbenzene	105		17.383	17.378	(1.121)	7969	0.13528	0.14(R)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: efrb005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 485965
Lab Sample ID: lcs 485965

Date: 23-APR-2013 14:52
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



GC/MS INSTRUMENT RUN LOG

#34649

Sequence		Standard Traceability		Instrument Information	
Batch ID: EFR	Start Date: 4/21/13	Time: 07:27	STD Lot #: 248059	Instrument ID: E	
Test Method: 7015-LL	End Date: 4/22/13	Time: 07:27	CAL STD Lot # see comments	Instrument: 5973	
CAL Date:			ICV/LCS Lot # see comments	Column Type: RTX-624	
Manager	Analyst	Analyst	Analyst	Analyst	
Name/Initial					
Signature					

Sequence Information				Individual Sample Review					Comments / Standard Traceability		
Injection Time	TALS ID / File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.		Result Conc.	Primary Anal.
0927	EPR001		BFR	NA			WNO	NA	NA	WNO	
1016	02	4983	V1BLK	1	6	500	1	1	1	1	
1110	03	1	V1BLK	1	6	1	1	1	1	1	
1203	04		V1BLK	1	6	1	1	1	1	1	
1259	05	5456	IC 001		2	100			✓		485960
1359	06		DC 002		2	200			✓		I
1445	07	1	DC 003		2	400			✓		
1539	08	5407	DC 004		3	100			✓		485959
1634	09	1	DC 005		3	200			✓		I
1728	10		DC 006		3	500			✓		
1822	11	5418	DC 007		4	25			✓		485958
1918	12	1	DC 008		4	100			✓		1
2013	13		DC 009		4	150			✓		
2108	14	1	DC 0010		4	200			✓		
2202	15	4983	V1BLK		6	500		1	NA		
2357	16	5420	ICV		5	200		✓	✓		485967
2357	17	5423	LCS		7	200		✓	✓		485966
0045	18	4983	MB	1	6	500	1	✓	✓	1	
4/22/23											

4/22/13

Legend: C=Complete R=Reanalyze ↑ = High ↓ = Low ✓ = Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

#84701

Sequence				Standard Traceability				Instrument Information	
Batch ID: EFRA		Start Date: 4/22/13		Time: 0917		ISTD Lot #: 248059		Instrument ID: E	
Test Method: TQISLL		End Date: 4/23/13		Time: 0917		CAL STD Lot #: 489485959		Instrument: 5973	
ICAL Date: #54649						ICV/LCS Lot #: 485967		Column Type: RTX-624	
Manager		Analyst		Analyst		Analyst		Analyst	
Name/Initial									
Signature									
Sequence Information									
Injection Time	TALS ID / File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review	Comments / Standard Traceability
0917	EFRA 001	1A	BFB	1A	14	14	UNO	14	WRD
1005	02	5427	CAV15	1	3	200		14	
1101	03	5420	LC3	1	5	200			
1155	04	4983	MB	1	6	500			
1250	05	3620	15264-1	1.25	8	400			
1345	06	2681	-2	1	9	500			
1440	07	3559	-3	1	10				
1534	08	3477	-4	1	11				
1629	09	3012	-5	1	12				
1724	10	339	-6	1	13				
1818	11	3549	-7	1	14				
1913	12	3662	-8	1	15				
2007	13	2594	-9	1.25	16	400			
2101	14	3627	-10	2	1	250			
2155	15	4875	-11	6.02	2	83			
2250	16	2986	-12	1.42	3	350			
2345	17	3421	-13	2	4	250			
0040	18	3767	-14	1	5	500			
0135	19	3137	-15	1	6	500			
0230	20	2726	-16	1	7	500			
0324	21	3612	-17	1	8	500			
0419	22	3662	-18	4	9	125			
0514	23	4360	15945-1	4	10	125			
0609	24	3585	-19	1	11				
0703	25	8333	-20	1	12				
0758	26	4371	-21	1	13				
0853	27	2828	-22	1	14				

Legend: C=Complete R=Reanalyze ↑ = High ↓ = Low ✓ = Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

254733

Sequence		Standard Traceability				Instrument Information					
Batch ID:	Start Date:	Time:	ISTD Lot #:	Time:	Instrument ID:						
Test Method:	End Date:	Time:	CAL STD Lot #	Time:	Instrument:						
ICAL Date:			ICV/LCS Lot #		Column Type:						
254733	5/23/13	11:4	248059								
254733	5/23/13	11:4	485959								
254733	5/23/13	11:4	485965								
Sequence Information											
Injection Time	TALS ID / File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
11:4	254733	5427	5427	1	2	200	WRD	NA	NA	WRD	
12:08	02	5420	5420	1	3	1					
13:03	03	5420	5420	1	2	200					
13:58	04	5427	5427	1	3	1					
14:52	05	5419	5419	1	4	500					
15:47	06	4483	4483	1	5	100					CAF90 C
16:43	07	3333	3333	45	6	250					CAF2.0 C
17:39	08	3397	3397	4	7	125					
18:35	09	2687	2687	4	8	1					
19:29	10	4576	4576	1	9	125					
20:24	11	5078	5078	4	10	1					
21:18	12	4272	4272	1	11	1					
22:13	13	3308	3308	1	12	250					CAF2.0 TALL 2.0 C
23:09	14	2553	2553	1	13	125					
24:04	15	3341	3341	4	14	1					
25:05	16	4160	4160	1	15	125					
26:53	17	2952	2952	4	16	125					
28:47	18	2642	2642	4	1	1					
30:42	19	4280	4280	1	2	125					
32:46	20	4813	4813	4	3	125					
34:31	21	4372	4372	4	4	125					
36:27	22	4812	4812	4	5	125					
38:22	23	2951	2951	4	6	125					
40:17	24	3759	3759	4	7	1					
42:12	25	5408	5408	4	8	1					
44:08	26	5146	5146	4	12	83					
46:04	27	5078	5078	120	12	83					

Legend: C=Complete R=Reanalyze ↑ = High ↓ = Low ✓ = Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-15795-1SDG No.: 200-15795Instrument ID: E.iStart Date: 04/21/2013 09:27Analysis Batch Number: 54649End Date: 04/22/2013 00:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-54649/1		04/21/2013 09:27	1	efr001.d	RTX-624 0.32 (mm)
VIBLK 200-54649/2		04/21/2013 10:16	1		RTX-624 0.32 (mm)
VIBLK 200-54649/3		04/21/2013 11:10	1		RTX-624 0.32 (mm)
VIBLK 200-54649/4		04/21/2013 12:03	1		RTX-624 0.32 (mm)
IC 200-54649/5		04/21/2013 12:57	1	efr005.d	RTX-624 0.32 (mm)
IC 200-54649/6		04/21/2013 13:51	1	efr006.d	RTX-624 0.32 (mm)
IC 200-54649/7		04/21/2013 14:45	1	efr007.d	RTX-624 0.32 (mm)
IC 200-54649/8		04/21/2013 15:39	1	efr008.d	RTX-624 0.32 (mm)
ICIS 200-54649/9		04/21/2013 16:34	1	efr009.d	RTX-624 0.32 (mm)
IC 200-54649/10		04/21/2013 17:28	1	efr010.d	RTX-624 0.32 (mm)
IC 200-54649/11		04/21/2013 18:22	1	efr011.d	RTX-624 0.32 (mm)
IC 200-54649/12		04/21/2013 19:18	1	efr012.d	RTX-624 0.32 (mm)
IC 200-54649/13		04/21/2013 20:13	1	efr013.d	RTX-624 0.32 (mm)
IC 200-54649/14		04/21/2013 21:08	1	efr014.d	RTX-624 0.32 (mm)
VIBLK 200-54649/15		04/21/2013 22:02	1		RTX-624 0.32 (mm)
ICV 200-54649/16		04/21/2013 22:57	1	efr016.d	RTX-624 0.32 (mm)
ZZZZZ		04/21/2013 23:51	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 00:45	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-15795-1SDG No.: 200-15795Instrument ID: E.iStart Date: 04/22/2013 09:17Analysis Batch Number: 54701End Date: 04/23/2013 08:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-54701/1		04/22/2013 09:17	1	efra001.d	RTX-624 0.32 (mm)
CCVIS 200-54701/2		04/22/2013 10:05	1	efra002.d	RTX-624 0.32 (mm)
LCS 200-54701/3		04/22/2013 11:01	1	efra003.d	RTX-624 0.32 (mm)
MB 200-54701/4		04/22/2013 11:55	1	efra004.d	RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 12:50	1.25		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 13:45	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 14:40	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 15:34	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 16:29	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 17:24	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 18:18	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 19:13	1		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 20:07	1.25		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 21:01	2		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 21:55	6.02		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 22:50	1.42		RTX-624 0.32 (mm)
ZZZZZ		04/22/2013 23:45	2		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 00:40	1		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 01:35	1		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 02:30	1		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 03:24	1		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 04:19	4		RTX-624 0.32 (mm)
200-15795-1	1-IA1-032813	04/23/2013 05:14	4	efra023.d	RTX-624 0.32 (mm)
200-15795-2	1-IA2-032813	04/23/2013 06:09	4	efra024.d	RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 07:03	4		RTX-624 0.32 (mm)
200-15795-4	1-IA4-032813	04/23/2013 07:58	4	efra026.d	RTX-624 0.32 (mm)
200-15795-5	1-AA1-032813	04/23/2013 08:53	4	efra027.d	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-15795-1SDG No.: 200-15795Instrument ID: E.iStart Date: 04/23/2013 11:14Analysis Batch Number: 54733End Date: 04/24/2013 11:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-54733/1		04/23/2013 11:14	1	efrb001.d	RTX-624 0.32 (mm)
CCVIS 200-54733/2		04/23/2013 12:08	1		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 13:03	1		RTX-624 0.32 (mm)
CCVIS 200-54733/4		04/23/2013 13:58	1	efrb004.d	RTX-624 0.32 (mm)
LCS 200-54733/5		04/23/2013 14:52	1	efrb005.d	RTX-624 0.32 (mm)
MB 200-54733/6		04/23/2013 15:47	1	efrb006.d	RTX-624 0.32 (mm)
200-15795-3	1-IA3-032813	04/23/2013 16:43	45	efrb007.d	RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 17:39	4		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 18:35	4		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 19:29	4		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 20:24	4		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 21:18	4		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 22:13	4		RTX-624 0.32 (mm)
ZZZZZ		04/23/2013 23:09	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 00:04	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 00:59	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 01:53	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 02:48	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 03:42	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 04:36	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 05:31	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 06:27	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 07:22	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 08:17	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 09:12	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 10:08	4		RTX-624 0.32 (mm)
ZZZZZ		04/24/2013 11:04	12		RTX-624 0.32 (mm)

Client ID	TALS Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
613001	15705	4/1/85	1615	29.3	32.1	6-8	CAF

If damage observed, list equipment IDs and describe condition:

[illegible]

³ Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

53/43

Summa Canister Dilution Worksheet

Client: O'Brien & Gere Inc of North America

TestAmerica Job ID: 200-15795-1

Client: 200-15795

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-15795-3	6	-2.0	0.93	5.60	34.7	3.36	20.16	3.60	3.60	04/23/13 15:25	Desjardins, William R
200-15795-3	6	0	1.00	6.00	22	2.50	14.98	2.50	9.00	04/23/13 15:27	Desjardins, William R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Vol = Volume of SUMMA canister at atmospheric pressure

Pre-Shipment Clean Canister Certification Report

Certification Type: ☐ Batch ☒ Individual

Canister Cleaning & Pre-Shipment Leak Test									
System ID		# Cycles	Cleaning Date		Technician	Canister Size			
TOP		15	3/17/13		SM	☒ 6L ☐ 1L ☐ 3L			
Leak Test									
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Initial Reading		Final Reading	
1	3485	30.1	29.4	29.4	0.0	Gauge ID: 68	Gauge ID: 68		
2	4371					Date: 3/18/13	Date: 3/26/13		
3	3706					Time: 0915	Time: 0910		
4	4360					Tech: NEA	Tech: C		
5	2851					BP: 30.1 ("Hg)	BP: 29.4 ("Hg)		
6	2637					Temp: 21 (°C)	Temp: 21 (°C)		
7	2878					³ Acceptance Criteria: (1) The difference must be less than or equal to + 0.5 (2) Pressure readings must be at least 24 hours apart. If time frame was not met, the PM must authorize shipment of canister.			
8	4571					PM Authorization:			
9	3232								
10	3036								
11	3333								
12	4072					Signature		Date	

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory											
Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15					Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst		1	2	3	4	Limited	Review Date	Reviewer
3485	3/25/13	WAEX	PAD			✓				04/03/13	JPD
4371						✓					
3706						✓					
4360						✓					
2851	3/20/13	WAZAA	AHL			✓					
2637			WRD			✓					
2878						✓					
4571						✓					
3232						✓					
3036						✓					
3333						✓					
4072						✓					

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Please Cert ALL Routine 1.04 ppbv
 1-4: 1,2,4-TCB 34.6%, naphthalene 39.1% & drift in CCV
 5-12: 1,2,4-TCB 31.9%, naphthalene 30.1% & drift in CCV

BR-FAI023:10:19:09:7 TestAmerica	 200-15554-A-2 4371 Location: Air Storage Bottle: Summa Canister 6L Sampled: 3/17/2013 12:00 AM 200-471769	Loc: 200 15554 #2 A
-------------------------------------	--	---



200-15554-A-1

3485
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471768

Loc: 200
15554
#1
A



200-15554-A-12

4072
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471779

Loc: 200
15554
#12
A



200-15554-A-3

3706
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471770

Loc: 200
15554
#3
A



200-15554-A-4

4360
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471771

Loc: 200
15554
#4
A



200-15554-A-5

2851
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471772

Loc: 200
15554
#5
A



200-15554-A-6

2637
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471773

Loc: 200
15554
#6
A



200-15554-A-7

2878
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471774

Loc: 200
15554
#7
A



200-15554-A-8

4571
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471775

Loc: 200
15554
#8
A



200-15554-A-9

3232
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471776

Loc: 200
15554
#9
A



200-15554-A-10

3026
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471777

Loc: 200
15554
#10
A



200-15554-A-11

2233
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2013 12:00 AM 200-471778

Loc: 200
15554
#11
A

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: waex04.d
 Lab ID: LCS 200-53386/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	14.3	143	70-130	*
Dichlorodifluoromethane	10.0	10.9	109	70-130	
Freon 22	10.0	13.5	135	70-130	*
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70-130	
Chloromethane	10.0	14.1	141	70-130	*
n-Butane	10.0	14.2	142	70-130	*
Vinyl chloride	10.0	12.0	120	70-130	
1,3-Butadiene	10.0	13.6	136	70-130	*
Bromomethane	10.0	10.7	107	70-130	
Chloroethane	10.0	12.0	120	70-130	
Bromoethene (Vinyl Bromide)	10.0	9.95	99	70-130	
Trichlorofluoromethane	10.0	9.57	96	70-130	
Ethanol	15.0	22.2	148	70-130	*
Freon TF	10.0	11.1	111	70-130	
1,1-Dichloroethene	10.0	11.2	112	70-130	
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	13.9	139	70-130	*
Carbon disulfide	10.0	11.0	110	70-130	
3-Chloropropene	10.0	14.9	149	70-130	*
Methylene Chloride	10.0	14.9	149	70-130	*
tert-Butyl alcohol	10.0	11.3	113	70-130	
Methyl tert-butyl ether	10.0	10.7	107	70-130	
trans-1,2-Dichloroethene	10.0	12.2	122	70-130	
n-Hexane	10.0	12.9	129	70-130	
1,1-Dichloroethane	10.0	11.9	119	70-130	
Vinyl acetate	10.0	14.9	149	70-130	*
Ethyl acetate	10.0	10.3	103	70-130	
Methyl Ethyl Ketone	10.0	11.5	115	70-130	
cis-1,2-Dichloroethene	10.0	10.3	103	70-130	
Chloroform	10.0	10.2	102	70-130	
Tetrahydrofuran	10.0	15.5	155	70-130	*
1,1,1-Trichloroethane	10.0	9.77	98	70-130	
Cyclohexane	10.0	10.8	108	70-130	
Carbon tetrachloride	10.0	9.33	93	70-130	
2,2,4-Trimethylpentane	10.0	12.8	128	70-130	
Benzene	10.0	10.6	106	70-130	
1,2-Dichloroethane	10.0	10.7	107	70-130	
n-Heptane	10.0	14.4	144	70-130	*
Trichloroethene	10.0	9.14	91	70-130	
Methyl methacrylate	10.0	11.6	116	70-130	
1,2-Dichloropropane	10.0	11.8	118	70-130	
1,4-Dioxane	10.0	9.07	91	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: waex04.d
 Lab ID: LCS 200-53386/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.9	109	70-130	
cis-1,3-Dichloropropene	10.0	10.5	105	70-130	
methyl isobutyl ketone	10.0	14.6	146	70-130	*
Toluene	10.0	9.98	100	70-130	
trans-1,3-Dichloropropene	10.0	10.1	101	70-130	
1,1,2-Trichloroethane	10.0	10.2	102	70-130	
Tetrachloroethene	10.0	8.21	82	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	14.3	143	70-130	*
Dibromochloromethane	10.0	10.4	104	70-130	
1,2-Dibromoethane	10.0	9.60	96	70-130	
Chlorobenzene	10.0	9.26	93	70-130	
Ethylbenzene	10.0	9.94	99	70-130	
m,p-Xylene	20.0	19.7	98	70-130	
Xylene, o-	10.0	9.37	94	70-130	
Styrene	10.0	10.0	100	70-130	
Bromoform	10.0	10.5	105	70-130	
Cumene	10.0	9.53	95	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	70-130	
n-Propylbenzene	10.0	10.2	102	70-130	
4-Ethyltoluene	10.0	9.77	98	70-130	
1,3,5-Trimethylbenzene	10.0	9.04	90	70-130	
2-Chlorotoluene	10.0	10.1	101	70-130	
tert-Butylbenzene	10.0	9.05	90	70-130	
1,2,4-Trimethylbenzene	10.0	8.84	88	70-130	
sec-Butylbenzene	10.0	9.50	95	70-130	
4-Isopropyltoluene	10.0	9.15	92	70-130	
1,3-Dichlorobenzene	10.0	8.05	80	70-130	
1,4-Dichlorobenzene	10.0	7.89	79	70-130	
Benzyl chloride	10.0	9.62	96	70-130	
n-Butylbenzene	10.0	10.3	103	70-130	
1,2-Dichlorobenzene	10.0	7.74	77	70-130	
1,2,4-Trichlorobenzene	10.0	7.23	72	70-130	
Hexachlorobutadiene	10.0	8.37	84	70-130	
Naphthalene	10.0	7.78	78	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Matrix: Air Level: Low Lab File ID: waeaa03.d
Lab ID: LCS 200-53566/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	14.1	141	70-130	*
Dichlorodifluoromethane	10.0	10.9	109	70-130	
Freon 22	10.0	13.3	133	70-130	*
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70-130	
Chloromethane	10.0	14.0	140	70-130	*
n-Butane	10.0	14.2	142	70-130	*
Vinyl chloride	10.0	11.8	118	70-130	
1,3-Butadiene	10.0	13.3	133	70-130	*
Bromomethane	10.0	10.6	106	70-130	
Chloroethane	10.0	12.1	121	70-130	
Bromoethene (Vinyl Bromide)	10.0	10.3	103	70-130	
Trichlorofluoromethane	10.0	9.77	98	70-130	
Ethanol	15.0	23.1	154	70-130	*
Freon TF	10.0	11.4	114	70-130	
1,1-Dichloroethene	10.0	11.5	115	70-130	
Acetone	10.0	13.2	132	70-130	*
Isopropyl alcohol	10.0	13.9	139	70-130	*
Carbon disulfide	10.0	11.2	112	70-130	
3-Chloropropene	10.0	14.8	148	70-130	*
Methylene Chloride	10.0	14.8	148	70-130	*
tert-Butyl alcohol	10.0	11.6	116	70-130	
Methyl tert-butyl ether	10.0	10.9	109	70-130	
trans-1,2-Dichloroethene	10.0	12.2	122	70-130	
n-Hexane	10.0	12.9	129	70-130	
1,1-Dichloroethane	10.0	12.1	121	70-130	
Vinyl acetate	10.0	14.7	147	70-130	*
Ethyl acetate	10.0	10.8	108	70-130	
Methyl Ethyl Ketone	10.0	11.7	117	70-130	
cis-1,2-Dichloroethene	10.0	10.6	106	70-130	
Chloroform	10.0	10.5	105	70-130	
Tetrahydrofuran	10.0	15.3	153	70-130	*
1,1,1-Trichloroethane	10.0	10.0	100	70-130	
Cyclohexane	10.0	10.9	109	70-130	
Carbon tetrachloride	10.0	9.62	96	70-130	
2,2,4-Trimethylpentane	10.0	12.8	128	70-130	
Benzene	10.0	10.7	107	70-130	
1,2-Dichloroethane	10.0	10.8	108	70-130	
n-Heptane	10.0	14.3	143	70-130	*
Trichloroethene	10.0	9.40	94	70-130	
Methyl methacrylate	10.0	11.9	119	70-130	
1,2-Dichloropropane	10.0	12.0	120	70-130	
1,4-Dioxane	10.0	9.42	94	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: waeaa03.d
 Lab ID: LCS 200-53566/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.0	110	70-130	
cis-1,3-Dichloropropene	10.0	10.7	107	70-130	
methyl isobutyl ketone	10.0	14.6	146	70-130	*
Toluene	10.0	10.2	102	70-130	
trans-1,3-Dichloropropene	10.0	10.4	104	70-130	
1,1,2-Trichloroethane	10.0	10.3	103	70-130	
Tetrachloroethene	10.0	8.62	86	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	14.0	140	70-130	*
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	9.84	98	70-130	
Chlorobenzene	10.0	9.53	95	70-130	
Ethylbenzene	10.0	10.0	100	70-130	
m,p-Xylene	20.0	19.9	99	70-130	
Xylene, o-	10.0	9.54	95	70-130	
Styrene	10.0	10.2	102	70-130	
Bromoform	10.0	10.9	109	70-130	
Cumene	10.0	9.66	97	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.3	103	70-130	
n-Propylbenzene	10.0	10.2	103	70-130	
4-Ethyltoluene	10.0	9.86	99	70-130	
1,3,5-Trimethylbenzene	10.0	9.18	92	70-130	
2-Chlorotoluene	10.0	10.1	101	70-130	
tert-Butylbenzene	10.0	9.24	92	70-130	
1,2,4-Trimethylbenzene	10.0	8.94	89	70-130	
sec-Butylbenzene	10.0	9.61	96	70-130	
4-Isopropyltoluene	10.0	9.27	93	70-130	
1,3-Dichlorobenzene	10.0	8.34	83	70-130	
1,4-Dichlorobenzene	10.0	8.17	82	70-130	
Benzyl chloride	10.0	9.60	96	70-130	
n-Butylbenzene	10.0	10.2	102	70-130	
1,2-Dichlorobenzene	10.0	7.96	80	70-130	
1,2,4-Trichlorobenzene	10.0	7.04	70	70-130	
Hexachlorobutadiene	10.0	8.69	87	70-130	
Naphthalene	10.0	7.14	71	70-130	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Lab File ID: waex05.d Lab Sample ID: MB 200-53386/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: W.i Date Analyzed: 03/23/2013 16:44
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-53386/4	waex04.d	03/23/2013 15:56
3485	200-15554-1	waex18.d	03/24/2013 04:42
4371	200-15554-2	waex19.d	03/24/2013 05:50
3706	200-15554-3	waex20.d	03/24/2013 06:57
4360	200-15554-4	waex21.d	03/24/2013 08:02

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-53386/5
 Matrix: Air Lab File ID: waex05.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/23/2013 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-53386/5
 Matrix: Air Lab File ID: waex05.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/23/2013 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-53386/5
Matrix: Air Lab File ID: waex05.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 03/23/2013 16:44
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/W.i/Wsvr.p/waexto15.b/waex05.d
Lab Smp Id: mb
Inj Date : 23-MAR-2013 16:44
Operator : pad
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/W.i/Wsvr.p/waexto15.b/to15v5.m
Meth Date : 25-Mar-2013 17:31 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: allT015.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41							
2 Dichlorodifluoromethane	85							
3 Chlorodifluoromethane	51							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50							
6 Butane	43							
7 Vinyl chloride	62							
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
11 2-Methylbutane	43							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101							
14 Pentane	43							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
15 Ethanol	45				Compound Not Detected.		
16 Ethyl ether	59				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		
18 Acrolein	56				Compound Not Detected.		
19 1,1-Dichloroethene	96				Compound Not Detected.		
20 Acetone	43	8.816	8.805	(0.683)	14536	0.28104	0.28(a)
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
24 Acetonitrile	41				Compound Not Detected.		
25 Methylene chloride	49	9.779	9.784	(0.758)	3870	0.09989	0.100(aQM)
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
29 Acrylonitrile	53				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	12.908	12.919	(1.000)	606092	10.0000	(Q)
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	3091247	10.0000	
48 n-Butanol	56				Compound Not Detected.		
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
52 Dibromomethane	174				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
57 n-Octane	43				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		

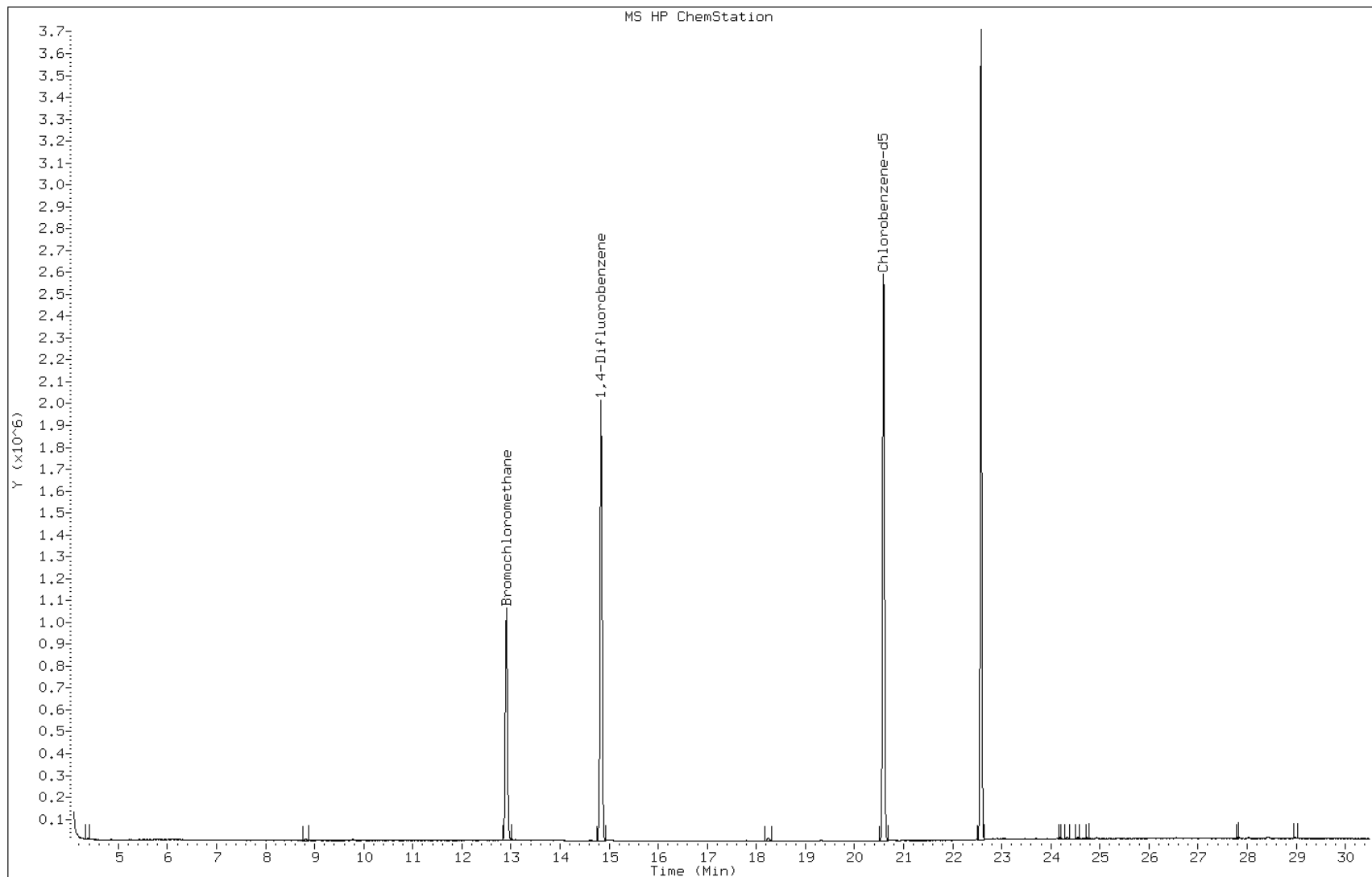
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2719995	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
67 n-Nonane	57				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		
72 Styrene	104				Compound Not Detected.		
73 Bromoform	173				Compound Not Detected.		
74 Isopropylbenzene	105				Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
76 n-Propylbenzene	91				Compound Not Detected.		
77 1,2,3-Trichloropropane	75				Compound Not Detected.		
78 n-Decane	57				Compound Not Detected.		
79 4-Ethyltoluene	105				Compound Not Detected.		
80 2-Chlorotoluene	91				Compound Not Detected.		
81 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
82 Alpha Methyl Styrene	118				Compound Not Detected.		
83 tert-butylbenzene	119				Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
85 sec-Butylbenzene	105				Compound Not Detected.		
86 4-Isopropyltoluene	119				Compound Not Detected.		
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
89 Benzyl chloride	91				Compound Not Detected.		
90 Undecane	57				Compound Not Detected.		
91 n-Butylbenzene	91				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
93 Dodecane	57				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128				Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waex05.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 23-MAR-2013 16:44
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

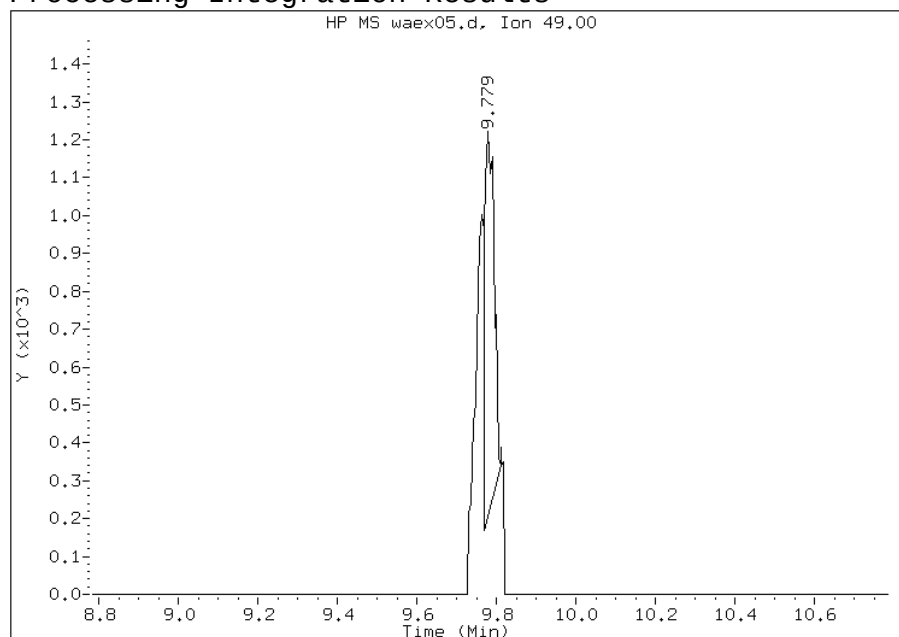


Manual Integration Report

Data File: waex05.d
Lab Sample ID: mb
Inj. Date and Time: 23-MAR-2013 16:44
Instrument ID: W.i
Client ID:
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/25/2013

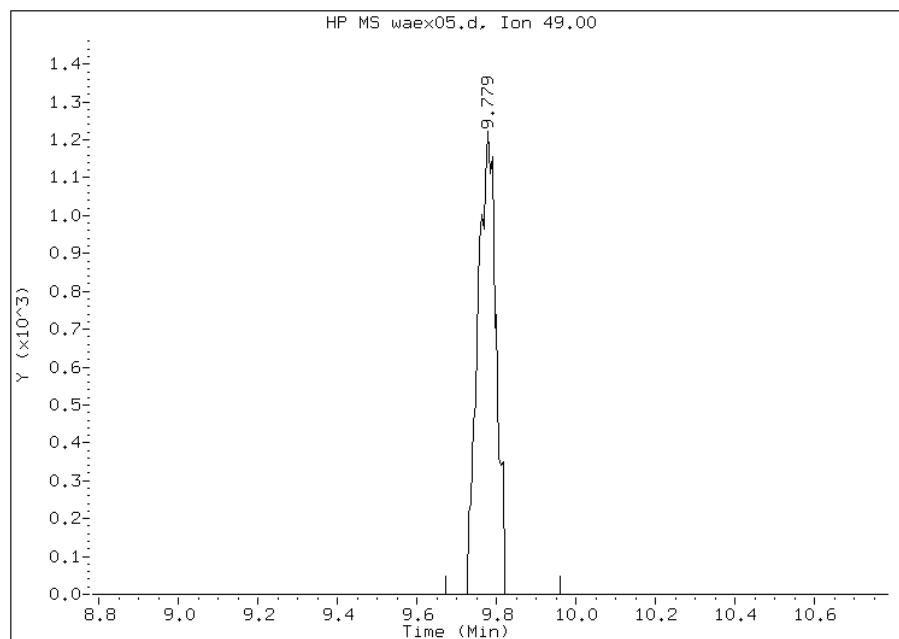
Processing Integration Results

RT: 9.78
Response: 1731
Amount: 0.044690
Conc: 0.044690



Manual Integration Results

RT: 9.78
Response: 3870
Amount: 0.099886
Conc: 0.099886



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab File ID: waeaa04.d Lab Sample ID: MB 200-53566/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: W.i Date Analyzed: 03/26/2013 16:27
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-53566/3	waeaa03.d	03/26/2013 15:38
2851	200-15554-5	waeaa09.d	03/26/2013 22:08
2637	200-15554-6	waeaa10.d	03/26/2013 23:16
2878	200-15554-7	waeaa11.d	03/27/2013 00:23
4571	200-15554-8	waeaa12.d	03/27/2013 01:30
3232	200-15554-9	waeaa13.d	03/27/2013 02:37
3036	200-15554-10	waeaa14.d	03/27/2013 03:43
3333	200-15554-11	waeaa15.d	03/27/2013 04:49
4072	200-15554-12	waeaa16.d	03/27/2013 05:54

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-53566/4
 Matrix: Air Lab File ID: waeaa04.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/26/2013 16:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-53566/4
 Matrix: Air Lab File ID: waeaa04.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/26/2013 16:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-53566/4
Matrix: Air Lab File ID: waeaa04.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 03/26/2013 16:27
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/W.i/Wsvr.p/waea04.d
Lab Smp Id: mb
Inj Date : 26-MAR-2013 16:27
Operator : pad
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/W.i/Wsvr.p/waea04.d/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
QC Sample: BLANK
Compound Sublist: allT015.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50						
6 Butane	43						
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
11 2-Methylbutane	43						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
14 Pentane	43						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
15 Ethanol	45				Compound Not Detected.		
16 Ethyl ether	59				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		
18 Acrolein	56				Compound Not Detected.		
19 1,1-Dichloroethene	96				Compound Not Detected.		
20 Acetone	43	8.811	8.805	(0.683)	28903	0.52281	0.52(aQ)
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
24 Acetonitrile	41				Compound Not Detected.		
25 Methylene chloride	49	9.779	9.784	(0.758)	4214	0.10175	0.10(aQM)
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
29 Acrylonitrile	53				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene,Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	12.903	12.919	(1.000)	647844	10.0000	(Q)
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	3251920	10.0000	
48 n-Butanol	56				Compound Not Detected.		
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
52 Dibromomethane	174				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
57 n-Octane	43				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		

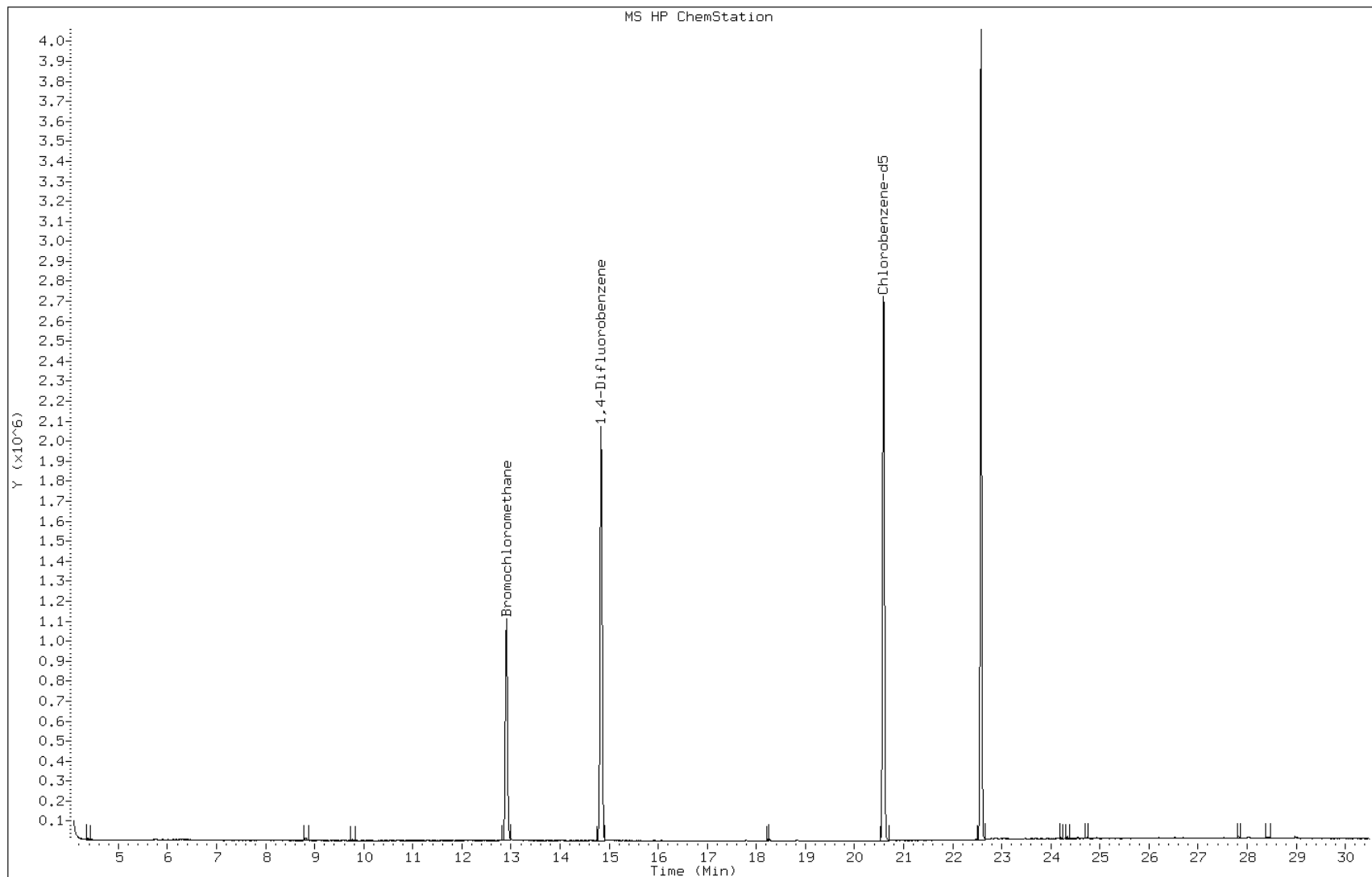
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
62 2-Hexanone	43						Compound Not Detected.		
63 Dibromochloromethane	129						Compound Not Detected.		
64 1,2-Dibromoethane	107						Compound Not Detected.		
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)		2901405		10.0000	
66 Chlorobenzene	112						Compound Not Detected.		
67 n-Nonane	57						Compound Not Detected.		
68 Ethylbenzene	91						Compound Not Detected.		
69 Xylene (m,p)	106						Compound Not Detected.		
M 70 Xylenes, Total	106						Compound Not Detected.		
71 Xylene (o)	106						Compound Not Detected.		
72 Styrene	104						Compound Not Detected.		
73 Bromoform	173						Compound Not Detected.		
74 Isopropylbenzene	105						Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83						Compound Not Detected.		
76 n-Propylbenzene	91						Compound Not Detected.		
77 1,2,3-Trichloropropane	75						Compound Not Detected.		
78 n-Decane	57						Compound Not Detected.		
79 4-Ethyltoluene	105						Compound Not Detected.		
80 2-Chlorotoluene	91						Compound Not Detected.		
81 1,3,5-Trimethylbenzene	105						Compound Not Detected.		
82 Alpha Methyl Styrene	118						Compound Not Detected.		
83 tert-butylbenzene	119						Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105						Compound Not Detected.		
85 sec-Butylbenzene	105						Compound Not Detected.		
86 4-Isopropyltoluene	119						Compound Not Detected.		
87 1,3-Dichlorobenzene	146						Compound Not Detected.		
88 1,4-Dichlorobenzene	146						Compound Not Detected.		
89 Benzyl chloride	91						Compound Not Detected.		
90 Undecane	57						Compound Not Detected.		
91 n-Butylbenzene	91						Compound Not Detected.		
92 1,2-Dichlorobenzene	146						Compound Not Detected.		
93 Dodecane	57						Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180						Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225						Compound Not Detected.		
96 Naphthalene	128						Compound Not Detected.		
97 1,2,3-Trichlorobenzene	180						Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa04.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 26-MAR-2013 16:27
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

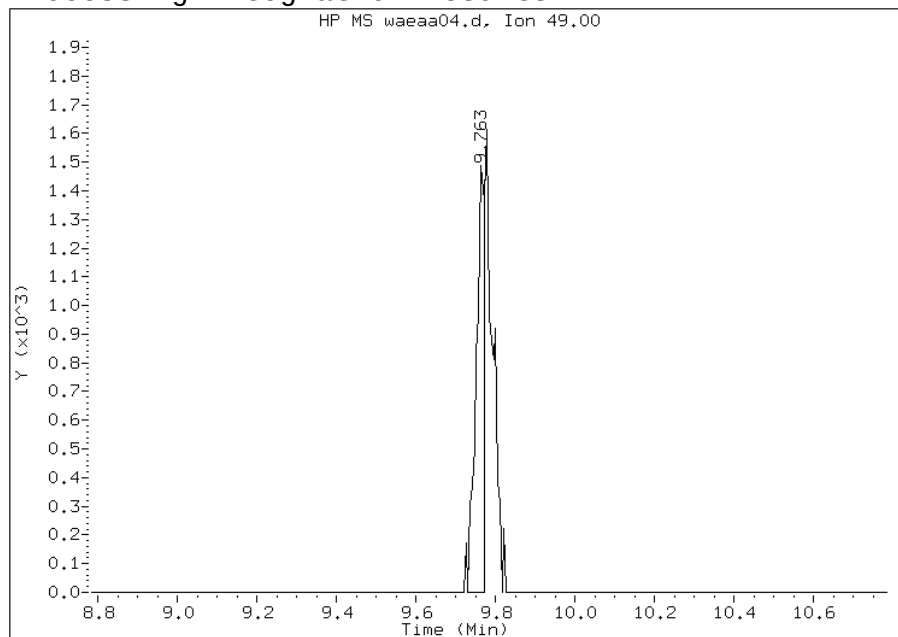


Manual Integration Report

Data File: waeaa04.d
Lab Sample ID: mb
Inj. Date and Time: 26-MAR-2013 16:27
Instrument ID: W.i
Client ID:
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/28/2013

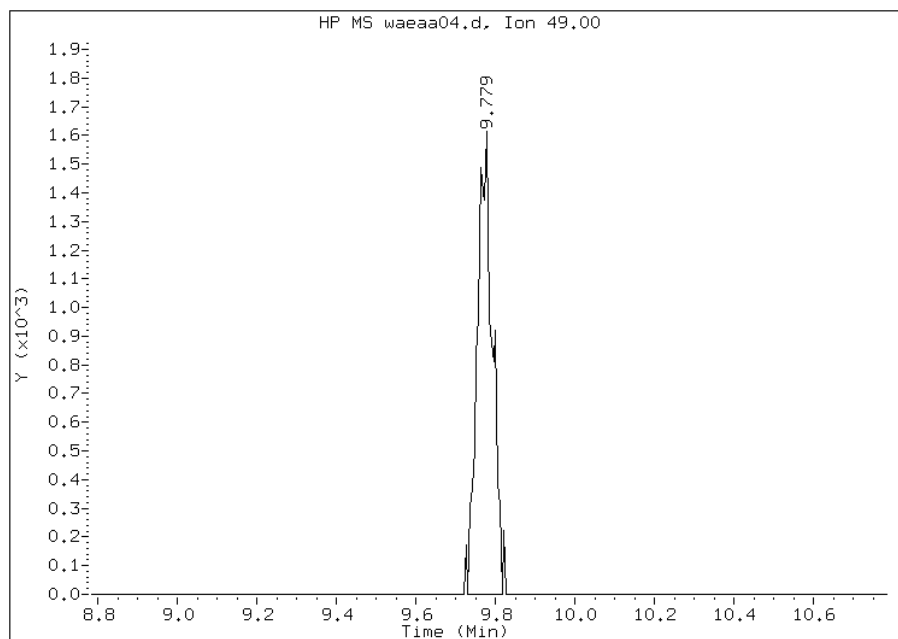
Processing Integration Results

RT: 9.76
Response: 2326
Amount: 0.056166
Conc: 0.056166



Manual Integration Results

RT: 9.78
Response: 4214
Amount: 0.101755
Conc: 0.101755



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab File ID: wae001.d BFB Injection Date: 02/13/2013
 Instrument ID: W.i BFB Injection Time: 16:32
 Analysis Batch No.: 51911

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	9.6
75	30.0 - 66.0% of mass 95	36.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.5 (0.5) 1
174	50.0 - 120.0% of mass 95	109.4
175	4.0 - 9.0 % of mass 174	7.7 (7.0) 1
176	93.0 - 101.0% of mass 174	106.6 (97.4) 1
177	5.0 - 9.0% of mass 176	7.0 (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:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51911/4	wae004.d	02/13/2013	18:59
	IC 200-51911/5	wae005.d	02/13/2013	19:48
	IC 200-51911/6	wae006.d	02/13/2013	20:37
	IC 200-51911/7	wae007.d	02/13/2013	21:25
	ICIS 200-51911/8	wae008.d	02/13/2013	22:15
	IC 200-51911/9	wae009.d	02/13/2013	23:05
	IC 200-51911/10	wae010.d	02/13/2013	23:54
	IC 200-51911/11	wae011.d	02/14/2013	00:45
	ICV 200-51911/14	wae014.d	02/14/2013	03:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab File ID: waex01.d BFB Injection Date: 03/23/2013
 Instrument ID: W.i BFB Injection Time: 13:38
 Analysis Batch No.: 53386

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.2
75	30.0 - 66.0% of mass 95	40.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 120.0% of mass 95	93.6
175	4.0 - 9.0 % of mass 174	6.6 (7.1) 1
176	93.0 - 101.0% of mass 174	90.4 (96.6) 1
177	5.0 - 9.0% of mass 176	5.9 (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:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-53386/3	waex03.d	03/23/2013	15:00
	LCS 200-53386/4	waex04.d	03/23/2013	15:56
	MB 200-53386/5	waex05.d	03/23/2013	16:44
3485	200-15554-1	waex18.d	03/24/2013	04:42
4371	200-15554-2	waex19.d	03/24/2013	05:50
3706	200-15554-3	waex20.d	03/24/2013	06:57
4360	200-15554-4	waex21.d	03/24/2013	08:02

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab File ID: waeaa01.d BFB Injection Date: 03/26/2013
 Instrument ID: W.i BFB Injection Time: 13:40
 Analysis Batch No.: 53566

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	11.8
75	30.0 - 66.0% of mass 95	38.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5) 1
174	50.0 - 120.0% of mass 95	106.1
175	4.0 - 9.0 % of mass 174	7.4 (7.0) 1
176	93.0 - 101.0% of mass 174	103.4 (97.5) 1
177	5.0 - 9.0% of mass 176	6.9 (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:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-53566/2	waeaa02.d	03/26/2013	14:31
	LCS 200-53566/3	waeaa03.d	03/26/2013	15:38
	MB 200-53566/4	waeaa04.d	03/26/2013	16:27
2851	200-15554-5	waeaa09.d	03/26/2013	22:08
2637	200-15554-6	waeaa10.d	03/26/2013	23:16
2878	200-15554-7	waeaa11.d	03/27/2013	00:23
4571	200-15554-8	waeaa12.d	03/27/2013	01:30
3232	200-15554-9	waeaa13.d	03/27/2013	02:37
3036	200-15554-10	waeaa14.d	03/27/2013	03:43
3333	200-15554-11	waeaa15.d	03/27/2013	04:49
4072	200-15554-12	waeaa16.d	03/27/2013	05:54

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Sample No.: ICIS 200-51911/8 Date Analyzed: 02/13/2013 22:15
Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): wae008.d Heated Purge: (Y/N) N
Calibration ID: 20446

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		406124	12.92	2027719	14.85	1893360	20.60
UPPER LIMIT		568574	13.25	2838807	15.18	2650704	20.93
LOWER LIMIT		243674	12.59	1216631	14.52	1136016	20.27
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 200-51911/14		406277	12.92	2038407	14.85	1896326	20.60

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Sample No.: CCVIS 200-53386/3 Date Analyzed: 03/23/2013 15:00
 Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): waex03.d Heated Purge: (Y/N) N
 Calibration ID: 20446

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		563137	12.91	2772418	14.84	2523400	20.60
UPPER LIMIT		788392	13.24	3881385	15.17	3532760	20.93
LOWER LIMIT		337882	12.58	1663451	14.51	1514040	20.27
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-53386/4		593676	12.91	2941217	14.84	2651406	20.60
MB 200-53386/5		606092	12.91	3091247	14.83	2719995	20.59
200-15554-1	3485	448815	12.91	2293119	14.84	2012670	20.59
200-15554-2	4371	458249	12.91	2324527	14.84	2036617	20.59
200-15554-3	3706	428325	12.91	2158755	14.83	1897373	20.59
200-15554-4	4360	438566	12.92	2229155	14.85	1980589	20.59

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Sample No.: CCVIS 200-53566/2 Date Analyzed: 03/26/2013 14:31
 Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): waeaa02.d Heated Purge: (Y/N) N
 Calibration ID: 20446

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	640999	12.91	3170339	14.84	2906473	20.60	
UPPER LIMIT	897399	13.24	4438475	15.17	4069062	20.93	
LOWER LIMIT	384599	12.58	1902203	14.51	1743884	20.27	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-53566/3		622093	12.91	3087506	14.84	2801015	20.60
MB 200-53566/4		647844	12.90	3251920	14.83	2901405	20.59
200-15554-5	2851	446684	12.90	2178262	14.83	2017975	20.59
200-15554-6	2637	529250	12.91	2697960	14.83	2381905	20.59
200-15554-7	2878	525384	12.91	2662101	14.83	2356117	20.59
200-15554-8	4571	504745	12.91	2553279	14.84	2246834	20.59
200-15554-9	3232	502566	12.91	2525211	14.84	2235740	20.59
200-15554-10	3036	527525	12.91	2671505	14.84	2355913	20.59
200-15554-11	3333	497864	12.91	2510646	14.83	2196540	20.59
200-15554-12	4072	466477	12.91	2361071	14.83	2067580	20.59

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 3485 Lab Sample ID: 200-15554-1

Matrix: Air Lab File ID: waex18.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/24/2013 04:42

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 3485 Lab Sample ID: 200-15554-1
 Matrix: Air Lab File ID: waex18.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 04:42
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 3485 Lab Sample ID: 200-15554-1
Matrix: Air Lab File ID: waex18.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 04:42
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-1
Client Smp ID: 3485
Inj Date : 24-MAR-2013 04:42
Operator : pad
Smp Info : 200-15554-A-1
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waexto15.b/to15v5.m
Meth Date : 25-Mar-2013 17:31 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 9
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50	5.034	5.034	(0.390)	6212	0.25817	0.052(a)
6 Butane	43						
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
15 Ethanol	45						
17 1,1,2-Trichloro-1,2,2-trifluo	101						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound Not Detected.				
20 Acetone	43	8.811	8.805 (0.683)		56782	1.48256	0.30(a)
21 Carbon disulfide	76		Compound Not Detected.				
22 Isopropanol	45		Compound Not Detected.				
23 Allyl chloride	41		Compound Not Detected.				
25 Methylene chloride	49	9.768	9.784 (0.757)		3891	0.13562	0.027(aQM)
26 Tert-butyl alcohol	59		Compound Not Detected.				
27 Methyl tert-butyl ether	73		Compound Not Detected.				
28 1,2-Dichloroethene (trans)	61		Compound Not Detected.				
30 n-Hexane	57		Compound Not Detected.				
31 1,1-Dichloroethane	63		Compound Not Detected.				
32 Vinyl acetate	43		Compound Not Detected.				
M 33 1,2-Dichloroethene, Total	61		Compound Not Detected.				
34 1,2-Dichloroethene (cis)	96		Compound Not Detected.				
35 Ethyl acetate	88		Compound Not Detected.				
36 Methyl Ethyl Ketone	72		Compound Not Detected.				
* 37 Bromochloromethane	128	12.909	12.919 (1.000)		448815	10.0000	(Q)
38 Tetrahydrofuran	42		Compound Not Detected.				
39 Chloroform	83		Compound Not Detected.				
40 Cyclohexane	84		Compound Not Detected.				
41 1,1,1-Trichloroethane	97		Compound Not Detected.				
42 Carbon tetrachloride	117		Compound Not Detected.				
43 2,2,4-Trimethylpentane	57		Compound Not Detected.				
44 Benzene	78	14.059	14.075 (0.947)		12257	0.07418	0.015(aM)
45 1,2-Dichloroethane	62		Compound Not Detected.				
46 n-Heptane	43		Compound Not Detected.				
* 47 1,4-Difluorobenzene	114	14.840	14.850 (1.000)		2293119	10.0000	
49 Trichloroethene	95		Compound Not Detected.				
50 1,2-Dichloropropane	63		Compound Not Detected.				
51 Methyl methacrylate	69		Compound Not Detected.				
53 1,4-Dioxane	88		Compound Not Detected.				
54 Bromodichloromethane	83		Compound Not Detected.				
55 1,3-Dichloropropene (cis)	75		Compound Not Detected.				
56 Methyl isobutyl ketone	43		Compound Not Detected.				
58 Toluene	92		Compound Not Detected.				
59 1,3-Dichloropropene (trans)	75		Compound Not Detected.				
60 1,1,2-Trichloroethane	83		Compound Not Detected.				
61 Tetrachloroethene	166		Compound Not Detected.				
62 2-Hexanone	43		Compound Not Detected.				
63 Dibromochloromethane	129		Compound Not Detected.				
64 1,2-Dibromoethane	107		Compound Not Detected.				
* 65 Chlorobenzene-d5	117	20.591	20.601 (1.000)		2012670	10.0000	
66 Chlorobenzene	112		Compound Not Detected.				
68 Ethylbenzene	91		Compound Not Detected.				
69 Xylene (m,p)	106		Compound Not Detected.				
M 70 Xylenes, Total	106		Compound Not Detected.				
71 Xylene (o)	106		Compound Not Detected.				

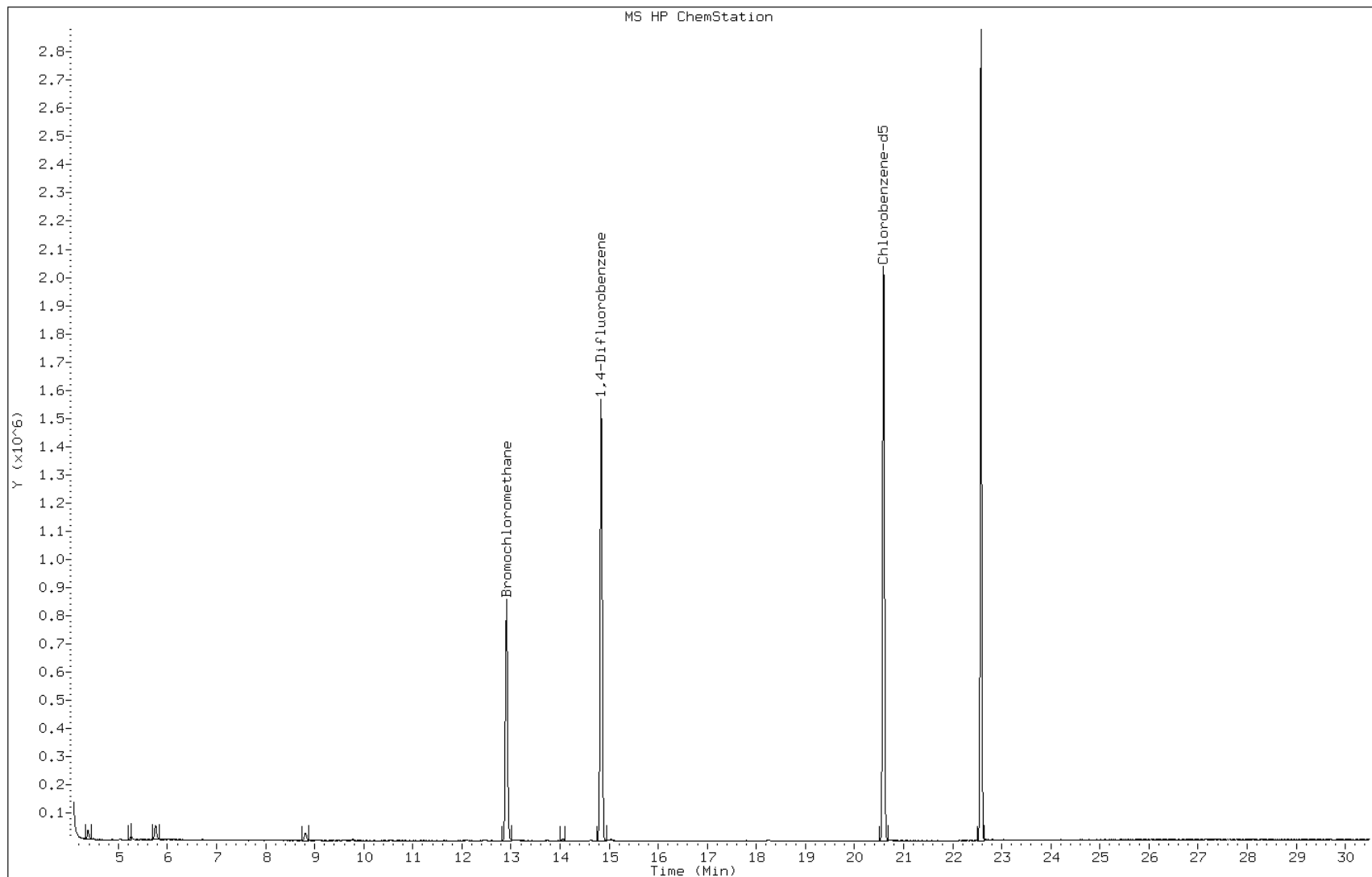
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waex18.d
Client ID: 3485
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-1
Lab Sample ID: 200-15554-1

Date: 24-MAR-2013 04:42
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

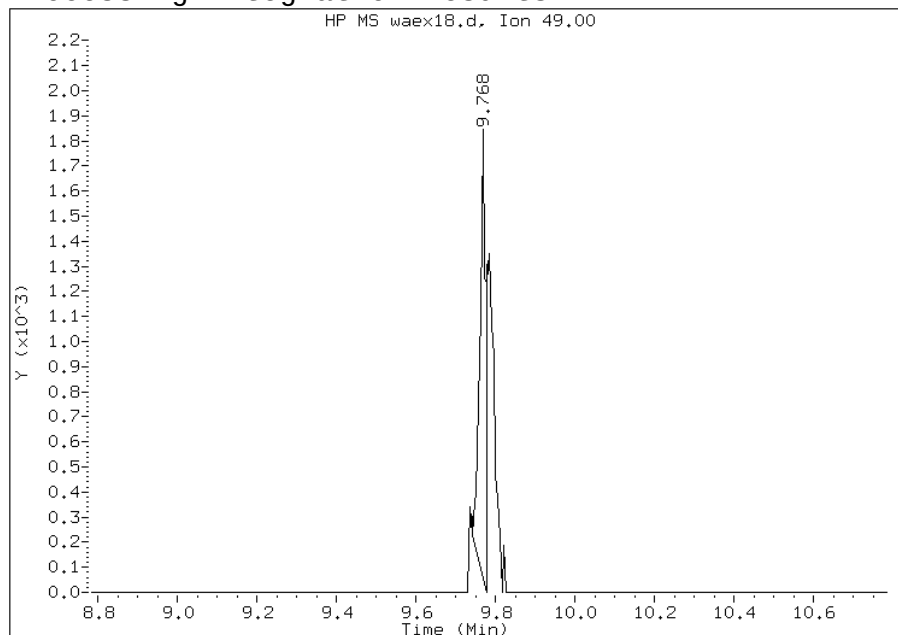


Manual Integration Report

Data File: waex18.d
Lab Sample ID: 200-15554-1
Inj. Date and Time: 24-MAR-2013 04:42
Instrument ID: W.i
Client ID: 3485
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/25/2013

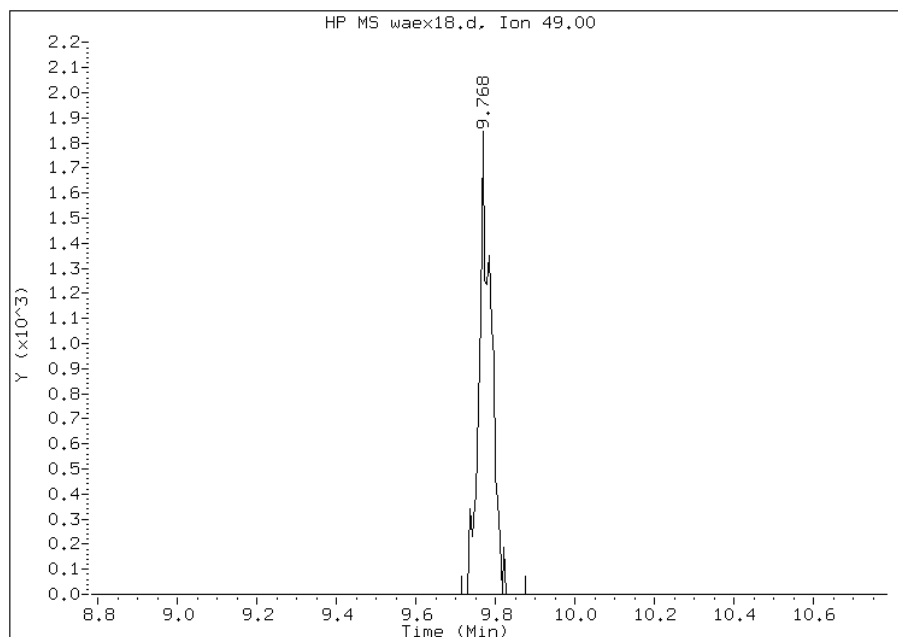
Processing Integration Results

RT: 9.77
Response: 2011
Amount: 0.070093
Conc: 0.014019



Manual Integration Results

RT: 9.77
Response: 3891
Amount: 0.135620
Conc: 0.027124



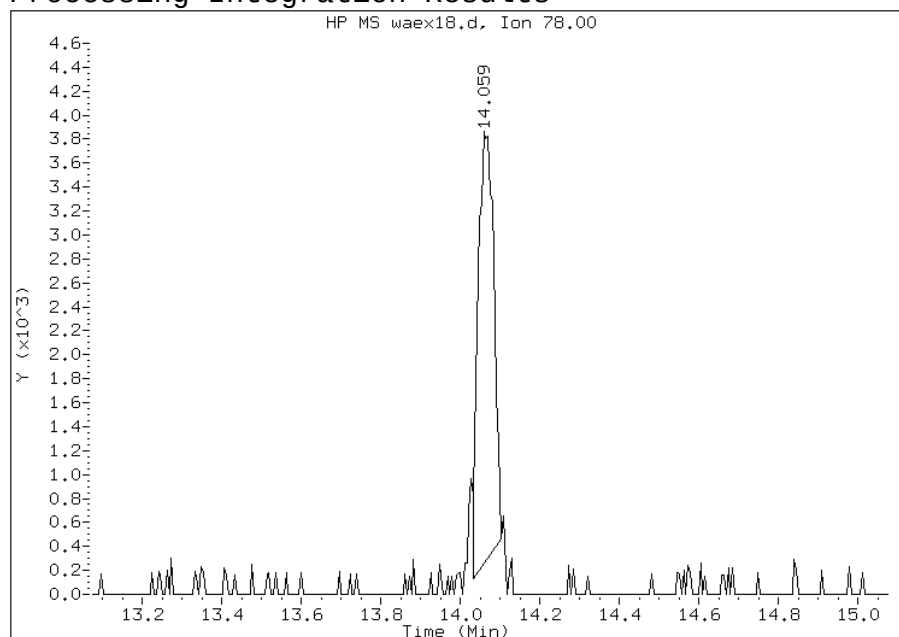
File Uploaded By: ahk
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: waex18.d
Lab Sample ID: 200-15554-1
Inj. Date and Time: 24-MAR-2013 04:42
Instrument ID: W.i
Client ID: 3485
Compound: 44 Benzene
CAS #: 71-43-2
Report Date: 03/25/2013

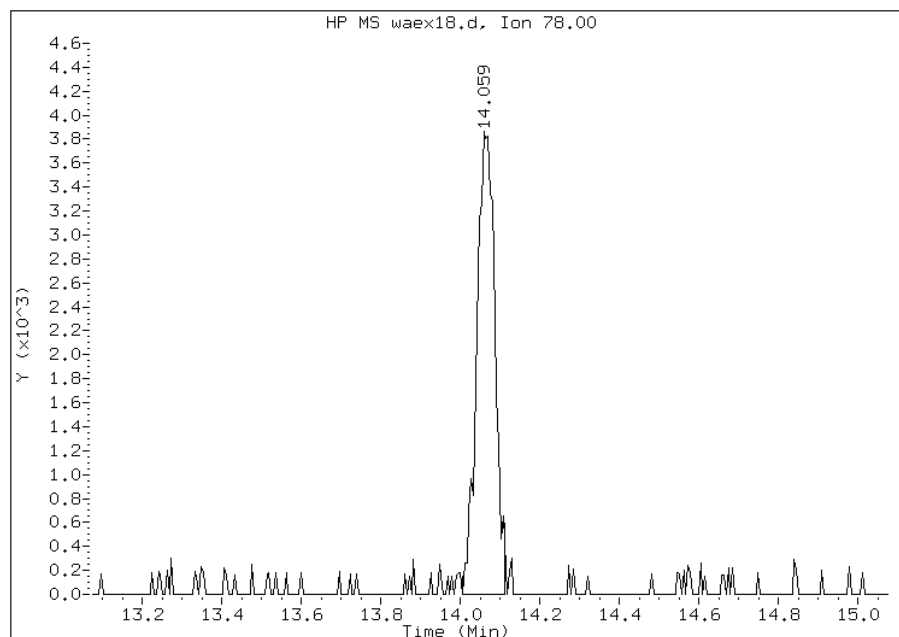
Processing Integration Results

RT: 14.06
Response: 9893
Amount: 0.059869
Conc: 0.011974



Manual Integration Results

RT: 14.06
Response: 12257
Amount: 0.074175
Conc: 0.014835



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 4371 Lab Sample ID: 200-15554-2
 Matrix: Air Lab File ID: waex19.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 03/24/2013 05:50
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 4371 Lab Sample ID: 200-15554-2
 Matrix: Air Lab File ID: waex19.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 05:50
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 4371 Lab Sample ID: 200-15554-2
Matrix: Air Lab File ID: waex19.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 05:50
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-2
Client Smp ID: 4371
Inj Date : 24-MAR-2013 05:50
Operator : pad
Smp Info : 200-15554-A-2
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waexto15.b/to15v5.m
Meth Date : 25-Mar-2013 17:31 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 10
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50	5.034	5.034	(0.390)	8068	0.32840	0.066(a)
6 Butane	43	5.296	5.301	(0.410)	7654	0.21487	0.043(aQ)
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
15 Ethanol	45						
17 1,1,2-Trichloro-1,2,2-trifluo	101						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96				Compound Not Detected.		
20 Acetone	43	8.816	8.805	(0.683)	50381	1.28835	0.26(a)
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
25 Methylene chloride	49	9.773	9.784	(0.757)	3925	0.13399	0.027(aQ)
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
30 n-Hexane	57	10.694	10.704	(0.828)	2045	0.03558	0.0071(aQ)
31 1,1-Dichloroethane	63				Compound Not Detected.		
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	12.908	12.919	(1.000)	458249	10.0000	(Q)
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	14.840	14.850	(1.000)	2324527	10.0000	
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2036617	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		

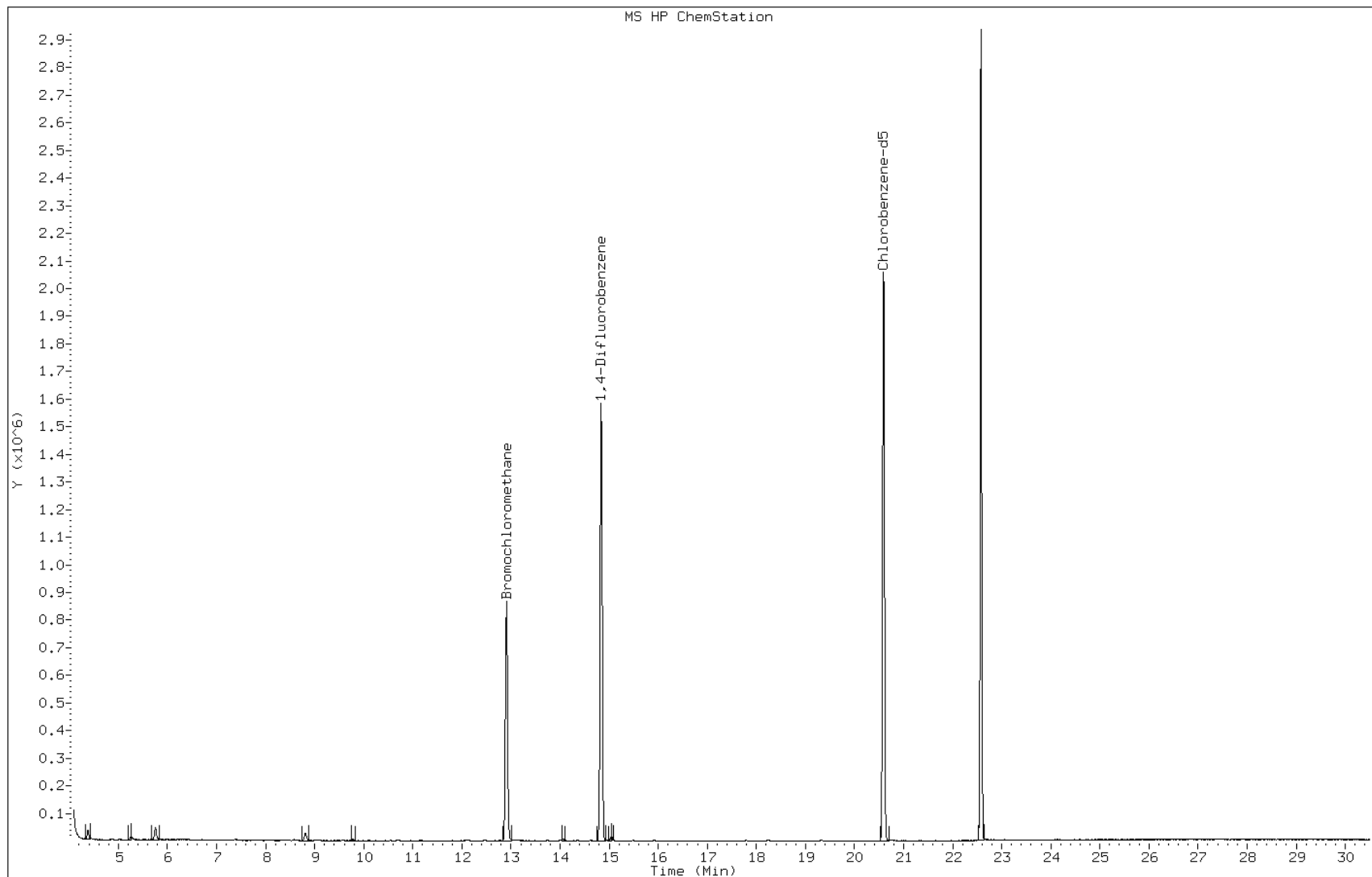
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: waex19.d
Client ID: 4371
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-2
Lab Sample ID: 200-15554-2

Date: 24-MAR-2013 05:50
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 3706 Lab Sample ID: 200-15554-3

Matrix: Air Lab File ID: waex20.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 06:57

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 3706 Lab Sample ID: 200-15554-3
 Matrix: Air Lab File ID: waex20.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 06:57
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 3706 Lab Sample ID: 200-15554-3
Matrix: Air Lab File ID: waex20.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 06:57
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-3
Client Smp ID: 3706
Inj Date : 24-MAR-2013 06:57
Operator : pad
Smp Info : 200-15554-A-3
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waexto15.b/to15v5.m
Meth Date : 25-Mar-2013 17:31 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 11
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50	5.023	5.034	(0.389)	7151	0.31141	0.062(a)
6 Butane	43	5.290	5.301	(0.410)	5003	0.15026	0.030(aQ)
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
15 Ethanol	45						
17 1,1,2-Trichloro-1,2,2-trifluo	101						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound	Not Detected.			
20 Acetone	43	8.811	8.805	(0.683)	16594	0.45399	0.091(a)
21 Carbon disulfide	76		Compound	Not Detected.			
22 Isopropanol	45		Compound	Not Detected.			
23 Allyl chloride	41		Compound	Not Detected.			
25 Methylene chloride	49	9.774	9.784	(0.757)	3610	0.13185	0.026(aQM)
26 Tert-butyl alcohol	59		Compound	Not Detected.			
27 Methyl tert-butyl ether	73		Compound	Not Detected.			
28 1,2-Dichloroethene (trans)	61		Compound	Not Detected.			
30 n-Hexane	57		Compound	Not Detected.			
31 1,1-Dichloroethane	63		Compound	Not Detected.			
32 Vinyl acetate	43		Compound	Not Detected.			
M 33 1,2-Dichloroethene, Total	61		Compound	Not Detected.			
34 1,2-Dichloroethene (cis)	96		Compound	Not Detected.			
35 Ethyl acetate	88		Compound	Not Detected.			
36 Methyl Ethyl Ketone	72		Compound	Not Detected.			
* 37 Bromochloromethane	128	12.908	12.919	(1.000)	428325	10.0000	(Q)
38 Tetrahydrofuran	42		Compound	Not Detected.			
39 Chloroform	83		Compound	Not Detected.			
40 Cyclohexane	84		Compound	Not Detected.			
41 1,1,1-Trichloroethane	97		Compound	Not Detected.			
42 Carbon tetrachloride	117		Compound	Not Detected.			
43 2,2,4-Trimethylpentane	57		Compound	Not Detected.			
44 Benzene	78		Compound	Not Detected.			
45 1,2-Dichloroethane	62		Compound	Not Detected.			
46 n-Heptane	43		Compound	Not Detected.			
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	2158755	10.0000	
49 Trichloroethene	95		Compound	Not Detected.			
50 1,2-Dichloropropane	63		Compound	Not Detected.			
51 Methyl methacrylate	69		Compound	Not Detected.			
53 1,4-Dioxane	88		Compound	Not Detected.			
54 Bromodichloromethane	83		Compound	Not Detected.			
55 1,3-Dichloropropene (cis)	75		Compound	Not Detected.			
56 Methyl isobutyl ketone	43		Compound	Not Detected.			
58 Toluene	92		Compound	Not Detected.			
59 1,3-Dichloropropene (trans)	75		Compound	Not Detected.			
60 1,1,2-Trichloroethane	83		Compound	Not Detected.			
61 Tetrachloroethene	166		Compound	Not Detected.			
62 2-Hexanone	43		Compound	Not Detected.			
63 Dibromochloromethane	129		Compound	Not Detected.			
64 1,2-Dibromoethane	107		Compound	Not Detected.			
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	1897373	10.0000	
66 Chlorobenzene	112		Compound	Not Detected.			
68 Ethylbenzene	91		Compound	Not Detected.			
69 Xylene (m,p)	106		Compound	Not Detected.			
M 70 Xylenes, Total	106		Compound	Not Detected.			
71 Xylene (o)	106		Compound	Not Detected.			

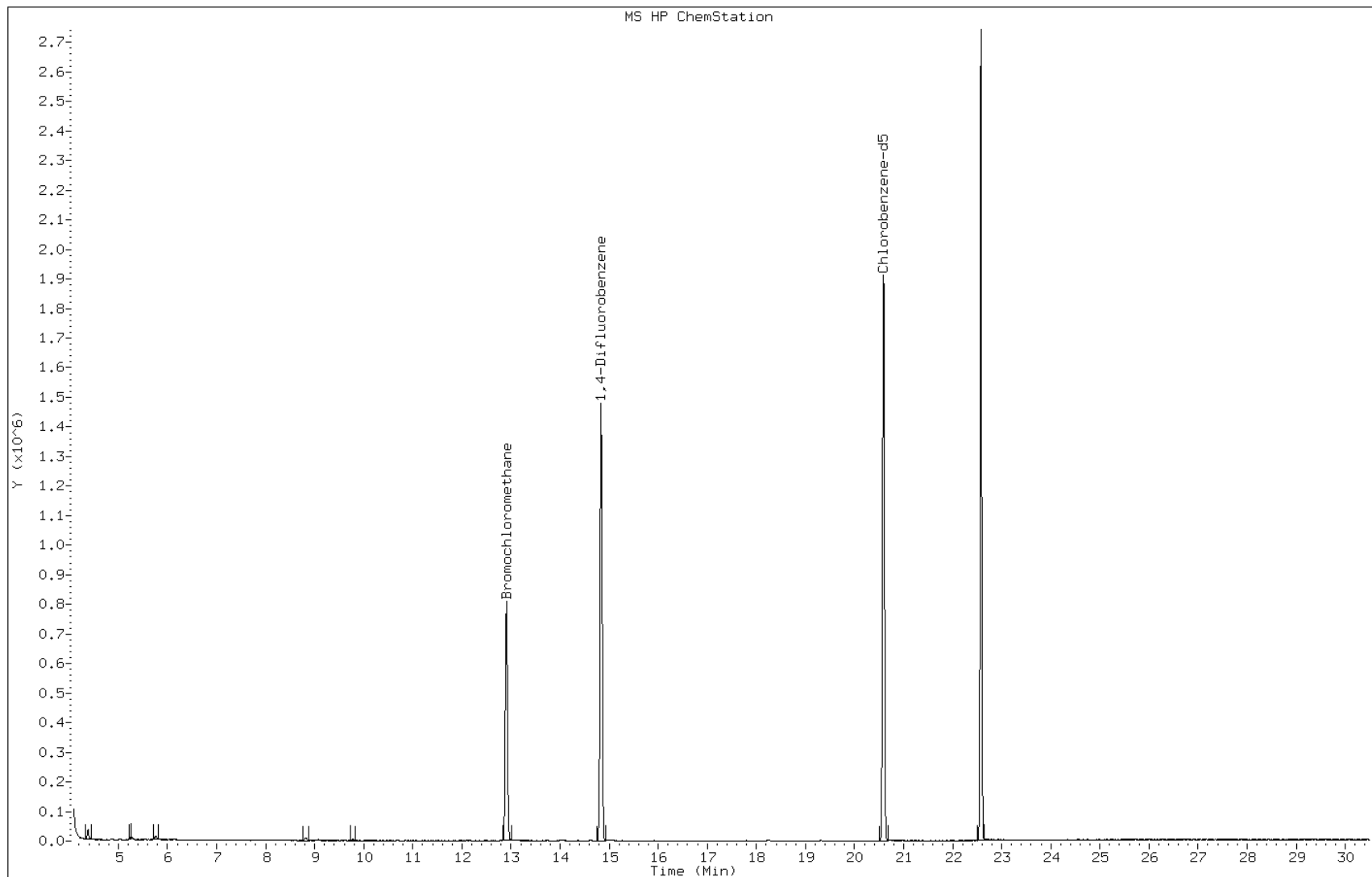
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waex20.d
Client ID: 3706
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-3
Lab Sample ID: 200-15554-3

Date: 24-MAR-2013 06:57
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

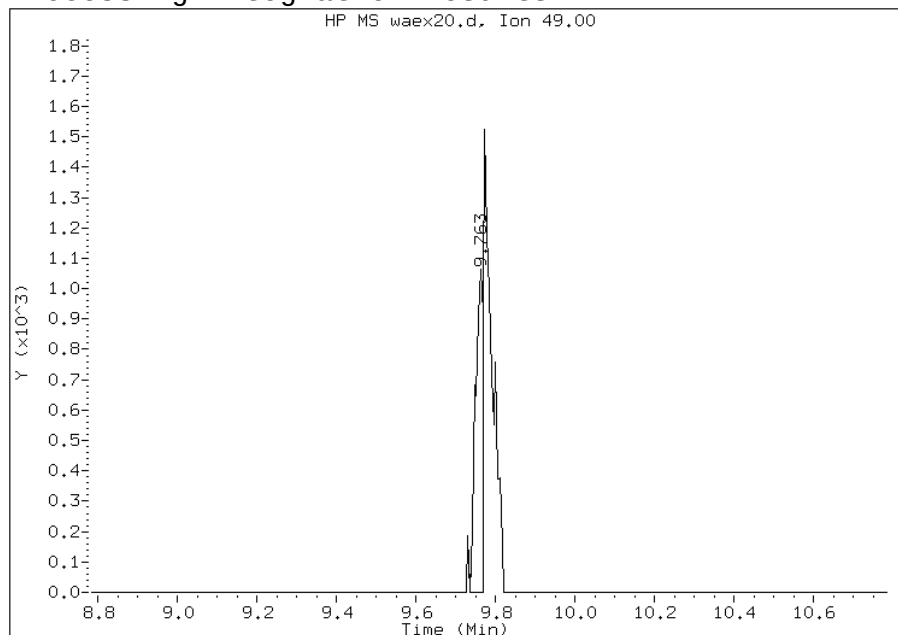


Manual Integration Report

Data File: waex20.d
Lab Sample ID: 200-15554-3
Inj. Date and Time: 24-MAR-2013 06:57
Instrument ID: W.i
Client ID: 3706
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/25/2013

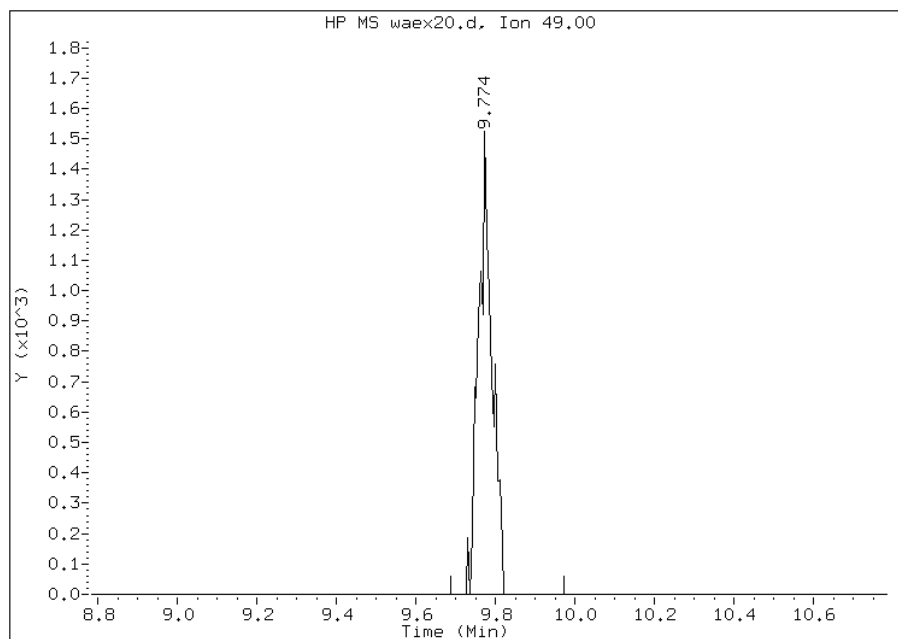
Processing Integration Results

RT: 9.76
Response: 1422
Amount: 0.051935
Conc: 0.010387



Manual Integration Results

RT: 9.77
Response: 3610
Amount: 0.131845
Conc: 0.026369



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 4360 Lab Sample ID: 200-15554-4
 Matrix: Air Lab File ID: waex21.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 03/24/2013 08:02
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 4360 Lab Sample ID: 200-15554-4
 Matrix: Air Lab File ID: waex21.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 08:02
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 4360 Lab Sample ID: 200-15554-4
Matrix: Air Lab File ID: waex21.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/24/2013 08:02
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53386 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-4
Client Smp ID: 4360
Inj Date : 24-MAR-2013 08:02
Operator : pad
Smp Info : 200-15554-A-4
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waexto15.b/to15v5.m
Meth Date : 25-Mar-2013 17:31 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 12
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.018	5.034	(0.388)	9497	0.40391	0.081(a)
6 Butane	43	5.291	5.301	(0.410)	3901	0.11443	0.023(aQ)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96				Compound Not Detected.		
20 Acetone	43	8.816	8.805	(0.682)	16122	0.43078	0.086(aM)
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45	9.089	9.073	(0.704)	6170	0.20704	0.041(aM)
23 Allyl chloride	41				Compound Not Detected.		
25 Methylene chloride	49	9.779	9.784	(0.757)	2264	0.08076	0.016(aQ)
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	12.919	12.919	(1.000)	438566	10.0000	(Q)
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	14.845	14.850	(1.000)	2229155	10.0000	
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	1980589	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		

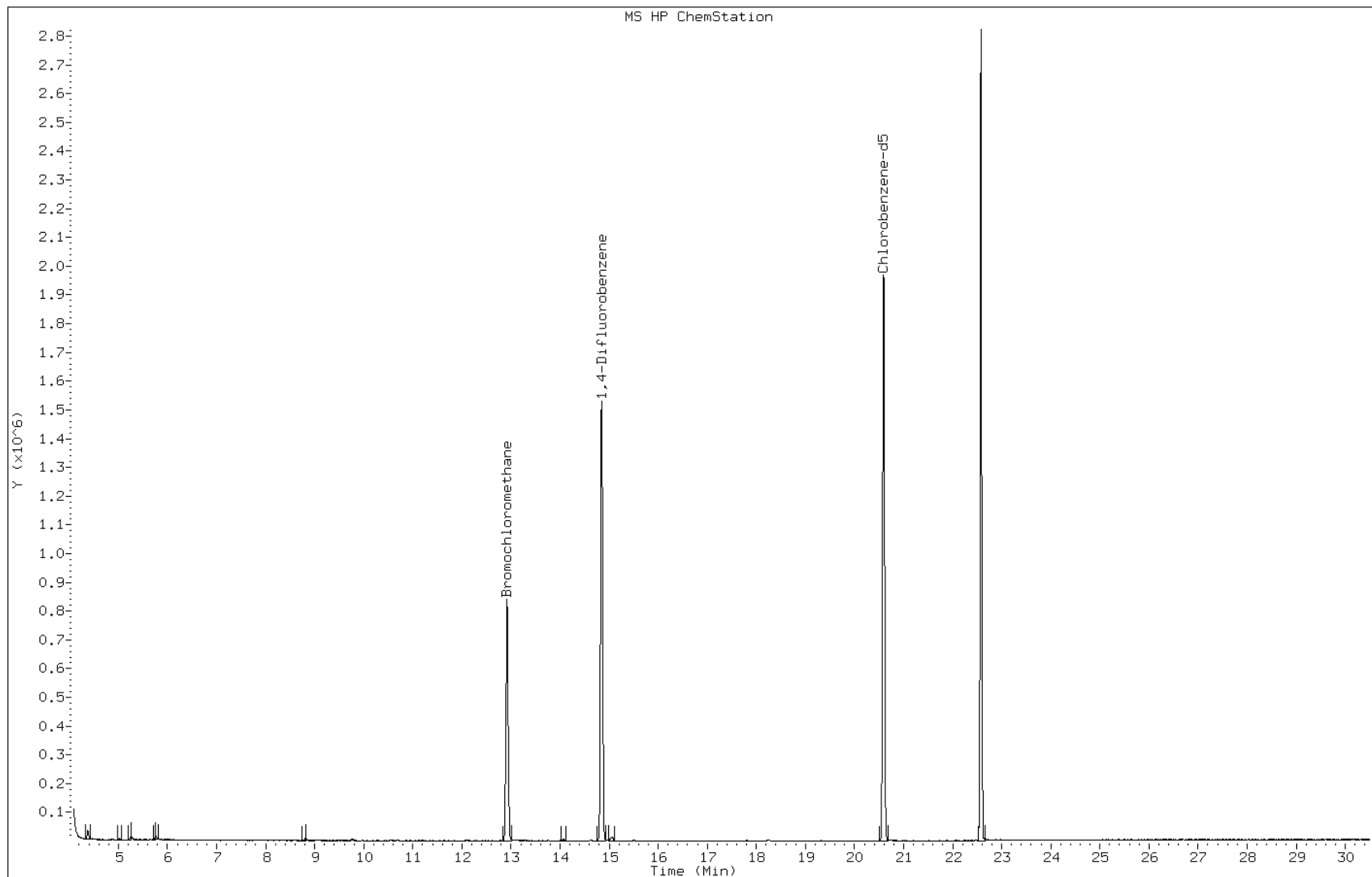
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waex21.d
Client ID: 4360
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-4
Lab Sample ID: 200-15554-4

Date: 24-MAR-2013 08:02
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

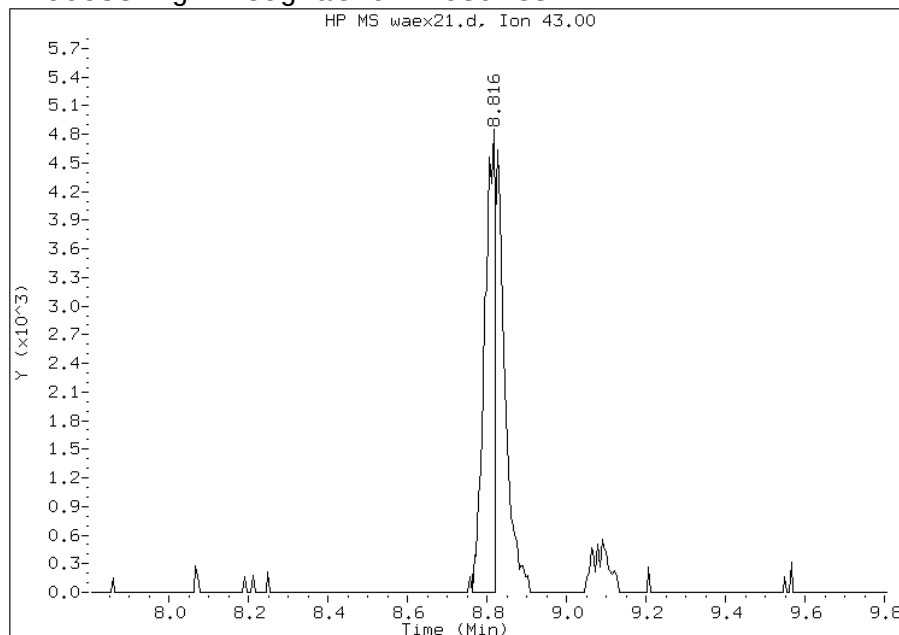


Manual Integration Report

Data File: waex21.d
Lab Sample ID: 200-15554-4
Inj. Date and Time: 24-MAR-2013 08:02
Instrument ID: W.i
Client ID: 4360
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 03/25/2013

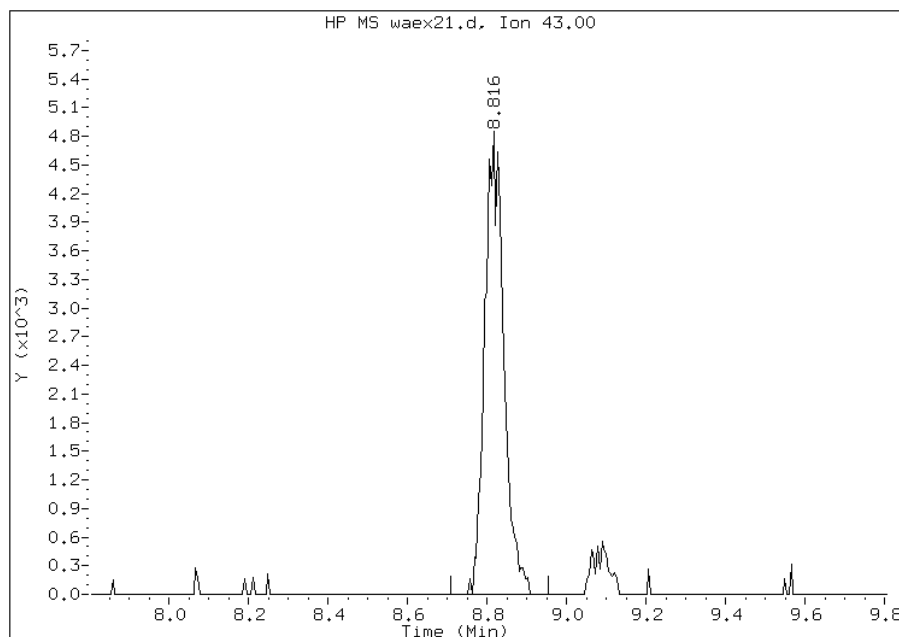
Processing Integration Results

RT: 8.82
Response: 9302
Amount: 0.248547
Conc: 0.049709



Manual Integration Results

RT: 8.82
Response: 16122
Amount: 0.430776
Conc: 0.086155



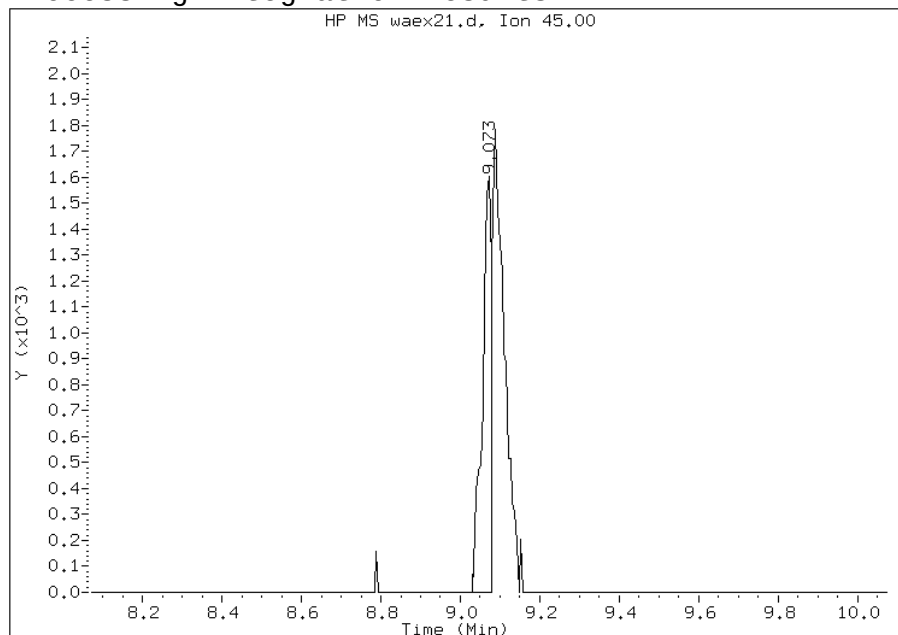
File Uploaded By: ahk
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: waex21.d
Lab Sample ID: 200-15554-4
Inj. Date and Time: 24-MAR-2013 08:02
Instrument ID: W.i
Client ID: 4360
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 03/25/2013

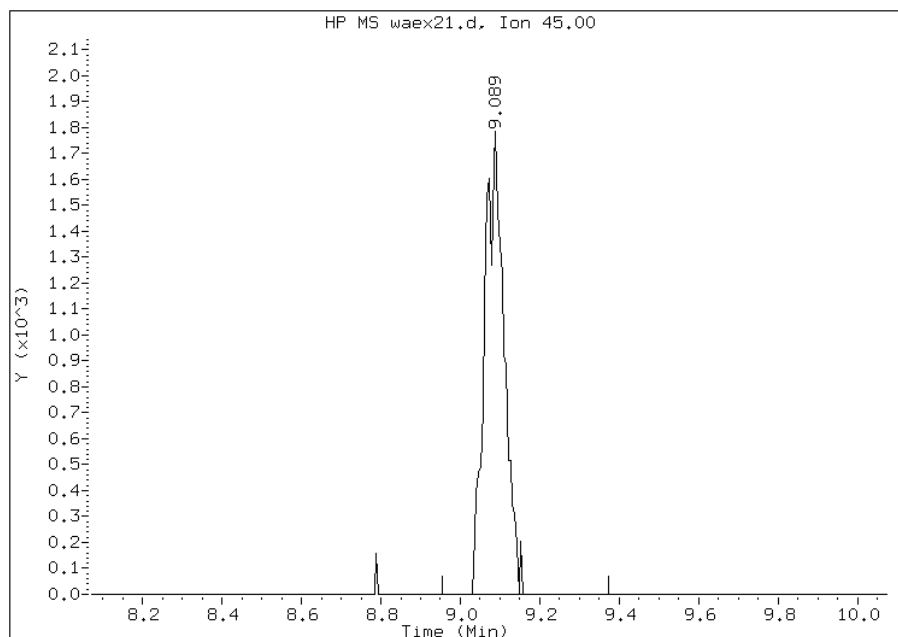
Processing Integration Results

RT: 9.07
Response: 2509
Amount: 0.084193
Conc: 0.016839



Manual Integration Results

RT: 9.09
Response: 6170
Amount: 0.207044
Conc: 0.041409



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 2851 Lab Sample ID: 200-15554-5
 Matrix: Air Lab File ID: waeaa09.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 03/26/2013 22:08
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 2851 Lab Sample ID: 200-15554-5

Matrix: Air Lab File ID: waeaa09.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/26/2013 22:08

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 2851 Lab Sample ID: 200-15554-5
Matrix: Air Lab File ID: waeaa09.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/26/2013 22:08
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-5
 Client Smp ID: 2851
 Inj Date : 26-MAR-2013 22:08
 Operator : pad
 Smp Info : 200-15554-A-5
 Misc Info : 1000,0.2
 Comment :
 Method : /chem/W.i/Wsvr.p/waea015.b/to15v5.m
 Meth Date : 28-Mar-2013 16:28 ahk
 Cal Date : 14-FEB-2013 00:45
 Als bottle: 8
 Dil Factor: 0.20000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: W.i
 Quant Type: ISTD
 Cal File: wae011.d
 Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.023	5.034	(0.389)	3701	0.15455	0.031(a)
6 Butane	43	5.296	5.301	(0.410)	2305	0.06638	0.013(aM)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound Not Detected.				
20 Acetone	43	8.811	8.805 (0.683)		33430	0.87701	0.18(a)
21 Carbon disulfide	76		Compound Not Detected.				
22 Isopropanol	45	9.078	9.073 (0.704)		9318	0.30700	0.061(a)
23 Allyl chloride	41		Compound Not Detected.				
25 Methylene chloride	49	9.774	9.784 (0.757)		4322	0.15136	0.030(aQ)
26 Tert-butyl alcohol	59		Compound Not Detected.				
27 Methyl tert-butyl ether	73		Compound Not Detected.				
28 1,2-Dichloroethene (trans)	61		Compound Not Detected.				
30 n-Hexane	57		Compound Not Detected.				
31 1,1-Dichloroethane	63		Compound Not Detected.				
32 Vinyl acetate	43		Compound Not Detected.				
M 33 1,2-Dichloroethene, Total	61		Compound Not Detected.				
34 1,2-Dichloroethene (cis)	96		Compound Not Detected.				
35 Ethyl acetate	88		Compound Not Detected.				
36 Methyl Ethyl Ketone	72	12.464	12.459 (0.966)		797	0.03467	0.0069(aQM)
* 37 Bromochloromethane	128	12.903	12.919 (1.000)		446684	10.0000	(Q)
38 Tetrahydrofuran	42		Compound Not Detected.				
39 Chloroform	83		Compound Not Detected.				
40 Cyclohexane	84		Compound Not Detected.				
41 1,1,1-Trichloroethane	97		Compound Not Detected.				
42 Carbon tetrachloride	117		Compound Not Detected.				
43 2,2,4-Trimethylpentane	57		Compound Not Detected.				
44 Benzene	78		Compound Not Detected.				
45 1,2-Dichloroethane	62		Compound Not Detected.				
46 n-Heptane	43		Compound Not Detected.				
* 47 1,4-Difluorobenzene	114	14.834	14.850 (1.000)		2178262	10.0000	
49 Trichloroethene	95		Compound Not Detected.				
50 1,2-Dichloropropane	63		Compound Not Detected.				
51 Methyl methacrylate	69		Compound Not Detected.				
53 1,4-Dioxane	88		Compound Not Detected.				
54 Bromodichloromethane	83		Compound Not Detected.				
55 1,3-Dichloropropene (cis)	75		Compound Not Detected.				
56 Methyl isobutyl ketone	43		Compound Not Detected.				
58 Toluene	92		Compound Not Detected.				
59 1,3-Dichloropropene (trans)	75		Compound Not Detected.				
60 1,1,2-Trichloroethane	83		Compound Not Detected.				
61 Tetrachloroethene	166		Compound Not Detected.				
62 2-Hexanone	43		Compound Not Detected.				
63 Dibromochloromethane	129		Compound Not Detected.				
64 1,2-Dibromoethane	107		Compound Not Detected.				
* 65 Chlorobenzene-d5	117	20.591	20.601 (1.000)		2017975	10.0000	
66 Chlorobenzene	112		Compound Not Detected.				
68 Ethylbenzene	91		Compound Not Detected.				
69 Xylene (m,p)	106		Compound Not Detected.				
M 70 Xylenes, Total	106		Compound Not Detected.				
71 Xylene (o)	106		Compound Not Detected.				

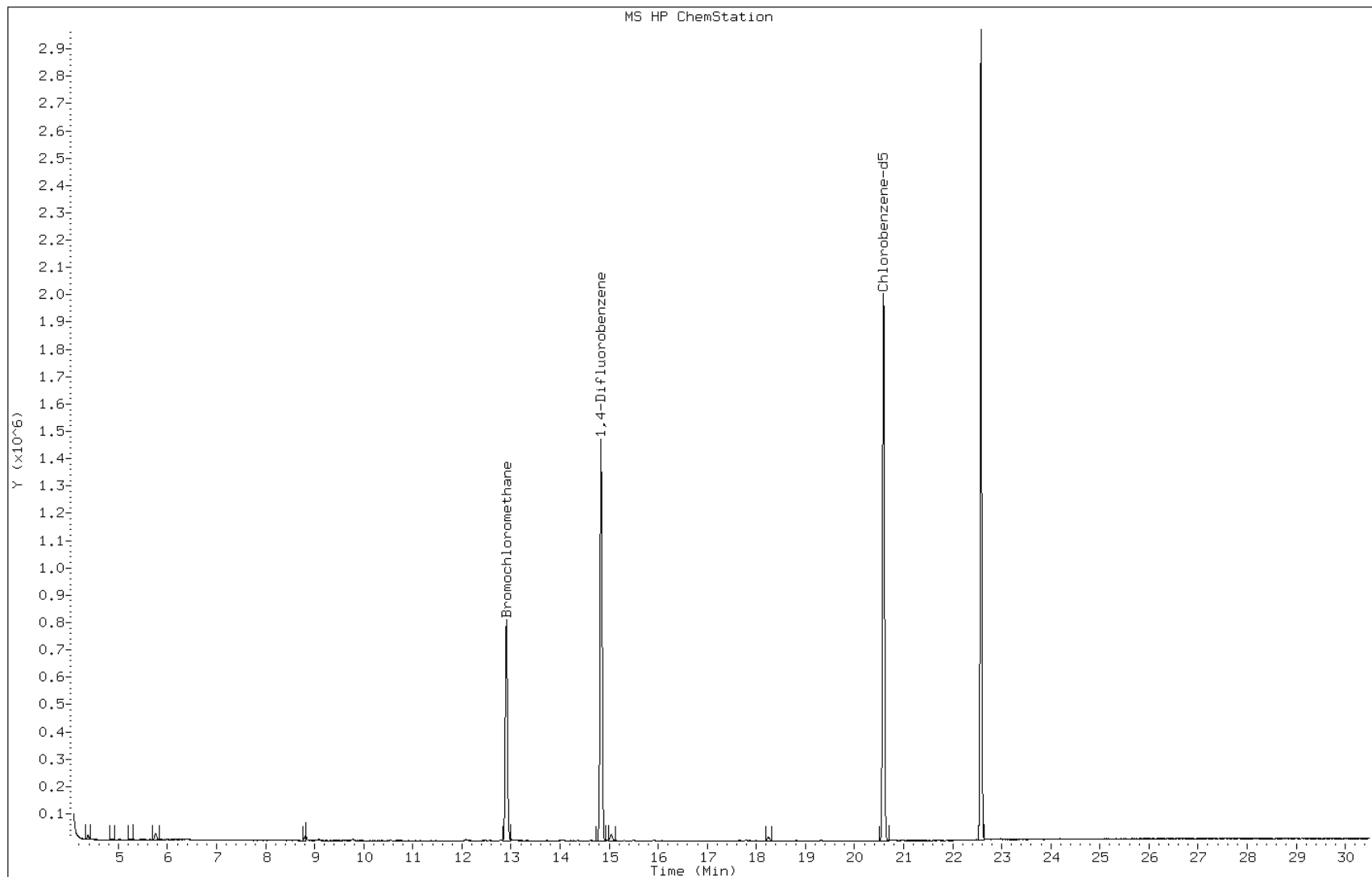
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa09.d
Client ID: 2851
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-5
Lab Sample ID: 200-15554-5

Date: 26-MAR-2013 22:08
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

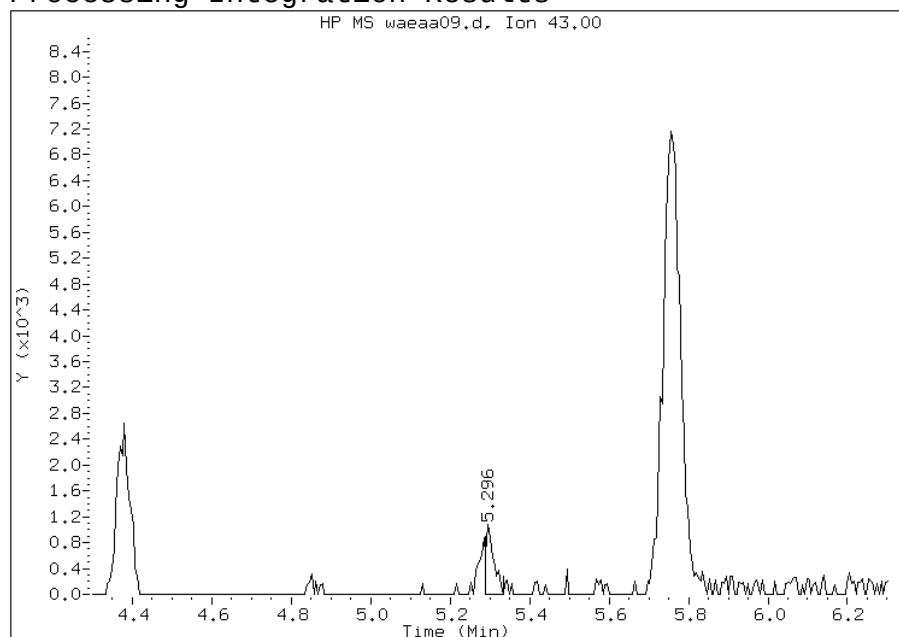


Manual Integration Report

Data File: waeaa09.d
Lab Sample ID: 200-15554-5
Inj. Date and Time: 26-MAR-2013 22:08
Instrument ID: W.i
Client ID: 2851
Compound: 6 Butane
CAS #: 106-97-8
Report Date: 03/28/2013

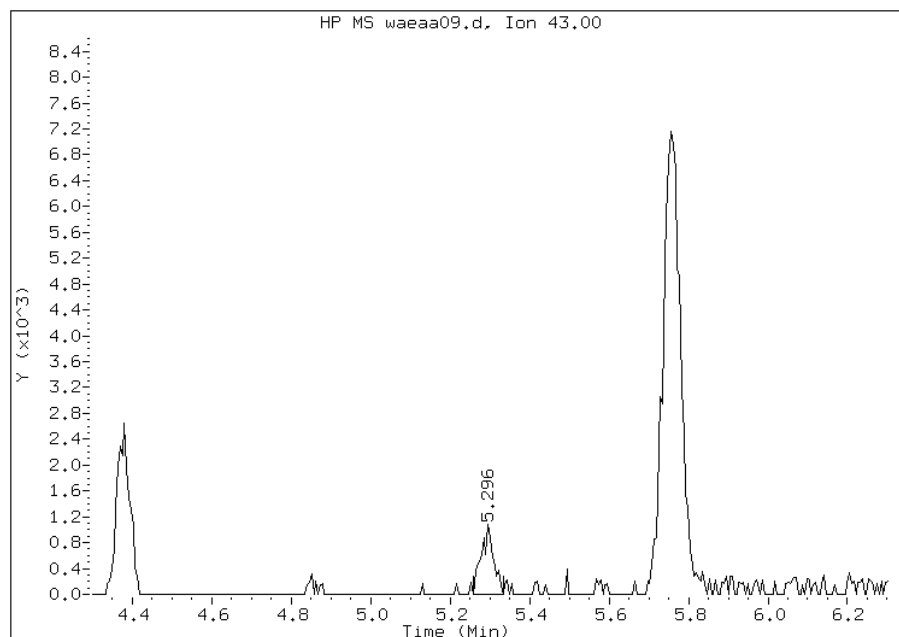
Processing Integration Results

RT: 5.30
Response: 1417
Amount: 0.040809
Conc: 0.008162



Manual Integration Results

RT: 5.30
Response: 2305
Amount: 0.066383
Conc: 0.013277



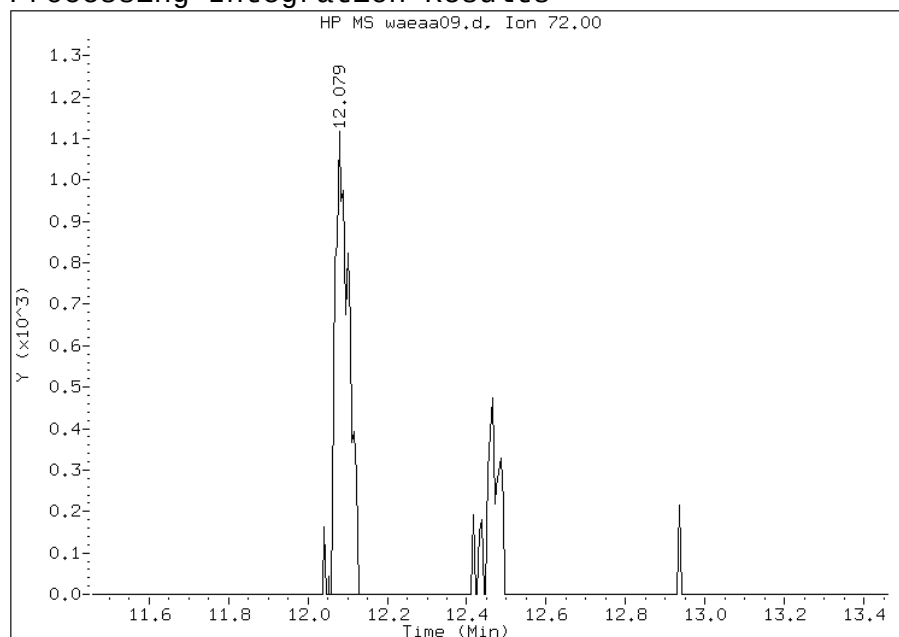
File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

Manual Integration Report

Data File: waeaa09.d
Lab Sample ID: 200-15554-5
Inj. Date and Time: 26-MAR-2013 22:08
Instrument ID: W.i
Client ID: 2851
Compound: 36 Methyl Ethyl Ketone
CAS #: 78-93-3
Report Date: 03/28/2013

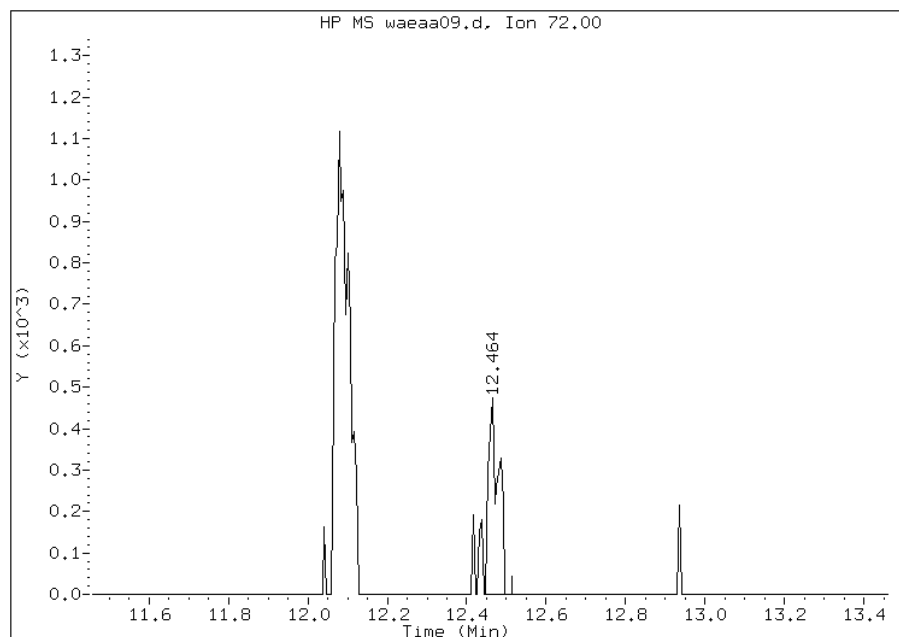
Processing Integration Results

RT: 12.08
Response: 2601
Amount: 0.113136
Conc: 0.022627



Manual Integration Results

RT: 12.46
Response: 797
Amount: 0.034667
Conc: 0.006933



File Uploaded By: ahk
Manual Integration Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 2637 Lab Sample ID: 200-15554-6
 Matrix: Air Lab File ID: waeaa10.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 03/26/2013 23:16
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 2637 Lab Sample ID: 200-15554-6
 Matrix: Air Lab File ID: waeaa10.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/26/2013 23:16
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 2637 Lab Sample ID: 200-15554-6
Matrix: Air Lab File ID: waeaa10.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/26/2013 23:16
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-6
Client Smp ID: 2637
Inj Date : 26-MAR-2013 23:16
Operator : pad
Smp Info : 200-15554-A-6
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waeaat15.b/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 9
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41							
2 Dichlorodifluoromethane	85							
3 Chlorodifluoromethane	51							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50	5.018	5.034	(0.389)	6823		0.24046	0.048(a)
6 Butane	43	5.296	5.301	(0.410)	3582		0.08707	0.017(a)
7 Vinyl chloride	62							
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101							
15 Ethanol	45							
17 1,1,2-Trichloro-1,2,2-trifluo	101							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96				Compound Not Detected.		
20 Acetone	43	8.816	8.805	(0.683)	17504	0.38756	0.078(aQ)
21 Carbon disulfide	76				Compound Not Detected.		
22 Isopropanol	45	9.078	9.073	(0.703)	7407	0.20597	0.041(a)
23 Allyl chloride	41				Compound Not Detected.		
25 Methylene chloride	49				Compound Not Detected.		
26 Tert-butyl alcohol	59				Compound Not Detected.		
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
32 Vinyl acetate	43				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
35 Ethyl acetate	88				Compound Not Detected.		
36 Methyl Ethyl Ketone	72				Compound Not Detected.		
* 37 Bromochloromethane	128	12.909	12.919	(1.000)	529250	10.0000	(Q)
38 Tetrahydrofuran	42				Compound Not Detected.		
39 Chloroform	83				Compound Not Detected.		
40 Cyclohexane	84				Compound Not Detected.		
41 1,1,1-Trichloroethane	97				Compound Not Detected.		
42 Carbon tetrachloride	117				Compound Not Detected.		
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78				Compound Not Detected.		
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	2697960	10.0000	
49 Trichloroethene	95				Compound Not Detected.		
50 1,2-Dichloropropane	63				Compound Not Detected.		
51 Methyl methacrylate	69				Compound Not Detected.		
53 1,4-Dioxane	88				Compound Not Detected.		
54 Bromodichloromethane	83				Compound Not Detected.		
55 1,3-Dichloropropene (cis)	75				Compound Not Detected.		
56 Methyl isobutyl ketone	43				Compound Not Detected.		
58 Toluene	92				Compound Not Detected.		
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166				Compound Not Detected.		
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2381905	10.0000	
66 Chlorobenzene	112				Compound Not Detected.		
68 Ethylbenzene	91				Compound Not Detected.		
69 Xylene (m,p)	106				Compound Not Detected.		
M 70 Xylenes, Total	106				Compound Not Detected.		
71 Xylene (o)	106				Compound Not Detected.		

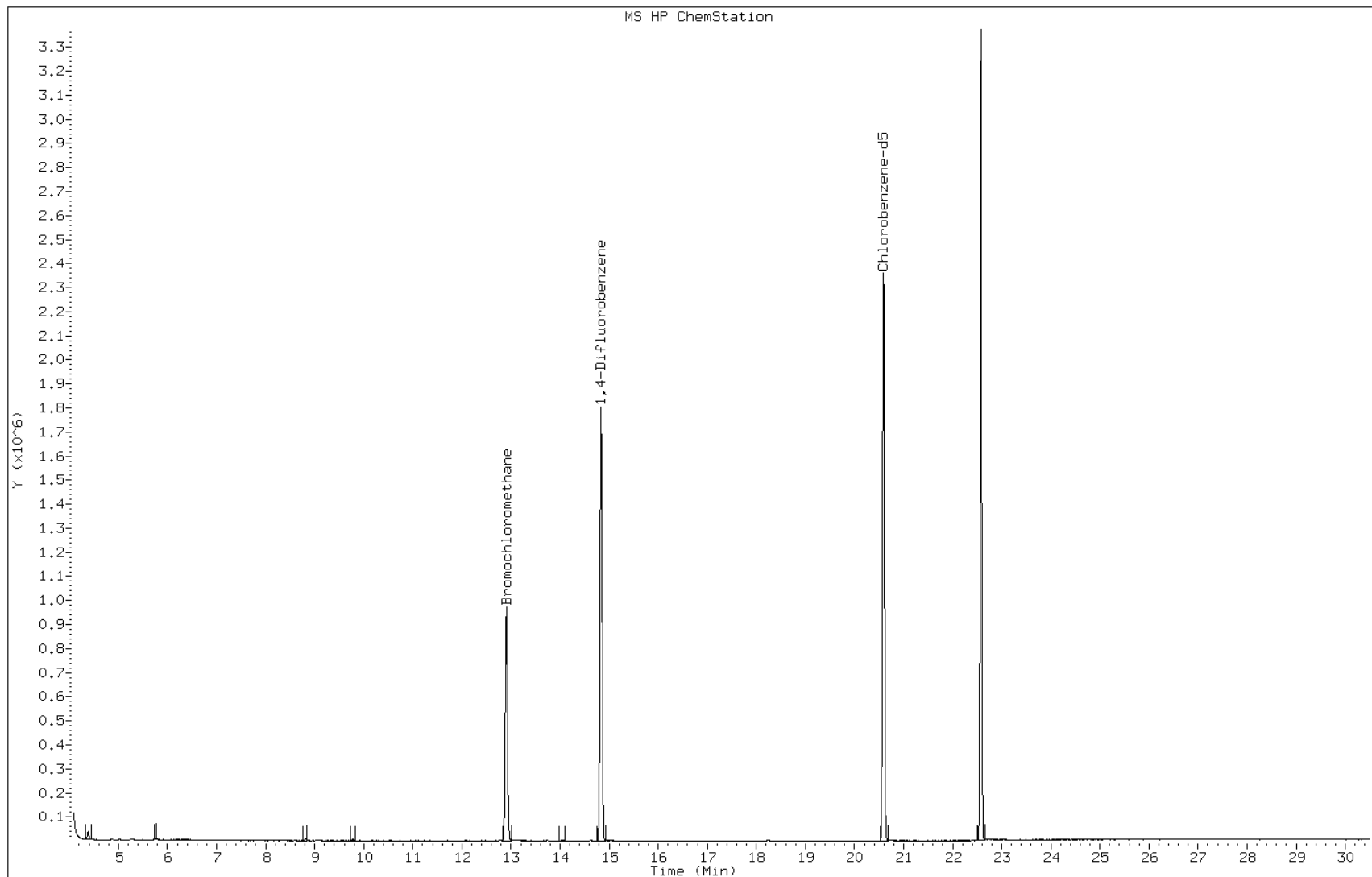
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====			=====	=====	
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: waeaa10.d
Client ID: 2637
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-6
Lab Sample ID: 200-15554-6

Date: 26-MAR-2013 23:16
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 2878 Lab Sample ID: 200-15554-7
 Matrix: Air Lab File ID: waeaall.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 03/27/2013 00:23
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 2878 Lab Sample ID: 200-15554-7
 Matrix: Air Lab File ID: waeaall.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 00:23
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 2878 Lab Sample ID: 200-15554-7
Matrix: Air Lab File ID: waeaall.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 00:23
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-7
 Client Smp ID: 2878
 Inj Date : 27-MAR-2013 00:23
 Operator : pad
 Smp Info : 200-15554-A-7
 Misc Info : 1000,0.2
 Comment :
 Method : /chem/W.i/Wsvr.p/waeaat15.b/to15v5.m
 Meth Date : 28-Mar-2013 16:28 ahk
 Cal Date : 14-FEB-2013 00:45
 Als bottle: 10
 Dil Factor: 0.20000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: W.i
 Quant Type: ISTD
 Cal File: wae011.d
 Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.023	5.034	(0.389)	5363	0.19040	0.038(aQ)
6 Butane	43	5.290	5.301	(0.410)	3803	0.09312	0.019(a)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound	Not Detected.			
20 Acetone	43	8.821	8.805	(0.683)	29842	0.66561	0.13(a)
21 Carbon disulfide	76	9.030	9.041	(0.700)	18616	0.11907	0.024(a)
22 Isopropanol	45		Compound	Not Detected.			
23 Allyl chloride	41		Compound	Not Detected.			
25 Methylene chloride	49	9.784	9.784	(0.758)	3182	0.09474	0.019(aQ)
26 Tert-butyl alcohol	59		Compound	Not Detected.			
27 Methyl tert-butyl ether	73		Compound	Not Detected.			
28 1,2-Dichloroethene (trans)	61		Compound	Not Detected.			
30 n-Hexane	57		Compound	Not Detected.			
31 1,1-Dichloroethane	63		Compound	Not Detected.			
32 Vinyl acetate	43		Compound	Not Detected.			
M 33 1,2-Dichloroethene, Total	61		Compound	Not Detected.			
34 1,2-Dichloroethene (cis)	96		Compound	Not Detected.			
35 Ethyl acetate	88		Compound	Not Detected.			
36 Methyl Ethyl Ketone	72		Compound	Not Detected.			
* 37 Bromochloromethane	128	12.908	12.919	(1.000)	525384	10.0000	(Q)
38 Tetrahydrofuran	42		Compound	Not Detected.			
39 Chloroform	83		Compound	Not Detected.			
40 Cyclohexane	84		Compound	Not Detected.			
41 1,1,1-Trichloroethane	97		Compound	Not Detected.			
42 Carbon tetrachloride	117		Compound	Not Detected.			
43 2,2,4-Trimethylpentane	57		Compound	Not Detected.			
44 Benzene	78		Compound	Not Detected.			
45 1,2-Dichloroethane	62		Compound	Not Detected.			
46 n-Heptane	43		Compound	Not Detected.			
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	2662101	10.0000	
49 Trichloroethene	95		Compound	Not Detected.			
50 1,2-Dichloropropane	63		Compound	Not Detected.			
51 Methyl methacrylate	69		Compound	Not Detected.			
53 1,4-Dioxane	88		Compound	Not Detected.			
54 Bromodichloromethane	83		Compound	Not Detected.			
55 1,3-Dichloropropene (cis)	75		Compound	Not Detected.			
56 Methyl isobutyl ketone	43		Compound	Not Detected.			
58 Toluene	92		Compound	Not Detected.			
59 1,3-Dichloropropene (trans)	75		Compound	Not Detected.			
60 1,1,2-Trichloroethane	83		Compound	Not Detected.			
61 Tetrachloroethene	166		Compound	Not Detected.			
62 2-Hexanone	43		Compound	Not Detected.			
63 Dibromochloromethane	129		Compound	Not Detected.			
64 1,2-Dibromoethane	107		Compound	Not Detected.			
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2356117	10.0000	
66 Chlorobenzene	112		Compound	Not Detected.			
68 Ethylbenzene	91		Compound	Not Detected.			
69 Xylene (m,p)	106		Compound	Not Detected.			
M 70 Xylenes, Total	106		Compound	Not Detected.			
71 Xylene (o)	106		Compound	Not Detected.			

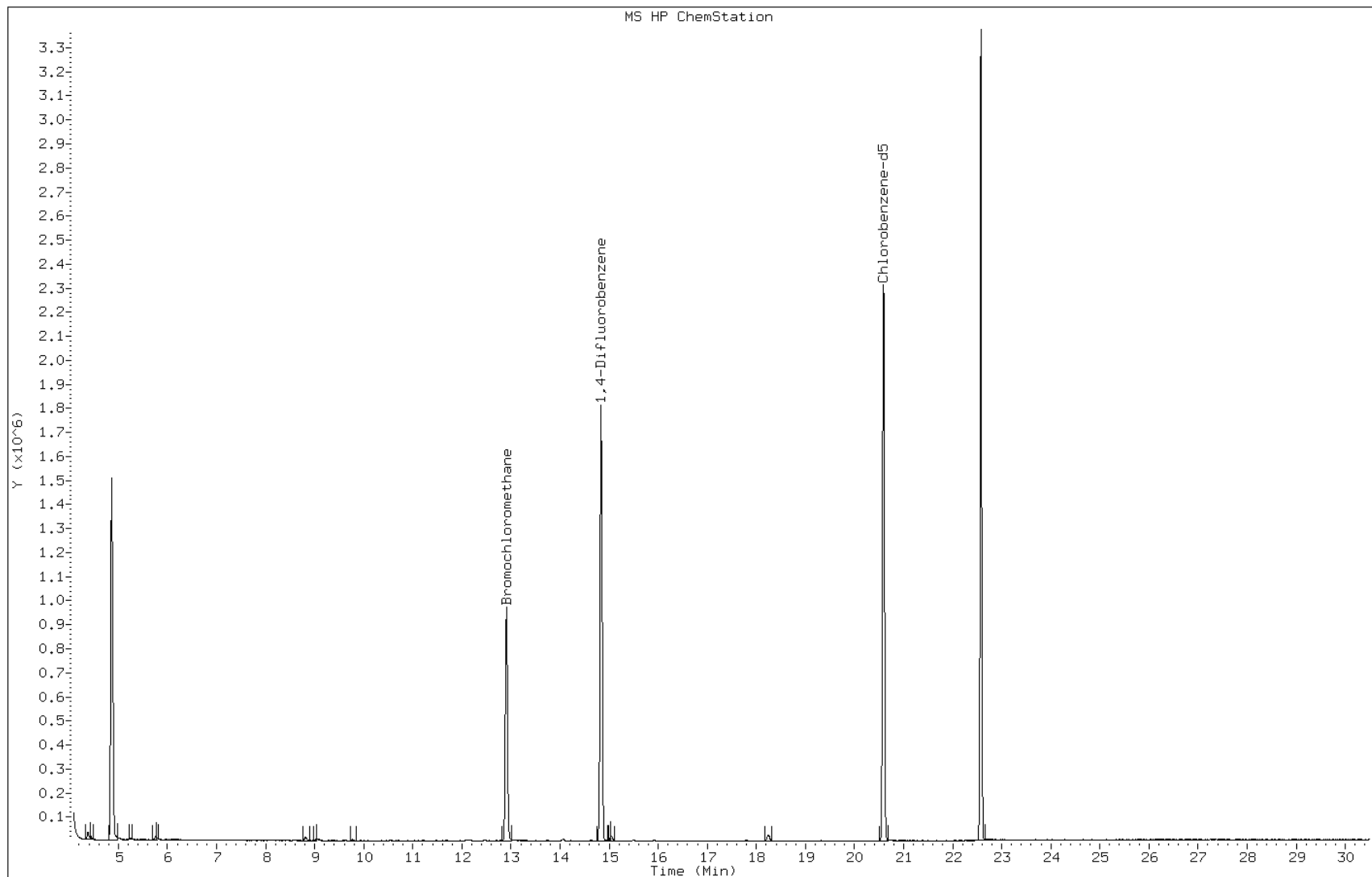
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: waeaa11.d
Client ID: 2878
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-7
Lab Sample ID: 200-15554-7

Date: 27-MAR-2013 00:23
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 4571 Lab Sample ID: 200-15554-8
 Matrix: Air Lab File ID: waeaal2.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 03/27/2013 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 4571 Lab Sample ID: 200-15554-8

Matrix: Air Lab File ID: waeaal2.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 01:30

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 4571 Lab Sample ID: 200-15554-8
Matrix: Air Lab File ID: waeaal2.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 01:30
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-8
Client Smp ID: 4571
Inj Date : 27-MAR-2013 01:30
Operator : pad
Smp Info : 200-15554-A-8
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waeaat15.b/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 11
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.034	5.034	(0.390)	5233	0.19338	0.039(a)
6 Butane	43	5.291	5.301	(0.410)	3751	0.09560	0.019(aQ)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound	Not Detected.			
20 Acetone	43	8.811	8.805	(0.683)	95033	2.20633	0.44(a)
21 Carbon disulfide	76		Compound	Not Detected.			
22 Isopropanol	45	9.089	9.073	(0.704)	7651	0.22308	0.045(a)
23 Allyl chloride	41		Compound	Not Detected.			
25 Methylene chloride	49		Compound	Not Detected.			
26 Tert-butyl alcohol	59		Compound	Not Detected.			
27 Methyl tert-butyl ether	73		Compound	Not Detected.			
28 1,2-Dichloroethene (trans)	61		Compound	Not Detected.			
30 n-Hexane	57		Compound	Not Detected.			
31 1,1-Dichloroethane	63		Compound	Not Detected.			
32 Vinyl acetate	43		Compound	Not Detected.			
M 33 1,2-Dichloroethene, Total	61		Compound	Not Detected.			
34 1,2-Dichloroethene (cis)	96		Compound	Not Detected.			
35 Ethyl acetate	88		Compound	Not Detected.			
36 Methyl Ethyl Ketone	72	12.454	12.459	(0.965)	2610	0.10047	0.020(aQ)
* 37 Bromochloromethane	128	12.909	12.919	(1.000)	504745	10.0000	(Q)
38 Tetrahydrofuran	42		Compound	Not Detected.			
39 Chloroform	83		Compound	Not Detected.			
40 Cyclohexane	84		Compound	Not Detected.			
41 1,1,1-Trichloroethane	97		Compound	Not Detected.			
42 Carbon tetrachloride	117		Compound	Not Detected.			
43 2,2,4-Trimethylpentane	57		Compound	Not Detected.			
44 Benzene	78	14.069	14.075	(0.948)	9902	0.05382	0.011(aM)
45 1,2-Dichloroethane	62		Compound	Not Detected.			
46 n-Heptane	43		Compound	Not Detected.			
* 47 1,4-Difluorobenzene	114	14.840	14.850	(1.000)	2553279	10.0000	
49 Trichloroethene	95		Compound	Not Detected.			
50 1,2-Dichloropropane	63		Compound	Not Detected.			
51 Methyl methacrylate	69		Compound	Not Detected.			
53 1,4-Dioxane	88		Compound	Not Detected.			
54 Bromodichloromethane	83		Compound	Not Detected.			
55 1,3-Dichloropropene (cis)	75		Compound	Not Detected.			
56 Methyl isobutyl ketone	43		Compound	Not Detected.			
58 Toluene	92		Compound	Not Detected.			
59 1,3-Dichloropropene (trans)	75		Compound	Not Detected.			
60 1,1,2-Trichloroethane	83		Compound	Not Detected.			
61 Tetrachloroethene	166		Compound	Not Detected.			
62 2-Hexanone	43		Compound	Not Detected.			
63 Dibromochloromethane	129		Compound	Not Detected.			
64 1,2-Dibromoethane	107		Compound	Not Detected.			
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2246834	10.0000	
66 Chlorobenzene	112		Compound	Not Detected.			
68 Ethylbenzene	91		Compound	Not Detected.			
69 Xylene (m,p)	106		Compound	Not Detected.			
M 70 Xylenes, Total	106		Compound	Not Detected.			
71 Xylene (o)	106		Compound	Not Detected.			

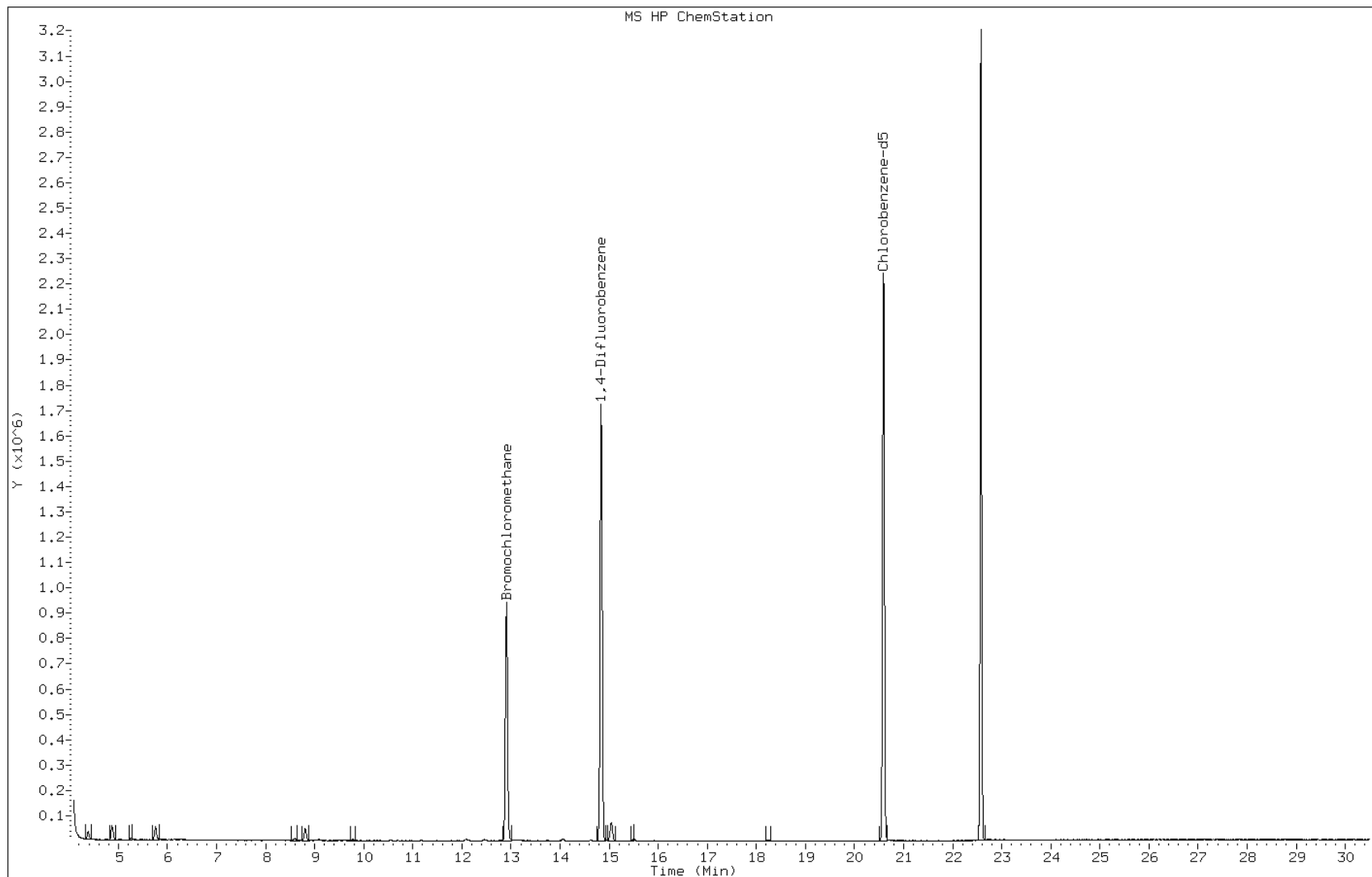
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104						Compound Not Detected.		
73 Bromoform	173						Compound Not Detected.		
74 Isopropylbenzene	105						Compound Not Detected.		
75 1,1,2,2-Tetrachloroethane	83						Compound Not Detected.		
76 n-Propylbenzene	91						Compound Not Detected.		
79 4-Ethyltoluene	105						Compound Not Detected.		
80 2-Chlorotoluene	91						Compound Not Detected.		
81 1,3,5-Trimethylbenzene	105						Compound Not Detected.		
83 tert-butylbenzene	119						Compound Not Detected.		
84 1,2,4-Trimethylbenzene	105						Compound Not Detected.		
85 sec-Butylbenzene	105						Compound Not Detected.		
86 4-Isopropyltoluene	119						Compound Not Detected.		
87 1,3-Dichlorobenzene	146						Compound Not Detected.		
88 1,4-Dichlorobenzene	146						Compound Not Detected.		
89 Benzyl chloride	91						Compound Not Detected.		
91 n-Butylbenzene	91						Compound Not Detected.		
92 1,2-Dichlorobenzene	146						Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180						Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225						Compound Not Detected.		
96 Naphthalene	128						Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa12.d
Client ID: 4571
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-8
Lab Sample ID: 200-15554-8

Date: 27-MAR-2013 01:30
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

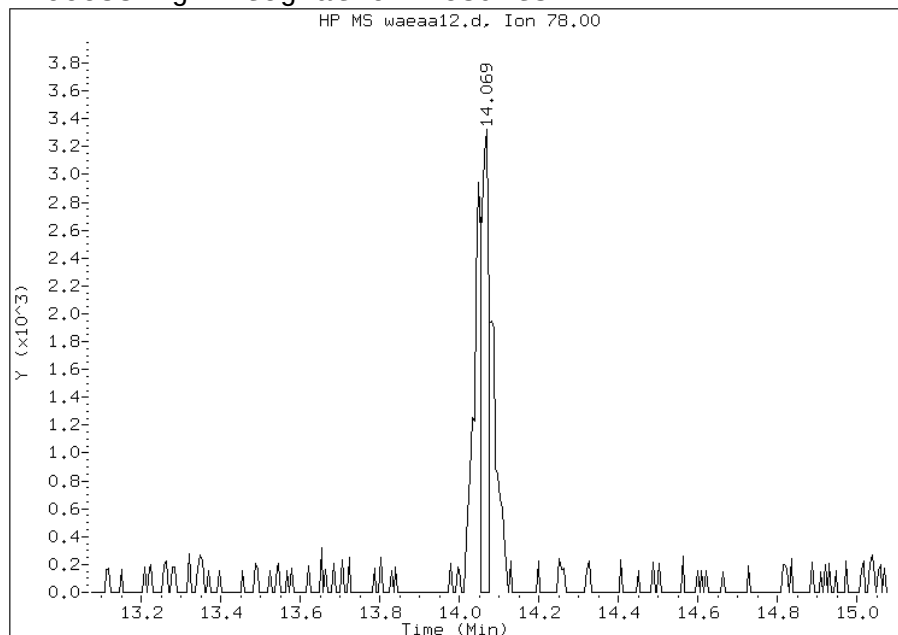


Manual Integration Report

Data File: waeaa12.d
Lab Sample ID: 200-15554-8
Inj. Date and Time: 27-MAR-2013 01:30
Instrument ID: W.i
Client ID: 4571
Compound: 44 Benzene
CAS #: 71-43-2
Report Date: 03/28/2013

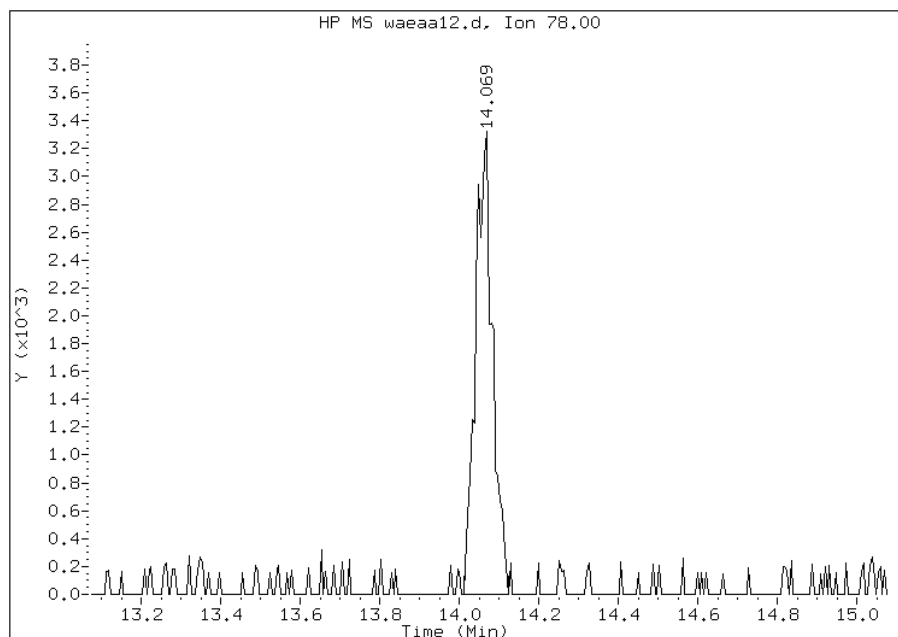
Processing Integration Results

RT: 14.07
Response: 4461
Amount: 0.024246
Conc: 0.004849



Manual Integration Results

RT: 14.07
Response: 9902
Amount: 0.053818
Conc: 0.010764



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 3232 Lab Sample ID: 200-15554-9
 Matrix: Air Lab File ID: waeaa13.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 02:37
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 3232 Lab Sample ID: 200-15554-9
 Matrix: Air Lab File ID: waeaa13.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 02:37
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 3232 Lab Sample ID: 200-15554-9
Matrix: Air Lab File ID: waeaa13.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 02:37
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-9
Client Smp ID: 3232
Inj Date : 27-MAR-2013 02:37
Operator : pad
Smp Info : 200-15554-A-9
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waea15.b/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 12
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.028	5.034	(0.390)	5486	0.20361	0.041(a)
6 Butane	43	5.280	5.301	(0.409)	3248	0.08314	0.017(aQ)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound Not Detected.				
20 Acetone	43	8.821	8.805 (0.683)		19262	0.44913	0.090(aM)
21 Carbon disulfide	76		Compound Not Detected.				
22 Isopropanol	45		Compound Not Detected.				
23 Allyl chloride	41		Compound Not Detected.				
25 Methylene chloride	49	9.773	9.784 (0.757)		3638	0.11324	0.023(aQM)
26 Tert-butyl alcohol	59		Compound Not Detected.				
27 Methyl tert-butyl ether	73		Compound Not Detected.				
28 1,2-Dichloroethene (trans)	61		Compound Not Detected.				
30 n-Hexane	57		Compound Not Detected.				
31 1,1-Dichloroethane	63		Compound Not Detected.				
32 Vinyl acetate	43		Compound Not Detected.				
M 33 1,2-Dichloroethene, Total	61		Compound Not Detected.				
34 1,2-Dichloroethene (cis)	96		Compound Not Detected.				
35 Ethyl acetate	88		Compound Not Detected.				
36 Methyl Ethyl Ketone	72		Compound Not Detected.				
* 37 Bromochloromethane	128	12.908	12.919 (1.000)		502566	10.0000	(Q)
38 Tetrahydrofuran	42		Compound Not Detected.				
39 Chloroform	83		Compound Not Detected.				
40 Cyclohexane	84		Compound Not Detected.				
41 1,1,1-Trichloroethane	97		Compound Not Detected.				
42 Carbon tetrachloride	117		Compound Not Detected.				
43 2,2,4-Trimethylpentane	57		Compound Not Detected.				
44 Benzene	78	14.069	14.075 (0.948)		8358	0.04593	0.0092(a)
45 1,2-Dichloroethane	62		Compound Not Detected.				
46 n-Heptane	43		Compound Not Detected.				
* 47 1,4-Difluorobenzene	114	14.840	14.850 (1.000)		2525211	10.0000	
49 Trichloroethene	95		Compound Not Detected.				
50 1,2-Dichloropropane	63		Compound Not Detected.				
51 Methyl methacrylate	69		Compound Not Detected.				
53 1,4-Dioxane	88		Compound Not Detected.				
54 Bromodichloromethane	83		Compound Not Detected.				
55 1,3-Dichloropropene (cis)	75		Compound Not Detected.				
56 Methyl isobutyl ketone	43		Compound Not Detected.				
58 Toluene	92		Compound Not Detected.				
59 1,3-Dichloropropene (trans)	75		Compound Not Detected.				
60 1,1,2-Trichloroethane	83		Compound Not Detected.				
61 Tetrachloroethene	166		Compound Not Detected.				
62 2-Hexanone	43		Compound Not Detected.				
63 Dibromochloromethane	129		Compound Not Detected.				
64 1,2-Dibromoethane	107		Compound Not Detected.				
* 65 Chlorobenzene-d5	117	20.591	20.601 (1.000)		2235740	10.0000	
66 Chlorobenzene	112		Compound Not Detected.				
68 Ethylbenzene	91		Compound Not Detected.				
69 Xylene (m,p)	106		Compound Not Detected.				
M 70 Xylenes, Total	106		Compound Not Detected.				
71 Xylene (o)	106		Compound Not Detected.				

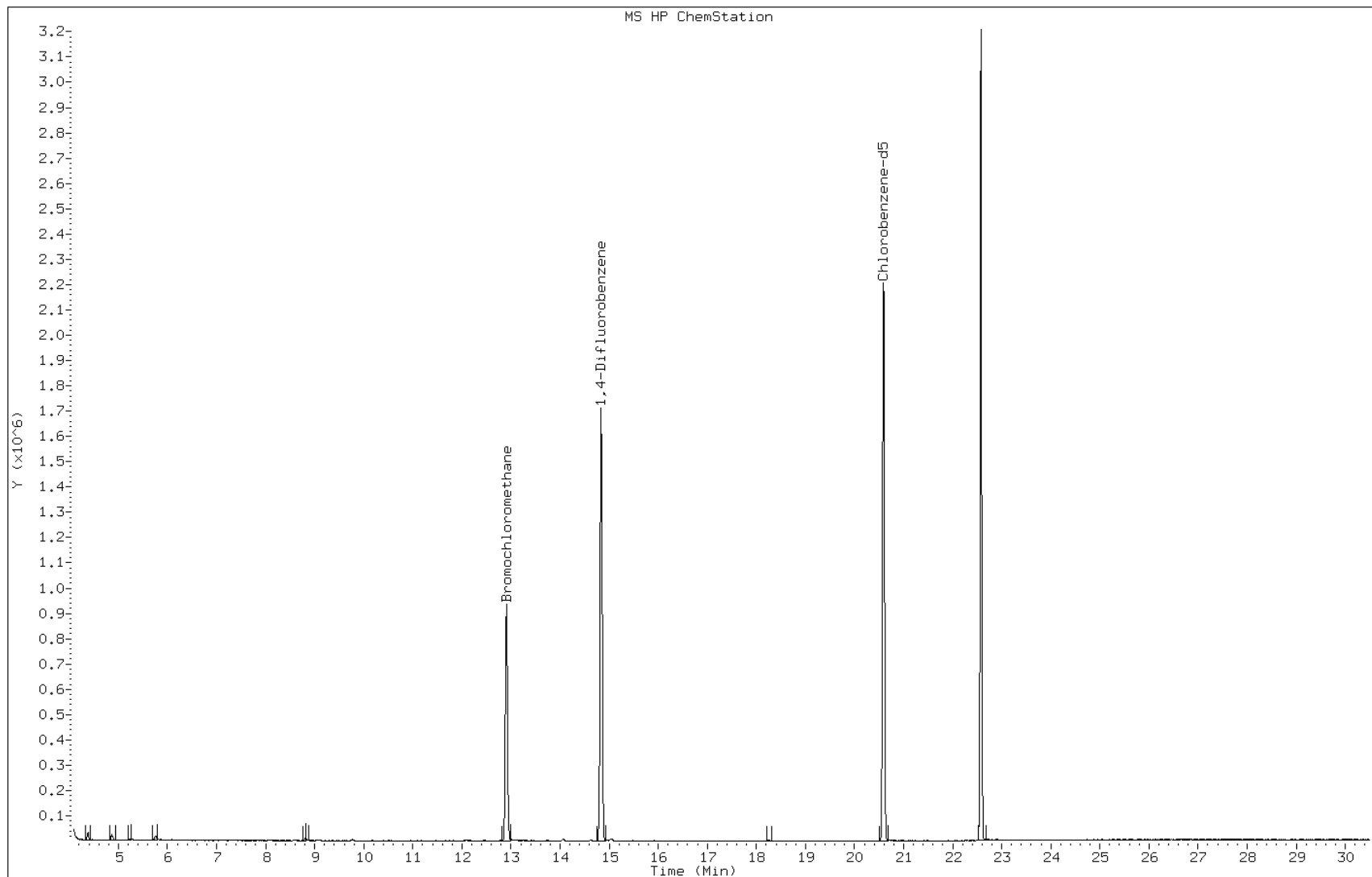
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa13.d
Client ID: 3232
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-9
Lab Sample ID: 200-15554-9

Date: 27-MAR-2013 02:37
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

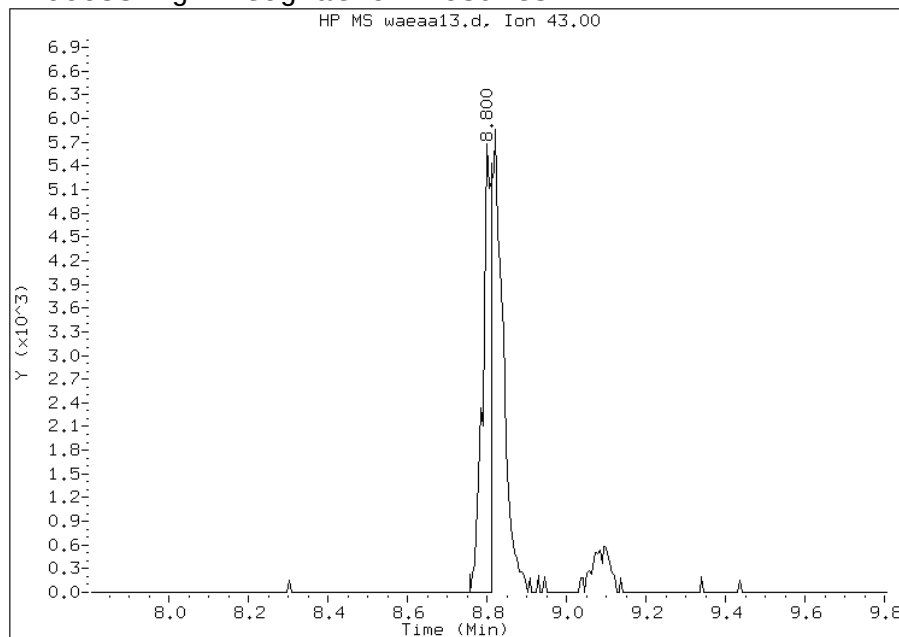


Manual Integration Report

Data File: waeaa13.d
Lab Sample ID: 200-15554-9
Inj. Date and Time: 27-MAR-2013 02:37
Instrument ID: W.i
Client ID: 3232
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 03/28/2013

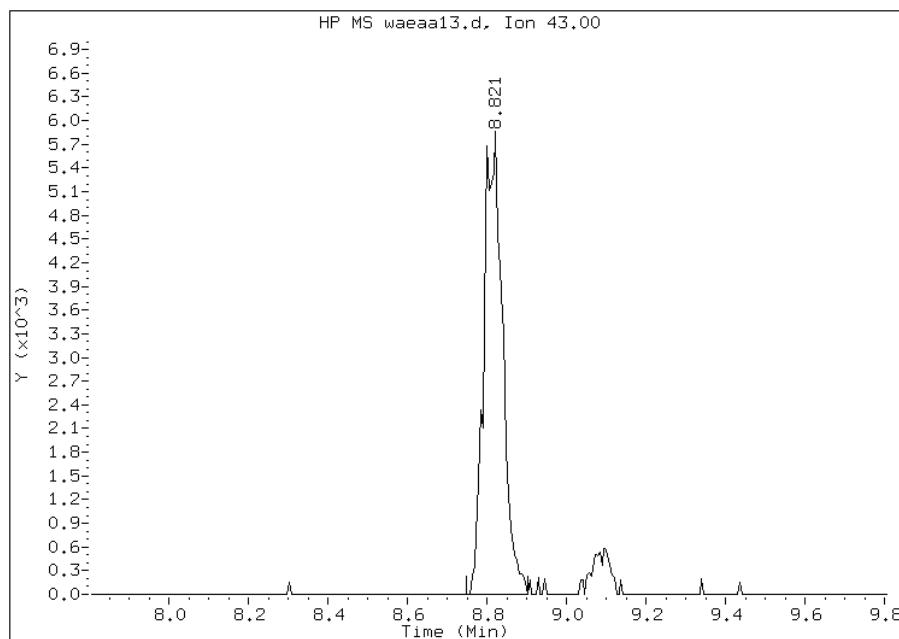
Processing Integration Results

RT: 8.80
Response: 8589
Amount: 0.200271
Conc: 0.040054



Manual Integration Results

RT: 8.82
Response: 19262
Amount: 0.449134
Conc: 0.089827



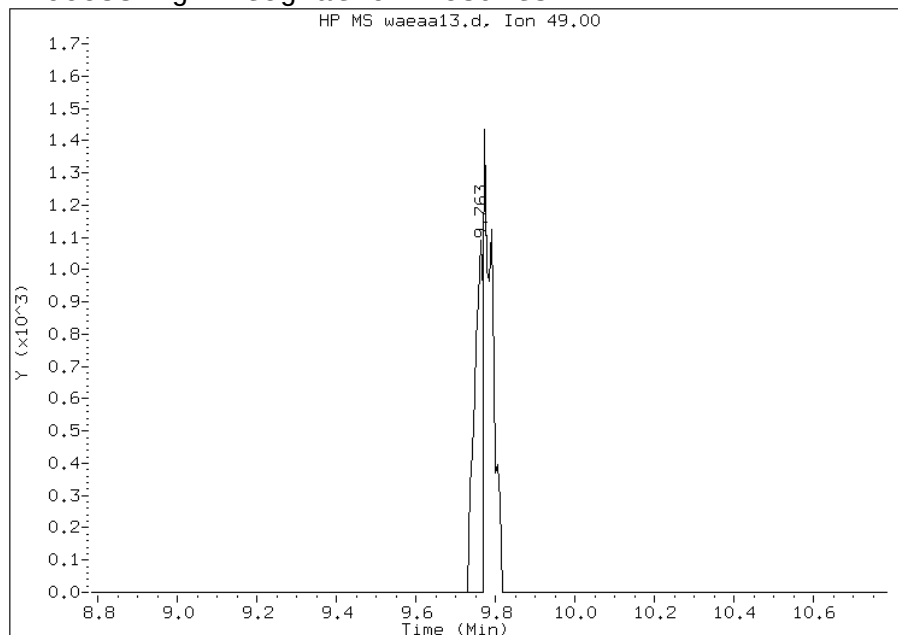
File Uploaded By: ahk
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: waeaa13.d
Lab Sample ID: 200-15554-9
Inj. Date and Time: 27-MAR-2013 02:37
Instrument ID: W.i
Client ID: 3232
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/28/2013

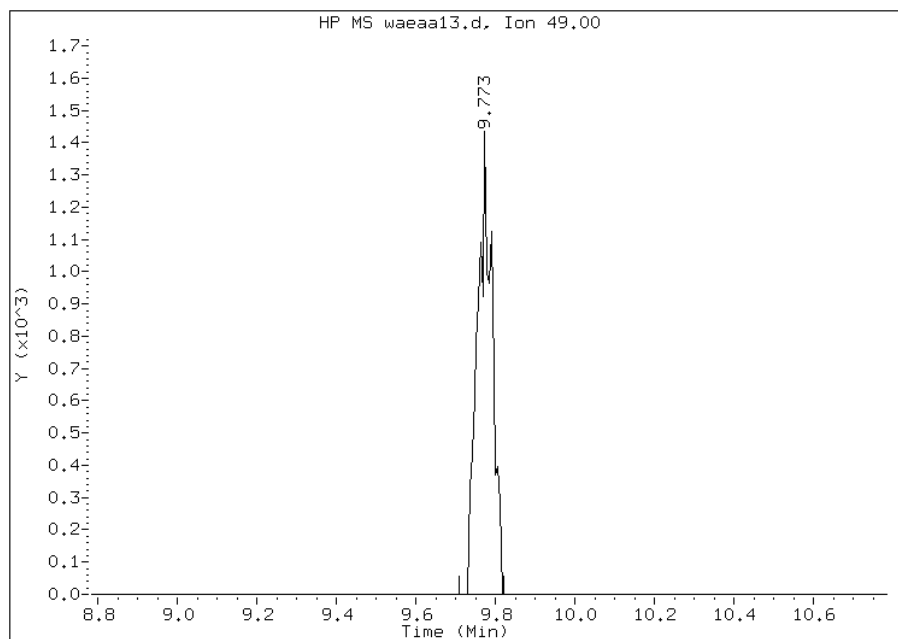
Processing Integration Results

RT: 9.76
Response: 1630
Amount: 0.050737
Conc: 0.010147



Manual Integration Results

RT: 9.77
Response: 3638
Amount: 0.113240
Conc: 0.022648



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 3036 Lab Sample ID: 200-15554-10

Matrix: Air Lab File ID: waeaa14.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 03:43

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 3036 Lab Sample ID: 200-15554-10

Matrix: Air Lab File ID: waeaa14.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 03:43

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 3036 Lab Sample ID: 200-15554-10
Matrix: Air Lab File ID: waeaa14.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 03:43
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-10
Client Smp ID: 3036
Inj Date : 27-MAR-2013 03:43
Operator : pad
Smp Info : 200-15554-A-10
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waeaat15.b/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 13
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.044	5.034	(0.391)	8857	0.31317	0.063(a)
6 Butane	43	5.290	5.301	(0.410)	3464	0.08447	0.017(aQM)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound Not Detected.				
20 Acetone	43	8.811	8.805 (0.683)		32614	0.72448	0.14(a)
21 Carbon disulfide	76	9.024	9.041 (0.699)		16906	0.10770	0.022(a)
22 Isopropanol	45		Compound Not Detected.				
23 Allyl chloride	41		Compound Not Detected.				
25 Methylene chloride	49	9.763	9.784 (0.756)		3618	0.10729	0.021(aQM)
26 Tert-butyl alcohol	59		Compound Not Detected.				
27 Methyl tert-butyl ether	73		Compound Not Detected.				
28 1,2-Dichloroethene (trans)	61		Compound Not Detected.				
30 n-Hexane	57		Compound Not Detected.				
31 1,1-Dichloroethane	63		Compound Not Detected.				
32 Vinyl acetate	43		Compound Not Detected.				
M 33 1,2-Dichloroethene, Total	61		Compound Not Detected.				
34 1,2-Dichloroethene (cis)	96		Compound Not Detected.				
35 Ethyl acetate	88		Compound Not Detected.				
36 Methyl Ethyl Ketone	72	12.448	12.459 (0.964)		1544	0.05687	0.011(aQ)
* 37 Bromochloromethane	128	12.908	12.919 (1.000)		527525	10.0000	(Q)
38 Tetrahydrofuran	42		Compound Not Detected.				
39 Chloroform	83		Compound Not Detected.				
40 Cyclohexane	84		Compound Not Detected.				
41 1,1,1-Trichloroethane	97		Compound Not Detected.				
42 Carbon tetrachloride	117		Compound Not Detected.				
43 2,2,4-Trimethylpentane	57		Compound Not Detected.				
44 Benzene	78	14.069	14.075 (0.948)		12535	0.06511	0.013(aM)
45 1,2-Dichloroethane	62		Compound Not Detected.				
46 n-Heptane	43		Compound Not Detected.				
* 47 1,4-Difluorobenzene	114	14.840	14.850 (1.000)		2671505	10.0000	
49 Trichloroethene	95		Compound Not Detected.				
50 1,2-Dichloropropane	63		Compound Not Detected.				
51 Methyl methacrylate	69		Compound Not Detected.				
53 1,4-Dioxane	88		Compound Not Detected.				
54 Bromodichloromethane	83		Compound Not Detected.				
55 1,3-Dichloropropene (cis)	75		Compound Not Detected.				
56 Methyl isobutyl ketone	43		Compound Not Detected.				
58 Toluene	92		Compound Not Detected.				
59 1,3-Dichloropropene (trans)	75		Compound Not Detected.				
60 1,1,2-Trichloroethane	83		Compound Not Detected.				
61 Tetrachloroethene	166		Compound Not Detected.				
62 2-Hexanone	43		Compound Not Detected.				
63 Dibromochloromethane	129		Compound Not Detected.				
64 1,2-Dibromoethane	107		Compound Not Detected.				
* 65 Chlorobenzene-d5	117	20.591	20.601 (1.000)		2355913	10.0000	
66 Chlorobenzene	112		Compound Not Detected.				
68 Ethylbenzene	91		Compound Not Detected.				
69 Xylene (m,p)	106		Compound Not Detected.				
M 70 Xylenes, Total	106		Compound Not Detected.				
71 Xylene (o)	106		Compound Not Detected.				

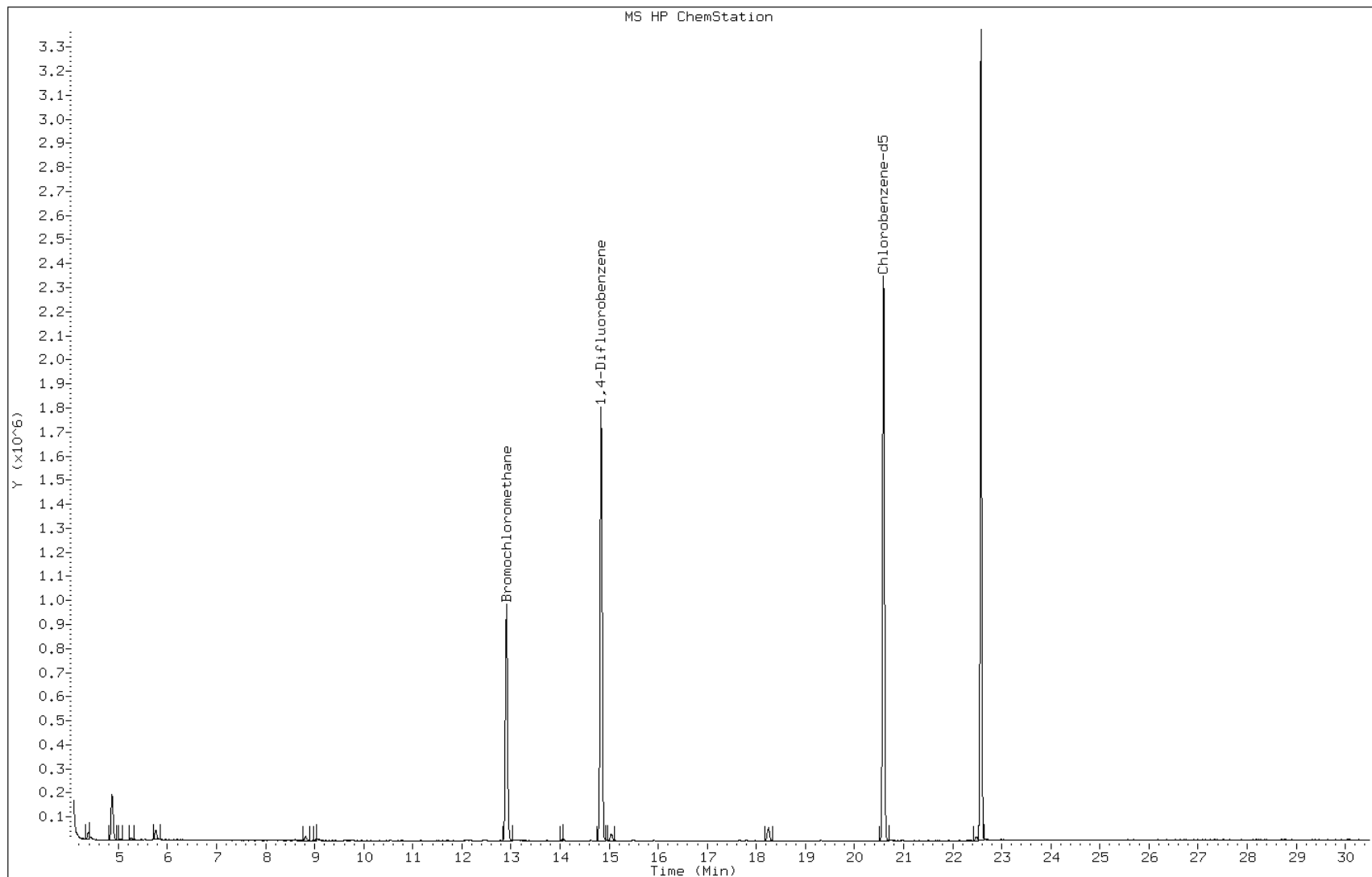
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa14.d
Client ID: 3036
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-10
Lab Sample ID: 200-15554-10

Date: 27-MAR-2013 03:43
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

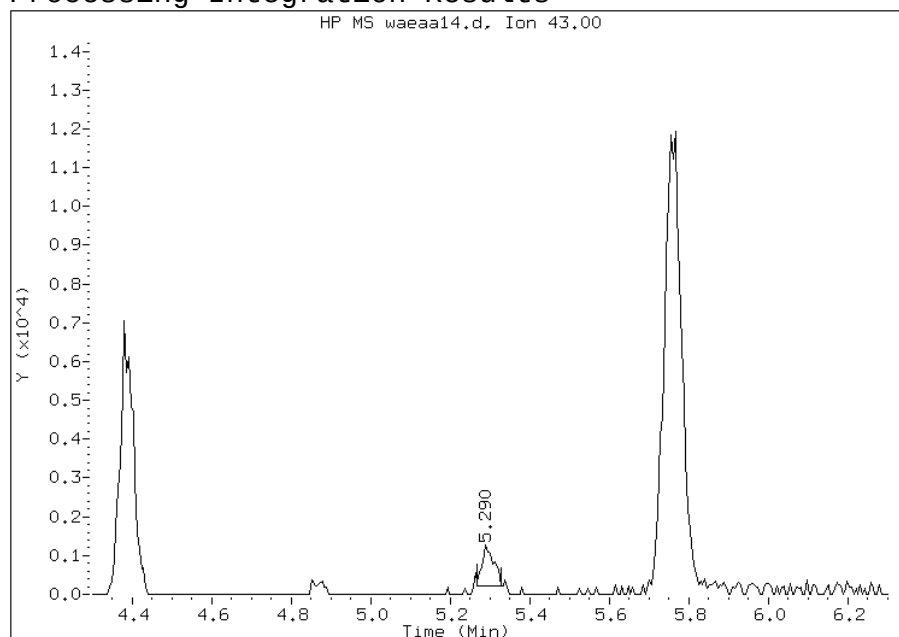


Manual Integration Report

Data File: waeaa14.d
Lab Sample ID: 200-15554-10
Inj. Date and Time: 27-MAR-2013 03:43
Instrument ID: W.i
Client ID: 3036
Compound: 6 Butane
CAS #: 106-97-8
Report Date: 03/28/2013

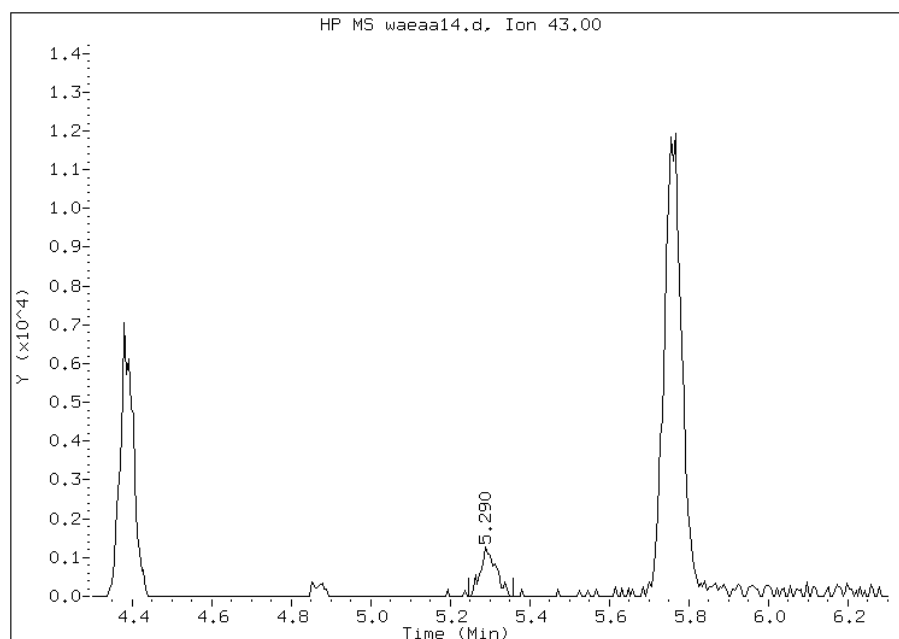
Processing Integration Results

RT: 5.29
Response: 2188
Amount: 0.053357
Conc: 0.010671



Manual Integration Results

RT: 5.29
Response: 3464
Amount: 0.084473
Conc: 0.016895



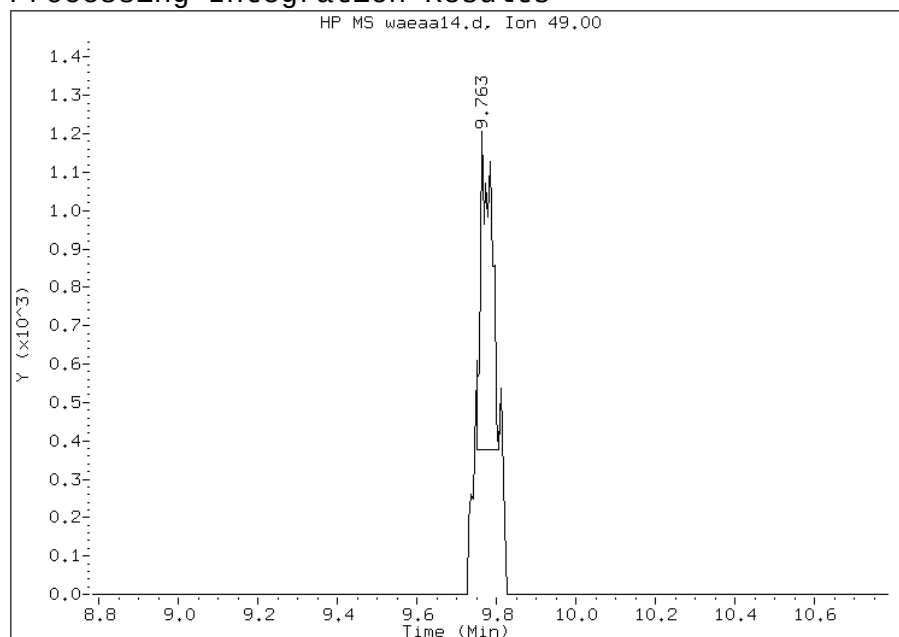
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Manual Integration Reason:

Manual Integration Report

Data File: waeaa14.d
Lab Sample ID: 200-15554-10
Inj. Date and Time: 27-MAR-2013 03:43
Instrument ID: W.i
Client ID: 3036
Compound: 25 Methylene chloride
CAS #: 75-09-2
Report Date: 03/28/2013

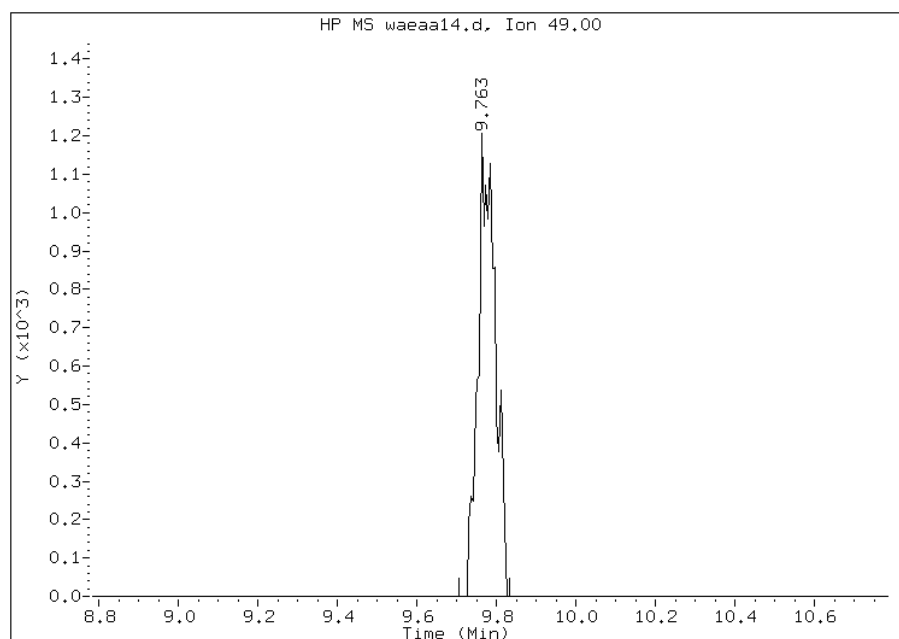
Processing Integration Results

RT: 9.76
Response: 1572
Amount: 0.046617
Conc: 0.009323



Manual Integration Results

RT: 9.76
Response: 3618
Amount: 0.107289
Conc: 0.021458



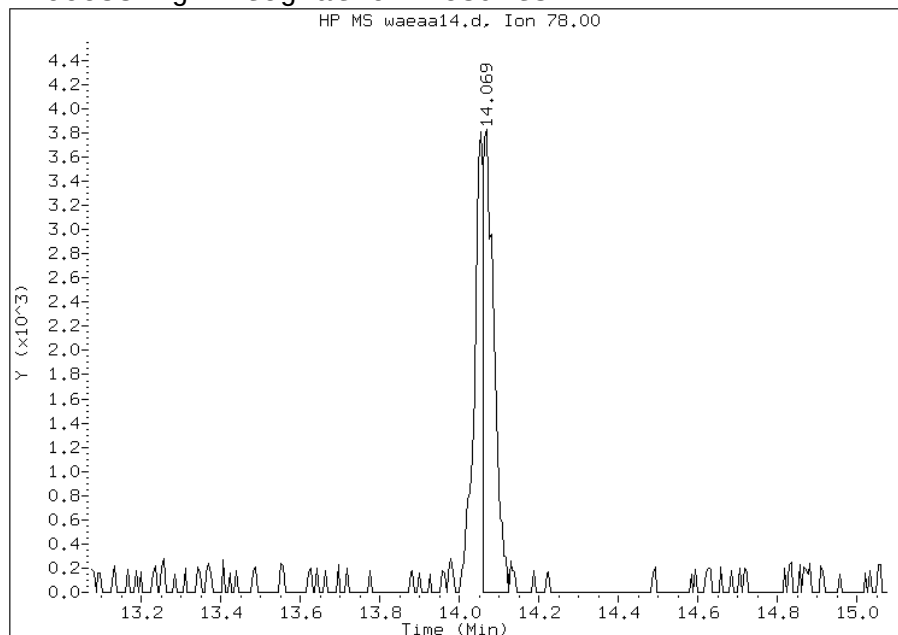
File Uploaded By: ahk
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: waeaa14.d
Lab Sample ID: 200-15554-10
Inj. Date and Time: 27-MAR-2013 03:43
Instrument ID: W.i
Client ID: 3036
Compound: 44 Benzene
CAS #: 71-43-2
Report Date: 03/28/2013

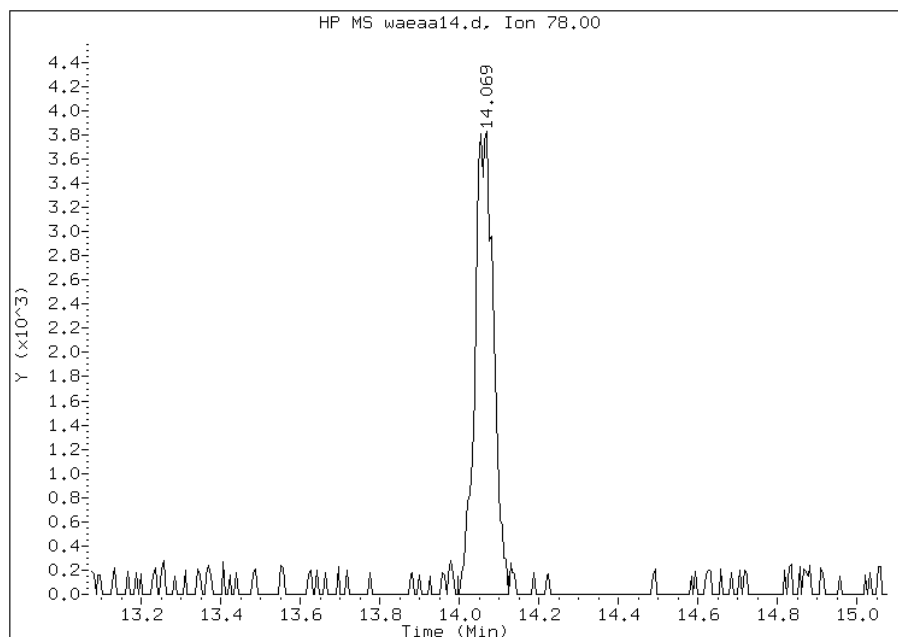
Processing Integration Results

RT: 14.07
Response: 7663
Amount: 0.039806
Conc: 0.007961



Manual Integration Results

RT: 14.07
Response: 12535
Amount: 0.065113
Conc: 0.013023



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 3333 Lab Sample ID: 200-15554-11
 Matrix: Air Lab File ID: waeaa15.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 04:49
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Client Sample ID: 3333 Lab Sample ID: 200-15554-11
 Matrix: Air Lab File ID: waeaa15.d
 Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 04:49
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 3333 Lab Sample ID: 200-15554-11
Matrix: Air Lab File ID: waeaa15.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 04:49
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-11
Client Smp ID: 3333
Inj Date : 27-MAR-2013 04:49
Operator : pad
Smp Info : 200-15554-A-11
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waea15.b/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 14
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.028	5.034	(0.390)	8409	0.31504	0.063(a)
6 Butane	43	5.301	5.301	(0.411)	5349	0.13821	0.028(aM)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound	Not Detected.			
20 Acetone	43	8.816	8.805	(0.683)	15464	0.36398	0.073(a)
21 Carbon disulfide	76		Compound	Not Detected.			
22 Isopropanol	45		Compound	Not Detected.			
23 Allyl chloride	41		Compound	Not Detected.			
25 Methylene chloride	49		Compound	Not Detected.			
26 Tert-butyl alcohol	59		Compound	Not Detected.			
27 Methyl tert-butyl ether	73		Compound	Not Detected.			
28 1,2-Dichloroethene (trans)	61		Compound	Not Detected.			
30 n-Hexane	57		Compound	Not Detected.			
31 1,1-Dichloroethane	63		Compound	Not Detected.			
32 Vinyl acetate	43		Compound	Not Detected.			
M 33 1,2-Dichloroethene, Total	61		Compound	Not Detected.			
34 1,2-Dichloroethene (cis)	96		Compound	Not Detected.			
35 Ethyl acetate	88		Compound	Not Detected.			
36 Methyl Ethyl Ketone	72		Compound	Not Detected.			
* 37 Bromochloromethane	128	12.909	12.919	(1.000)	497864	10.0000	(Q)
38 Tetrahydrofuran	42		Compound	Not Detected.			
39 Chloroform	83		Compound	Not Detected.			
40 Cyclohexane	84		Compound	Not Detected.			
41 1,1,1-Trichloroethane	97		Compound	Not Detected.			
42 Carbon tetrachloride	117		Compound	Not Detected.			
43 2,2,4-Trimethylpentane	57		Compound	Not Detected.			
44 Benzene	78	14.069	14.075	(0.948)	8178	0.04520	0.0090(aM)
45 1,2-Dichloroethane	62		Compound	Not Detected.			
46 n-Heptane	43		Compound	Not Detected.			
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	2510646	10.0000	
49 Trichloroethene	95		Compound	Not Detected.			
50 1,2-Dichloropropane	63		Compound	Not Detected.			
51 Methyl methacrylate	69		Compound	Not Detected.			
53 1,4-Dioxane	88		Compound	Not Detected.			
54 Bromodichloromethane	83		Compound	Not Detected.			
55 1,3-Dichloropropene (cis)	75		Compound	Not Detected.			
56 Methyl isobutyl ketone	43		Compound	Not Detected.			
58 Toluene	92		Compound	Not Detected.			
59 1,3-Dichloropropene (trans)	75		Compound	Not Detected.			
60 1,1,2-Trichloroethane	83		Compound	Not Detected.			
61 Tetrachloroethene	166		Compound	Not Detected.			
62 2-Hexanone	43		Compound	Not Detected.			
63 Dibromochloromethane	129		Compound	Not Detected.			
64 1,2-Dibromoethane	107		Compound	Not Detected.			
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2196540	10.0000	
66 Chlorobenzene	112		Compound	Not Detected.			
68 Ethylbenzene	91		Compound	Not Detected.			
69 Xylene (m,p)	106		Compound	Not Detected.			
M 70 Xylenes, Total	106		Compound	Not Detected.			
71 Xylene (o)	106		Compound	Not Detected.			

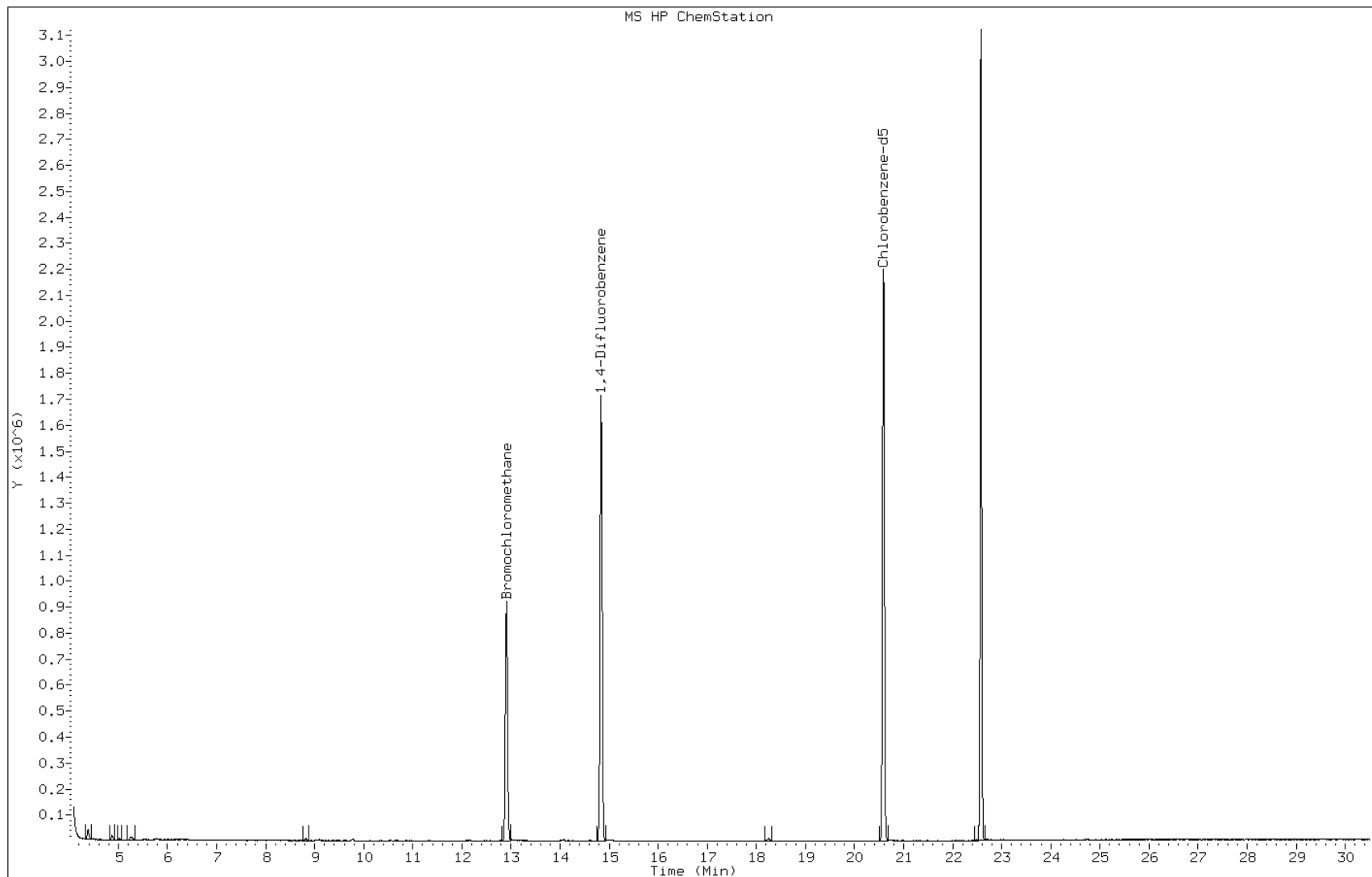
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa15.d
Client ID: 3333
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-11
Lab Sample ID: 200-15554-11

Date: 27-MAR-2013 04:49
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

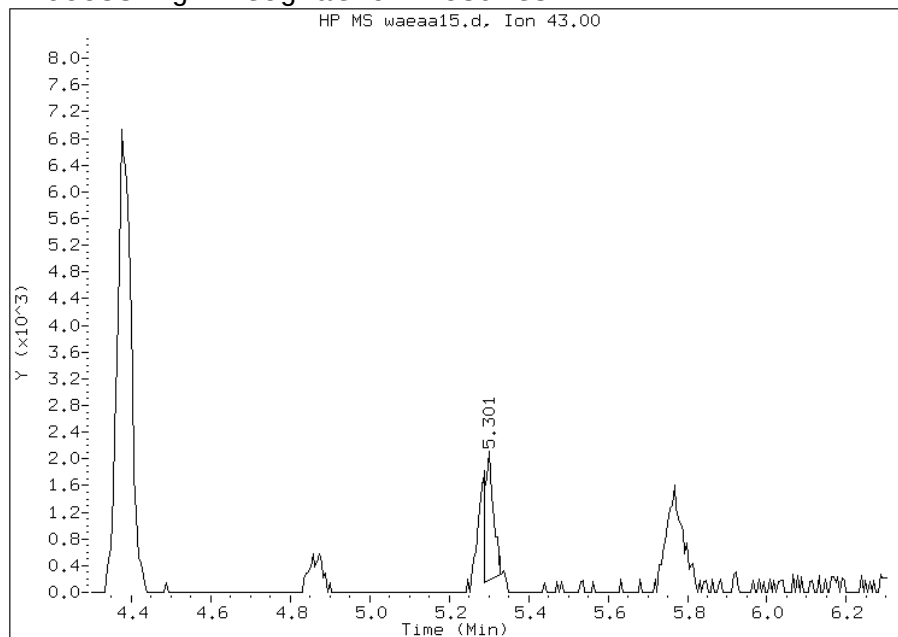


Manual Integration Report

Data File: waeaa15.d
Lab Sample ID: 200-15554-11
Inj. Date and Time: 27-MAR-2013 04:49
Instrument ID: W.i
Client ID: 3333
Compound: 6 Butane
CAS #: 106-97-8
Report Date: 03/28/2013

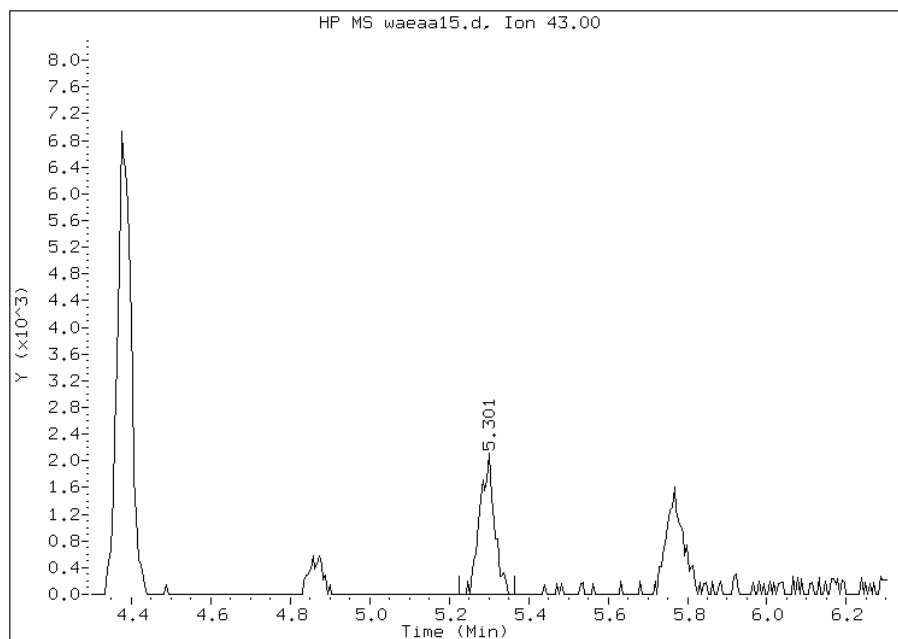
Processing Integration Results

RT: 5.30
Response: 2643
Amount: 0.068292
Conc: 0.013658



Manual Integration Results

RT: 5.30
Response: 5349
Amount: 0.138212
Conc: 0.027642



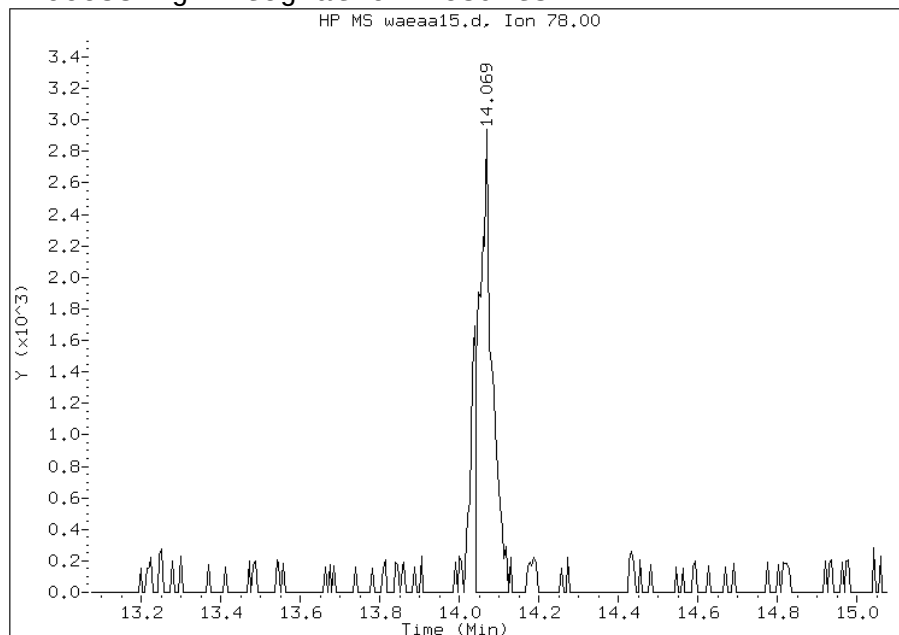
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Manual Integration Reason: Baseline event

Manual Integration Report

Data File: waeaa15.d
Lab Sample ID: 200-15554-11
Inj. Date and Time: 27-MAR-2013 04:49
Instrument ID: W.i
Client ID: 3333
Compound: 44 Benzene
CAS #: 71-43-2
Report Date: 03/28/2013

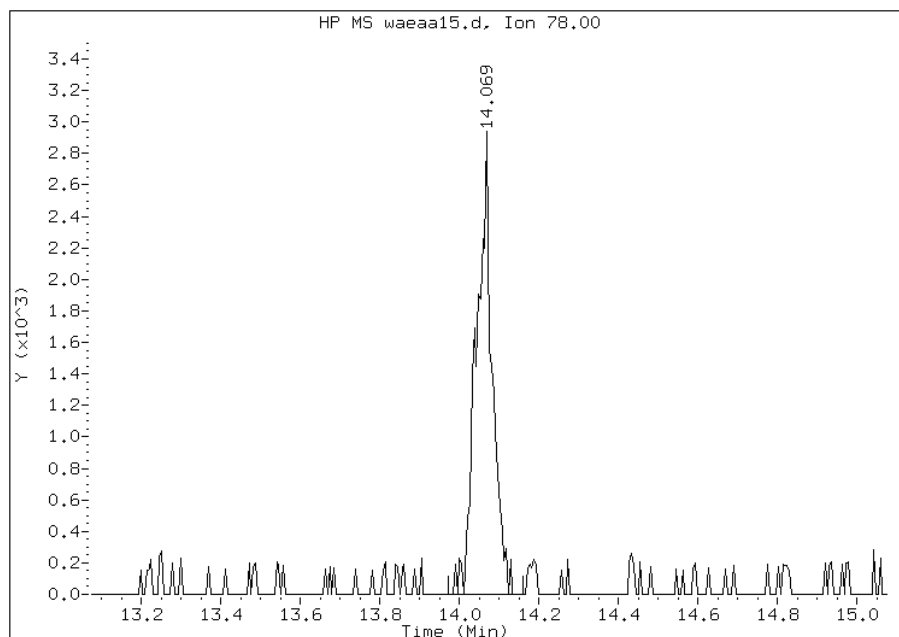
Processing Integration Results

RT: 14.07
Response: 6474
Amount: 0.035784
Conc: 0.007157



Manual Integration Results

RT: 14.07
Response: 8178
Amount: 0.045203
Conc: 0.009041



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 4072 Lab Sample ID: 200-15554-12

Matrix: Air Lab File ID: waeaa16.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 05:54

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U *	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U *	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Client Sample ID: 4072 Lab Sample ID: 200-15554-12

Matrix: Air Lab File ID: waeaa16.d

Analysis Method: TO-15 Date Collected: 03/17/2013 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 05:54

Soil Aliquot Vol: _____ Dilution Factor: 0.2

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
SDG No.: _____
Client Sample ID: 4072 Lab Sample ID: 200-15554-12
Matrix: Air Lab File ID: waeaa16.d
Analysis Method: TO-15 Date Collected: 03/17/2013 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 03/27/2013 05:54
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 53566 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-15554-12
Client Smp ID: 4072
Inj Date : 27-MAR-2013 05:54
Operator : pad
Smp Info : 200-15554-A-12
Misc Info : 1000,0.2
Comment :
Method : /chem/W.i/Wsvr.p/waea15.b/to15v5.m
Meth Date : 28-Mar-2013 16:28 ahk
Cal Date : 14-FEB-2013 00:45
Als bottle: 15
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: W.i
Quant Type: ISTD
Cal File: wae011.d
Compound Sublist: all74+MN.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41				Compound Not Detected.		
2 Dichlorodifluoromethane	85				Compound Not Detected.		
3 Chlorodifluoromethane	51				Compound Not Detected.		
4 1,2-Dichloro-1,1,2,2-tetraflu	85				Compound Not Detected.		
5 Chloromethane	50	5.018	5.034	(0.389)	5404	0.21608	0.043(a)
6 Butane	43	5.285	5.301	(0.409)	3250	0.08963	0.018(aQM)
7 Vinyl chloride	62				Compound Not Detected.		
8 1,3-Butadiene	54				Compound Not Detected.		
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101				Compound Not Detected.		
15 Ethanol	45				Compound Not Detected.		
17 1,1,2-Trichloro-1,2,2-trifluo	101				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96		Compound	Not Detected.			
20 Acetone	43	8.816	8.805	(0.683)	38635	0.97055	0.19(a)
21 Carbon disulfide	76		Compound	Not Detected.			
22 Isopropanol	45		Compound	Not Detected.			
23 Allyl chloride	41		Compound	Not Detected.			
25 Methylene chloride	49		Compound	Not Detected.			
26 Tert-butyl alcohol	59		Compound	Not Detected.			
27 Methyl tert-butyl ether	73		Compound	Not Detected.			
28 1,2-Dichloroethene (trans)	61		Compound	Not Detected.			
30 n-Hexane	57		Compound	Not Detected.			
31 1,1-Dichloroethane	63		Compound	Not Detected.			
32 Vinyl acetate	43		Compound	Not Detected.			
M 33 1,2-Dichloroethene, Total	61		Compound	Not Detected.			
34 1,2-Dichloroethene (cis)	96		Compound	Not Detected.			
35 Ethyl acetate	88		Compound	Not Detected.			
36 Methyl Ethyl Ketone	72		Compound	Not Detected.			
* 37 Bromochloromethane	128	12.908	12.919	(1.000)	466477	10.0000	(Q)
38 Tetrahydrofuran	42		Compound	Not Detected.			
39 Chloroform	83		Compound	Not Detected.			
40 Cyclohexane	84		Compound	Not Detected.			
41 1,1,1-Trichloroethane	97		Compound	Not Detected.			
42 Carbon tetrachloride	117		Compound	Not Detected.			
43 2,2,4-Trimethylpentane	57		Compound	Not Detected.			
44 Benzene	78		Compound	Not Detected.			
45 1,2-Dichloroethane	62		Compound	Not Detected.			
46 n-Heptane	43		Compound	Not Detected.			
* 47 1,4-Difluorobenzene	114	14.834	14.850	(1.000)	2361071	10.0000	
49 Trichloroethene	95		Compound	Not Detected.			
50 1,2-Dichloropropane	63		Compound	Not Detected.			
51 Methyl methacrylate	69		Compound	Not Detected.			
53 1,4-Dioxane	88		Compound	Not Detected.			
54 Bromodichloromethane	83		Compound	Not Detected.			
55 1,3-Dichloropropene (cis)	75		Compound	Not Detected.			
56 Methyl isobutyl ketone	43		Compound	Not Detected.			
58 Toluene	92		Compound	Not Detected.			
59 1,3-Dichloropropene (trans)	75		Compound	Not Detected.			
60 1,1,2-Trichloroethane	83		Compound	Not Detected.			
61 Tetrachloroethene	166		Compound	Not Detected.			
62 2-Hexanone	43		Compound	Not Detected.			
63 Dibromochloromethane	129		Compound	Not Detected.			
64 1,2-Dibromoethane	107		Compound	Not Detected.			
* 65 Chlorobenzene-d5	117	20.591	20.601	(1.000)	2067580	10.0000	
66 Chlorobenzene	112		Compound	Not Detected.			
68 Ethylbenzene	91		Compound	Not Detected.			
69 Xylene (m,p)	106		Compound	Not Detected.			
M 70 Xylenes, Total	106		Compound	Not Detected.			
71 Xylene (o)	106		Compound	Not Detected.			

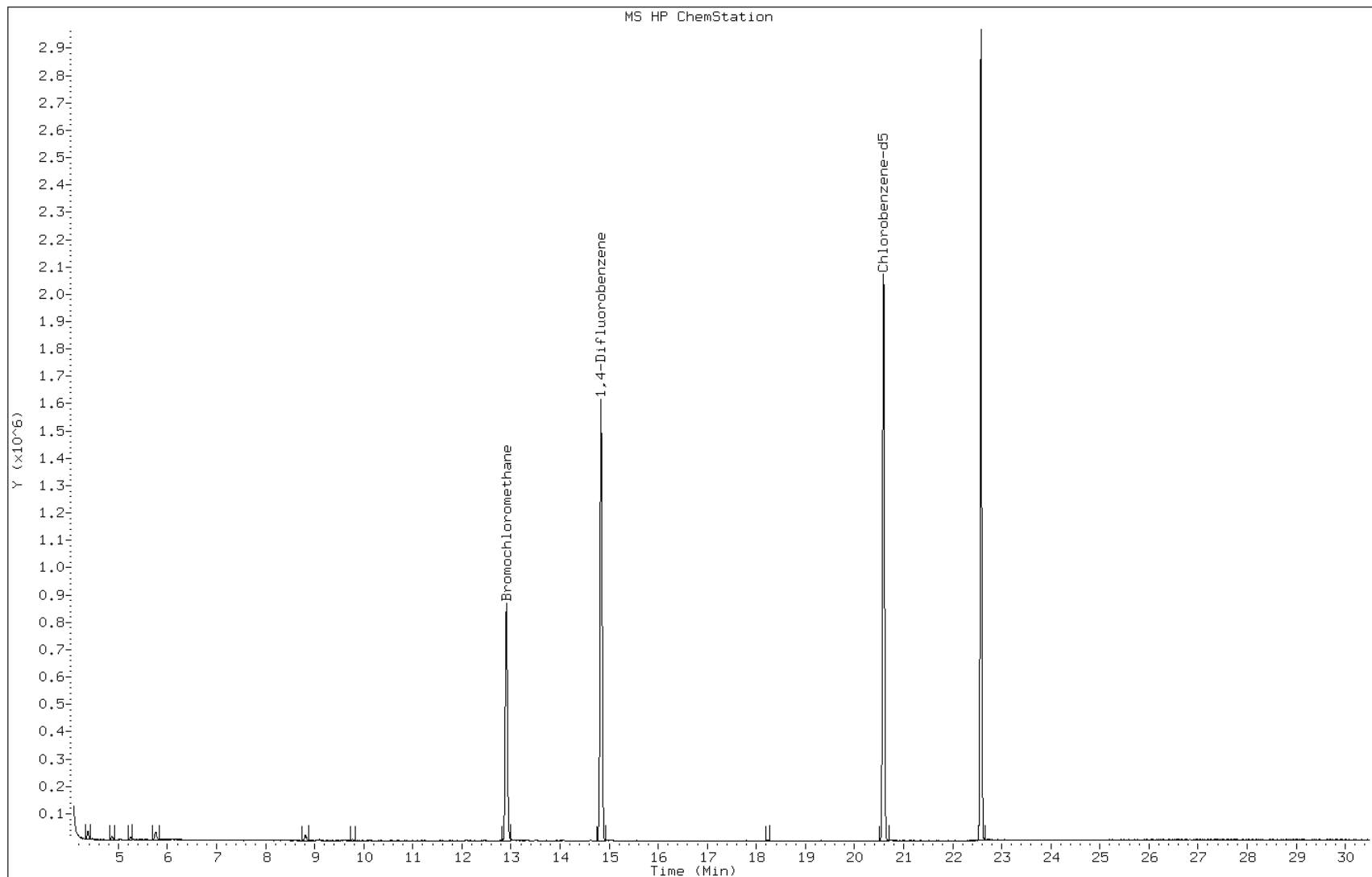
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	Detected.				
75 1,1,2,2-Tetrachloroethane	83		Compound	Not	Detected.				
76 n-Propylbenzene	91		Compound	Not	Detected.				
79 4-Ethyltoluene	105		Compound	Not	Detected.				
80 2-Chlorotoluene	91		Compound	Not	Detected.				
81 1,3,5-Trimethylbenzene	105		Compound	Not	Detected.				
83 tert-butylbenzene	119		Compound	Not	Detected.				
84 1,2,4-Trimethylbenzene	105		Compound	Not	Detected.				
85 sec-Butylbenzene	105		Compound	Not	Detected.				
86 4-Isopropyltoluene	119		Compound	Not	Detected.				
87 1,3-Dichlorobenzene	146		Compound	Not	Detected.				
88 1,4-Dichlorobenzene	146		Compound	Not	Detected.				
89 Benzyl chloride	91		Compound	Not	Detected.				
91 n-Butylbenzene	91		Compound	Not	Detected.				
92 1,2-Dichlorobenzene	146		Compound	Not	Detected.				
94 1,2,4-Trichlorobenzene	180		Compound	Not	Detected.				
95 1,3-Hexachlorobutadiene	225		Compound	Not	Detected.				
96 Naphthalene	128		Compound	Not	Detected.				

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

Data File: waeaa16.d
Client ID: 4072
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-15554-A-12
Lab Sample ID: 200-15554-12

Date: 27-MAR-2013 05:54
Instrument: W.i
Inj Vol: 200.0
Diameter: 0.32

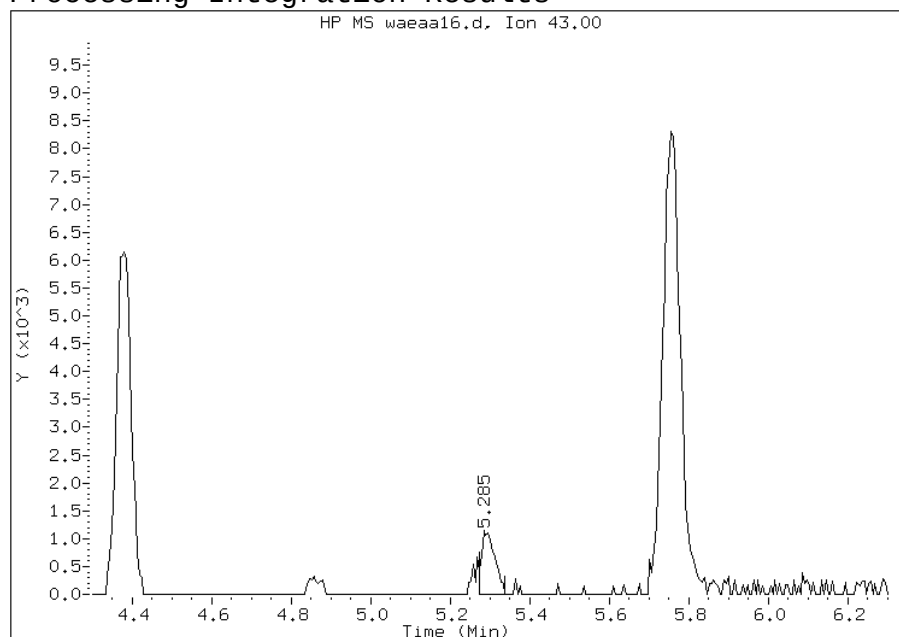


Manual Integration Report

Data File: waeaa16.d
Lab Sample ID: 200-15554-12
Inj. Date and Time: 27-MAR-2013 05:54
Instrument ID: W.i
Client ID: 4072
Compound: 6 Butane
CAS #: 106-97-8
Report Date: 03/28/2013

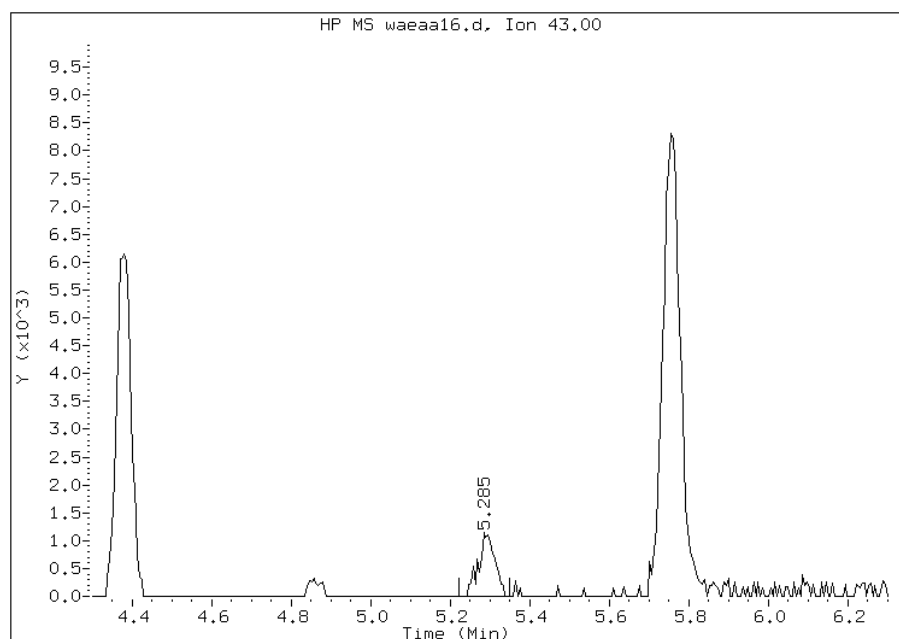
Processing Integration Results

RT: 5.29
Response: 2652
Amount: 0.073135
Conc: 0.014627



Manual Integration Results

RT: 5.29
Response: 3250
Amount: 0.089627
Conc: 0.017925



File Uploaded By: ahk
Manual Integration Reason: Baseline event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51911/4	wae004.d
Level 2	IC 200-51911/5	wae005.d
Level 3	IC 200-51911/6	wae006.d
Level 4	IC 200-51911/7	wae007.d
Level 5	ICIS 200-51911/8	wae008.d
Level 6	IC 200-51911/9	wae009.d
Level 7	IC 200-51911/10	wae010.d
Level 8	IC 200-51911/11	wae011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.3972	++++ 0.3878	0.5417 0.3300	0.3978	0.3993	Ave		0.4090				17.2		30.0			
Dichlorodifluoromethane	++++ 2.5549	++++ 2.5214	2.5402 2.1360	2.4854	2.5267	Ave		2.4608				6.5		30.0			
Freon 22	++++ 0.9816	++++ 0.9710	0.9988 0.8287	0.9549	0.9606	Ave		0.9493				6.4		30.0			
1,2-Dichlorotetrafluoroethane	++++ 2.9347	3.4141 2.8778	2.9318 2.3894	2.8475	2.8924	Ave		2.8982				10.3		30.0			
Chloromethane	++++ 0.5519	++++ 0.5425	0.5703 0.4726	0.5330	0.5463	Ave		0.5361				6.2		30.0			
n-Butane	++++ 0.8016	++++ 0.7788	0.8518 0.6650	0.7843	0.7826	Ave		0.7773				7.9		30.0			
Vinyl chloride	0.9685 0.7263	0.8773 0.7193	0.7297 0.6230	0.7055	0.7109	Ave		0.7576				14.5		30.0			
1,3-Butadiene	++++ 0.4786	0.5417 0.4838	0.4751 0.4156	0.4609	0.4686	Ave		0.4749				7.8		30.0			
Bromomethane	++++ 0.9083	1.0583 0.8931	0.8976 0.7653	0.8498	0.8796	Ave		0.8932				9.8		30.0			
Chloroethane	++++ 0.4695	++++ 0.4578	0.4606 0.3964	0.4572	0.4591	Ave		0.4501				5.9		30.0			
Isopentane	++++ 0.6988	0.8675 0.6757	0.7309 0.5730	0.6915	0.6943	Ave		0.7045				12.4		30.0			
Bromoethene (Vinyl Bromide)	++++ 1.2532	1.4751 1.2428	1.2089 1.0687	1.1962	1.2244	Ave		1.2385				9.8		30.0			
Trichlorofluoromethane	++++ 2.7790	3.3561 2.7543	2.7464 2.3743	2.6724	2.7245	Ave		2.7724				10.5		30.0			
n-Pentane	++++ 1.0605	++++ 1.0424	1.0866 0.8757	1.0551	1.0519	Ave		1.0287				7.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2010	+++++ 0.2012	0.2141 0.1785	0.2055	0.1978	Ave		0.1997				5.9		30.0			
Ethyl ether	+++++ 0.6120	0.7179 0.6062	0.6393 0.5157	0.5882	0.6045	Ave		0.6120				9.9		30.0			
Acrolein	+++++ 0.2914	+++++ 0.2875	+++++ 0.2498	0.2907	0.2825	Ave		0.2804				6.2		30.0			
Freon TF	+++++ 2.2902	2.6331 2.2682	2.2837 1.9035	2.2316	2.2667	Ave		2.2681				9.3		30.0			
1,1-Dichloroethene	+++++ 1.1446	1.3113 1.1407	1.1548 0.9785	1.0883	1.1208	Ave		1.1341				8.7		30.0			
Acetone	+++++ 0.9811	+++++ 0.8422	+++++ 0.6942	0.8399	0.9094	Ave		0.8534				12.4		30.0			
Carbon disulfide	+++++ 2.8964	+++++ 2.8725	3.9887 2.4547	2.7967	2.8454	Ave		2.9757				17.5		30.0			
Isopropyl alcohol	+++++ 0.7165	+++++ 0.7197	+++++ 0.5731	0.6427	0.7455	Ave		0.6795				10.4		30.0			
3-Chloropropene	+++++ 0.6686	0.7765 0.6615	0.6418 0.5693	0.6442	0.6494	Ave		0.6587				9.3		30.0			
Acetonitrile	+++++ 0.4023	+++++ 0.4057	+++++ 0.3390	0.3659	0.4046	Ave		0.3835				7.8		30.0			
Methylene Chloride	+++++ 0.6445	+++++ 0.6437	0.7349 0.5501	0.6308	0.6315	Ave		0.6392				9.2		30.0			
tert-Butyl alcohol	+++++ 1.3878	+++++ 1.4189	+++++ 1.1563	1.2333	1.4412	Ave		1.3275				9.5		30.0			
Methyl tert-butyl ether	+++++ 2.8410	3.3073 2.8438	2.7741 2.4332	2.7579	2.7896	Ave		2.8210				9.1		30.0			
trans-1,2-Dichloroethene	+++++ 1.1702	1.3613 1.1551	1.1916 0.9851	1.1218	1.1470	Ave		1.1617				9.5		30.0			
Acrylonitrile	+++++ 0.5277	+++++ 0.5325	0.5173 0.4587	0.4908	0.5149	Ave		0.5070				5.5		30.0			
n-Hexane	+++++ 1.2605	1.4975 1.2500	1.2708 1.0449	1.2165	1.2388	Ave		1.2541				10.5		30.0			
1,1-Dichloroethane	+++++ 1.4890	1.7429 1.4848	1.5275 1.2654	1.4274	1.4631	Ave		1.4857				9.5		30.0			
Vinyl acetate	+++++ 1.4397	+++++ 1.4564	+++++ 1.2659	1.3868	1.4130	Ave		1.3924				5.4		30.0			
cis-1,2-Dichloroethene	+++++ 1.2845	1.6189 1.2895	1.2560 1.0757	1.2447	1.2694	Ave		1.2912				12.6		30.0			
Methyl Ethyl Ketone	+++++ 0.5266	+++++ 0.5038	0.6393 0.4153	0.4921	0.5110	Ave		0.5147				14.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.1152	+++++ 0.1145	+++++ 0.0978	0.1078	0.1152	Ave		0.1101				6.9		30.0			
Tetrahydrofuran	+++++ 0.1302	+++++ 0.1290	+++++ 0.1092	0.1264	0.1295	Ave		0.1249				7.1		30.0			
Chloroform	+++++ 2.1989	2.5504 2.1875	2.1892 1.8669	2.0776	2.1482	Ave		2.1741				9.3		30.0			
Cyclohexane	+++++ 0.3388	0.4151 0.3328	0.3476 0.2733	0.3290	0.3338	Ave		0.3386				12.3		30.0			
1,1,1-Trichloroethane	+++++ 0.4842	0.5394 0.4828	0.4648 0.4126	0.4548	0.4707	Ave		0.4727				8.0		30.0			
Carbon tetrachloride	0.6115 0.5291	0.5874 0.5318	0.5007 0.4575	0.4955	0.5181	Ave		0.5289				9.4		30.0			
2,2,4-Trimethylpentane	+++++ 0.8200	0.9797 0.8021	0.8311 0.6531	0.8067	0.8096	Ave		0.8146				11.6		30.0			
Benzene	+++++ 0.7161	0.8973 0.7034	0.7547 0.5856	0.6887	0.6985	Ave		0.7206				13.0		30.0			
1,2-Dichloroethane	+++++ 0.2232	0.2470 0.2230	0.2252 0.1937	0.2094	0.2173	Ave		0.2198				7.4		30.0			
n-Heptane	+++++ 0.2279	0.2780 0.2214	0.2384 0.1825	0.2227	0.2234	Ave		0.2278				12.4		30.0			
n-Butanol	+++++ 0.0749	+++++ 0.0865	+++++ 0.0762	0.0777	0.0873	Ave		0.0805				7.3		30.0			
Trichloroethene	0.4905 0.3472	0.4102 0.3442	0.3469 0.2912	0.3284	0.3378	Ave		0.3620				16.9		30.0			
1,2-Dichloropropane	+++++ 0.2069	0.2366 0.2054	0.2059 0.1737	0.1971	0.2030	Ave		0.2041				9.0		30.0			
Methyl methacrylate	+++++ 0.2368	+++++ 0.2380	+++++ 0.2068	0.2170	0.2322	Ave		0.2207				8.2		30.0			
1,4-Dioxane	+++++ 0.1254	+++++ 0.1242	+++++ 0.0974	0.1093	0.1312	Ave		0.1175				11.8		30.0			
Dibromomethane	+++++ 0.4259	0.4671 0.4203	0.4164 0.3540	0.4020	0.4165	Ave		0.4146				8.1		30.0			
Bromodichloromethane	+++++ 0.4832	0.4699 0.4809	0.4220 0.4143	0.4480	0.4693	Ave		0.4554				6.1		30.0			
cis-1,3-Dichloropropene	+++++ 0.3734	0.3945 0.3734	0.3433 0.3256	0.3471	0.3641	Ave		0.3602				6.4		30.0			
methyl isobutyl ketone	+++++ 0.2820	+++++ 0.2845	0.2587 0.2440	0.2759	0.2872	Ave		0.2721				6.3		30.0			
n-Octane	+++++ 0.2921	0.4032 0.2797	0.3283 0.2141	0.3118	0.3031	Ave		0.3046				18.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 0.6219	0.7954 0.6039	0.7881 0.4795	0.6329	0.6256	Ave		0.6496				17.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.3799	0.4003 0.3814	0.3548 0.3349	0.3522	0.3715	Ave		0.3679				6.0		30.0			
1,1,2-Trichloroethane	+++++ 0.2856	0.3236 0.2826	0.2815 0.2420	0.2734	0.2812	Ave		0.2814				8.5		30.0			
Tetrachloroethene	0.9201 0.7352	0.8564 0.7227	0.7365 0.6021	0.7063	0.7226	Ave		0.7503				12.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2839	+++++ 0.2938	0.2912 0.2570	0.2895	0.2961	Ave		0.2853				5.1		30.0			
Dibromochloromethane	+++++ 0.7078	0.6159 0.7042	0.5610 0.6028	0.6522	0.6841	Ave		0.6469				8.6		30.0			
1,2-Dibromoethane	+++++ 0.6119	0.5955 0.6074	0.5648 0.5186	0.5778	0.5960	Ave		0.5817				5.5		30.0			
Chlorobenzene	+++++ 0.9962	1.1904 0.9740	1.0695 0.8083	0.9886	0.9894	Ave		1.0024				11.4		30.0			
Ethylbenzene	+++++ 1.3848	1.6912 1.3510	1.4671 1.1044	1.3946	1.3836	Ave		1.3967				12.4		30.0			
n-Nonane	+++++ 0.4300	0.5422 0.4183	0.4658 0.3321	0.4526	0.4401	Ave		0.4402				14.2		30.0			
m,p-Xylene	+++++ 0.5940	0.7637 0.5702	0.6652 0.4437	0.6235	0.6053	Ave		0.6094				15.9		30.0			
Xylene, o-	+++++ 0.6143	0.7325 0.5970	0.6409 0.4866	0.6220	0.6140	Ave		0.6153				11.7		30.0			
Styrene	+++++ 0.9288	0.9154 0.9277	0.8310 0.7591	0.9227	0.9345	Ave		0.8885				7.6		30.0			
Bromoform	+++++ 0.7791	0.6740 0.7597	0.6292 0.6249	0.7481	0.7639	Ave		0.7113				9.4		30.0			
Cumene	+++++ 1.7175	2.1182 1.6619	1.8182 1.3018	1.7731	1.7335	Ave		1.7320				13.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7587	0.8813 0.7321	0.7846 0.5839	0.7789	0.7633	Ave		0.7547				11.8		30.0			
n-Propylbenzene	+++++ 1.8432	2.3435 1.7449	2.0529 1.2920	1.9581	1.8869	Ave		1.8745				17.1		30.0			
1,2,3-Trichloropropane	+++++ 0.5134	+++++ 0.4948	0.5740 0.3933	0.5281	0.5199	Ave		0.5039				12.0		30.0			
n-Decane	+++++ 0.5639	+++++ 0.5304	0.6435 0.3943	0.6169	0.5735	Ave		0.5538				15.9		30.0			
4-Ethyltoluene	+++++ 1.7469	2.2046 1.6620	1.9319 1.2348	1.8577	1.7831	Ave		1.7744				16.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.3263	1.6419 1.2761	1.4448 1.0040	1.3743	1.3317	Ave		1.3427				14.3		30.0			
1,3,5-Trimethylbenzene	+++++ 1.4814	1.8328 1.4365	1.6001 1.1125	1.5492	1.4973	Ave		1.5014				14.3		30.0			
Alpha Methyl Styrene	+++++ 0.7469	0.7685 0.8433	0.7659 0.6780	0.8606	0.8413	Ave		0.7864				8.3		30.0			
tert-Butylbenzene	+++++ 1.5153	1.9093 1.4584	1.6590 1.1325	1.6083	1.5406	Ave		1.5462				15.1		30.0			
1,2,4-Trimethylbenzene	+++++ 1.4891	1.8109 1.4422	1.6312 1.1179	1.5600	1.4787	Ave		1.5043				14.0		30.0			
sec-Butylbenzene	+++++ 2.1025	2.6710 1.9974	2.3739 1.4919	2.2616	2.1464	Ave		2.1492				16.9		30.0			
4-Isopropyltoluene	+++++ 1.9068	2.4019 1.8205	2.1501 1.3649	2.0551	1.9423	Ave		1.9488				16.4		30.0			
1,3-Dichlorobenzene	+++++ 1.2369	1.5226 1.1952	1.3169 0.9420	1.2578	1.1979	Ave		1.2385				13.9		30.0			
1,4-Dichlorobenzene	+++++ 1.2416	1.4966 1.2017	1.3219 0.9457	1.2511	1.2003	Ave		1.2370				13.3		30.0			
Benzyl chloride	+++++ 1.1583	1.1822 1.1627	1.0649 0.9918	1.1851	1.0858	Ave		1.1187				6.5		30.0			
n-Undecane	+++++ 0.5930	+++++ 0.5543	+++++ 0.3696	0.7088	0.5860	Ave		0.5623				21.8		30.0			
n-Butylbenzene	+++++ 1.4216	1.6999 1.3539	1.6394 0.9959	1.5794	1.4396	Ave		1.4471				16.2		30.0			
1,2-Dichlorobenzene	+++++ 1.1912	1.4526 1.1578	1.2831 0.9144	1.2114	1.1500	Ave		1.1943				13.5		30.0			
n-Dodecane	+++++ 0.5540	+++++ 0.5836	+++++ 0.3216	0.6483	0.4484	Ave		0.5112				25.1		30.0			
1,2,4-Trichlorobenzene	+++++ 0.9619	+++++ 0.9592	1.0243 0.6465	0.9427	0.6985	Ave		0.8722				18.1		30.0			
Hexachlorobutadiene	+++++ 0.8303	0.9460 0.7975	0.9680 0.5702	0.8472	0.7819	Ave		0.8202				16.0		30.0			
Naphthalene	+++++ 1.8353	+++++ 1.9075	2.0300 1.1514	1.9541	1.1030	Ave		1.6635				25.3		30.0			
1,2,3-Trichlorobenzene	+++++ 0.8858	0.5734 0.8888	1.0336 0.5681	0.8705	0.6302	Ave		0.7786				23.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51911/4	wae004.d
Level 2	IC 200-51911/5	wae005.d
Level 3	IC 200-51911/6	wae006.d
Level 4	IC 200-51911/7	wae007.d
Level 5	ICIS 200-51911/8	wae008.d
Level 6	IC 200-51911/9	wae009.d
Level 7	IC 200-51911/10	wae010.d
Level 8	IC 200-51911/11	wae011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 244871	++++ 318876	11399 570638	79179	162180	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	++++ 1575117	++++ 2073521	53455 3693811	494662	1026170	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	++++ 605170	++++ 798547	21018 1433070	190046	390134	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1809296	++++ 27046 2366583	61696 4132066	566730	1174657	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	++++ 340233	++++ 446129	12002 817356	106091	221882	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	++++ 494197	++++ 640487	17925 1150000	156097	317816	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1501 447768	6950 591513	15356 1077377	140420	288727	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	++++ 295039	++++ 4291 397888	9998 718741	91733	190293	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	++++ 560006	++++ 8384 734417	18890 1323411	169137	357227	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	++++ 289427	++++ 376503	9693 685517	90987	186451	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	++++ 430819	++++ 6872 555676	15380 990900	137621	281990	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 772601	++++ 11686 1022016	25440 1848060	238069	497275	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	++++ 1713297	++++ 26587 2264977	57796 4105912	531882	1106470	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	++++ 653826	++++ 857190	22866 1514363	209995	427197	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	++++ 165247	++++ 330891	45062 771568	81790	120475	++++ 20.0	++++ 40.0	5.00 100	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 377326	5687 498544	13454 891853	117063	245517	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	++++ 179621	++++ 236432	++++ 431976	57864	114711	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Freon TF	BCM	Ave	++++ 1411911	20859 1865255	48058 3291712	444163	920577	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	++++ 705653	10388 938097	24301 1692150	216599	455200	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	++++ 604830	++++ 692624	++++ 1200471	167170	369325	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	++++ 1785681	++++ 2362226	83938 4244919	556624	1155568	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	++++ 441712	++++ 591875	++++ 991035	127917	302768	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	++++ 412211	6151 544000	13505 984432	128211	263721	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	++++ 248009	++++ 333603	++++ 586191	72816	164307	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	++++ 397353	++++ 529342	15465 951296	125543	256474	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	++++ 855601	++++ 1166820	++++ 1999612	245465	585317	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	++++ 1751490	26200 2338636	58378 4207823	548898	1132908	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	++++ 721458	10784 949885	25076 1703500	223274	465831	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	++++ 325313	++++ 437938	10885 793276	97682	209104	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	++++ 777133	11863 1027904	26743 1806934	242127	503100	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	++++ 917976	13807 1221045	32144 2188339	284095	594218	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	++++ 887593	++++ 1197714	++++ 2189215	276019	573859	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	++++ 791940	12825 1060401	26431 1860217	247727	515551	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	++++ 324642	++++ 414286	13453 718211	97945	207541	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	++++ 71031	++++ 94200	++++ 169170	21450	46777	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	++++ 400957	++++ 530567	++++ 942117	125866	262649	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1355623	20204 1798901	46070 3228469	413494	872435	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 1042865	16611 1368133	36629 2358552	327709	676834	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 1490700	21583 1985037	48983 3560966	452936	954350	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	4807 1628733	23506 2186487	52762 3948647	493516	1050636	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2524239	39205 3297616	87588 5636124	803473	1641694	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2204421	35908 2891966	79527 5053819	685961	1416287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 687221	9885 916940	23727 1671542	208588	440592	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 701524	11125 910203	25128 1574878	221808	452939	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 230729	+++++ 355670	+++++ 657413	77425	177081	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Trichloroethene	DFB	Ave	3856 1068932	16413 1415206	36556 2513090	327093	684972	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 636802	9466 844336	21695 1498930	196307	411572	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 729077	+++++ 978707	20365 1784913	216167	470895	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 386176	+++++ 510808	+++++ 840918	108839	265975	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1311233	18692 1727883	43886 3054742	400352	844487	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 1487543	18803 1977211	44475 3575450	446183	951705	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1149410	15785 1535388	36175 2809607	345690	738323	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 868180	+++++ 1169661	27266 2105661	274841	582279	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 899324	16134 1149843	34593 1847791	310574	614534	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 1782185	29392 2303893	76793 3831398	581421	1184496	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1169595	16017 1568129	37389 2889855	350779	753374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 818407	11958 1078258	27424 1933848	251173	532366	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	6655 2106774	31649 2757200	71759 4811787	648853	1368157	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 813626	++++ 1120919	28373 2053870	265964	560698	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	++++ 2028212	22760 2686414	54658 4817290	599134	1295204	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	++++ 1753545	22005 2317227	55028 4144309	530793	1128441	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	++++ 2854654	43989 3716023	104211 6459351	908090	1873363	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	++++ 3968049	62498 5154076	142945 8825491	1281059	2619600	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	++++ 1232117	20038 1595958	45383 2654140	415717	833256	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	++++ 3404081	56442 4350662	129633 7090834	1145418	2292192	++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	++++ 1760274	27069 2277521	62449 3888656	571378	1162555	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	++++ 2661357	33827 3539388	80965 6066091	847619	1769432	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	++++ 2232437	24906 2898425	61302 4993705	687247	1446346	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	++++ 4921410	78276 6340165	177160 10402935	1628780	3282102	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 2174035	32567 2792848	76452 4665946	715484	1445288	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	++++ 5281726	86601 6656768	200022 10324524	1798683	3572519	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 1471274	++++ 1887601	55926 3143307	485137	984281	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	++++ 1615984	++++ 2023611	62703 3150546	566676	1085790	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	++++ 5005641	81469 6340608	188235 9867880	1706449	3376054	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	++++ 3800394	60675 4868364	140775 8023529	1262436	2521402	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 4244882	67730 5480093	155905 8890424	1423134	2835015	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	++++ 2140174	28399 3217322	74630 5417654	790592	1592811	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	++++ 4341980	70555 5563825	161642 9049996	1477400	2916927	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-15554-1 Analy Batch No.: 51911

SDG No.: _____

Instrument ID: W.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2013 18:59 Calibration End Date: 02/14/2013 00:45 Calibration ID: 20446

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 4267148	66919 5501978	158936 8933750	1433047	2799675	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	++++ 6024744	98705 7619941	231302 11922276	2077505	4063930	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	++++ 5463953	88761 6945216	209498 10907266	1887859	3677417	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	++++ 3544487	56267 4559808	128310 7527694	1155406	2268062	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	++++ 3557942	55306 4584690	128805 7556965	1149265	2272563	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	++++ 3319220	43687 4435711	103764 7925492	1088649	2055765	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	++++ 1699250	++++ 2114532	++++ 2953477	651131	1109458	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	++++ 4073746	62818 5165256	159733 7958240	1450847	2725758	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	++++ 3413378	53681 4416903	125017 7307191	1112775	2177275	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	++++ 1587479	++++ 2226472	++++ 2570067	595565	849004	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 2756263	++++ 3659393	99803 5166281	865952	1322595	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	++++ 2379148	34957 3042594	94317 4556764	778259	1480468	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	++++ 5259028	++++ 7276996	197798 9201245	1795073	2088288	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 2538370	21190 3390787	100706 4540187	799654	1193125	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Lab Sample ID: ICV 200-51911/14 Calibration Date: 02/14/2013 03:13

Instrument ID: W.i Calib Start Date: 02/13/2013 18:59

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45

Lab File ID: wae014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4090	0.4153		10.2	10.0	1.6	30.0
Dichlorodifluoromethane	Ave	2.461	2.695		11.0	10.0	9.5	30.0
Freon 22	Ave	0.9493	1.020		10.7	10.0	7.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.898	3.082		10.6	10.0	6.3	30.0
Chloromethane	Ave	0.5361	0.5771		10.8	10.0	7.6	30.0
n-Butane	Ave	0.7773	0.8187		10.5	10.0	5.3	30.0
Vinyl chloride	Ave	0.7576	0.7575		10.0	10.0	-0.0	30.0
1,3-Butadiene	Ave	0.4749	0.5156		10.9	10.0	8.6	30.0
Bromomethane	Ave	0.8932	0.9109		10.2	10.0	2.0	30.0
Chloroethane	Ave	0.4501	0.4888		10.9	10.0	8.6	30.0
Isopentane	Ave	0.7045	0.7318		10.4	10.0	3.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.238	1.322		10.7	10.0	6.7	30.0
Trichlorofluoromethane	Ave	2.772	2.908		10.5	10.0	4.9	30.0
n-Pentane	Ave	1.029	1.092		10.6	10.0	6.1	30.0
Ethanol	Ave	0.1997	0.2139		16.1	15.0	7.1	30.0
Ethyl ether	Ave	0.6120	0.6018		9.83	10.0	-1.7	30.0
Acrolein	Ave	0.2804	0.2713		9.67	10.0	-3.3	30.0
Freon TF	Ave	2.268	2.617		11.5	10.0	15.4	30.0
1,1-Dichloroethene	Ave	1.134	1.318		11.6	10.0	16.2	30.0
Acetone	Ave	0.8534	0.8837		10.4	10.0	3.6	30.0
Carbon disulfide	Ave	2.976	3.088		10.4	10.0	3.8	30.0
Isopropyl alcohol	Ave	0.6795	0.6727		9.90	10.0	-1.0	30.0
3-Chloropropene	Ave	0.6587	0.7116		10.8	10.0	8.0	30.0
Acetonitrile	Ave	0.3835	0.4068		10.6	10.0	6.1	30.0
Methylene Chloride	Ave	0.6392	0.7269		11.4	10.0	13.7	30.0
tert-Butyl alcohol	Ave	1.328	1.283		9.66	10.0	-3.4	30.0
Methyl tert-butyl ether	Ave	2.821	2.970		10.5	10.0	5.3	30.0
trans-1,2-Dichloroethene	Ave	1.162	1.221		10.5	10.0	5.1	30.0
Acrylonitrile	Ave	0.5070	0.5609		11.1	10.0	10.6	30.0
n-Hexane	Ave	1.254	1.321		10.5	10.0	5.3	30.0
1,1-Dichloroethane	Ave	1.486	1.569		10.6	10.0	5.6	30.0
Vinyl acetate	Ave	1.392	1.535		11.0	10.0	10.3	30.0
cis-1,2-Dichloroethene	Ave	1.291	1.381		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.5147	0.5319		10.3	10.0	3.3	30.0
Ethyl acetate	Ave	0.1101	0.1192		10.8	10.0	8.2	30.0
Tetrahydrofuran	Ave	0.1249	0.1354		10.8	10.0	8.5	30.0
Chloroform	Ave	2.174	2.289		10.5	10.0	5.3	30.0
Cyclohexane	Ave	0.3386	0.3565		10.5	10.0	5.3	30.0
1,1,1-Trichloroethane	Ave	0.4727	0.5023		10.6	10.0	6.2	30.0
Carbon tetrachloride	Ave	0.5289	0.5425		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Lab Sample ID: ICV 200-51911/14 Calibration Date: 02/14/2013 03:13

Instrument ID: W.i Calib Start Date: 02/13/2013 18:59

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45

Lab File ID: wae014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.8146	0.8651		10.6	10.0	6.2	30.0
Benzene	Ave	0.7206	0.7445		10.3	10.0	3.3	30.0
1,2-Dichloroethane	Ave	0.2198	0.2312		10.5	10.0	5.2	30.0
n-Heptane	Ave	0.2278	0.2404		10.6	10.0	5.6	30.0
n-Butanol	Ave	0.0805	0.0838		10.4	10.0	4.1	30.0
Trichloroethene	Ave	0.3620	0.3558		9.83	10.0	-1.7	30.0
1,2-Dichloropropane	Ave	0.2041	0.2112		10.3	10.0	3.5	30.0
Methyl methacrylate	Ave	0.2207	0.2410		10.9	10.0	9.2	30.0
1,4-Dioxane	Ave	0.1175	0.1077		9.17	10.0	-8.3	30.0
Dibromomethane	Ave	0.4146	0.4349		10.5	10.0	4.9	30.0
Bromodichloromethane	Ave	0.4554	0.5118		11.2	10.0	12.4	30.0
cis-1,3-Dichloropropene	Ave	0.3602	0.3754		10.4	10.0	4.2	30.0
methyl isobutyl ketone	Ave	0.2721	0.3023		11.1	10.0	11.1	30.0
n-Octane	Ave	0.3046	0.3154		10.4	10.0	3.5	30.0
Toluene	Ave	0.6496	0.6472		9.96	10.0	-0.4	30.0
trans-1,3-Dichloropropene	Ave	0.3679	0.3820		10.4	10.0	3.8	30.0
1,1,2-Trichloroethane	Ave	0.2814	0.2775		9.86	10.0	-1.4	30.0
Tetrachloroethene	Ave	0.7503	0.7367		9.82	10.0	-1.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2853	0.3080		10.8	10.0	8.0	30.0
Dibromochloromethane	Ave	0.6469	0.7359		11.4	10.0	13.8	30.0
1,2-Dibromoethane	Ave	0.5817	0.6036		10.4	10.0	3.8	30.0
Chlorobenzene	Ave	1.002	0.996		9.94	10.0	-0.6	30.0
Ethylbenzene	Ave	1.397	1.425		10.2	10.0	2.1	30.0
n-Nonane	Ave	0.4402	0.4572		10.4	10.0	3.9	30.0
m,p-Xylene	Ave	0.6094	0.6143		20.2	20.0	0.8	30.0
Xylene, o-	Ave	0.6153	0.6219		10.1	10.0	1.1	30.0
Styrene	Ave	0.8885	0.9577		10.8	10.0	7.8	30.0
Bromoform	Ave	0.7113	0.8154		11.5	10.0	14.6	30.0
Cumene	Ave	1.732	1.804		10.4	10.0	4.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7547	0.7657		10.1	10.0	1.5	30.0
n-Propylbenzene	Ave	1.874	1.975		10.5	10.0	5.4	30.0
1,2,3-Trichloropropane	Ave	0.5039	0.5399		10.7	10.0	7.1	30.0
n-Decane	Ave	0.5538	0.6093		11.0	10.0	10.0	30.0
4-Ethyltoluene	Ave	1.774	1.894		10.7	10.0	6.8	30.0
2-Chlorotoluene	Ave	1.343	1.426		10.6	10.0	6.2	30.0
1,3,5-Trimethylbenzene	Ave	1.501	1.546		10.3	10.0	3.0	30.0
Alpha Methyl Styrene	Ave	0.7864	0.8971		11.4	10.0	14.1	30.0
tert-Butylbenzene	Ave	1.546	1.616		10.5	10.0	4.5	30.0
1,2,4-Trimethylbenzene	Ave	1.504	1.524		10.1	10.0	1.3	30.0
sec-Butylbenzene	Ave	2.149	2.261		10.5	10.0	5.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: ICV 200-51911/14 Calibration Date: 02/14/2013 03:13
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: wae014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.949	2.067		10.6	10.0	6.1	30.0
1,3-Dichlorobenzene	Ave	1.238	1.250		10.1	10.0	0.9	30.0
1,4-Dichlorobenzene	Ave	1.237	1.253		10.1	10.0	1.3	30.0
Benzyl chloride	Ave	1.119	1.270		11.3	10.0	13.5	30.0
n-Undecane	Ave	0.5623	0.6744		12.0	10.0	19.9	30.0
n-Butylbenzene	Ave	1.447	1.556		10.8	10.0	7.5	30.0
1,2-Dichlorobenzene	Ave	1.194	1.184		9.91	10.0	-0.9	30.0
n-Dodecane	Ave	0.5112	0.6767		13.2	10.0	32.4*	30.0
1,2,4-Trichlorobenzene	Ave	0.8722	1.004		11.5	10.0	15.1	30.0
Hexachlorobutadiene	Ave	0.8202	0.8808		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.664	2.163		13.0	10.0	30.0	30.0
1,2,3-Trichlorobenzene	Ave	0.7786	1.008		12.9	10.0	29.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-53386/3 Calibration Date: 03/23/2013 15:00
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: waex03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4090	0.5731		14.0	10.0	40.1*	30.0
Dichlorodifluoromethane	Ave	2.461	2.561		10.4	10.0	4.1	30.0
Freon 22	Ave	0.9493	1.234		13.0	10.0	30.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.898	3.043		10.5	10.0	5.0	30.0
Chloromethane	Ave	0.5361	0.7265		13.5	10.0	35.5*	30.0
n-Butane	Ave	0.7773	1.158		14.9	10.0	49.0*	30.0
Vinyl chloride	Ave	0.7576	0.9087		12.0	10.0	19.9	30.0
1,3-Butadiene	Ave	0.4749	0.6036		12.7	10.0	27.1	30.0
Bromomethane	Ave	0.8932	0.9484		10.6	10.0	6.2	30.0
Chloroethane	Ave	0.4501	0.5312		11.8	10.0	18.0	30.0
Isopentane	Ave	0.7045	0.9901		14.1	10.0	40.5*	30.0
Bromoethene (Vinyl Bromide)	Ave	1.238	1.152		9.30	10.0	-7.0	30.0
Trichlorofluoromethane	Ave	2.772	2.560		9.23	10.0	-7.7	30.0
n-Pentane	Ave	1.029	1.521		14.8	10.0	47.9*	30.0
Ethanol	Ave	0.1997	0.3377		42.3	25.0	69.1*	30.0
Ethyl ether	Ave	0.6120	0.7219		11.8	10.0	18.0	30.0
Acrolein	Ave	0.2804	0.3837		13.7	10.0	36.9*	30.0
Freon TF	Ave	2.268	2.202		9.71	10.0	-2.9	30.0
1,1-Dichloroethene	Ave	1.134	1.079		9.51	10.0	-4.9	30.0
Acetone	Ave	0.8534	1.088		12.7	10.0	27.5	30.0
Carbon disulfide	Ave	2.976	3.104		10.4	10.0	4.3	30.0
Isopropyl alcohol	Ave	0.6795	1.005		14.8	10.0	47.9*	30.0
3-Chloropropene	Ave	0.6587	0.9382		14.2	10.0	42.4*	30.0
Acetonitrile	Ave	0.3835	0.5744		15.0	10.0	49.8*	30.0
Methylene Chloride	Ave	0.6392	0.8696		13.6	10.0	36.0*	30.0
tert-Butyl alcohol	Ave	1.328	1.624		12.2	10.0	22.3	30.0
Methyl tert-butyl ether	Ave	2.821	2.920		10.3	10.0	3.5	30.0
trans-1,2-Dichloroethene	Ave	1.162	1.358		11.7	10.0	16.9	30.0
Acrylonitrile	Ave	0.5070	0.6781		13.4	10.0	33.8*	30.0
n-Hexane	Ave	1.254	1.565		12.5	10.0	24.8	30.0
1,1-Dichloroethane	Ave	1.486	1.713		11.5	10.0	15.3	30.0
Vinyl acetate	Ave	1.392	2.093		15.0	10.0	50.3*	30.0
cis-1,2-Dichloroethene	Ave	1.291	1.250		9.68	10.0	-3.2	30.0
Methyl Ethyl Ketone	Ave	0.5147	0.5647		11.0	10.0	9.7	30.0
Ethyl acetate	Ave	0.1101	0.1105		10.0	10.0	0.4	30.0
Tetrahydrofuran	Ave	0.1249	0.1936		15.5	10.0	55.0*	30.0
Chloroform	Ave	2.174	2.131		9.80	10.0	-2.0	30.0
Cyclohexane	Ave	0.3386	0.3461		10.2	10.0	2.2	30.0
1,1,1-Trichloroethane	Ave	0.4727	0.4490		9.50	10.0	-5.0	30.0
Carbon tetrachloride	Ave	0.5289	0.4856		9.18	10.0	-8.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-53386/3 Calibration Date: 03/23/2013 15:00
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: waex03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.8146	1.021		12.5	10.0	25.3	30.0
Benzene	Ave	0.7206	0.7359		10.2	10.0	2.1	30.0
1,2-Dichloroethane	Ave	0.2198	0.2319		10.5	10.0	5.5	30.0
n-Heptane	Ave	0.2278	0.3264		14.3	10.0	43.3*	30.0
n-Butanol	Ave	0.0805	0.1112		13.8	10.0	38.0*	30.0
Trichloroethene	Ave	0.3620	0.3207		8.86	10.0	-11.4	30.0
1,2-Dichloropropane	Ave	0.2041	0.2445		12.0	10.0	19.8	30.0
Methyl methacrylate	Ave	0.2207	0.2600		11.8	10.0	17.8	30.0
1,4-Dioxane	Ave	0.1175	0.1153		9.81	10.0	-1.9	30.0
Dibromomethane	Ave	0.4146	0.3469		8.37	10.0	-16.3	30.0
Bromodichloromethane	Ave	0.4554	0.4799		10.5	10.0	5.4	30.0
cis-1,3-Dichloropropene	Ave	0.3602	0.3846		10.7	10.0	6.8	30.0
methyl isobutyl ketone	Ave	0.2721	0.4194		15.4	10.0	54.2*	30.0
n-Octane	Ave	0.3046	0.4534		14.9	10.0	48.8*	30.0
Toluene	Ave	0.6496	0.6476		9.97	10.0	-0.3	30.0
trans-1,3-Dichloropropene	Ave	0.3679	0.3866		10.5	10.0	5.1	30.0
1,1,2-Trichloroethane	Ave	0.2814	0.2981		10.6	10.0	5.9	30.0
Tetrachloroethene	Ave	0.7503	0.6039		8.05	10.0	-19.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2853	0.4323		15.1	10.0	51.5*	30.0
Dibromochloromethane	Ave	0.6469	0.6443		9.96	10.0	-0.4	30.0
1,2-Dibromoethane	Ave	0.5817	0.5670		9.74	10.0	-2.5	30.0
Chlorobenzene	Ave	1.002	0.9366		9.34	10.0	-6.6	30.0
Ethylbenzene	Ave	1.397	1.396		9.99	10.0	-0.0	30.0
n-Nonane	Ave	0.4402	0.5723		13.0	10.0	30.0	30.0
m,p-Xylene	Ave	0.6094	0.6074		19.9	20.0	-0.3	30.0
Xylene, o-	Ave	0.6153	0.5932		9.64	10.0	-3.6	30.0
Styrene	Ave	0.8885	0.9113		10.3	10.0	2.6	30.0
Bromoform	Ave	0.7113	0.7230		10.2	10.0	1.6	30.0
Cumene	Ave	1.732	1.656		9.56	10.0	-4.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7547	0.8276		11.0	10.0	9.7	30.0
n-Propylbenzene	Ave	1.874	1.948		10.4	10.0	3.9	30.0
1,2,3-Trichloropropane	Ave	0.5039	0.5787		11.5	10.0	14.8	30.0
n-Decane	Ave	0.5538	0.7426		13.4	10.0	34.1*	30.0
4-Ethyltoluene	Ave	1.774	1.737		9.79	10.0	-2.1	30.0
2-Chlorotoluene	Ave	1.343	1.351		10.1	10.0	0.6	30.0
1,3,5-Trimethylbenzene	Ave	1.501	1.406		9.36	10.0	-6.4	30.0
Alpha Methyl Styrene	Ave	0.7864	0.7689		9.78	10.0	-2.2	30.0
tert-Butylbenzene	Ave	1.546	1.408		9.10	10.0	-9.0	30.0
1,2,4-Trimethylbenzene	Ave	1.504	1.404		9.33	10.0	-6.7	30.0
sec-Butylbenzene	Ave	2.149	2.086		9.70	10.0	-2.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-53386/3 Calibration Date: 03/23/2013 15:00
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: waex03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.949	1.803		9.25	10.0	-7.5	30.0
1,3-Dichlorobenzene	Ave	1.238	1.038		8.38	10.0	-16.2	30.0
1,4-Dichlorobenzene	Ave	1.237	1.014		8.20	10.0	-18.0	30.0
Benzyl chloride	Ave	1.119	1.121		10.0	10.0	0.2	30.0
n-Undecane	Ave	0.5623	0.7867		14.0	10.0	39.9*	30.0
n-Butylbenzene	Ave	1.447	1.532		10.6	10.0	5.8	30.0
1,2-Dichlorobenzene	Ave	1.194	0.9807		8.21	10.0	-17.9	30.0
n-Dodecane	Ave	0.5112	0.5439		10.6	10.0	6.4	30.0
1,2,4-Trichlorobenzene	Ave	0.8722	0.5708		6.54	10.0	-34.6*	30.0
Hexachlorobutadiene	Ave	0.8202	0.6875		8.38	10.0	-16.2	30.0
Naphthalene	Ave	1.664	1.012		6.09	10.0	-39.1*	30.0
1,2,3-Trichlorobenzene	Ave	0.7786	0.4876		6.26	10.0	-37.4*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-53566/2 Calibration Date: 03/26/2013 14:31
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: waeaa02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4090	0.5577		13.6	10.0	36.4*	30.0
Dichlorodifluoromethane	Ave	2.461	2.510		10.2	10.0	2.0	30.0
Freon 22	Ave	0.9493	1.189		12.5	10.0	25.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.898	3.016		10.4	10.0	4.1	30.0
Chloromethane	Ave	0.5361	0.7081		13.2	10.0	32.1*	30.0
n-Butane	Ave	0.7773	1.033		13.3	10.0	32.9*	30.0
Vinyl chloride	Ave	0.7576	0.8468		11.2	10.0	11.8	30.0
1,3-Butadiene	Ave	0.4749	0.5754		12.1	10.0	21.2	30.0
Bromomethane	Ave	0.8932	0.9113		10.2	10.0	2.0	30.0
Chloroethane	Ave	0.4501	0.5053		11.2	10.0	12.3	30.0
Isopentane	Ave	0.7045	0.9224		13.1	10.0	30.9*	30.0
Bromoethene (Vinyl Bromide)	Ave	1.238	1.152		9.30	10.0	-7.0	30.0
Trichlorofluoromethane	Ave	2.772	2.485		8.96	10.0	-10.4	30.0
n-Pentane	Ave	1.029	1.436		14.0	10.0	39.6*	30.0
Ethanol	Ave	0.1997	0.3156		23.7	15.0	58.1*	30.0
Ethyl ether	Ave	0.6120	0.6957		11.4	10.0	13.7	30.0
Acrolein	Ave	0.2804	0.3700		13.2	10.0	32.0*	30.0
Freon TF	Ave	2.268	2.176		9.59	10.0	-4.1	30.0
1,1-Dichloroethene	Ave	1.134	1.055		9.30	10.0	-7.0	30.0
Acetone	Ave	0.8534	1.157		13.6	10.0	35.6*	30.0
Carbon disulfide	Ave	2.976	3.003		10.1	10.0	0.9	30.0
Isopropyl alcohol	Ave	0.6795	1.001		14.7	10.0	47.3*	30.0
3-Chloropropene	Ave	0.6587	0.8871		13.5	10.0	34.7*	30.0
Acetonitrile	Ave	0.3835	0.5943		15.5	10.0	55.0*	30.0
Methylene Chloride	Ave	0.6392	0.8285		13.0	10.0	29.6	30.0
tert-Butyl alcohol	Ave	1.328	1.606		12.1	10.0	21.0	30.0
Methyl tert-butyl ether	Ave	2.821	2.822		10.0	10.0	0.0	30.0
trans-1,2-Dichloroethene	Ave	1.162	1.317		11.3	10.0	13.4	30.0
Acrylonitrile	Ave	0.5070	0.6598		13.0	10.0	30.1*	30.0
n-Hexane	Ave	1.254	1.504		12.0	10.0	20.0	30.0
1,1-Dichloroethane	Ave	1.486	1.666		11.2	10.0	12.1	30.0
Vinyl acetate	Ave	1.392	1.965		14.1	10.0	41.1*	30.0
cis-1,2-Dichloroethene	Ave	1.291	1.235		9.57	10.0	-4.3	30.0
Methyl Ethyl Ketone	Ave	0.5147	0.5582		10.8	10.0	8.5	30.0
Ethyl acetate	Ave	0.1101	0.1096		9.95	10.0	-0.5	30.0
Tetrahydrofuran	Ave	0.1249	0.1820		14.6	10.0	45.8*	30.0
Chloroform	Ave	2.174	2.092		9.62	10.0	-3.8	30.0
Cyclohexane	Ave	0.3386	0.3385		9.99	10.0	-0.0	30.0
1,1,1-Trichloroethane	Ave	0.4727	0.4393		9.29	10.0	-7.1	30.0
Carbon tetrachloride	Ave	0.5289	0.4782		9.04	10.0	-9.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-53566/2 Calibration Date: 03/26/2013 14:31
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: waeaa02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.8146	0.9726		11.9	10.0	19.4	30.0
Benzene	Ave	0.7206	0.7179		9.96	10.0	-0.4	30.0
1,2-Dichloroethane	Ave	0.2198	0.2245		10.2	10.0	2.1	30.0
n-Heptane	Ave	0.2278	0.3057		13.4	10.0	34.2*	30.0
n-Butanol	Ave	0.0805	0.1027		12.7	10.0	27.5	30.0
Trichloroethene	Ave	0.3620	0.3162		8.73	10.0	-12.7	30.0
1,2-Dichloropropane	Ave	0.2041	0.2345		11.5	10.0	14.9	30.0
Methyl methacrylate	Ave	0.2207	0.2444		11.1	10.0	10.7	30.0
1,4-Dioxane	Ave	0.1175	0.1254		10.7	10.0	6.7	30.0
Dibromomethane	Ave	0.4146	0.3570		8.61	10.0	-13.9	30.0
Bromodichloromethane	Ave	0.4554	0.4616		10.1	10.0	1.4	30.0
cis-1,3-Dichloropropene	Ave	0.3602	0.3716		10.3	10.0	3.2	30.0
methyl isobutyl ketone	Ave	0.2721	0.3780		13.9	10.0	38.9*	30.0
n-Octane	Ave	0.3046	0.4194		13.8	10.0	37.7*	30.0
Toluene	Ave	0.6496	0.6207		9.55	10.0	-4.4	30.0
trans-1,3-Dichloropropene	Ave	0.3679	0.3690		10.0	10.0	0.3	30.0
1,1,2-Trichloroethane	Ave	0.2814	0.2829		10.1	10.0	0.5	30.0
Tetrachloroethene	Ave	0.7503	0.6018		8.02	10.0	-19.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2853	0.3854		13.5	10.0	35.1*	30.0
Dibromochloromethane	Ave	0.6469	0.6276		9.70	10.0	-3.0	30.0
1,2-Dibromoethane	Ave	0.5817	0.5467		9.40	10.0	-6.0	30.0
Chlorobenzene	Ave	1.002	0.9027		9.00	10.0	-9.9	30.0
Ethylbenzene	Ave	1.397	1.317		9.43	10.0	-5.7	30.0
n-Nonane	Ave	0.4402	0.5243		11.9	10.0	19.1	30.0
m,p-Xylene	Ave	0.6094	0.5766		18.9	20.0	-5.4	30.0
Xylene, o-	Ave	0.6153	0.5610		9.12	10.0	-8.8	30.0
Styrene	Ave	0.8885	0.8617		9.70	10.0	-3.0	30.0
Bromoform	Ave	0.7113	0.6983		9.82	10.0	-1.8	30.0
Cumene	Ave	1.732	1.557		8.99	10.0	-10.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7547	0.7614		10.1	10.0	0.9	30.0
n-Propylbenzene	Ave	1.874	1.798		9.59	10.0	-4.1	30.0
1,2,3-Trichloropropane	Ave	0.5039	0.5295		10.5	10.0	5.1	30.0
n-Decane	Ave	0.5538	0.6764		12.2	10.0	22.2	30.0
4-Ethyltoluene	Ave	1.774	1.619		9.12	10.0	-8.8	30.0
2-Chlorotoluene	Ave	1.343	1.255		9.34	10.0	-6.5	30.0
1,3,5-Trimethylbenzene	Ave	1.501	1.315		8.76	10.0	-12.4	30.0
Alpha Methyl Styrene	Ave	0.7864	0.7058		8.97	10.0	-10.2	30.0
tert-Butylbenzene	Ave	1.546	1.321		8.54	10.0	-14.6	30.0
1,2,4-Trimethylbenzene	Ave	1.504	1.309		8.70	10.0	-13.0	30.0
sec-Butylbenzene	Ave	2.149	1.926		8.96	10.0	-10.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-15554-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-53566/2 Calibration Date: 03/26/2013 14:31
 Instrument ID: W.i Calib Start Date: 02/13/2013 18:59
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/14/2013 00:45
 Lab File ID: waeaa02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.949	1.675		8.59	10.0	-14.0	30.0
1,3-Dichlorobenzene	Ave	1.238	0.996		8.04	10.0	-19.6	30.0
1,4-Dichlorobenzene	Ave	1.237	0.9727		7.86	10.0	-21.4	30.0
Benzyl chloride	Ave	1.119	0.9817		8.77	10.0	-12.2	30.0
n-Undecane	Ave	0.5623	0.7321		13.0	10.0	30.2*	30.0
n-Butylbenzene	Ave	1.447	1.393		9.63	10.0	-3.7	30.0
1,2-Dichlorobenzene	Ave	1.194	0.9388		7.86	10.0	-21.4	30.0
n-Dodecane	Ave	0.5112	0.5652		11.1	10.0	10.6	30.0
1,2,4-Trichlorobenzene	Ave	0.8722	0.5944		6.81	10.0	-31.9*	30.0
Hexachlorobutadiene	Ave	0.8202	0.6351		7.74	10.0	-22.6	30.0
Naphthalene	Ave	1.664	1.163		6.99	10.0	-30.1*	30.0
1,2,3-Trichlorobenzene	Ave	0.7786	0.5332		6.85	10.0	-31.5*	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-15554-1

SDG No.: _____

Instrument ID: W.i Start Date: 02/13/2013 16:32Analysis Batch Number: 51911 End Date: 02/14/2013 05:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51911/1		02/13/2013 16:32	1	wae001.d	RTX-624 0.32 (mm)
VIBLK 200-51911/2		02/13/2013 17:23	1		RTX-624 0.32 (mm)
VIBLK 200-51911/3		02/13/2013 18:12	1		RTX-624 0.32 (mm)
IC 200-51911/4		02/13/2013 18:59	1	wae004.d	RTX-624 0.32 (mm)
IC 200-51911/5		02/13/2013 19:48	1	wae005.d	RTX-624 0.32 (mm)
IC 200-51911/6		02/13/2013 20:37	1	wae006.d	RTX-624 0.32 (mm)
IC 200-51911/7		02/13/2013 21:25	1	wae007.d	RTX-624 0.32 (mm)
ICIS 200-51911/8		02/13/2013 22:15	1	wae008.d	RTX-624 0.32 (mm)
IC 200-51911/9		02/13/2013 23:05	1	wae009.d	RTX-624 0.32 (mm)
IC 200-51911/10		02/13/2013 23:54	1	wae010.d	RTX-624 0.32 (mm)
IC 200-51911/11		02/14/2013 00:45	1	wae011.d	RTX-624 0.32 (mm)
VIBLK 200-51911/12		02/14/2013 01:35	1		RTX-624 0.32 (mm)
VIBLK 200-51911/13		02/14/2013 02:25	1		RTX-624 0.32 (mm)
ICV 200-51911/14		02/14/2013 03:13	1	wae014.d	RTX-624 0.32 (mm)
VIBLK 200-51911/15		02/14/2013 04:03	1		RTX-624 0.32 (mm)
ZZZZZ		02/14/2013 04:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/14/2013 05:42	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-15554-1

SDG No.: _____

Instrument ID: W.iStart Date: 03/23/2013 13:38Analysis Batch Number: 53386End Date: 03/24/2013 08:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53386/1		03/23/2013 13:38	1	waex01.d	RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 14:08	1		RTX-624 0.32 (mm)
CCVIS 200-53386/3		03/23/2013 15:00	1	waex03.d	RTX-624 0.32 (mm)
LCS 200-53386/4		03/23/2013 15:56	1	waex04.d	RTX-624 0.32 (mm)
MB 200-53386/5		03/23/2013 16:44	1	waex05.d	RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 17:49	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 18:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 20:04	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 21:11	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 21:59	1		RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 22:47	1		RTX-624 0.32 (mm)
ZZZZZ		03/23/2013 23:35	1		RTX-624 0.32 (mm)
ZZZZZ		03/24/2013 00:25	1		RTX-624 0.32 (mm)
ZZZZZ		03/24/2013 01:12	1		RTX-624 0.32 (mm)
ZZZZZ		03/24/2013 02:00	1		RTX-624 0.32 (mm)
ZZZZZ		03/24/2013 02:48	1		RTX-624 0.32 (mm)
ZZZZZ		03/24/2013 03:36	1		RTX-624 0.32 (mm)
200-15554-1	3485	03/24/2013 04:42	0.2	waex18.d	RTX-624 0.32 (mm)
200-15554-2	4371	03/24/2013 05:50	0.2	waex19.d	RTX-624 0.32 (mm)
200-15554-3	3706	03/24/2013 06:57	0.2	waex20.d	RTX-624 0.32 (mm)
200-15554-4	4360	03/24/2013 08:02	0.2	waex21.d	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-15554-1

SDG No.: _____

Instrument ID: W.iStart Date: 03/26/2013 13:40Analysis Batch Number: 53566End Date: 03/27/2013 12:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-53566/1		03/26/2013 13:40	1	waeaa01.d	RTX-624 0.32 (mm)
CCVIS 200-53566/2		03/26/2013 14:31	1	waeaa02.d	RTX-624 0.32 (mm)
LCS 200-53566/3		03/26/2013 15:38	1	waeaa03.d	RTX-624 0.32 (mm)
MB 200-53566/4		03/26/2013 16:27	1	waeaa04.d	RTX-624 0.32 (mm)
ZZZZZ		03/26/2013 17:15	1		RTX-624 0.32 (mm)
ZZZZZ		03/26/2013 18:21	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/26/2013 19:28	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/26/2013 20:35	0.2		RTX-624 0.32 (mm)
200-15554-5	2851	03/26/2013 22:08	0.2	waeaa09.d	RTX-624 0.32 (mm)
200-15554-6	2637	03/26/2013 23:16	0.2	waeaa10.d	RTX-624 0.32 (mm)
200-15554-7	2878	03/27/2013 00:23	0.2	waeaa11.d	RTX-624 0.32 (mm)
200-15554-8	4571	03/27/2013 01:30	0.2	waeaa12.d	RTX-624 0.32 (mm)
200-15554-9	3232	03/27/2013 02:37	0.2	waeaa13.d	RTX-624 0.32 (mm)
200-15554-10	3036	03/27/2013 03:43	0.2	waeaa14.d	RTX-624 0.32 (mm)
200-15554-11	3333	03/27/2013 04:49	0.2	waeaa15.d	RTX-624 0.32 (mm)
200-15554-12	4072	03/27/2013 05:54	0.2	waeaa16.d	RTX-624 0.32 (mm)
ZZZZZ		03/27/2013 07:01	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/27/2013 08:08	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/27/2013 09:17	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/27/2013 10:23	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/27/2013 11:30	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/27/2013 12:35	0.2		RTX-624 0.32 (mm)

[illegible]

Sequence Information										Individual Sample Review			Comments
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.			
1632	WAE 001	N/A	VSF8	N/A			PAT	N/A	✓	PAT			
1723	002	4633	NETALK		1	200		✓	✓				
1812	003	4633	VIALK		1	200		✓	✓				
1859	004	2572	IC-08		2	40			✓				
1948	005	2572	IC-01		2	200		N/A	✓		455810		
2037	006	3159	IC-02		3	200			✓		455814		
2125	007	3093	IC-03		4	200			✓		460443		
2215	008	2672	ICIS-04		5	200			✓		457530		
2305	009	4016	IC-05		6	200			✓		455813		
2354	010	5015	IC-06		7	200			✓		455814		
0045	011	4233	IC-07		8	200			✓		460429		
0135	012	4633	NETALK		1	200		✓	✓				
0225	013	4633	VIALK		1	200		✓	✓				
0373	014	3503	ICV		9	200		✓	✓				
0403	015	4633	VIALK		1	200		✓	✓		453882 1674		
0452	016	3503	ICS		9	200		✓	✓				
0542	017	4633	MB		1	200		✓	✓		453882		
Signature:  Date: 2/14/13													

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓ = Low • √ = Reviewed and Approvable

#53386

GC/MS Air Instrument Run Log

Sequence		Standard Traceability		Instrument Information	
Target Batch ID: WAEX	Start Date: 3/23/13	Time: 1338	ISTD Container ID: 462405	Instrument ID: W	
Test Method: 1015	End Date: 3/24/13	Time: 1338	CCV Container ID: 463735	Instrument: 5975B	
ICAL Date: 2/14/13			ICV/LCS Container ID: 472114	Column Type: RTX-624	
Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.					

Sequence Information

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Individual Sample Review			Comments
								Internal Std.	Result Conc.	Primary Anal.	
1338	WAEX 01	N/A	BFB	N/A	2	50	PAD	N/A	✓	PAD	
1405	02		Not Used		2	50			✓		R
1500	03	4233	CCV IS		3	200			✓		ok carts (↑ volatility, 12.45 min @ 31.1)
1556	04	2571	UCS		4	200			✓		ok carts (↑ volatility, 12.45 min @ 31.1)
1644	05	4634	1113		6	1000			✓		
1748	06	4270	15620-8	0.2	7				✓		
1858	07	3573	15640-5		8				✓		
2004	08	4570	15615-10		9				✓		
2111	09	2545	15641-1		10	200			✓		
2159	10	0665	15558-1		11				✓		
2247	11	4389	-2		12				✓		
2335	12	4388	-3		13				✓		
0025	13	1185	-4		14				✓		
0112	14	3582	-5		15				✓		
0200	15	3811	-6		16				✓		
0248	16	4659	-7						✓		
0326	17	4656	-8						✓		
0442	18	3485	15554-1	0.2	2	1000			✓		
0550	19	4371	-2		3				✓		
0657	20	3706	-3		4				✓		
0802	21	4360	-4		5				✓		

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓ = Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log			
Sequence	Standard Traceability	Instrument Information	
Target Batch ID: 1632	ISTD Container ID: 248063	Instrument ID: W	
Test Method: 7015	GCV Container ID: 500 Components	Instrument: 5975B	
ICAL Date: 2/14/12	ICV/LCS Container ID: 500 Components	Column Type: RTX-624	
Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.			

Injection Time	GC/MS File Name	Summa Can ID	Sequence Information				Individual Sample Review				Comments
			TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	
16.32	WAE 001	N/A	YF3	N/A							
17.23		4633	VI-BLK		1	200	PAT	N/A	✓	PAT	
18.12		4633	VI-BLK		1	200		✓	✓		
18.59		2572	IC-08		2	40			✓		
19.48		2572	IC-01		2	200		N/A	✓		455876
20.37		3159	IC-02		3	200			✓		455879
21.25		3093	IC-03		4	200			✓		460443
22.15		2672	ICIS-04		5	200			✓		457530
23.05		4076	IC-05		6	200			✓		455813
23.54		5015	IC-06		7	200			✓		455814
06.45		4235	IC-07		8	200			✓		460429
01.35		4633	VI-BLK		1	200			✓		
02.25		4633	VI-BLK		1	200			✓		
03.13		3503	ICV		9	200			✓		453882 AG-74
04.03		4633	VI-BLK		1	200			✓		
04.52		3503	ICS		9	200			✓		453882
05.42		4633	IMS		1	200			✓		

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓ = Low • ✓=Reviewed and Acceptable.

#13569

GC/MS Air Instrument Run Log			
Sequence	Standard Traceability		
Target Batch ID: N160AA	Start Date: 3/26/13	Time: 1340	Instrument Information
Test Method: T015	End Date: 3/27/13	Time: 1340	Instrument ID: W
ICAL Date: 2/14/13			Instrument: 5975B
Analyst / Supervisor Signature(s):	ICVILOS Container ID: 472406		
	ICVILOS Container ID: 472115		
Insert signature when specified as project requirement. Otherwise leave this section blank.			

[illegible]

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓ = Low • ✓=Reviewed and Acceptable

BRFAI048:11.29.12:0
TestAmerica Burlington

Shipping and Receiving Documents

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>ERIC ALONGE</u>		Samples Collected By: <u>EA</u>		1 of 1 COCs	
Company: <u>U/3/2045 ERIC</u>		Phone: <u>315-956-6674</u>					
Address: <u>333 W. WASHINGTON ST</u>		Email: <u>eric.alonge@siglog.com</u>					
City/State/Zip: <u>SARASOTA FL 34231</u>		Site Contact: <u>ERIC ALONGE</u>					
Phone: <u>315-956-6674</u>		TA Contact: <u>DOUG D.</u>					
FAX:		Analysis Turnaround Time					
Project Name: <u>FEIN TOOL</u>		Standard (Specify)					
Site: <u>1 HOLLAND AVE, WHITE RAVEN NY</u>		Rush (Specify)					
PO #							

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
1-IA1-032813	3/28/13	730	1454	29.59	6.37	2937	4380	X							X				
1-IA2-032813	3/28/13	731	1511	29.62	6.96	3664	3485	X							X				
1-IA3-032813	3/28/13	728	1329	29.56	1.31	4180	3333	X							X				
1-IA4-032813	3/28/13	729	1300	29.60	0.04	3613	4371	X							X				
1-AA1-032813	3/28/13	729	1500	29.63	6.10	2665	2878	X							X				



200-15795 Chain of Custody

Special Instructions/QC Requirements & Comments:

Samples Shipped by: <u>[Signature]</u>	Date/Time: <u>3/29/13 1212</u>	Samples Received by: <u>KEVIN / SIGLOG, TA SyR</u>	Samples Received by: <u>KEVIN / SIGLOG, TA SyR</u>
Samples Relinquished by: <u>KEVIN / SIGLOG</u>	Date/Time: <u>3/29/13 15:00</u>	Received by: <u>KEVIN / SIGLOG</u>	Received by: <u>KEVIN / SIGLOG</u>
Relinquished by:	Date/Time:	Received by:	Received by:

Lab Use Only: Shipper Name: Condition:

Penex: 474482597310
474482597309

AJ MASSA
TESTAMERICA
SYRACUSE SERVICE CENTER
118 BOSS ROAD
SYRACUSE, NY 13211
UNITED STATES US

ActWgt: 13.0 LB MAN
System#: 281822/CAFE2362
Account: S 371356100
Dimmed: 20x10x10 IN

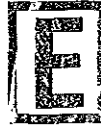
TESTAMERICA
SYRACUSE SERVICE CENTER
118 BOSS ROAD
SYRACUSE, NY 13211
UNITED STATES US

System#: 281822/CAFE2362
Dimmed: 20x10x10 IN

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

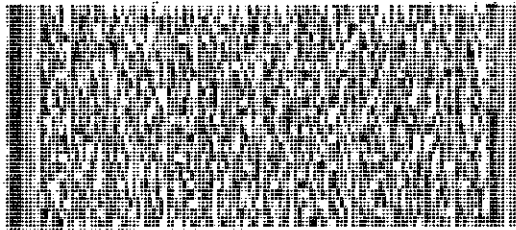
(802) 660-1990

FedEx
Express



SOUTH BURLINGTON, VT 05403

Ref: OBG FEIN AIR 2BOXES



Delivery Address
Barcode

BILL RECIPIENT

PRIORITY SATURDAY

Deliver By:
30MAR13

TRK# 4744 8269 7310

Form
0201

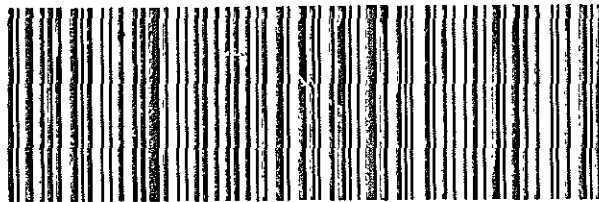
BTV

A4

05403

-VT-US

XO BTVA



TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

(802) 660-1990

FedEx
Express



SOUTH BURLINGTON, VT 05403

(US)

TRK# 4744 8269 7310

PRIORITY SATURDAY



30 COMMUNITY DRIVE SUITE 11

PLACE THIS LABEL ON PACKAGE
NEXT TO THE SHIPPING LABEL

AJ MASSA
TESTAMERICA
SYRACUSE SERVICE CENTER
118 BOSS ROAD
SYRACUSE, NY 13211
UNITED STATES US

Ship Date: 29MAR13
ActWgt: 30.0 LB MAN
System#: 281822/CAFE2362
Dimmed: 20x20x17 IN

AJ MASSA
TESTAMERICA
SYRACUSE SERVICE CENTER
118 BOSS ROAD
SYRACUSE, NY 13211
UNITED STATES US

ActWgt: 30.0 LB MAN
System#: 281822/CAFE2362
Account: S 371356100
Dimmed: 20x20x17 IN

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

(802) 660-1990

FedEx
Express



SOUTH BURLINGTON, VT 05403

(US)

TRK# 4744 8269 7309

PRIORITY SATURDAY



30 COMMUNITY DRIVE SUITE 11

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

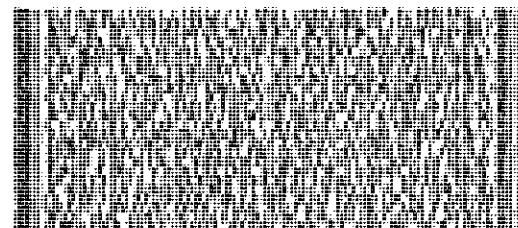
(802) 660-1990

FedEx
Express



SOUTH BURLINGTON, VT 05403

Ref: OBG FEIN AIR 2BOXES



Delivery Address
Barcode

BILL RECIPIENT

PRIORITY SATURDAY

Deliver By
30MAR13

TRK# 4744 8269 7309

Form
0201

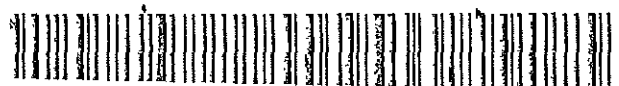
BTV

A4

05403

-VT-US

XO BTVA



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 200-15795-1

SDG Number: 200-15795

Login Number: 15795

List Source: TestAmerica Burlington

List Number: 1

Creator: Gagne, Eric

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	587268 & 587269
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	AMBIENT
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time.	True	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

*Data Usability Summary
Report*