

REMEDIAL INVESTIGATION REPORT

Former Albany Laboratories Site Albany, New York

*NYSDEC Site No. 401061
CHA Project Number: 21645*

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CERTIFICATION

I, the undersigned, certify that I am currently a NYS registered professional engineer and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

For CHA:

(Professional Seal)



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1.0 INTRODUCTION

This report has been prepared to describe the field activities and present the findings of a Remedial Investigation (RI) conducted by CHA in connection with the former Albany Laboratories site, located at 67 Howard Street in the City of Albany, New York, and the adjacent property at 142 State Street. The RI was conducted in accordance with CHA's *Remedial Investigation Work Plan*, dated June 13, 2011, which was developed based on the New York State Department of Environmental Conservation's (NYSDEC) DER-10 *Technical Guidance for Site Investigation and Remediation* issued by the Division of Environmental Remediation (May 3, 2010).

The primary objectives of the RI were to:

- Determine the potential for soil vapor intrusion (SVI) into the building located at 142 State Street; and
- Define the nature/extent of SVI issues, if present, in the building located at 142 State Street.

The data derived from the RI were used to facilitate an evaluation of the potential migration or possible future migration of soil vapor into the building located at 142 State Street, and to develop remedial recommendations for the Site.

There are no reported releases associated with the 142 State Street property, the subject of this report. Rather, it is believed that this Site was impacted by an historical release that occurred at the adjacent 67 Howard Street. As discussed in the RI Work Plan and further in Section 2.2 of this report, all accessible, impacted soil located at the 67 Howard Street has previously been excavated and disposed off-site, eliminating the source area of the contamination. Therefore, this RI is limited to and focused on the evaluation of the potential sub-slab soil vapor and indoor air quality impacts on the neighboring structure located at 142 State Street. No other media (e.g. sub-surface soils or groundwater) were evaluated as part of this RI.

2.0 SITE BACKGROUND

The Former Albany Laboratories Site, referred to hereafter as the Site, consists of the northern portion of the 67 Howard Street parcel and a portion of the south end of the parcel at 140 State Street, in the City of Albany, New York. A Site Location Map is included as Figure 1. Prior to demolition of adjacent buildings, completed in 2009, the Site was the southern portion of a courtyard created by adjacent buildings at 138 State Street, 140 State Street, 142 State Street, and 67 Howard Street.

In January 2006, a Phase I Environmental Site Assessment (ESA) was performed by CHA which included the subject Site. The Phase I ESA indicated that an underground storage tank (UST) was present in the northern portion of the former courtyard (140 State Street parcel) and that the 67 Howard Street parcel was used historically by Albany Chemical Laboratories, who used portions of the courtyard area for storage of chemicals. Based on these findings, the Phase I ESA indicated the need for further investigation.

Since that time, several investigations were completed at the Site which indicated that contamination including volatile organic compounds (VOCs) were present in the Site soils at levels which exceeded New York State Part 375 unrestricted soil cleanup standards and also that there were no groundwater impacts at the Site. An Interim Remedial Measure (IRM) to remove the VOC-impacted soils was undertaken in January and February 2011 and successfully removed the majority of the impacted soil present at the Site. Previous investigations are described in Section 2.2.

Based on the findings of the previous investigations and the IRM that entailed source removal of impacted soils, the RI focused on the potential for soil vapor intrusion (SVI) into the adjacent structure located at 142 State Street and obtained the necessary field data to evaluate the nature and extent of potential SVI impacts on the neighboring structure.

2.1 SITE SETTING

2.1.1 Surface Features

In general, the Site has an elevation of approximately 102 feet above mean sea level (AMSL) based upon the USGS topographic mapping of the area. Topography on-site is relatively flat with a rather significant slope to the east toward the Hudson River. According to the Federal Emergency Management Agency, the Site is not located in an area of 100- or 500-year flooding.

2.1.2 Site Features

The Site is a portion of the former courtyard area which was approximately 26 feet wide by 142 feet long. Currently, the Site is vacant with no buildings remaining.

At the time the previous Phase I ESA site inspection was conducted, the property was improved with a two-story wood and brick building that had been used by Albany Laboratories. No hazardous substances were noted in the building at the time of the inspection.

2.1.3 Site Geology

The USDA Soil Survey for Albany County indicates that the soils of the subject Site are classified as Urban Land. The Urban Land designation is assigned to areas where 85% or greater of the surfaces are covered by impervious materials. Surficial and bedrock geologic maps compiled by the USGS, Hudson Mohawk Sheets, indicate that the surficial soils of the subject Site consist of lacustrine silt and clay which are underlain by bedrock of Normanskill Shale with minor mudstone and sandstone. Based on topographic information and previous investigations, groundwater is estimated to be at a depth of greater than 50 feet bgs. The direction of groundwater flow beneath the subject Site has not been physically verified; however, based on regional topography, local groundwater flow beneath the Site is inferred to be in an east/southeasterly direction toward the Hudson River. Surface flow is also in an east/southeasterly direction toward the Hudson River, with stormwater runoff directed in a southeasterly direction to storm drains along bordering streets.

2.2 PREVIOUS INVESTIGATIONS

As previously indicated, several investigations and remedial activities have been conducted at the Site and include the following:

- Phase 1 ESA (report dated January 27, 2006)
- Investigation related to an identified underground storage tank and historic soil contamination located in the courtyard behind 140 State Street (report dated August 1, 2007)
- Additional soil sampling in the courtyard located between 67 Howard Street and 140 State Street (November 8, 2007)
- Tank closure of the underground storage tank (UST) located at 140 State Street, Albany, New York (report dated April 7, 2009)
- Soil removal and supplementary subsurface investigation, 140 State Street, Albany, New

York (report dated April 23, 2009)

- Site Characterization Report, 67 Howard Street Site, Albany, New York (August 2010)
- IRM Construction Completion Report, Former Albany Laboratories Site, Albany, New York (October 3, 2010)

Following the findings of the Phase I ESA, in June 2007, CHA installed six (6) shallow (maximum depth of two (2) ft) borings at the Site using hand-auger methods due to the limited access into the courtyard at the time. No field evidence of contamination was observed. Three (3) shallow (< 2 ft) soil samples collected from the borings contained detectable levels of VOCs, semi-volatile organic compounds (SVOCs), and metals, with the concentrations of several parameters exceeding New York State Department of Environmental Conservation (NYSDEC) Title 6, Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). Based on the observations made during the investigation, it was suggested that the contamination in the courtyard was due to historic urban contamination and/or historic fill material, and that additional hand auger borings should be installed and sampled to better characterize the Site. A spill (#0704683) was reported to the NYSDEC on June 25, 2007. Removal of the UST was performed on October 21, 2008.

Additional sampling in the courtyard was completed in September 2007 to further delineate the horizontal and vertical limits of contaminated soil, and to determine the management practices necessary for any impacts to the soil during construction. Analytical results from soil samples collected during the investigation indicated that several SVOCs and metals were detected at concentrations exceeding Part 375 Unrestricted Use SCOs. The results also indicated that the surface samples (0 to 0.5 ft) were generally more contaminated than the deeper samples (1.5 to 2 ft), further suggesting that the Site contamination was shallow and due to historic urban contamination. It was recommended that the top 2 feet of soil be removed from the entire courtyard to reduce restrictions on future use of the Site was made.

Following the demolition of the building on 67 Howard Street, between September 15 and September 18, 2008, approximately two (2) ft of surface soil was removed from the entire courtyard area and stockpiled. Field screening of the stockpiled soils indicated that they had no odor and no visual evidence of contamination. Upon completion of the excavation, five confirmatory soil samples were collected from the excavation. The analytical results from these samples indicated that again several SVOCs and three metals were detected in concentrations in exceedance of Part 375 Unrestricted Use SCOs. Because of these results, it was determined that an additional one (1) foot of soil should be removed from the entire courtyard area. An

additional one (1) foot of soil was removed October 20, 2008. Four confirmatory soil samples from the bottom of the excavation were collected for analysis on October 27, 2008. The analytical results for these samples again indicated that there was contamination remaining in the soils beneath the three (3) feet that had been excavated. Three of the four samples contained VOCs and mercury at concentrations above the Part 375 Unrestricted Use SCOs, and one sample contained SVOCs at concentrations above Part 375 Unrestricted Use SCOs.

Based on the results of the soil removal, an additional ten (10) soil borings were installed using standard Geoprobe® drilling techniques to further delineate the nature and extent of contamination. The locations of these borings were based on the results from the previous soil sampling efforts and were advanced and sampled to a depth of four (4) ft bgs (seven (7) ft below the previous ground surface). Based on the previous results, five (5) of the borings installed in the northern portion of the Site were analyzed for mercury only, and the five (5) borings installed in the southern portion of the Site were analyzed for VOCs and SVOCs. Two of the borings contained mercury above Part 375 Unrestricted Use SCOs at shallow depths. Three (3) of the remaining five (5) borings sampled contained VOCs and SVOCs at concentrations in exceedance of Part 375 Unrestricted Use SCOs at various depths.

The analytical results from these borings suggested an area of shallow mercury contamination in the northern end of the courtyard and VOC and SVOC contamination at the southern end of the courtyard, possibly extending to depths greater than four (4) ft bgs. CHA recommended further investigation to define the vertical limits of contamination in the southern portion of the courtyard following the demolition of the buildings that bounded the Site to the east.

In November 2009 the foundation walls of the former building at 138 State Street, which bordered the courtyard to the east, were removed. Soils were field screened during trenching along the east side of the eastern foundation wall. The top eight (8) ft of soil in the trench was coarse silty sand with gravel and brick fill overlying gray clay. Contamination with a slight odor and staining was observed at the base of the foundation, on top of the gray clay, with PID readings that ranged from approximately 30 to 147 parts per million (ppm). This contamination was observed starting about 30 ft northeast of Howard Street, and continuing northeast for another 25 ft. Contaminated soils derived from the foundation removal were stockpiled and sampled for laboratory analysis. The results from this sample indicated that the soils excavated from the area had several parameters exceeding Part 375 Unrestricted Use SCOs but were generally lower in concentration than previous samples collected at the Site.

Excavation in the courtyard areas determined to be contaminated by mercury (northern area) and volatile organics (southern) commenced on February 10, 2010. An excavation of 14 ft x 21 ft x 3-5 ft deep was completed in the mercury contaminated area. Analytical results of clearance samples collected from each sidewall and the bottom of the excavation. The sample results indicated that all samples were below Part 375 SCO's except for the southern sidewall. The soils were observed to be approximately one (1) to 1.5 feet of loose fill associated with recent demolition, underlain by a geotextile fabric which was laid after previous soil removal activities in 2008. Beneath the geotextile was gray clay, except for the eastern edge of the excavation, where exposed fill associated with the former foundation builder's trench was observed.

Following excavation of the mercury area, excavation began in the southern portion of the courtyard where VOC-impacted soils had been observed. Soils were similar to the northern excavation with gray clay overlain by a geotextile fabric and recent loose demolition debris. Starting at a depth of approximately four (4) ft below grade field screening indicated potential high levels of contamination. A significant odor was observed and PID readings were as high as 1123 ppm. Little staining was observed.

Excavation work continued, resulting in a final excavation of 31 ft x 20 ft x 10-11 ft deep. The soils below the geotextile consisted only of gray clay. The top four feet of clay was hard, with some vertical fractures, and contained roots and small layers of silt and sand. This hard clay layer was underlain by a softer clay with no distinct layering. Some black staining was observed between these layers and within both the upper and lower clay units. The horizontal laminations and other layers that were still intact suggest that the clay is a native soil and not fill.

Based on the field screening, the southern end of the excavation appeared to be more heavily contaminated than the northern end, with PID readings in the upper four feet as high as or in excess of 9,999 ppm (the upper limit of the PID). The excavation activities ceased after the Colonie Landfill, where the excavated soils were being disposed of, would no longer accept the soil due to the clay content, as they have difficulty handling and placing the clay. Furthermore, with input from NYSDEC, it was determined that due to the high PID readings, further characterization of this material was needed in order to determine how to proceed. Confirmatory samples were collected from the northeastern and northwestern sidewalls of the excavation at depths of approximately 8 to 10 ft bgs. In addition, a sample for analysis using the Toxicity Characteristic Leaching Procedure (TCLP) was collected from the stockpiled soil for the purposes of waste characterization.

All samples contained VOC parameters at concentrations in exceedance of Part 375 Unrestricted Use SCOs, although concentrations were generally lower than in samples previously collected during the soil boring program. Furthermore, the TCLP sample indicated that some of the soils removed would need to be classified as hazardous waste due to the leachable levels of trichloroethene and tetrachloroethene detected.

As a result of a meeting held at the New York State Department of Environmental Conservation (NYSDEC) Region 4 Headquarters on March 17, 2010, it was determined that additional investigation and characterization would be performed to determine the full nature and extent of contamination at the subject Site.

A Site Characterization Work Plan dated May 3, 2010 was developed and approved by the Department. The additional investigation and characterization was completed in May of 2010 and the findings of this investigation are detailed in the Site Characterization (SC) Report completed by CHA dated August 2010. The SC Report confirmed and delineated the horizontal and vertical extent of the soils contaminated with VOCs. It was found that groundwater was not present within 50 feet of the ground surface and that the contamination only extended to approximately 16 bgs, and therefore, no groundwater impacts are anticipated. Lastly it found that volatile organic compounds were detected in each of the three soil vapor samples collected at the Site. Trichloroethene and tetrachloroethene were detected at concentrations greater than the Air Guideline Values listed in Table 3.1 of the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. Therefore, it was determined there is the potential for the soil contamination at the Site to contribute to soil vapor contamination adjacent to the neighboring property to the northwest at 142 State Street.

Due to the nature and concentrations of the compounds detected, the Site was entered into the NYSDEC Superfund Program. Under the oversight of the Superfund Program, an Interim Remedial Measure (IRM) was undertaken in January and February of 2011 to complete a source removal of the soils impacted with VOCs. The IRM activities were successful in removing the impacted soils and the activities are detailed in the IRM Construction Completion Report completed by CHA and dated October 3, 2011. However, due to residual VOC contamination remaining at the Site, further Site investigation is required to evaluate the potential for soil vapor intrusion into the 142 State Street building.

3.0 REMEDIAL INVESTIGATION ACTIVITIES

3.1 INSTALLATION OF SUB-SLAB VAPOR PROBES

On February 28, 2012, CHA installed three permanent sub-slab sampling probes within the basement of the building located at 142 State Street. The sampling probes were installed to facilitate collection of sub-slab soil vapor samples to evaluate the potential for intrusion of volatile organic compounds (VOCs) into the building due to historical VOC impacts to subsurface soils in connection with historical operations on the adjacent Former Albany Laboratories site. The sampling probes were identified as SSV-1, SSV-2 and SSV-3, and their approximate locations are depicted in Figure 2. The probes were located in the eastern portion of the basement, adjacent to the area of contaminated soil removed under the IRM completed in February 2011, and were installed at locations where the potential for ambient air infiltration was minimized.

At each probe location, a 3/4-inch diameter hole was drilled through the concrete floor slab and into the sub-slab material a maximum of 2 inches below the bottom of the floor slab. A vapor sampling probe, consisting of a 3/8-inch outside diameter by 1/4-inch inside diameter, black metal pipe, was then installed in each hole. Coarse sand was added around the outside of each sampling probe to approximately 1 inch above the bottom of the probe. Finally, cement was used to fill the annular space between the probe and the surrounding concrete floor slab, and to create a surface seal. Each probe was finished with a threaded metal cap, flush with the floor.

3.2 INDOOR AIR QUALITY QUESTIONNAIRE AND CHEMICAL INVENTORY

At the time that the sub-slab sample probes were installed, CHA completed a chemical inventory in the immediate vicinity of the sampling locations to identify and document materials (in use or in storage) that likely contained volatile organic compounds. CHA completed a New York State Department of Health (NYSDOH) *Indoor Air Quality Questionnaire and Building Inventory* prior to the 2011/2012 heating season sampling event (February 29, 2012), and again prior to a second sampling event which was conducted during the 2012/2013 heating season (November 27, 2012). A copy of the questionnaire and chemical inventory for each sampling event is included in Appendix A. Each of the products listed in the inventory was observed to be in used condition at the time of the sampling events. In addition, two unlabeled 55-gallon drums were observed in the basement, although not in the immediate vicinity of the sampling locations.

3.3 SUB-SLAB AND INDOOR AIR SAMPLING

During each sampling event, sub-slab soil vapor and indoor air samples were collected (in pairs) from within the basement and analyzed to evaluate the potential for vapor intrusion into the building. The sample pairs are listed in the table below for reference. For each sub-slab sample location, a corresponding indoor air sample was collected in the immediate vicinity of the sub-slab sample location (see Figure 2) at a height of approximately 3 to 5 feet above the floor surface. Sampling was conducted in accordance with the NYSDOH Center for Environmental Health *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006) and the approved work plan.

Soil Vapor Sampling Probe ID	Corresponding Indoor Air Sample Number
SSV-1	IA-1
SSV-2	IA-2
SSV-3	IA-3

Soil vapor and indoor air samples were collected in 6-liter SUMMA canisters with laboratory-calibrated flow regulators set for an eight-hour sampling duration. Following collection, the samples were submitted to TestAmerica, Inc., a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory, under proper chain-of-custody protocol, and analyzed for the presence of volatile organic compounds (VOCs) via EPA Method TO-15. Sampling logs are included in Appendix B.

3.4 QUALITY ASSURANCE/QUALITY CONTROL

As a QA/QC measure, CHA collected one outdoor ambient air (background) sample, identified as AM-1, adjacent to the southeastern side of the building (see Figure 2). The ambient air sample was also analyzed by EPA Method TO-15. The purpose of the analysis of the background sample was to determine if one or more compounds detected in the indoor air samples could be attributable to background levels at the site at the time of sampling.

As an additional QA/QC measure during each sampling event, and per the approved Work Plan, helium was used as a tracer gas prior to collection of soil vapor samples to verify adequate

sealing of the soil vapor sampling probes. At each vapor sampling probe location, bentonite slurry was spread on the concrete surface in a 2-foot diameter circle centered around the probe and a 2-foot by 2-foot section of plastic sheeting was placed over the bentonite slurry thereby creating an enclosure. Next, a hole was made in the plastic sheeting and the sampling tubing was inserted through the sheeting and into the probe. The plastic sheeting/sampling tube interface was then sealed using a small amount of plumber's putty. An additional hole was made in the enclosure in order to introduce the tracer gas to the enclosure. The tracer gas was then released into the enclosure to displace any ambient air within the enclosure in order to provide positive pressure. Finally, a Dielectric MGD-2002 helium detector was utilized to monitor potential helium leaks prior to soil vapor sample collection by purging vapor through the sampling tube.

During each sampling event, following the tracer gas study, but before collection of sub-slab soil vapor samples, one to three implant volumes (volume of the sample probe and tube) of soil vapor were purged. This action was completed to ensure that the samples collected were representative of the soil vapor conditions.

4.0 DISCUSSION OF ANALYTICAL RESULTS

Each of the samples was analyzed for the presence of VOCs via EPA Method TO-15. The method detection limits (MDLs) for the contaminants of concern, specifically tetrachloroethene (PCE) and trichloroethene (TCE) were at or below the detection limits set forth in the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. Specifically, the MDL was at or below 0.25 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for Matrix 1 compounds and at or below $3.0 \mu\text{g}/\text{m}^3$ for Matrix 2 compounds. The sub-slab soil vapor and indoor air sample results (detected parameters only) are summarized in Table 1, attached. A copy of the laboratory report can be found in Appendix C.

4.1 GUIDANCE/SCREENING LEVELS

The laboratory analytical results reported for the compounds carbon tetrachloride, 1,1-dichloroethylene, cis-1,2-dichloroethene, tetrachloroethene, 1,1,1-trichloroethane, trichloroethene and vinyl chloride, in both the sub-slab soil vapor and indoor air samples, were compared to the values contained in the “decision matrices” that are presented in the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. It should be noted that these seven compounds are the only compounds that are considered by the NYSDOH decision matrices, which can warrant monitoring or mitigation. The results for the analyses of the samples are summarized in Table 1 relative to the matrix threshold values for these key parameters. The matrix threshold values are the upper limit sub-slab and indoor air quality values stated in Tables 1 and 2 of the referenced October 2006 NYSDOH vapor intrusion guidance. Comparison of sub-slab soil vapor and indoor air analytical results to the established matrix values results in one of four recommendations: 1) No further action; 2) Take reasonable and practical actions to identify source(s) and reduce exposures; 3) Monitor; and 4) Mitigate.

4.2 QUALITY ASSURANCE/QUALITY CONTROL SAMPLING RESULTS

Results of the tracer gas study for each sampling event are included in the following table. Based on detected helium concentrations of less than 10 percent (100,000 parts per million), the three sub-slab sampling probes were determined to be adequately sealed.

Sampling Probe ID	Helium Concentration (parts per million)	
	2011/2012	2012/2013
SSV-1	850	1,125
SSV-2	625	650
SSV-3	975	425

As noted in Table 1, the background sample (AM-1) for both the February and November 2012 sampling events was found to contain low concentrations of VOCs. Carbon tetrachloride was detected at a concentration of $0.41 \mu\text{g}/\text{m}^3$ in February 2012 and $0.39 \mu\text{g}/\text{m}^3$ in November 2012. The background sample results serve as a basis of comparison for both the sub-slab and the indoor air results discussed in the following section.

4.3 SOIL VAPOR AND INDOOR AIR SAMPLING RESULTS

The analytical results of the sub-slab soil vapor and indoor air sample pairs (for compounds in the NYSDOH Decision Matrices) are summarized below and are also shown on Figure 3.

SSV-1 and IA-1

2011/2012 Heating Season

The results from the analysis of the sub-slab and indoor air samples collected from sample locations SSV-1 (sub-slab sample) and IA-1 (indoor air sample) identified the presence of a number of VOCs at levels above the respective laboratory detection limits.

Most of the sample results were below matrix values. While the compounds referenced below were detected at levels above NYSDOH sub-slab vapor matrix thresholds, only two were detected at levels above NYSDOH indoor matrix thresholds.

<u>Parameter</u>	<u>NYSDOH Matrix</u>	<u>Sub-Slab Concentration</u>	<u>Indoor Air Concentration</u>	<u>Recommended Action</u>
Carbon Tetrachloride	1	$35 \mu\text{g}/\text{m}^3$	$0.36 \mu\text{g}/\text{m}^3$	Monitor
Trichloroethene	1	$260 \mu\text{g}/\text{m}^3$	$0.34 \mu\text{g}/\text{m}^3$	Mitigate
Cis-1,2-Dichloroethene	2	$140 \mu\text{g}/\text{m}^3$	Not Detected	Monitor
1,1,1-Trichloroethane	2	$190 \mu\text{g}/\text{m}^3$	Not Detected	Monitor

The most stringent suggested action, according to the NYSDOH Decision Matrices, would be mitigation. This suggested action is based on the sub-slab vapor and indoor air concentration of trichloroethene found at sub-slab sample location SSV-1.

2012/2013 Heating Season

The results from the analysis of the sub-slab and indoor air samples collected from sample locations SSV-1 and IA-1 identified the presence of a number of VOCs at levels above the respective laboratory detection limits.

Most of the sample results were below matrix values. While the compounds referenced below were detected at levels above NYSDOH sub-slab vapor matrix thresholds, only two were detected at levels above NYSDOH indoor matrix thresholds.

<u>Parameter</u>	<u>NYSDOH Matrix</u>	<u>Sub-Slab Concentration</u>	<u>Indoor Air Concentration</u>	<u>Recommended Action</u>
Carbon Tetrachloride	1	32 µg/m ³	0.43 µg/m ³	Monitor
Trichloroethene	1	940 µg/m ³	0.56 µg/m ³	Mitigate
Cis-1,2-Dichloroethene	2	510 µg/m ³	Not Detected	Monitor
1,1,1-Trichloroethane	2	130 µg/m ³	Not Detected	Monitor

Similar to the 2011/2012 heating season sampling event, the most stringent suggested action, according to the NYSDOH Decision Matrices, would be mitigation. This suggested action is based on the sub-slab vapor and indoor air concentration of trichloroethene found at sub-slab sample location SSV-1.

SSV-2 and IA-2

2011/2012 Heating Season

The results from the analysis of the sub-slab and indoor air samples collected from sample locations SSV-2 (sub-slab sample) and IA-2 (indoor air sample) identified the presence of a number of VOCs at levels above the respective laboratory detection limits.

Most of the sample results were below matrix values. As shown below, trichloroethene was detected at a level above both the NYSDOH sub-slab vapor and indoor air matrix thresholds, and carbon tetrachloride was detected at a level above only the NYSDOH indoor air matrix thresholds.

<u>Parameter</u>	<u>NYSDOH Matrix</u>	<u>Sub-Slab Concentration</u>	<u>Indoor Air Concentration</u>	<u>Application of Matrix</u>
Carbon Tetrachloride	1	Not Detected	0.41 µg/m ³	Take reasonable and practical actions.
Trichloroethene	1	12 µg/m ³	0.33 µg/m ³	Monitor

The most stringent suggested action, according to the NYSDOH Decision Matrices, would be monitor. This suggested action is based on the sub-slab vapor and indoor air concentration of trichloroethene.

2012/2013 Heating Season

The results from the analysis of the sub-slab and indoor air samples collected from sample locations SSV-2 and IA-2 identified the presence of a number of VOCs at levels above the respective laboratory detection limits.

Most of the sample results were below matrix values. As shown below, trichloroethene was detected at levels above both the NYSDOH sub-slab vapor and indoor air matrix thresholds, and carbon tetrachloride was detected at a level above only NYSDOH indoor air matrix threshold.

<u>Parameter</u>	<u>Matrix</u>	<u>Sub-Slab Concentration</u>	<u>Indoor Air Concentration</u>	<u>Application of Matrix</u>
Carbon Tetrachloride	1	Not Detected	0.79 $\mu\text{g}/\text{m}^3$	Take reasonable and practical actions.
Trichloroethene	1	16 $\mu\text{g}/\text{m}^3$	0.44 $\mu\text{g}/\text{m}^3$	Monitor

Similar to the 2011/2012 Heating Season Investigation, the most stringent suggested action, according to the NYSDOH Decision Matrices would be monitor. This suggested action is based on the sub-slab vapor and indoor air concentration of trichloroethene.

SSV-3 and IA-3

2011/2012 Heating Season Investigation

The results from the analysis of the sub-slab vapor and indoor air samples collected from sample locations SSV-3 (sub-slab sample) and IA-3 (indoor air sample) identified the presence of a number of VOCs at levels above the respective laboratory detection limits.

Most of the sample results were below matrix values. As shown below, trichloroethene was detected at levels above both the NYSDOH sub-slab vapor and indoor air matrix thresholds, and carbon tetrachloride was detected at a level above the NYSDOH indoor matrix threshold.

<u>Parameter</u>	<u>NYSDOH Matrix</u>	<u>Sub-Slab Concentration</u>	<u>Indoor Air Concentration</u>	<u>Application of Matrix</u>
Carbon Tetrachloride	1	Not Detected	0.38 µg/m ³	Take reasonable and practical actions.
Trichloroethene	1	27 µg/m ³	0.32 µg/m ³	Monitor

The most stringent suggested action, according to the NYSDOH Decision Matrices, would be monitor. This suggested action is based on the sub-slab vapor and indoor air concentration of trichloroethene.

2012/2013 Heating Season

The results from the analysis of the sub-slab soil vapor and indoor air samples collected from sample locations SSV-3 and IA-3 identified the presence of a number of VOCs at levels above the respective laboratory detection limits.

Most of the sample results were below matrix values. As shown below, trichloroethene was detected at levels above both the NYSDOH sub-slab vapor and indoor air matrix thresholds, and carbon tetrachloride was detected at a level above the NYSDOH indoor matrix threshold.

<u>Parameter</u>	<u>Matrix</u>	<u>Sub-Slab Concentration</u>	<u>Indoor Air Concentration</u>	<u>Application of Matrix</u>
Carbon Tetrachloride	1	Not Detected	0.45 µg/m ³	Take reasonable and practical actions.
Trichloroethene	1	12 µg/m ³	0.48 µg/m ³	Monitor

Similar to the 2011/2012 Heating Season Investigation, the most stringent suggested action, according to the NYSDOH Decision Matrices, would be monitor. This suggested action is based on the sub-slab vapor and indoor air concentration of trichloroethene.

5.0 SAMPLE HANDLING/DATA USABILITY

According to the laboratory job narratives, all samples were received in good condition and within required holding times. No difficulties were encountered during the VOC analyses for the sub-slab soil vapor samples or the low level VOC analyses for the ambient and indoor air samples. All quality control parameters were within acceptable limits.

TestAmerica is currently certified under the New York State Department of Health's Environmental Laboratory Approval Program (ELAP) to conduct the required analyses. Laboratory results for each sampling event were provided in a Category B deliverable package pursuant to the New York State Analytical Services Protocol (ASP) requirements. The laboratory analytical reports are included in Appendix C. The complete laboratory deliverable package for each sampling event was submitted to Alpha GeoScience (Alpha) of Clifton Park, New York for independent data validation. According to the Data Usability Summary Reports, the overall performances of the analyses are acceptable and TestAmerica fulfilled the requirements of the analytical method. The data are acceptable with no issues identified during the data validation review. There were no data that were flagged as either estimated or unusable; therefore, all data are considered usable. Copies of the Data Usability Summary Reports prepared by Alpha are provided in Appendix D.

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

Based on the findings of the RI, the interior of the building at 142 State Street has been identified as the area of concern for potential exposure of humans to VOCs (notably trichloroethene) which have been detected in sub-slab soil vapor beneath the eastern portion of the building. Vapor intrusion from the sub-slab materials through cracks or other openings in the floor slab, into the interior spaces of the building, represents the pathway for exposure. Once the VOCs enter the indoor air, the potential route of exposure would be through inhalation. At the present time, the building is largely unoccupied; therefore, the potential for human exposure is limited. However, planned renovations to the building, including the basement, will result in a receptor population that includes workers involved in the renovation activities and future occupants of the building. Prior to completing building renovations, measures should be undertaken to mitigate potential exposure to VOCs from sub-slab soil vapor.

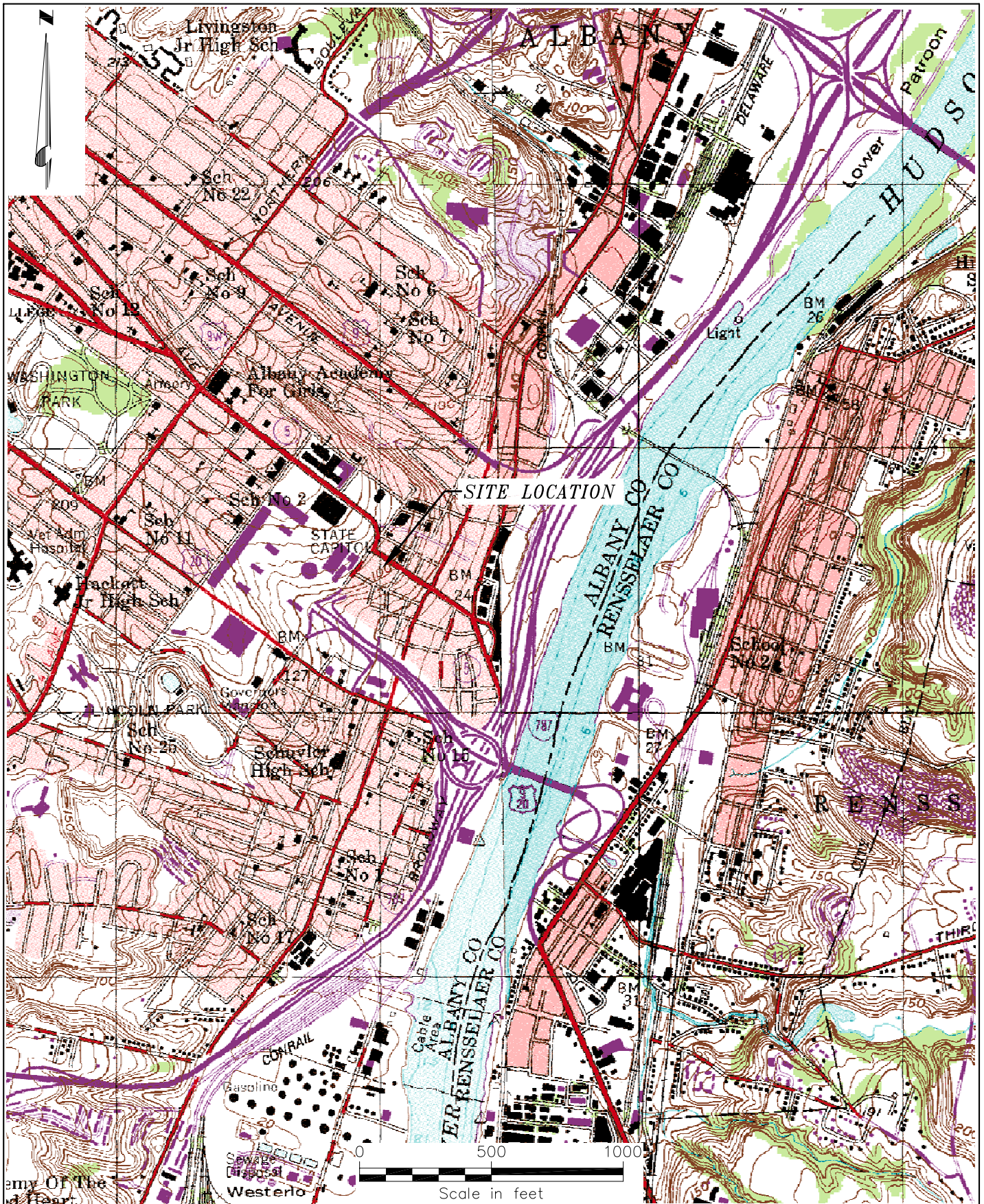
7.0 CONCLUSIONS AND RECOMMENDATIONS

Results of sub-slab soil vapor and indoor air sampling conducted within the building at 142 State Street during February and November 2012 indicate the presence, in these media, of VOCs regulated under the October 2006 NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. In particular, trichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethane and carbon tetrachloride were detected in sub-slab soil vapor samples. Trichloroethene and carbon tetrachloride were detected in indoor air samples. Comparison of the analytical results of sub-slab soil vapor and indoor air sampling conducted during the 2011/2012 and 2012/2013 heating seasons against the NYSDOH Decision Matrices included in its October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* indicates that mitigation is warranted to address vapor intrusion concerns within the building. Under the NYSDOH guidance, mitigation is the required action based on the concentrations of trichloroethene detected at the locations of sub-slab soil vapor sample SSV-1 and indoor air sample IA-1.

At the present time, the building is largely unoccupied; therefore the potential for human exposure to sub-slab vapors entering the indoor air is limited. However, planned renovation of the building, including the basement, will result in increased risk of exposure, which can be minimized or even eliminated through implementation of a means of vapor mitigation. One such method of mitigation is the installation and operation of a sub-slab depressurization system.

Based on the findings of the investigation, it is recommended that a Feasibility Study be completed to identify the most practical and cost-effective method of vapor mitigation.

FIGURES



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Main: (518) 453-4500 • www.chacompanies.com

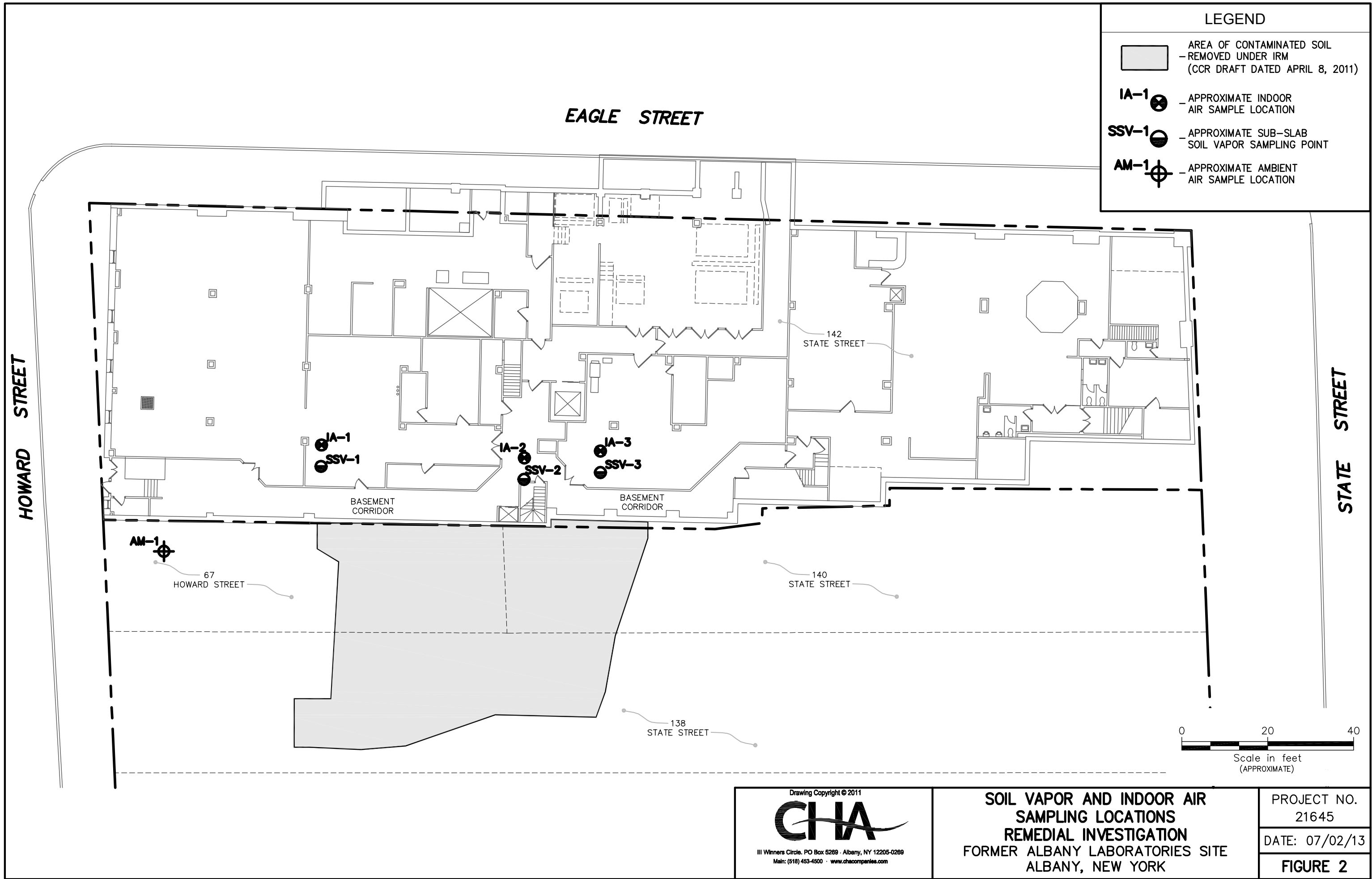
SITE LOCATION MAP

67 HOWARD STREET SITE
ALBANY, NEW YORK

PROJECT NO.
21645

DATE: 07/09/10

FIGURE 1



TABLES

Table 1
Sub-Slab Soil Vapor and Indoor Air Sampling Results - 142 State Street

Remedial Investigation
Former Albany Laboratories Site - Albany, New York

Compound	Location 1				Location 2				Location 3				Exterior		NYSDOH Matrix Specific Minimum Sub-Slab Vapor Concentration (µg/m3)	NYSDOH Matrix Specific Minimum Indoor Air Concentration (µg/m3)
	2/29/12		11/27/12		2/29/12		11/27/12		2/29/12		11/27/12		2/29/12	11/27/12		
	SSV-1 (µg/m3)	IA-1 (µg/m3)	SSV-1 (µg/m3)	IA-1 (µg/m3)	SSV-2 (µg/m3)	IA-2 (µg/m3)	SSV-2 (µg/m3)	IA-2 (µg/m3)	SSV-3 (µg/m3)	IA-3 (µg/m3)	SSV-3 (µg/m3)	IA-3 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)		
Dichlorodifluoromethane	ND	2.7	ND	2.4	3.3	2.5	4.7	6.6	5	0.49	3.8	3.1	2.1	2.8		
Trichlorofluoromethane	2.5	1.7	ND	1.6	2.1	1.8	5.5	3.3	4.9	1.7	3.8	2.1	1	1.4		
n-Heptane	1.6	0.36	ND	0.73	1.1	0.39	ND	0.39	1.5	0.16	ND	0.45	0.49	0.26		
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3
trans-1,2-Dichloroethene	3.6	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-Dichloroethene (total)	150	ND	520	ND	4.2	ND	5.6	ND	0.83	ND	ND	ND	ND	ND		
Methylene Chloride	ND	ND	ND	1.7	ND	ND	3.4	24	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	33	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Cyclohexane	ND	ND	ND	0.81	ND	0.16	ND	0.28	ND	ND	ND	0.29	0.19	0.16		
Carbon Tetrachloride	35	0.36	32	0.43	ND	0.41	ND	0.79	ND	0.38	ND	0.45	0.41	0.39	5	0.25
cis-1,2-Dichloroethene	140	ND	510	ND	4.2	ND	5.6	ND	0.83	ND	ND	ND	ND	ND	100	3
Chloroform	83	ND	98	ND	3.3	ND	1.5	ND	0.97	ND	ND	ND	ND	ND		
1,1,1-Trichloroethane	190	ND	130	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	ND	100	3
2,2,4-Trimethylpentane	ND	ND	ND	0.49	ND	0.19	ND	0.43	ND	ND	ND	0.53	0.21	0.35		
Benzene	ND	0.65	ND	0.71	0.76	0.61	ND	0.86	0.73	0.57	ND	0.74	0.7	0.58		
Trichloroethene	260	0.34	940	0.56	12	0.33	16	0.44	27	0.32	12	0.48	0.24	ND	5	0.25
Toluene	23	1.3	ND	2.1	14	1.2	8.2	1.1	20	0.23	3.9	1.1	1.4	0.9		
Tetrachloroethene	4.1	0.5	17	0.88	10	0.45	14	0.93	6.1	0.29	5.8	1.1	ND	ND	100	3
Ethyl Benzene	9.7	0.17	ND	0.4	3.9	0.18	2.8	0.2	7.7	ND	ND	0.2	0.21	ND		
m/p-Xylene	35	0.56	ND	1.2	8.7	0.52	12	0.6	28	ND	ND	0.65	0.53	0.47		
o-Xylene	12	0.2	ND	0.41	2.2	ND	4.5	0.21	9.5	ND	ND	0.24	0.22	0.18		
Xylene (total)	47	0.75	14	1.6	11	0.69	17	0.81	37	ND	1.7	0.89	0.75	0.65		
1,3,5-Trimethylbenzene	5.5	ND	ND	ND	ND	ND	2.0	ND	4.4	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
4-Ethyltoluene	7.9	ND	ND	ND	0.97	ND	2.3	ND	6.5	ND	ND	ND	ND	ND		
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.25
n-Hexane	ND	2.0	ND	1.0	1.3	1.8	0.8	1.2	0.98	1.9	ND	1.1	3	0.66		

Notes:
µg/m3 = Micrograms per cubic meter
Seven Volatile Chemicals on NYSDOH decision matrixes
Exceeds Minimum Concentration

APPENDIX A

NYSDOH Indoor Air Quality Questionnaires

**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 Scott Rosecrans (CHA Dir.) Date/Time Prepared 2-29-12 / 11:00

Preparer's Affiliation _____ Phone No. _____

Purpose of Investigation Remedial Investigation - 2012 Vapor Intrusion Investigation

1. OCCUPANT:

Interviewed: Y/☒N

Last Name: Comedy Works / the State Room First Name: _____

Address: 142 State Street

County: Albany

Home Phone: (518) 432-7773 Office Phone: _____

Number of Occupants/persons at this location 3 Age of Occupants 40-60

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? _____

If the property is commercial, type?

Business Type(s) Comedy Works / The State Room

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

Other characteristics:

Number of floors _____ Building age _____

Is the building insulated? Y / N How air tight? Tight / (Average) / Not Tight
Upper floors, Basement, No

4. AIRFLOW

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

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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 paint
- 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

Basement/Lowest level depth below grade: 4 (feet)

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

Cracks in concrete slab, approximately 1/6 to 1/4 inch

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
Space Heaters
Electric baseboard

Heat pump
Stream radiation
Wood stove

Hot water baseboard
Radiant floor
Outdoor wood boiler Other _____

The primary type of fuel used is:

Natural Gas
Electric
Wood

Fuel Oil
Propane
Coal

Kerosene
Solar

Domestic hot water tank fueled by: electric

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

Air conditioning: Central Air Window units Open Windows None

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.

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	<u>Recycling / Municipal solid waste</u>
1 st Floor	<u>Comedy Works / the State Room</u>
2 nd Floor	<u>Unoccupied</u>
3 rd Floor	<u>↓</u>
4 th Floor	<u>↓</u>

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 _____
- 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? Basement
- g. Is there smoking in the building? Y / N How frequently? _____
- h. Have cleaning products been used recently? Y / N When & Type? _____
- i. Have cosmetic products been used recently? Y / N When & Type? _____

- 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? Y / ☒ N When & Type? _____
- 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? _____
- 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? Y / ☒ N

If yes, please describe: _____

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? _____

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

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: _____

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

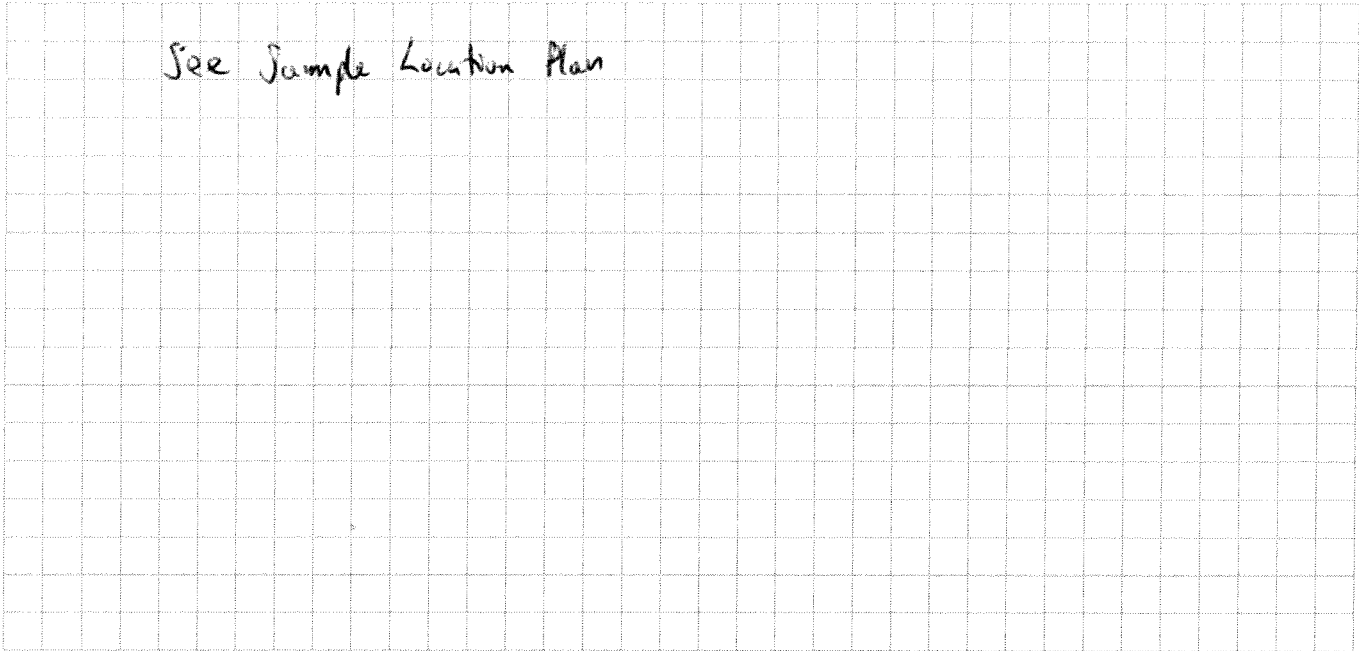
c. Responsibility for costs associated with reimbursement explained? Y / N

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

11. FLOOR PLANS

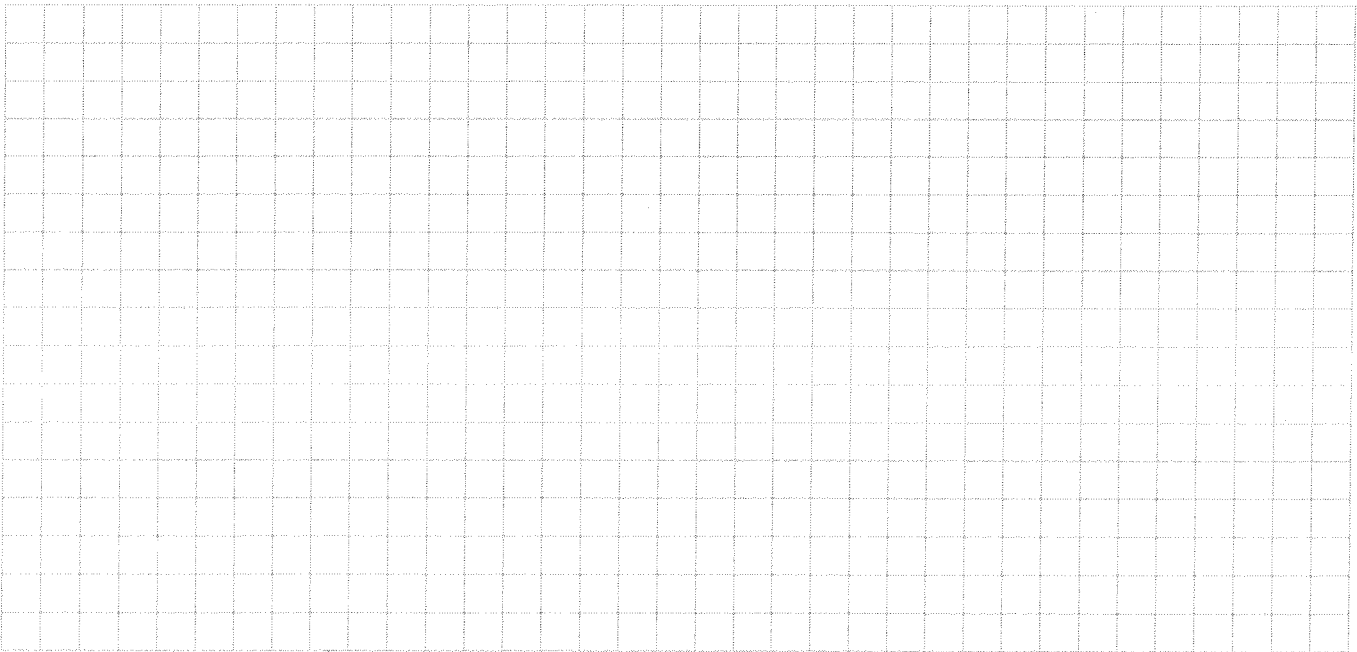
Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



See Sample Location Plan

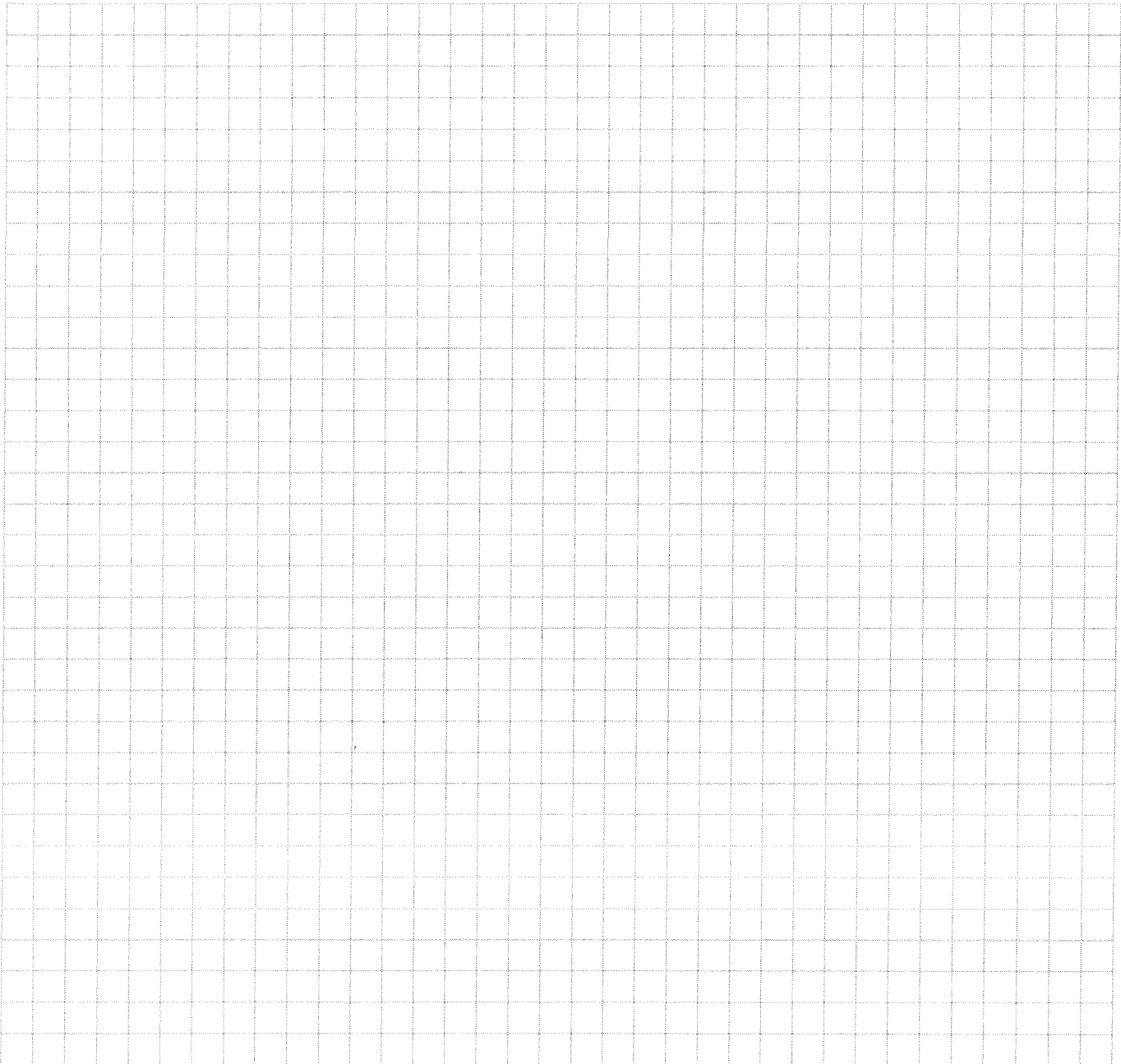
First Floor:



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.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y/N
Basement Workshop	(2) Dap Window Glazing	32 Fl oz	U	Use material 10-15 mg/L		Y
	Dap Plastic Wood	16 Fl oz	U	Acetone, n-butyl acetate, isopropanol		}
	Star Brite Liquid Electrical Tape	4 fl oz	U			
	Dap Plastic Wood	4 fl oz	U	see above		
	Claire Chewing Gum Remover 7oz		U	Liquidified petroleum gas, dimethyl ether, tetrafluoroethane		
	Oops Multi-Purpose Remover 1 pint		U	xylene		
	Klean Strip - Acetone	1 qt	U	Acetone		
	Claire Silicone Spray (4)	18 Fl oz	U	Isoparaffinic Solvent, Liquidified petroleum gas		
	Mercedes PVC Primer (2)	32 fl oz	U	cyclohexane, acetone, tetrahydrofuran, methyl ethyl ketone		
	Krylon Appliances Epoxy	12 fl oz	U	Ketones, Acetates, and Toluene		
	Claire's Stainless Steel Polish	15 fl oz	U	isoparaffinic solvent		
	Klean Strip Mineral Spirits (2)	1 gal	U	petroleum distillates		
	Minwax Wood Finish (4)	1 gal	U	aliphatic hydrocarbons		

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

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 Scott Rosecrans (CHA, Inc.) Date/Time Prepared 11-27-12/11:30

Preparer's Affiliation _____ Phone No. _____

Purpose of Investigation Remedial Investigation - 2012/2013 Vapor Intrusion Investigation

1. OCCUPANT:

Interviewed: ☒ Y / ☐ N

Last Name: Comedy Works/State Room First Name: _____

Address: 142 State St, Albany, NY

County: Albany

Home Phone: 518-432-7773 Office Phone: _____

Number of Occupants/persons at this location 3 Age of Occupants 40-60

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? _____

If the property is commercial, type?

Business Type(s) Comedy Works / The State Room

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

Other characteristics:

Number of floors _____ Building age _____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight
Upper floors, Basement - No

4. AIRFLOW

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

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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 _____
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- g. Foundation walls: unsealed sealed sealed with paint
- 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

Basement/Lowest level depth below grade: 4 (feet)

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

Cracks in concrete slab, approximately 1/16 to 1/4 inch

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)

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

The primary type of fuel used is:

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

Domestic hot water tank fueled by: electric

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

Air conditioning: Central Air Window units Open Windows None

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.

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	<u>Recycling / Municipal solid waste</u>
1 st Floor	<u>Comedy Works / the State Room</u>
2 nd Floor	<u>Unoccupied</u>
3 rd Floor	<u>↓</u>
4 th Floor	<u>↓</u>

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 _____
- 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? Basement
- g. Is there smoking in the building? Y / N How frequently? _____
- h. Have cleaning products been used recently? Y / N When & Type? _____
- i. Have cosmetic products been used recently? Y / N When & Type? _____

- 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? Y / ☒ N When & Type? _____
- 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? _____
- 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? Y / ☒ N
If yes, please describe: _____

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? _____

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) ☒ No
Yes, use dry-cleaning infrequently (monthly or less) ☐ Unknown
Yes, work at a dry-cleaning service

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

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: _____

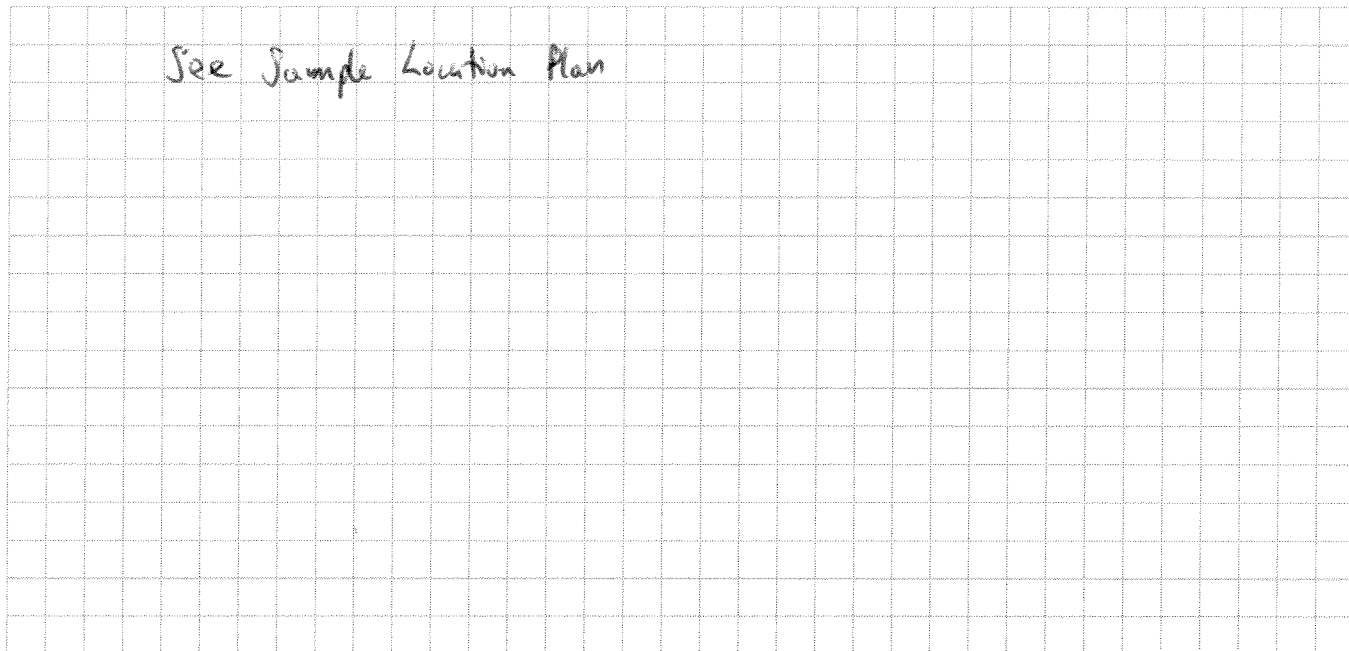
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- a. Provide reasons why relocation is recommended: _____
- b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐
- c. Responsibility for costs associated with reimbursement explained? Y / N
- d. Relocation package provided and explained to residents? Y / N

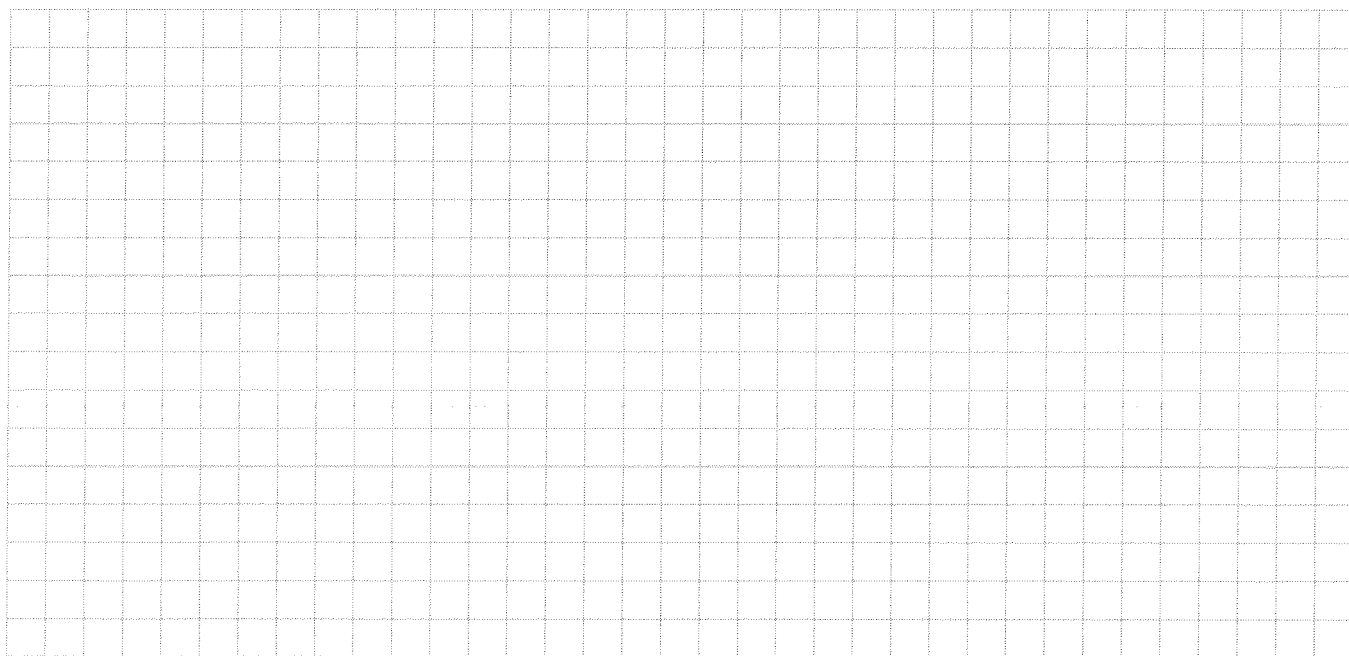
11. FLOOR PLANS

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:



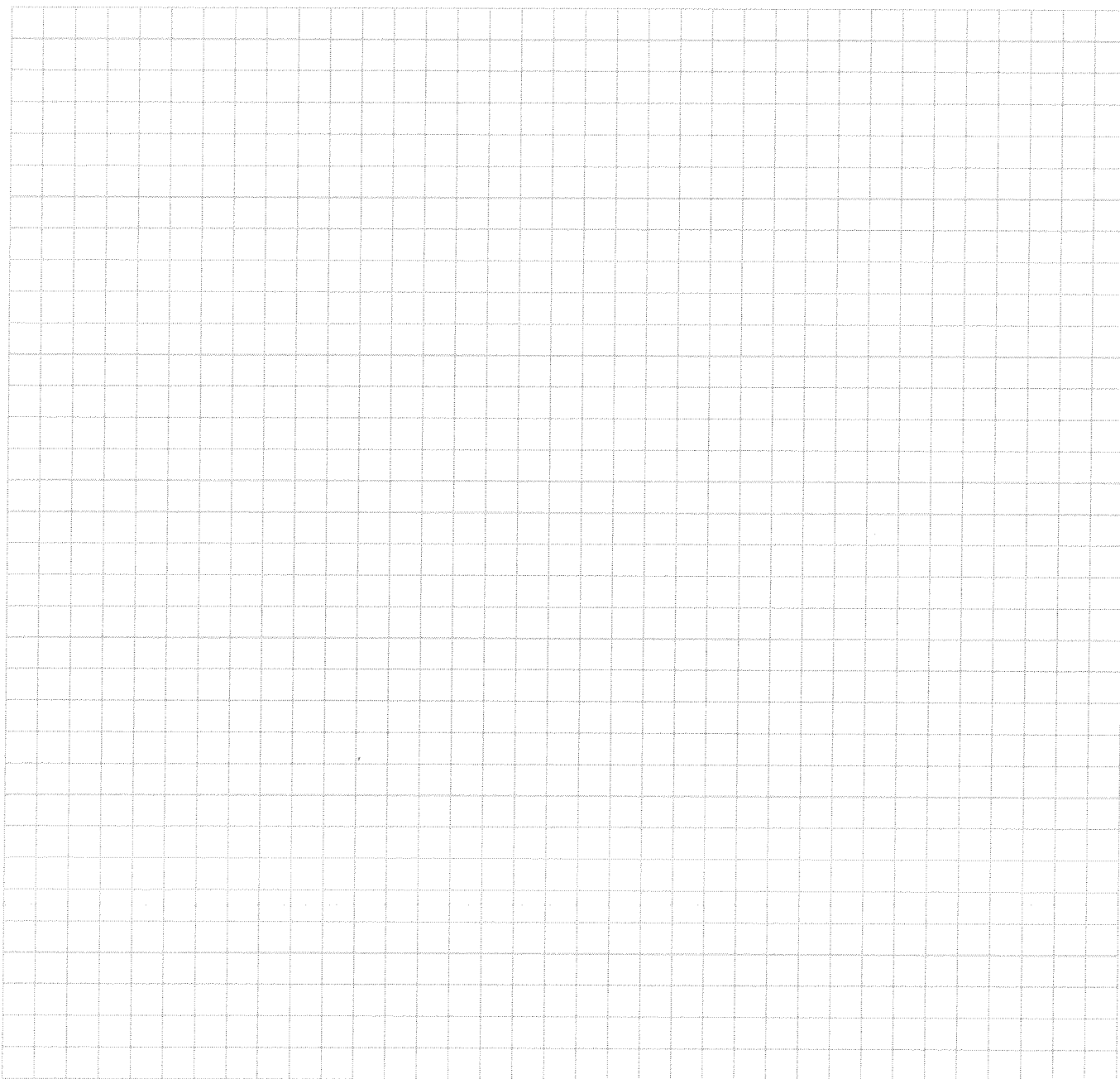
First Floor:



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.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Basement Workshop	(2) Dap Window Glazing	32 Fl oz	U	Use material 10-15 mg/L		Y
	Dap Plastic Wood	16 Fl oz	U	Acetone, n-butyl acetate, isopropanol		Y
	Star Brite Liquid Electrical Tap	4 fl oz	U			Y
	Dap Plastic Wood	4 fl oz	U	see above		Y
	Claire Chewing Gum Remover 7oz		U	Liquidified petroleum gas, dimethyl ether, tetrafluoroethane		Y
	Oops Multi-Purpose Remover 1 Pint		U	xylene		Y
	Klean Strip - Acetone	1 qt	U	Acetone		Y
	Claire Silicone Spray (4)	18 Fl oz	U	Isoparaffinic Solvent, Liquidified petroleum gas		Y
	Hercules PVC Primer (2)	32 fl oz	U	cyclohexane, acetone, tetrahydrofuran, methyl ethyl ketone		Y
	Krylon Appliance Epoxy	12 fl oz	U	Ketones, Acetates, and Toluene		Y
	Claire's Stainless Steel Polish	15 fl oz	U	isoparaffinic solvent		Y
	Klean Strip Mineral Spirits (2)	1 gal	U	petroleum distillates		Y
	Min-wax Wood finish (4)	1 gal	U	aliphatic hydrocarbons		Y
Basement Storage	Chemical Testing - Activated (3)	55 gal	U			N
	Dissolve Fuel oil Treatment					
	Chemical Testing - Kemkool Water cooling Water (1)	55 gal	U			
	Unlabeled (2)	55 gal	U			
	Unlabeled (1)	30 gal	U			
	Dipentene	55 gal	U			

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX B

Soil Vapor and Indoor Air Sampling Logs

SUB-SLAB VAPOR/INDOOR AIR SAMPLING

2-29-12 **Location =** SSV-1

Helium Tracer Gas = 850 ppm

Start Time 9:00

Start Pressure 28

End Time 4:50

End Pressure 6

Tank # 3629

Regulator # 3743

Location = IA-1

Helium Tracer Gas = NA

Start Time 9:00

Start Pressure 30

End Time 4:50

End Pressure 6

Tank # 2911

Regulator # 3020

Location = SSV-2

Helium Tracer Gas = 625 ppm

Start Time 9:02

Start Pressure 30

End Time 4:30

End Pressure 6

Tank # 3326

Regulator # 5189

Location = IA-2

Helium Tracer Gas = NA

Start Time 9:02

Start Pressure 30+

End Time 3:35

End Pressure 5

Tank # 4488

Regulator # 5195

Weather = Snow, 31°F, Wind SSE 2 mph, Humidity 69%, Dew Point 24°F
(Albany)
11:40 AM

CHIA

SUB-SLAB VAPOR/INDOOR AIR SAMPLING

2-24-12 **Location =** SSU-3

Helium Tracer Gas = 975 ppm

Start Time 9:04

Start Pressure 29

End Time 5:00

End Pressure 5

Tank # 4553

Regulator # 3933

Location = IA-3

Helium Tracer Gas =

Start Time 9:04

Start Pressure 30

End Time 5:00

End Pressure 6

Tank # 2820

Regulator # 5204

Location = Background (AM-1)

Helium Tracer Gas =

Start Time 9:00

Start Pressure 30

End Time 4:45

End Pressure 6

Tank # 2031

Regulator # 4206

Location =

Helium Tracer Gas =

Start Time

Start Pressure

End Time

End Pressure

Tank #

Regulator #

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>Terth Parker</u>		Samples Collected By: <u>SL</u>		1 of 2 COCs																																					
Company: <u>CHA Inc.</u>		Phone: <u>518-453-4500</u>																																									
Address: <u>3 W. Morris Circle</u>		Email: <u>stewart@cha.companies-inc.com</u>																																									
City/State/Zip: <u>Albany, NY 12205</u>																																											
Phone: <u>518-453-4500</u>		Site Contact: <u>Scott Rosecrans</u>																																									
FAX: <u>518-453-4773</u>		TA Contact: <u>DON PAWICH</u>																																									
Project Name: <u>Former Albany Lubrication Site</u>		Analysis Turnaround Time																																									
Site: <u>Albany, NY</u>		Standard (Specify) <u>10 day</u>																																									
PO # <u>216454001 44030</u>		Rush (Specify)																																									
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																																				
SSV-1	2-29-12	9:00	4:50	28	6	3743	3629																																				
IA-1		9:00	4:50	30	6	3020	2911																																				
SSV-2		9:02	4:30	30	6	5189	3326																																				
IA-2		9:02	3:35	30+	5	5145	4488																																				
SSV-3		9:04	5:00	29	5	3933	4553																																				
IA-3		9:04	5:00	30	6	5204	2820																																				
<table border="1"> <tr> <th colspan="2">Temperature (Fahrenheit)</th> </tr> <tr> <td>Interior</td> <td>Ambient</td> </tr> <tr> <td>Start</td> <td>31°F</td> </tr> <tr> <td>Stop</td> <td>33°F</td> </tr> <tr> <th colspan="2">Pressure (inches of Hg)</th> </tr> <tr> <td>Interior</td> <td>Ambient</td> </tr> <tr> <td>Start</td> <td>30.22 inches</td> </tr> <tr> <td>Stop</td> <td>30.05 inches</td> </tr> </table>								Temperature (Fahrenheit)		Interior	Ambient	Start	31°F	Stop	33°F	Pressure (inches of Hg)		Interior	Ambient	Start	30.22 inches	Stop	30.05 inches																				
Temperature (Fahrenheit)																																											
Interior	Ambient																																										
Start	31°F																																										
Stop	33°F																																										
Pressure (inches of Hg)																																											
Interior	Ambient																																										
Start	30.22 inches																																										
Stop	30.05 inches																																										
<table border="1"> <tr> <th colspan="2">ASTM D-1946</th> <th colspan="2">TO-15</th> <th colspan="2">TO-14A</th> <th colspan="2">EPA 3C</th> <th colspan="2">EPA 25C</th> <th colspan="2">Other (Please specify in notes section)</th> </tr> <tr> <td>Sample Type</td> <td>Indoor Air</td> <td>Ambient Air</td> <td>Soil Gas</td> <td>Landfill Gas</td> <td>Other (Please specify in notes section)</td> <td>Sample Type</td> <td>Indoor Air</td> <td>Ambient Air</td> <td>Soil Gas</td> <td>Landfill Gas</td> <td>Other (Please specify in notes section)</td> </tr> <tr> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> </table>								ASTM D-1946		TO-15		TO-14A		EPA 3C		EPA 25C		Other (Please specify in notes section)		Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ASTM D-1946		TO-15		TO-14A		EPA 3C		EPA 25C		Other (Please specify in notes section)																																	
Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)																																
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																																
Special Instructions/QC Requirements & Comments: <u>Category B Deliverable per</u>																																											
Samples Shipped by:				Date/Time:				Samples Received by:																																			
Samples Relinquished by: <u>Scott Rosecrans</u>				Date/Time: <u>3-1-12/10:04 AM</u>				Received by: <u>[Signature]</u>																																			
Relinquished by:				Date/Time:				Received by:																																			
Lab Use Only				Shipper Name:				Opened by: Condition:																																			

Canister Samples Chain of Custody Record

30 Community Drive

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: CHA Inc. Address: 3 Winnetka Circle City/State/Zip: Albany, NY 12205 Phone: 518-453-4500 FAX: 518-453-4773 Project Name: Former Albany Laboratories Site Site: Albany, NY PO # 21645-4001 74003										Project Manager: Keith Fowler Phone: 518-453-4500 Email: k.fowler@chacompartners.com Site Contact: Seth Roseman TA Contact: Don Dawick Analysis Turnaround Time Standard (Specify) 10 day Rush (Specify)										Samples Collected By: SR 2 of 2 COCs																																																																																																																																																																																			
Sample Identification AM-1										Sample Date(s) 2-29-12										Time Start 9:06										Time Stop 4:45										Canister Vacuum in Field, "Hg (Start) 30										Canister Vacuum in Field, "Hg (Stop) 6										Flow Controller ID 4206										Canister ID 2631										TO-15 ☒										TO-14A ☐										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)									
Special Instructions/QC Requirements & Comments: Category B Detectable										Temperature (Fahrenheit) Interior Ambient										Pressure (inches of Hg) Interior Ambient																																																																																																																																																																																			
Samples Shipped by:										Date/Time:										Samples Received by:																																																																																																																																																																																			
Samples Relinquished by:										Date/Time: 3-1-12 / 10:04 AM										Received by:																																																																																																																																																																																			
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Lab Use Only										Shipper Name:										Opened by:										Condition:																																																																																																																																																																									

2012/2013 Vapor Intrusion Investigation
142 State Street, Albany, NY

SUB-SLAB VAPOR/INDOOR AIR SAMPLING

11-27-12 Location = SSV-1

Helium Tracer Gas = 1125 ppm

Start Time 9:48

Start Pressure ~~210~~ 30

End Time 5:45

End Pressure ~~5448~~ 10

Tank # 3434

Regulator # 3447

Location = IA-1

Helium Tracer Gas = NA

Start Time 9:48

Start Pressure ~~9027~~

End Time 5:45

End Pressure 8

Tank # 2543

Regulator # 4105

Location = SSV-2

Helium Tracer Gas = 650 ppm

Start Time 9:50

Start Pressure 29

End Time 4:50

End Pressure 6

Tank # 3609

Regulator # 3171

Location = IA-2

Helium Tracer Gas = NA

Start Time 9:50

Start Pressure 30

End Time ~~9:28~~ 5:30

End Pressure ~~15~~ 8

Tank # 3645

Regulator # 4745

Weather @ 12:00 PM = 36°F, Rain Shower, Wind @ 4 mph ^{South}, Humidity 88%

Dewpoint 33°F, Pressure 30.3 inches

@ 5:10 PM = 33°F, cloudy, Wind west @ 3 mph, humidity 89%

Dewpoint 30°F, Pressure 30.24 inches

CHA

2012/2013 Vapor Intrusion Investigation
142 State St., Albany, NY

SUB-SLAB VAPOR/INDOOR AIR SAMPLING

11-27-12

Location = SSV-3

Helium Tracer Gas = 425 ppm

Start Time 9:51

Start Pressure 30

End Time 5:23

End Pressure 8

Tank # 2683

Regulator # 3717

Location = IA-3

Helium Tracer Gas = NA

Start Time 9:51

Start Pressure 30

End Time 5:12

End Pressure 8

Tank # 2605

Regulator # 3058

Location = AH-1 (Ambient Air)

Helium Tracer Gas =

Start Time 9:53

Start Pressure 30

End Time 4:26

End Pressure 8

Tank # 2861

Regulator # 3740

Location =

Helium Tracer Gas =

Start Time

Start Pressure

End Time

End Pressure

Tank #

Regulator #

Prior to sampling, CHA conducted helium tracer gas study.
Then, personal pump was utilized for 8 minute @ 0.2 l/min or
200cc to purge air in tubing and probe.

CHA

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: Seth Fowler				Samples Collected By: SR				1 of 2 COCs																													
Company: CHA Inc.						Phone: 518 453-4500																																					
Address: 3 Waverly Circle						Email: sfowler@cha.companies.com																																					
City/State/Zip Albany, NY 12205																																											
Phone: 518 453-4500						Site Contact: Seth Fowler																																					
FAX: 518 453-4773						TA Contact: Dan Dzwicki																																					
Project Name: Former Albany Laboratories Site						Analysis Turnaround Time																																					
Site: Albany, NY						Standard (Specify)																																					
PO # 21645, Year 44000						Rush (Specify)																																					
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) SV-6-S/Lab Work	
SSV-1						11-27-12		1:48		5:45		30		10		3447		2573		✓																							
IA-1						↓		1:48		5:45		27		8		4105		2573		✓																							
SSV-2						↓		9:50		4:50		29		6		3171		3609		✓																							
IA-2						↓		9:50		5:39		30		8		4745		3645		✓																							
SSV-3						↓		9:51		5:23		30		8		3717		2683		✓																							
EA-3						↓		9:51		5:12		30		8		3058		2605		✓																							
Special Instructions/QC Requirements & Comments: Category B Deliverable						Interior		Temperature (Fahrenheit)		Ambient																																	
						Start																																					
						Stop																																					
						Interior		Pressure (inches of Hg)		Ambient																																	
						Start																																					
						Stop																																					
Samples Shipped by:						Date/Time:						Samples Received by:																															
Samples Relinquished by: Seth Fowler						Date/Time: 11/28/12 8:10 AM						Received by:																															
Relinquished by:						Date/Time:						Received by:																															
Lab Use Only						Shipper Name:						Opened by:						Condition:																									

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.

[illegible]

APPENDIX C

Laboratory Analytical Reports

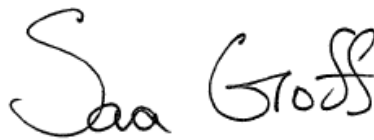
ANALYTICAL REPORT

Job Number: 200-9580-1

SDG Number: 200-9580

Job Description: Former Albany Laboratories

For:
CHA Inc
111 Winner Circle
PO BOX 5269
Albany, NY 12205-0269
Attention: Mr. Seth Fowler



Approved for release.
Sara S Goff
Project Manager I
3/15/2012 6:47 AM

Designee for
Don C Dawicki
Customer Service Manager
don.dawicki@testamericainc.com
03/15/2012

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: CHA Inc

Project: Former Albany Laboratories

Report Number: 200-9580-1

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 03/02/2012; the samples arrived in good condition.

VOLATILE ORGANIC COMPOUNDS

Samples SSV-1, SSV-2 and SSV-3 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 03/08/2012.

Sample SSV-1[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOC analyses.

All quality control parameters were within the acceptance limits.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples IA-1, IA-2, IA-3 and AM-1 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 03/09/2012.

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9580-1SDG No.: 200-9580Instrument ID: B.i Analysis Batch Number: 34715Lab Sample ID: 200-9580-1 Client Sample ID: SSV-1Date Analyzed: 03/08/12 15:18 Lab File ID: bklw007.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	16.55	Baseline event	wrd	03/08/12 16:17

Lab Sample ID: 200-9580-3 Client Sample ID: SSV-2Date Analyzed: 03/08/12 16:11 Lab File ID: bklw008.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	16.55	Baseline event	wrd	03/09/12 08:32

Lab Sample ID: 200-9580-5 Client Sample ID: SSV-3Date Analyzed: 03/08/12 17:03 Lab File ID: bklw009.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	16.55	Baseline event	wrd	03/09/12 08:35

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9580-1SDG No.: 200-9580Instrument ID: E.i Analysis Batch Number: 31788Lab Sample ID: IC 200-31788/3 Client Sample ID: _____Date Analyzed: 01/04/12 18:42 Lab File ID: eer003.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromoform	16.64	Peak not found by the data system	wrd	01/05/12 09:42

Lab Sample ID: IC 200-31788/4 Client Sample ID: _____Date Analyzed: 01/04/12 19:37 Lab File ID: eer004.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	10.98	Poor chromatography	jd1	01/05/12 11:21

Lab Sample ID: IC 200-31788/6 Client Sample ID: _____Date Analyzed: 01/04/12 21:26 Lab File ID: eer006.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.96	Baseline event	wrd	01/05/12 09:50
Methyl methacrylate	12.25	Baseline event	wrd	01/05/12 09:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9580-1SDG No.: 200-9580Instrument ID: E.i Analysis Batch Number: 34777Lab Sample ID: 200-9580-2 Client Sample ID: IA-1Date Analyzed: 03/09/12 00:05 Lab File ID: eerv011.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.31	Baseline event	wrd	03/09/12 15:21

SAMPLE SUMMARY

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-9580-1	SSV-1	Air	02/29/2012 1650	03/02/2012 1020
200-9580-2	IA-1	Air	02/29/2012 1650	03/02/2012 1020
200-9580-3	SSV-2	Air	02/29/2012 1630	03/02/2012 1020
200-9580-4	IA-2	Air	02/29/2012 1535	03/02/2012 1020
200-9580-5	SSV-3	Air	02/29/2012 1700	03/02/2012 1020
200-9580-6	IA-3	Air	02/29/2012 1700	03/02/2012 1020
200-9580-7	AM-1	Air	02/29/2012 1645	03/02/2012 1020

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-1	SSV-1					
Trichlorofluoromethane		0.44		0.40	ppb v/v	TO-15
Trichlorofluoromethane		2.5		2.2	ug/m3	TO-15
trans-1,2-Dichloroethene		0.91		0.40	ppb v/v	TO-15
trans-1,2-Dichloroethene		3.6		1.6	ug/m3	TO-15
1,1-Dichloroethane		8.1		0.40	ppb v/v	TO-15
1,1-Dichloroethane		33		1.6	ug/m3	TO-15
cis-1,2-Dichloroethene		36		0.40	ppb v/v	TO-15
cis-1,2-Dichloroethene		140		1.6	ug/m3	TO-15
1,2-Dichloroethene, Total		37		0.40	ppb v/v	TO-15
1,2-Dichloroethene, Total		150		1.6	ug/m3	TO-15
Chloroform		17		0.40	ppb v/v	TO-15
Chloroform		83		2.0	ug/m3	TO-15
1,1,1-Trichloroethane		35		0.40	ppb v/v	TO-15
1,1,1-Trichloroethane		190		2.2	ug/m3	TO-15
Carbon tetrachloride		5.6		0.40	ppb v/v	TO-15
Carbon tetrachloride		35		2.5	ug/m3	TO-15
n-Heptane		0.40		0.40	ppb v/v	TO-15
n-Heptane		1.6		1.6	ug/m3	TO-15
Trichloroethene		48		0.40	ppb v/v	TO-15
Trichloroethene		260		2.1	ug/m3	TO-15
Toluene		6.2		0.40	ppb v/v	TO-15
Toluene		23		1.5	ug/m3	TO-15
Tetrachloroethene		0.60		0.40	ppb v/v	TO-15
Tetrachloroethene		4.1		2.7	ug/m3	TO-15
Ethylbenzene		2.2		0.40	ppb v/v	TO-15
Ethylbenzene		9.7		1.7	ug/m3	TO-15
m,p-Xylene		8.1		1.0	ppb v/v	TO-15
m,p-Xylene		35		4.3	ug/m3	TO-15
Xylene, o-		2.8		0.40	ppb v/v	TO-15
Xylene, o-		12		1.7	ug/m3	TO-15
Xylene (total)		11		0.40	ppb v/v	TO-15
Xylene (total)		47		1.7	ug/m3	TO-15
4-Ethyltoluene		1.6		0.40	ppb v/v	TO-15
4-Ethyltoluene		7.9		2.0	ug/m3	TO-15
1,3,5-Trimethylbenzene		1.1		0.40	ppb v/v	TO-15
1,3,5-Trimethylbenzene		5.5		2.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-2	IA-1					
Dichlorodifluoromethane		0.54		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.7		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.30		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.7		0.22	ug/m3	TO15 LL
n-Hexane		0.58		0.080	ppb v/v	TO15 LL
n-Hexane		2.0		0.28	ug/m3	TO15 LL
Carbon tetrachloride		0.057		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.36		0.25	ug/m3	TO15 LL
Benzene		0.20		0.040	ppb v/v	TO15 LL
Benzene		0.65		0.13	ug/m3	TO15 LL
n-Heptane		0.089		0.040	ppb v/v	TO15 LL
n-Heptane		0.36		0.16	ug/m3	TO15 LL
Trichloroethene		0.063		0.040	ppb v/v	TO15 LL
Trichloroethene		0.34		0.21	ug/m3	TO15 LL
Toluene		0.34		0.040	ppb v/v	TO15 LL
Toluene		1.3		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.074		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.50		0.27	ug/m3	TO15 LL
Ethylbenzene		0.040		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.17		0.17	ug/m3	TO15 LL
o-Xylene		0.045		0.040	ppb v/v	TO15 LL
o-Xylene		0.20		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.13		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.56		0.17	ug/m3	TO15 LL
Xylenes, Total		0.17		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.75		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-3	SSV-2					
Dichlorodifluoromethane		0.66		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.3		2.5	ug/m3	TO-15
Trichlorofluoromethane		0.38		0.20	ppb v/v	TO-15
Trichlorofluoromethane		2.1		1.1	ug/m3	TO-15
n-Hexane		0.37		0.20	ppb v/v	TO-15
n-Hexane		1.3		0.70	ug/m3	TO-15
cis-1,2-Dichloroethene		1.1		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		4.2		0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		1.1		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		4.2		0.79	ug/m3	TO-15
Chloroform		0.67		0.20	ppb v/v	TO-15
Chloroform		3.3		0.98	ug/m3	TO-15
Benzene		0.24		0.20	ppb v/v	TO-15
Benzene		0.76		0.64	ug/m3	TO-15
n-Heptane		0.26		0.20	ppb v/v	TO-15
n-Heptane		1.1		0.82	ug/m3	TO-15
Trichloroethene		2.3		0.20	ppb v/v	TO-15
Trichloroethene		12		1.1	ug/m3	TO-15
Toluene		3.7		0.20	ppb v/v	TO-15
Toluene		14		0.75	ug/m3	TO-15
Tetrachloroethene		1.5		0.20	ppb v/v	TO-15
Tetrachloroethene		10		1.4	ug/m3	TO-15
Ethylbenzene		0.90		0.20	ppb v/v	TO-15
Ethylbenzene		3.9		0.87	ug/m3	TO-15
m,p-Xylene		2.0		0.50	ppb v/v	TO-15
m,p-Xylene		8.7		2.2	ug/m3	TO-15
Xylene, o-		0.51		0.20	ppb v/v	TO-15
Xylene, o-		2.2		0.87	ug/m3	TO-15
Xylene (total)		2.5		0.20	ppb v/v	TO-15
Xylene (total)		11		0.87	ug/m3	TO-15
4-Ethyltoluene		0.20		0.20	ppb v/v	TO-15
4-Ethyltoluene		0.97		0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-4	IA-2					
Dichlorodifluoromethane		0.51		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.5		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.31		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.8		0.22	ug/m3	TO15 LL
n-Hexane		0.52		0.080	ppb v/v	TO15 LL
n-Hexane		1.8		0.28	ug/m3	TO15 LL
Cyclohexane		0.045		0.040	ppb v/v	TO15 LL
Cyclohexane		0.16		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.066		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.41		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.040		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.19		0.19	ug/m3	TO15 LL
Benzene		0.19		0.040	ppb v/v	TO15 LL
Benzene		0.61		0.13	ug/m3	TO15 LL
n-Heptane		0.095		0.040	ppb v/v	TO15 LL
n-Heptane		0.39		0.16	ug/m3	TO15 LL
Trichloroethene		0.062		0.040	ppb v/v	TO15 LL
Trichloroethene		0.33		0.21	ug/m3	TO15 LL
Toluene		0.32		0.040	ppb v/v	TO15 LL
Toluene		1.2		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.067		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.45		0.27	ug/m3	TO15 LL
Ethylbenzene		0.042		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.18		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.12		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.52		0.17	ug/m3	TO15 LL
Xylenes, Total		0.16		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.69		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-5	SSV-3					
Dichlorodifluoromethane		1.0		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		5.0		2.5	ug/m3	TO-15
Trichlorofluoromethane		0.87		0.20	ppb v/v	TO-15
Trichlorofluoromethane		4.9		1.1	ug/m3	TO-15
n-Hexane		0.28		0.20	ppb v/v	TO-15
n-Hexane		0.98		0.70	ug/m3	TO-15
cis-1,2-Dichloroethene		0.21		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		0.83		0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		0.21		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		0.83		0.79	ug/m3	TO-15
Chloroform		0.20		0.20	ppb v/v	TO-15
Chloroform		0.97		0.98	ug/m3	TO-15
1,1,1-Trichloroethane		0.44		0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		2.4		1.1	ug/m3	TO-15
Benzene		0.23		0.20	ppb v/v	TO-15
Benzene		0.73		0.64	ug/m3	TO-15
n-Heptane		0.36		0.20	ppb v/v	TO-15
n-Heptane		1.5		0.82	ug/m3	TO-15
Trichloroethene		5.0		0.20	ppb v/v	TO-15
Trichloroethene		27		1.1	ug/m3	TO-15
Toluene		5.2		0.20	ppb v/v	TO-15
Toluene		20		0.75	ug/m3	TO-15
Tetrachloroethene		0.91		0.20	ppb v/v	TO-15
Tetrachloroethene		6.1		1.4	ug/m3	TO-15
Ethylbenzene		1.8		0.20	ppb v/v	TO-15
Ethylbenzene		7.7		0.87	ug/m3	TO-15
m,p-Xylene		6.4		0.50	ppb v/v	TO-15
m,p-Xylene		28		2.2	ug/m3	TO-15
Xylene, o-		2.2		0.20	ppb v/v	TO-15
Xylene, o-		9.5		0.87	ug/m3	TO-15
Xylene (total)		8.6		0.20	ppb v/v	TO-15
Xylene (total)		37		0.87	ug/m3	TO-15
4-Ethyltoluene		1.3		0.20	ppb v/v	TO-15
4-Ethyltoluene		6.5		0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.89		0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		4.4		0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-6	IA-3					
Dichlorodifluoromethane		0.49		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.4		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.30		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.7		0.22	ug/m3	TO15 LL
n-Hexane		0.54		0.080	ppb v/v	TO15 LL
n-Hexane		1.9		0.28	ug/m3	TO15 LL
Carbon tetrachloride		0.061		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.38		0.25	ug/m3	TO15 LL
Benzene		0.18		0.040	ppb v/v	TO15 LL
Benzene		0.57		0.13	ug/m3	TO15 LL
n-Heptane		0.040		0.040	ppb v/v	TO15 LL
n-Heptane		0.16		0.16	ug/m3	TO15 LL
Trichloroethene		0.060		0.040	ppb v/v	TO15 LL
Trichloroethene		0.32		0.21	ug/m3	TO15 LL
Toluene		0.061		0.040	ppb v/v	TO15 LL
Toluene		0.23		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.043		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.29		0.27	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9580-7	AM-1					
Dichlorodifluoromethane		0.42		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.1		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.19		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.0		0.22	ug/m3	TO15 LL
n-Hexane		0.86		0.080	ppb v/v	TO15 LL
n-Hexane		3.0		0.28	ug/m3	TO15 LL
Cyclohexane		0.056		0.040	ppb v/v	TO15 LL
Cyclohexane		0.19		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		0.044		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.21		0.19	ug/m3	TO15 LL
Benzene		0.22		0.040	ppb v/v	TO15 LL
Benzene		0.70		0.13	ug/m3	TO15 LL
n-Heptane		0.12		0.040	ppb v/v	TO15 LL
n-Heptane		0.49		0.16	ug/m3	TO15 LL
Trichloroethene		0.045		0.040	ppb v/v	TO15 LL
Trichloroethene		0.24		0.21	ug/m3	TO15 LL
Toluene		0.38		0.040	ppb v/v	TO15 LL
Toluene		1.4		0.15	ug/m3	TO15 LL
Ethylbenzene		0.047		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.21		0.17	ug/m3	TO15 LL
o-Xylene		0.051		0.040	ppb v/v	TO15 LL
o-Xylene		0.22		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.12		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.53		0.17	ug/m3	TO15 LL
Xylenes, Total		0.17		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.75		0.17	ug/m3	TO15 LL

METHOD SUMMARY

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister
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: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD
EPA TO15 LL	Desjardins, William R	WRD

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: SSV-1

Lab Sample ID: 200-9580-1

Date Sampled: 02/29/2012 1650

Client Matrix: Air

Date Received: 03/02/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-34715	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bklw007.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/08/2012 1518			Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1518			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	1.0	U	1.0
1,2-Dichlorotetrafluoroethane	0.40	U	0.40
Vinyl chloride	0.40	U	0.40
1,3-Butadiene	0.40	U	0.40
Bromomethane	0.40	U	0.40
Chloroethane	1.0	U	1.0
Bromoethene(Vinyl Bromide)	0.40	U	0.40
Trichlorofluoromethane	0.44		0.40
1,1-Dichloroethene	0.40	U	0.40
3-Chloropropene	1.0	U	1.0
Methylene Chloride	1.0	U	1.0
Methyl tert-butyl ether	0.40	U	0.40
trans-1,2-Dichloroethene	0.91		0.40
n-Hexane	0.40	U	0.40
1,1-Dichloroethane	8.1		0.40
cis-1,2-Dichloroethene	36		0.40
1,2-Dichloroethene, Total	37		0.40
Chloroform	17		0.40
1,1,1-Trichloroethane	35		0.40
Cyclohexane	0.40	U	0.40
Carbon tetrachloride	5.6		0.40
2,2,4-Trimethylpentane	0.40	U	0.40
Benzene	0.40	U	0.40
1,2-Dichloroethane	0.40	U	0.40
n-Heptane	0.40		0.40
Trichloroethene	48		0.40
1,2-Dichloropropane	0.40	U	0.40
Bromodichloromethane	0.40	U	0.40
cis-1,3-Dichloropropene	0.40	U	0.40
Toluene	6.2		0.40
trans-1,3-Dichloropropene	0.40	U	0.40
1,1,2-Trichloroethane	0.40	U	0.40
Tetrachloroethene	0.60		0.40
Dibromochloromethane	0.40	U	0.40
1,2-Dibromoethane	0.40	U	0.40
Ethylbenzene	2.2		0.40
m,p-Xylene	8.1		1.0
Xylene, o-	2.8		0.40
Xylene (total)	11		0.40
Bromoform	0.40	U	0.40
1,1,2,2-Tetrachloroethane	0.40	U	0.40
4-Ethyltoluene	1.6		0.40
1,3,5-Trimethylbenzene	1.1		0.40

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	4.9	U	4.9

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: SSV-1

Lab Sample ID: 200-9580-1

Date Sampled: 02/29/2012 1650

Client Matrix: Air

Date Received: 03/02/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-34715	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bklw007.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/08/2012 1518			Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1518			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	2.8	U	2.8
Vinyl chloride	1.0	U	1.0
1,3-Butadiene	0.88	U	0.88
Bromomethane	1.6	U	1.6
Chloroethane	2.6	U	2.6
Bromoethene(Vinyl Bromide)	1.7	U	1.7
Trichlorofluoromethane	2.5		2.2
1,1-Dichloroethene	1.6	U	1.6
3-Chloropropene	3.1	U	3.1
Methylene Chloride	3.5	U	3.5
Methyl tert-butyl ether	1.4	U	1.4
trans-1,2-Dichloroethene	3.6		1.6
n-Hexane	1.4	U	1.4
1,1-Dichloroethane	33		1.6
cis-1,2-Dichloroethene	140		1.6
1,2-Dichloroethene, Total	150		1.6
Chloroform	83		2.0
1,1,1-Trichloroethane	190		2.2
Cyclohexane	1.4	U	1.4
Carbon tetrachloride	35		2.5
2,2,4-Trimethylpentane	1.9	U	1.9
Benzene	1.3	U	1.3
1,2-Dichloroethane	1.6	U	1.6
n-Heptane	1.6		1.6
Trichloroethene	260		2.1
1,2-Dichloropropane	1.8	U	1.8
Bromodichloromethane	2.7	U	2.7
cis-1,3-Dichloropropene	1.8	U	1.8
Toluene	23		1.5
trans-1,3-Dichloropropene	1.8	U	1.8
1,1,2-Trichloroethane	2.2	U	2.2
Tetrachloroethene	4.1		2.7
Dibromochloromethane	3.4	U	3.4
1,2-Dibromoethane	3.1	U	3.1
Ethylbenzene	9.7		1.7
m,p-Xylene	35		4.3
Xylene, o-	12		1.7
Xylene (total)	47		1.7
Bromoform	4.1	U	4.1
1,1,2,2-Tetrachloroethane	2.7	U	2.7
4-Ethyltoluene	7.9		2.0
1,3,5-Trimethylbenzene	5.5		2.0

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: SSV-2

Lab Sample ID: 200-9580-3

Date Sampled: 02/29/2012 1630

Client Matrix: Air

Date Received: 03/02/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-34715	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bklw008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/08/2012 1611			Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1611			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.66		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.38		0.20
1,1-Dichloroethene	0.20	U	0.20
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.37		0.20
1,1-Dichloroethane	0.20	U	0.20
cis-1,2-Dichloroethene	1.1		0.20
1,2-Dichloroethene, Total	1.1		0.20
Chloroform	0.67		0.20
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.24		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.26		0.20
Trichloroethene	2.3		0.20
1,2-Dichloropropane	0.20	U	0.20
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
Toluene	3.7		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	1.5		0.20
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Ethylbenzene	0.90		0.20
m,p-Xylene	2.0		0.50
Xylene, o-	0.51		0.20
Xylene (total)	2.5		0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20		0.20
1,3,5-Trimethylbenzene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	3.3		2.5

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: SSV-2

Lab Sample ID: 200-9580-3

Date Sampled: 02/29/2012 1630

Client Matrix: Air

Date Received: 03/02/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-34715	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bklw008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/08/2012 1611			Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1611			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	2.1		1.1
1,1-Dichloroethene	0.79	U	0.79
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.3		0.70
1,1-Dichloroethane	0.81	U	0.81
cis-1,2-Dichloroethene	4.2		0.79
1,2-Dichloroethene, Total	4.2		0.79
Chloroform	3.3		0.98
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.76		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	1.1		0.82
Trichloroethene	12		1.1
1,2-Dichloropropane	0.92	U	0.92
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
Toluene	14		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	10		1.4
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Ethylbenzene	3.9		0.87
m,p-Xylene	8.7		2.2
Xylene, o-	2.2		0.87
Xylene (total)	11		0.87
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.97		0.98
1,3,5-Trimethylbenzene	0.98	U	0.98

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: SSV-3

Lab Sample ID: 200-9580-5

Date Sampled: 02/29/2012 1700

Client Matrix: Air

Date Received: 03/02/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-34715	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bklw009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/08/2012 1703			Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1703			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	1.0		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.87		0.20
1,1-Dichloroethene	0.20	U	0.20
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.28		0.20
1,1-Dichloroethane	0.20	U	0.20
cis-1,2-Dichloroethene	0.21		0.20
1,2-Dichloroethene, Total	0.21		0.20
Chloroform	0.20		0.20
1,1,1-Trichloroethane	0.44		0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.23		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.36		0.20
Trichloroethene	5.0		0.20
1,2-Dichloropropane	0.20	U	0.20
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
Toluene	5.2		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.91		0.20
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Ethylbenzene	1.8		0.20
m,p-Xylene	6.4		0.50
Xylene, o-	2.2		0.20
Xylene (total)	8.6		0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	1.3		0.20
1,3,5-Trimethylbenzene	0.89		0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	5.0		2.5

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: SSV-3

Lab Sample ID: 200-9580-5

Date Sampled: 02/29/2012 1700

Client Matrix: Air

Date Received: 03/02/2012 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-34715	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bklw009.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	03/08/2012 1703			Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1703			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	4.9		1.1
1,1-Dichloroethene	0.79	U	0.79
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.98		0.70
1,1-Dichloroethane	0.81	U	0.81
cis-1,2-Dichloroethene	0.83		0.79
1,2-Dichloroethene, Total	0.83		0.79
Chloroform	0.97		0.98
1,1,1-Trichloroethane	2.4		1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.73		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	1.5		0.82
Trichloroethene	27		1.1
1,2-Dichloropropane	0.92	U	0.92
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
Toluene	20		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	6.1		1.4
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Ethylbenzene	7.7		0.87
m,p-Xylene	28		2.2
Xylene, o-	9.5		0.87
Xylene (total)	37		0.87
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	6.5		0.98
1,3,5-Trimethylbenzene	4.4		0.98

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: IA-1

Lab Sample ID: 200-9580-2

Date Sampled: 02/29/2012 1650

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv011.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0005			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0005			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.54		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	0.30		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	0.58		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	0.057		0.040
2,2,4-Trimethylpentane	0.040	U	0.040
Benzene	0.20		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.089		0.040
Trichloroethene	0.063		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	0.34		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.074		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.040		0.040
o-Xylene	0.045		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	0.13		0.040
Xylenes, Total	0.17		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.7		0.20

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: IA-1

Lab Sample ID: 200-9580-2

Date Sampled: 02/29/2012 1650

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv011.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0005			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0005			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	1.7		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	2.0		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	0.36		0.25
2,2,4-Trimethylpentane	0.19	U	0.19
Benzene	0.65		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.36		0.16
Trichloroethene	0.34		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	1.3		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.50		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.17		0.17
o-Xylene	0.20		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	0.56		0.17
Xylenes, Total	0.75		0.17

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: IA-2

Lab Sample ID: 200-9580-4

Date Sampled: 02/29/2012 1535

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv012.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0100			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0100			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.51		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	0.31		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	0.52		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	0.045		0.040
Carbon tetrachloride	0.066		0.040
2,2,4-Trimethylpentane	0.040		0.040
Benzene	0.19		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.095		0.040
Trichloroethene	0.062		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	0.32		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.067		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.042		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	0.12		0.040
Xylenes, Total	0.16		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5		0.20

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: IA-2

Lab Sample ID: 200-9580-4

Date Sampled: 02/29/2012 1535

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv012.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0100			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0100			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	1.8		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	1.8		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	0.16		0.14
Carbon tetrachloride	0.41		0.25
2,2,4-Trimethylpentane	0.19		0.19
Benzene	0.61		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.39		0.16
Trichloroethene	0.33		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	1.2		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.45		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.18		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	0.52		0.17
Xylenes, Total	0.69		0.17

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: IA-3

Lab Sample ID: 200-9580-6

Date Sampled: 02/29/2012 1700

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv013.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0155			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0155			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	0.30		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	0.54		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	0.061		0.040
2,2,4-Trimethylpentane	0.040	U	0.040
Benzene	0.18		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.040		0.040
Trichloroethene	0.060		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	0.061		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.043		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	0.040	U	0.040
Xylenes, Total	0.040	U	0.040

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

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: IA-3

Lab Sample ID: 200-9580-6

Date Sampled: 02/29/2012 1700

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv013.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0155			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0155			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	1.7		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	1.9		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	0.38		0.25
2,2,4-Trimethylpentane	0.19	U	0.19
Benzene	0.57		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.16		0.16
Trichloroethene	0.32		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	0.23		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.29		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	0.17	U	0.17
Xylenes, Total	0.17	U	0.17

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: AM-1

Lab Sample ID: 200-9580-7

Date Sampled: 02/29/2012 1645

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eev014.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0249			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0249			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.42		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	0.19		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	0.86		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	0.056		0.040
Carbon tetrachloride	0.065		0.040
2,2,4-Trimethylpentane	0.044		0.040
Benzene	0.22		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.12		0.040
Trichloroethene	0.045		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	0.38		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	0.047		0.040
o-Xylene	0.051		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	0.12		0.040
Xylenes, Total	0.17		0.040

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

Analytical Data

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Client Sample ID: AM-1

Lab Sample ID: 200-9580-7

Date Sampled: 02/29/2012 1645

Client Matrix: Air

Date Received: 03/02/2012 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-34777	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerv014.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/09/2012 0249			Final Weight/Volume:	500 mL
Prep Date:	03/09/2012 0249			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	1.0		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	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.19		0.14
Carbon tetrachloride	0.41		0.25
2,2,4-Trimethylpentane	0.21		0.19
Benzene	0.70		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.49		0.16
Trichloroethene	0.24		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	1.4		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	0.21		0.17
o-Xylene	0.22		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	0.53		0.17
Xylenes, Total	0.75		0.17

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Method Blank - Batch: 200-34715

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-34715/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 03/08/2012 1326
 Prep Date: 03/08/2012 1326
 Leach Date: N/A

Analysis Batch: 200-34715
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: B.i
 Lab File ID: bklw005.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
Toluene	0.20	U	0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Method Blank - Batch: 200-34715

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-34715/5
Client Matrix: Air
Dilution: 1.0
Analysis Date: 03/08/2012 1326
Prep Date: 03/08/2012 1326
Leach Date: N/A

Analysis Batch: 200-34715
Prep Batch: N/A
Leach Batch: N/A
Units: ug/m3

Instrument ID: B.i
Lab File ID: bklw005.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.1	U	1.1
1,1-Dichloroethene	0.79	U	0.79
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
Toluene	0.75	U	0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	0.87	U	0.87
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Control Sample - Batch: 200-34715

Method: TO-15

Preparation: Summa Canister

Lab Sample ID:	LCS 200-34715/4	Analysis Batch:	200-34715	Instrument ID:	B.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	bklw004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	03/08/2012 1234	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	03/08/2012 1234			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.7	117	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.7	117	70 - 130	
Vinyl chloride	10.0	11.8	118	70 - 130	
1,3-Butadiene	10.0	12.4	124	70 - 130	
Bromomethane	10.0	10.4	104	70 - 130	
Chloroethane	10.0	10.4	104	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.4	104	70 - 130	
Trichlorofluoromethane	10.0	11.0	110	70 - 130	
1,1-Dichloroethene	10.0	10.6	106	70 - 130	
3-Chloropropene	10.0	10.6	106	70 - 130	
Methylene Chloride	10.0	11.0	110	70 - 130	
Methyl tert-butyl ether	10.0	10.5	105	70 - 130	
trans-1,2-Dichloroethene	10.0	10.4	104	70 - 130	
n-Hexane	10.0	9.99	100	70 - 130	
1,1-Dichloroethane	10.0	10.3	103	70 - 130	
cis-1,2-Dichloroethene	10.0	10.1	101	70 - 130	
Chloroform	10.0	10.3	103	70 - 130	
1,1,1-Trichloroethane	10.0	10.8	108	70 - 130	
Cyclohexane	10.0	9.88	99	70 - 130	
Carbon tetrachloride	10.0	10.8	108	70 - 130	
2,2,4-Trimethylpentane	10.0	10.4	104	70 - 130	
Benzene	10.0	9.85	99	70 - 130	
1,2-Dichloroethane	10.0	11.2	112	70 - 130	
n-Heptane	10.0	10.6	106	70 - 130	
Trichloroethene	10.0	10.1	101	70 - 130	
1,2-Dichloropropane	10.0	9.69	97	70 - 130	
Bromodichloromethane	10.0	11.2	112	70 - 130	
cis-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
Toluene	10.0	9.66	97	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	9.42	94	70 - 130	
Tetrachloroethene	10.0	9.55	96	70 - 130	
Dibromochloromethane	10.0	10.9	109	70 - 130	
1,2-Dibromoethane	10.0	9.74	97	70 - 130	
Ethylbenzene	10.0	9.83	98	70 - 130	
m,p-Xylene	20.0	19.6	98	70 - 130	
Xylene, o-	10.0	9.69	97	70 - 130	
Bromoform	10.0	11.1	111	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.51	95	70 - 130	
4-Ethyltoluene	10.0	10.5	105	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.94	99	70 - 130	

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Method Blank - Batch: 200-34777

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-34777/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 03/08/2012 1744
Prep Date: 03/08/2012 1744
Leach Date: N/A

Analysis Batch: 200-34777
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: E.i
Lab File ID: eerv004.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	0.010	U	0.010
Xylenes, Total	0.010	U	0.010

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Method Blank - Batch: 200-34777

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-34777/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 03/08/2012 1744
Prep Date: 03/08/2012 1744
Leach Date: N/A

Analysis Batch: 200-34777
Prep Batch: N/A
Leach Batch: N/A
Units: ug/m3

Instrument ID: E.i
Lab File ID: eerv004.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	0.043	U	0.043
Xylenes, Total	0.043	U	0.043

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Control Sample - Batch: 200-34777

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: LCS 200-34777/3
Client Matrix: Air
Dilution: 1.0
Analysis Date: 03/08/2012 1653
Prep Date: 03/08/2012 1653
Leach Date: N/A

Analysis Batch: 200-34777
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: E.i
Lab File ID: eerv003.d
Initial Weight/Volume: 500 mL
Final Weight/Volume: 500 mL
Injection Volume: 500 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	0.200	0.171	86	70 - 130	
1,2-Dichlorotetrafluoroethane	0.200	0.163	82	70 - 130	
Vinyl chloride	0.200	0.158	79	70 - 130	
1,3-Butadiene	0.200	0.161	81	70 - 130	
Bromomethane	0.200	0.157	79	70 - 130	
Chloroethane	0.200	0.150	75	70 - 130	
Bromoethene(Vinyl Bromide)	0.200	0.173	87	70 - 130	
Trichlorofluoromethane	0.200	0.164	82	70 - 130	
1,1-Dichloroethene	0.200	0.188	94	70 - 130	
3-Chloropropene	0.200	0.151	76	70 - 130	
Methylene Chloride	0.200	0.184	92	70 - 130	
Methyl tert-butyl ether	0.200	0.201	101	70 - 130	
trans-1,2-Dichloroethene	0.200	0.160	80	70 - 130	
n-Hexane	0.200	0.171	86	70 - 130	
1,1-Dichloroethane	0.200	0.155	78	70 - 130	
cis-1,2-Dichloroethene	0.200	0.161	81	70 - 130	
Chloroform	0.200	0.155	77	70 - 130	
1,1,1-Trichloroethane	0.200	0.168	84	70 - 130	
Cyclohexane	0.200	0.182	91	70 - 130	
Carbon tetrachloride	0.200	0.169	85	70 - 130	
2,2,4-Trimethylpentane	0.200	0.169	85	70 - 130	
Benzene	0.200	0.171	86	70 - 130	
1,2-Dichloroethane	0.200	0.163	82	70 - 130	
n-Heptane	0.200	0.175	88	70 - 130	
Trichloroethene	0.200	0.171	86	70 - 130	
1,2-Dichloropropane	0.200	0.167	84	70 - 130	
Bromodichloromethane	0.200	0.179	90	70 - 130	
cis-1,3-Dichloropropene	0.200	0.174	87	70 - 130	
Toluene	0.200	0.181	91	70 - 130	
trans-1,3-Dichloropropene	0.200	0.173	87	70 - 130	
1,1,2-Trichloroethane	0.200	0.179	90	70 - 130	
Tetrachloroethene	0.200	0.168	84	70 - 130	
Dibromochloromethane	0.200	0.182	91	70 - 130	
1,2-Dibromoethane	0.200	0.178	89	70 - 130	
Ethylbenzene	0.200	0.197	99	70 - 130	
o-Xylene	0.200	0.198	99	70 - 130	
Bromoform	0.200	0.194	97	70 - 130	
1,1,2,2-Tetrachloroethane	0.200	0.178	89	70 - 130	
4-Ethyltoluene	0.200	0.206	103	70 - 130	
1,3,5-Trimethylbenzene	0.200	0.196	98	70 - 130	
m-Xylene & p-Xylene	0.399	0.422	106	70 - 130	

DATA REPORTING QUALIFIERS

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

Lab Section	Qualifier	Description
Air - GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1

Sdg Number: 200-9580

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-34715					
LCS 200-34715/4	Lab Control Sample	T	Air	TO-15	
MB 200-34715/5	Method Blank	T	Air	TO-15	
200-9580-1	SSV-1	T	Air	TO-15	
200-9580-3	SSV-2	T	Air	TO-15	
200-9580-5	SSV-3	T	Air	TO-15	
Analysis Batch:200-34777					
LCS 200-34777/3	Lab Control Sample	T	Air	TO15 LL	
MB 200-34777/4	Method Blank	T	Air	TO15 LL	
200-9580-2	IA-1	T	Air	TO15 LL	
200-9580-4	IA-2	T	Air	TO15 LL	
200-9580-6	IA-3	T	Air	TO15 LL	
200-9580-7	AM-1	T	Air	TO15 LL	

Report Basis

T = Total

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1
SDG: 200-9580

Laboratory Chronicle

Lab ID: 200-9580-1

Client ID: SSV-1

Sample Date/Time: 02/29/2012 16:50 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-1		200-34715		03/08/2012 15:18	2	TAL BUR	WRD
A:TO-15	200-9580-A-1		200-34715		03/08/2012 15:18	2	TAL BUR	WRD

Lab ID: 200-9580-2

Client ID: IA-1

Sample Date/Time: 02/29/2012 16:50 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-2		200-34777		03/09/2012 00:05	4	TAL BUR	WRD
A:TO15 LL	200-9580-A-2		200-34777		03/09/2012 00:05	4	TAL BUR	WRD

Lab ID: 200-9580-3

Client ID: SSV-2

Sample Date/Time: 02/29/2012 16:30 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-3		200-34715		03/08/2012 16:11	1	TAL BUR	WRD
A:TO-15	200-9580-A-3		200-34715		03/08/2012 16:11	1	TAL BUR	WRD

Lab ID: 200-9580-4

Client ID: IA-2

Sample Date/Time: 02/29/2012 15:35 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-4		200-34777		03/09/2012 01:00	4	TAL BUR	WRD
A:TO15 LL	200-9580-A-4		200-34777		03/09/2012 01:00	4	TAL BUR	WRD

Lab ID: 200-9580-5

Client ID: SSV-3

Sample Date/Time: 02/29/2012 17:00 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-5		200-34715		03/08/2012 17:03	1	TAL BUR	WRD
A:TO-15	200-9580-A-5		200-34715		03/08/2012 17:03	1	TAL BUR	WRD

Quality Control Results

Client: CHA Inc

Job Number: 200-9580-1
SDG: 200-9580

Laboratory Chronicle

Lab ID: 200-9580-6

Client ID: IA-3

Sample Date/Time: 02/29/2012 17:00 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-6		200-34777		03/09/2012 01:55	4	TAL BUR	WRD
A:TO15 LL	200-9580-A-6		200-34777		03/09/2012 01:55	4	TAL BUR	WRD

Lab ID: 200-9580-7

Client ID: AM-1

Sample Date/Time: 02/29/2012 16:45 Received Date/Time: 03/02/2012 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9580-A-7		200-34777		03/09/2012 02:49	4	TAL BUR	WRD
A:TO15 LL	200-9580-A-7		200-34777		03/09/2012 02:49	4	TAL BUR	WRD

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 200-34715/5		200-34715		03/08/2012 13:26	1	TAL BUR	WRD
A:TO-15	MB 200-34715/5		200-34715		03/08/2012 13:26	1	TAL BUR	WRD
P:Summa Canister	MB 200-34777/4		200-34777		03/08/2012 17:44	1	TAL BUR	WRD
A:TO15 LL	MB 200-34777/4		200-34777		03/08/2012 17:44	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 200-34715/4		200-34715		03/08/2012 12:34	1	TAL BUR	WRD
A:TO-15	LCS 200-34715/4		200-34715		03/08/2012 12:34	1	TAL BUR	WRD
P:Summa Canister	LCS 200-34777/3		200-34777		03/08/2012 16:53	1	TAL BUR	WRD
A:TO15 LL	LCS 200-34777/3		200-34777		03/08/2012 16:53	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

Client: CHA Inc
Project/Site: Former Albany Laboratories

TestAmerica Job ID: 200-9580-1
SDG: 200-9580

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACCLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAC Secondary AB	4	E87467
TestAmerica Burlington	Louisiana	NELAC Secondary AB	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC Secondary AB	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.: 200-9580-1
SDG No.: 200-9580
Matrix: Air Level: Low Lab File ID: eerv003.d
Lab ID: LCS 200-34777/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.171	86	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.163	82	70-130	
Vinyl chloride	0.200	0.158	79	70-130	
1,3-Butadiene	0.200	0.161	81	70-130	
Bromomethane	0.200	0.157	79	70-130	
Chloroethane	0.200	0.150	75	70-130	
Bromoethene (Vinyl Bromide)	0.200	0.173	87	70-130	
Trichlorofluoromethane	0.200	0.164	82	70-130	
1,1-Dichloroethene	0.200	0.188	94	70-130	
3-Chloropropene	0.200	0.151	76	70-130	
Methylene Chloride	0.200	0.184	92	70-130	
Methyl tert-butyl ether	0.200	0.201	101	70-130	
trans-1,2-Dichloroethene	0.200	0.160	80	70-130	
n-Hexane	0.200	0.171	86	70-130	
1,1-Dichloroethane	0.200	0.155	78	70-130	
cis-1,2-Dichloroethene	0.200	0.161	81	70-130	
Chloroform	0.200	0.155	77	70-130	
1,1,1-Trichloroethane	0.200	0.168	84	70-130	
Cyclohexane	0.200	0.182	91	70-130	
Carbon tetrachloride	0.200	0.169	85	70-130	
2,2,4-Trimethylpentane	0.200	0.169	85	70-130	
Benzene	0.200	0.171	86	70-130	
1,2-Dichloroethane	0.200	0.163	82	70-130	
n-Heptane	0.200	0.175	88	70-130	
Trichloroethene	0.200	0.171	86	70-130	
1,2-Dichloropropane	0.200	0.167	84	70-130	
Bromodichloromethane	0.200	0.179	90	70-130	
cis-1,3-Dichloropropene	0.200	0.174	87	70-130	
Toluene	0.200	0.181	91	70-130	
trans-1,3-Dichloropropene	0.200	0.173	87	70-130	
1,1,2-Trichloroethane	0.200	0.179	90	70-130	
Tetrachloroethene	0.200	0.168	84	70-130	
Dibromochloromethane	0.200	0.182	91	70-130	
1,2-Dibromoethane	0.200	0.178	89	70-130	
Ethylbenzene	0.200	0.197	99	70-130	
o-Xylene	0.200	0.198	99	70-130	
Bromoform	0.200	0.194	97	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.178	89	70-130	
4-Ethyltoluene	0.200	0.206	103	70-130	
1,3,5-Trimethylbenzene	0.200	0.196	98	70-130	
m-Xylene & p-Xylene	0.399	0.422	106	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Lab File ID: eerv004.d Lab Sample ID: MB 200-34777/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: E.i Date Analyzed: 03/08/2012 17:44
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 200-34777/3	eerv003.d	03/08/2012 16:53
IA-1	200-9580-2	eerv011.d	03/09/2012 00:05
IA-2	200-9580-4	eerv012.d	03/09/2012 01:00
IA-3	200-9580-6	eerv013.d	03/09/2012 01:55
AM-1	200-9580-7	eerv014.d	03/09/2012 02:49

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab File ID: eer001.d BFB Injection Date: 01/04/2012
 Instrument ID: E.i BFB Injection Time: 16:58
 Analysis Batch No.: 31788

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	52.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	92.5
175	4.0 - 9.0 % of mass 174	6.4 (6.9)1
176	93.0 - 101.0% of mass 174	90.0 (97.3)1
177	5.0 - 9.0% of mass 176	5.9 (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 200-31788/3	eer003.d	01/04/2012	18:42
	IC 200-31788/4	eer004.d	01/04/2012	19:37
	IC 200-31788/5	eer005.d	01/04/2012	20:32
	IC 200-31788/6	eer006.d	01/04/2012	21:26
	ICIS 200-31788/7	eer007.d	01/04/2012	22:21
	IC 200-31788/8	eer008.d	01/04/2012	23:16
	IC 200-31788/9	eer009.d	01/05/2012	00:10
	IC 200-31788/10	eer010.d	01/05/2012	01:05
	IC 200-31788/11	eer011.d	01/05/2012	02:00
	IC 200-31788/12	eer012.d	01/05/2012	02:54
	ICV 200-31788/14	eer014.d	01/05/2012	04:44

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Lab File ID: eerv001.d BFB Injection Date: 03/08/2012
Instrument ID: E.i BFB Injection Time: 15:04
Analysis Batch No.: 34777

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.0
75	30.0 - 66.0% of mass 95	48.2
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	0.6 (0.6)1
174	50.0 - 120.0% of mass 95	94.4
175	4.0 - 9.0 % of mass 174	6.6 (7.0)1
176	93.0 - 101.0% of mass 174	91.3 (96.7)1
177	5.0 - 9.0% of mass 176	6.0 (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
	CCVIS 200-34777/2	eerv002.d	03/08/2012	15:58
	LCS 200-34777/3	eerv003.d	03/08/2012	16:53
	MB 200-34777/4	eerv004.d	03/08/2012	17:44
IA-1	200-9580-2	eerv011.d	03/09/2012	00:05
IA-2	200-9580-4	eerv012.d	03/09/2012	01:00
IA-3	200-9580-6	eerv013.d	03/09/2012	01:55
AM-1	200-9580-7	eerv014.d	03/09/2012	02:49

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Sample No.: ICIS 200-31788/7 Date Analyzed: 01/04/2012 22:21
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): eer007.d Heated Purge: (Y/N) N
Calibration ID: 12699

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	804710	9.99	3926162	11.43	3478570	15.54	
UPPER LIMIT	1126594	10.32	5496627	11.76	4869998	15.87	
LOWER LIMIT	482826	9.66	2355697	11.10	2087142	15.21	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-31788/14		897583	9.98	4383408	11.43	3818789	15.54

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.: 200-9580-1
 SDG No.: 200-9580
 Sample No.: CCVIS 200-34777/2 Date Analyzed: 03/08/2012 15:58
 Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): eerv002.d Heated Purge: (Y/N) N
 Calibration ID: 12699

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		671944	9.98	3173616	11.42	2974145	15.53
UPPER LIMIT		940722	10.31	4443062	11.75	4163803	15.86
LOWER LIMIT		403166	9.65	1904170	11.09	1784487	15.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-34777/3		681819	9.98	3276364	11.42	2980832	15.54
MB 200-34777/4		563951	9.97	3232376	11.42	2139317	15.54
200-9580-2	IA-1	615728	9.98	3055893	11.42	2752089	15.54
200-9580-4	IA-2	682763	9.97	3203446	11.42	2869035	15.53
200-9580-6	IA-3	652607	9.98	3177943	11.42	2773122	15.54
200-9580-7	AM-1	655612	9.98	3177595	11.42	2839480	15.54

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.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-1 Lab Sample ID: 200-9580-2
 Matrix: Air Lab File ID: eerv011.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:50
 Sample wt/vol: 125(mL) Date Analyzed: 03/09/2012 00:05
 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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.54		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	0.30		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	0.58		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	0.057		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	0.20		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	0.089		0.040	0.040
79-01-6	Trichloroethene	131.39	0.063		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	0.34		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	0.074		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
100-41-4	Ethylbenzene	106.17	0.040		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-1 Lab Sample ID: 200-9580-2
 Matrix: Air Lab File ID: eerv011.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:50
 Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 00:05
 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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.045		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	0.13		0.040	0.040
1330-20-7	Xylenes, Total	106.17	0.17		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-1 Lab Sample ID: 200-9580-2
 Matrix: Air Lab File ID: eerv011.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:50
 Sample wt/vol: 125(mL) Date Analyzed: 03/09/2012 00:05
 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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.7		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	1.7		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	2.0		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	0.20	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	0.36		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	0.65		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	0.36		0.16	0.16
79-01-6	Trichloroethene	131.39	0.34		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	1.3		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	0.50		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
100-41-4	Ethylbenzene	106.17	0.17		0.17	0.17

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-1 Lab Sample ID: 200-9580-2
 Matrix: Air Lab File ID: eerv011.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:50
 Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 00:05
 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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.20		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	0.56		0.17	0.17
1330-20-7	Xylenes, Total	106.17	0.75		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-2
Client Smp ID: IA-1
Inj Date : 09-MAR-2012 00:05
Operator : wrd
Smp Info : 200-9580-A-2
Misc Info : 125,4,to1511
Comment :
Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
Meth Date : 08-Mar-2012 16:39 wrd
Cal Date : 05-JAN-2012 02:54
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: eer012.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	3.179	3.174	(0.319)	59773	0.13450	0.54
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	3.827	3.827	(0.383)	947	0.01135	0.045(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.127	5.138	(0.514)	49988	0.07613	0.30
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	7425	0.01734	0.069(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.422	7.433	(0.744)	6741	0.04213	0.17(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

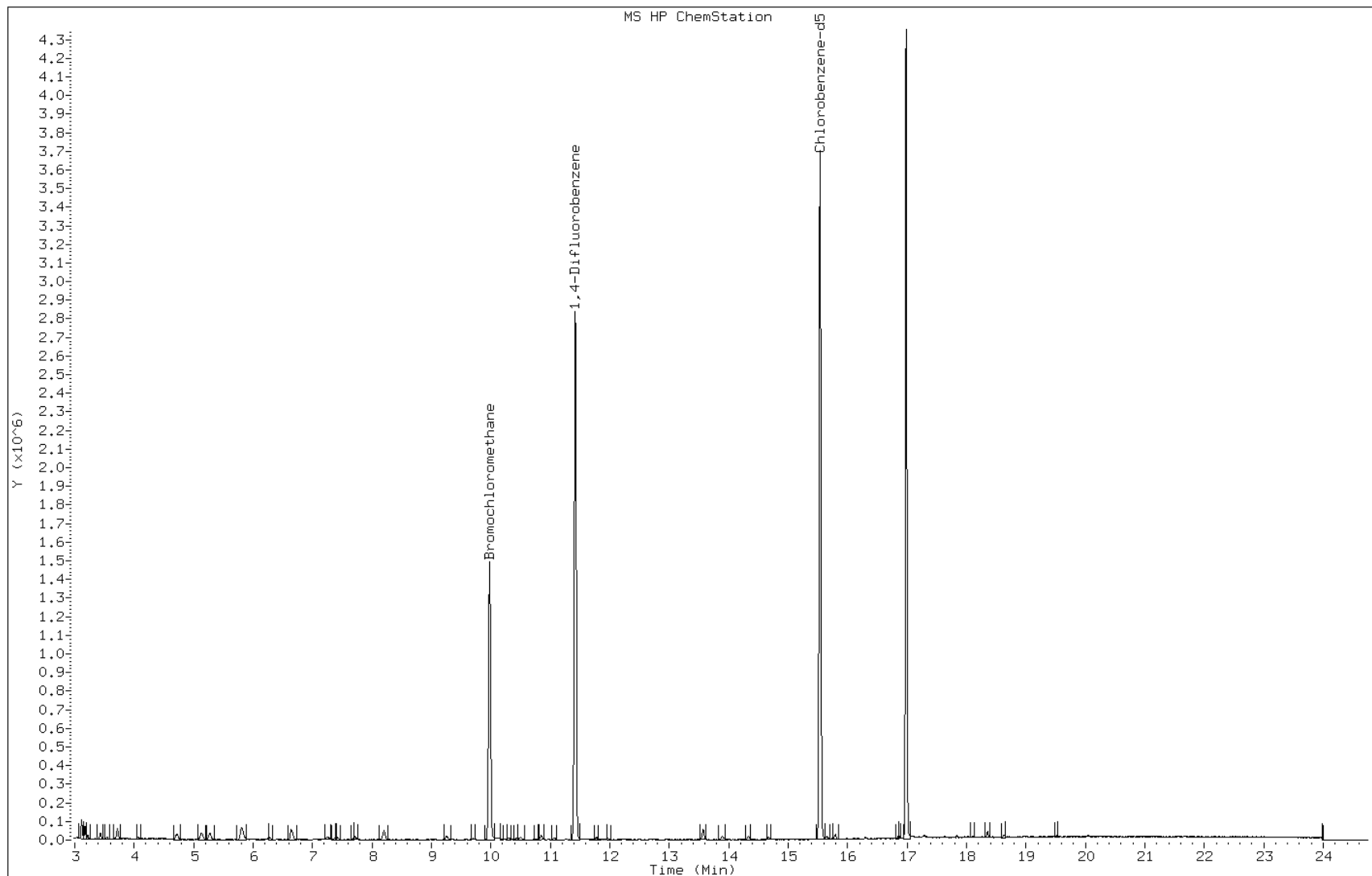
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.203	8.203	(0.822)	32705	0.14476	0.58
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.979	9.990	(1.000)	615728	2.00000	
39 Chloroform	83	10.075	10.075	(1.010)	4160	0.00930	0.037(a)
40 Cyclohexane	84	10.310	10.305	(0.903)	2246	0.00819	0.033(aQM)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.508	10.514	(0.920)	9514	0.01433	0.057
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.946)	6133	0.00885	0.035(a)
44 Benzene	78	10.851	10.851	(0.950)	26158	0.05053	0.20
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.070	11.076	(0.970)	4706	0.02222	0.089
* 47 1,4-Difluorobenzene	114	11.418	11.429	(1.000)	3055893	2.00000	
49 Trichloroethene	95	11.771	11.782	(1.031)	4514	0.01578	0.063
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	13.574	13.579	(0.874)	29401	0.08610	0.34
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.333	14.344	(0.923)	8357	0.01841	0.074
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.537	15.543	(1.000)	2752089	2.00000	
67 Ethylbenzene	91	15.639	15.650	(1.007)	6467	0.01000	0.040
69 Xylene (m,p)	106	15.794	15.799	(1.017)	7164	0.03203	0.13(Q)
M 70 Xylene, Total	106				9581	0.04334	0.17
71 Xylene (o)	106	16.308	16.318	(1.050)	2417	0.01131	0.045(Q)
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	17.399	17.404	(1.120)	2114	0.00591	0.024(a)

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: eerv011.d
Client ID: IA-1
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-2
Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

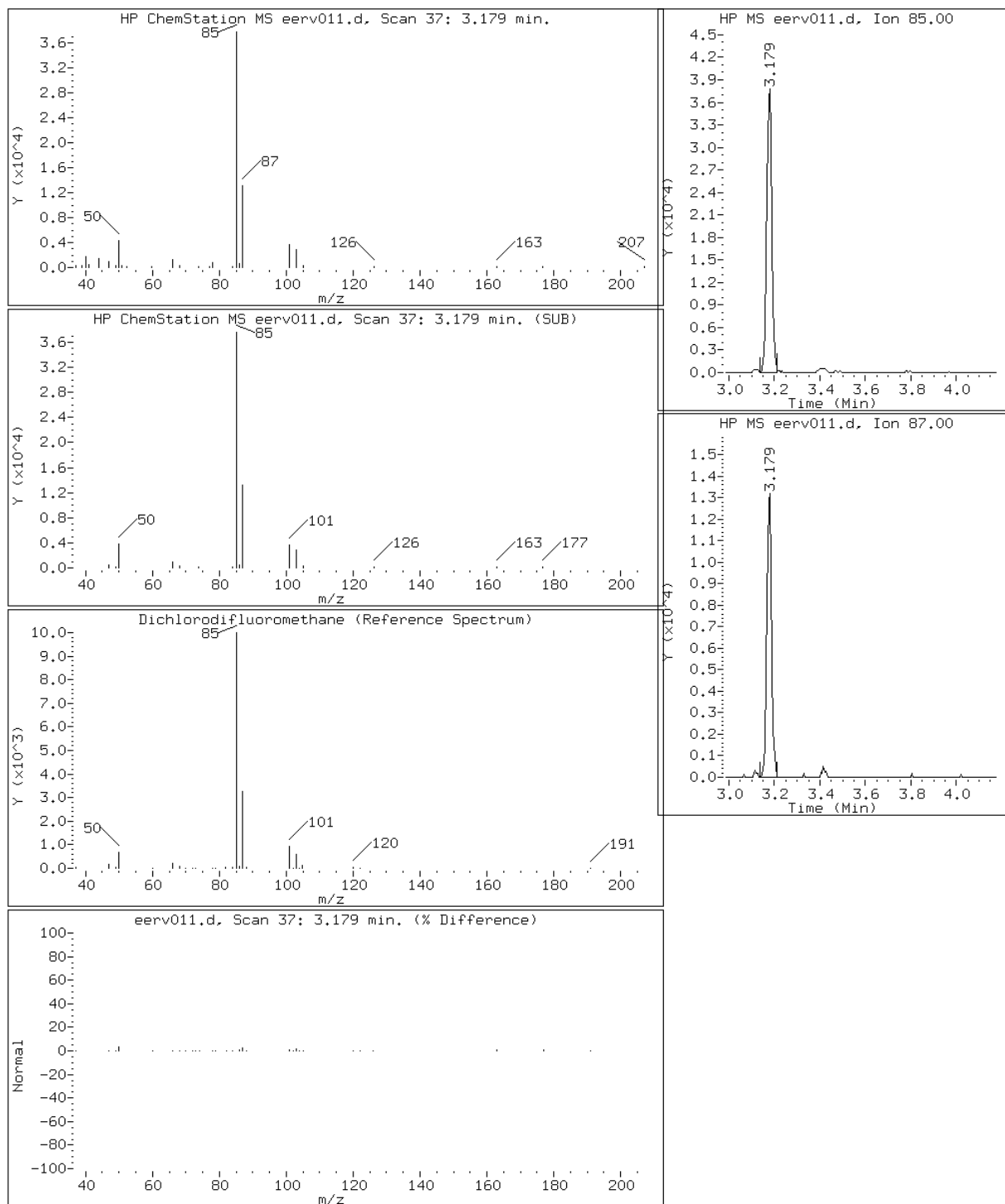
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

2 Dichlorodifluoromethane



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

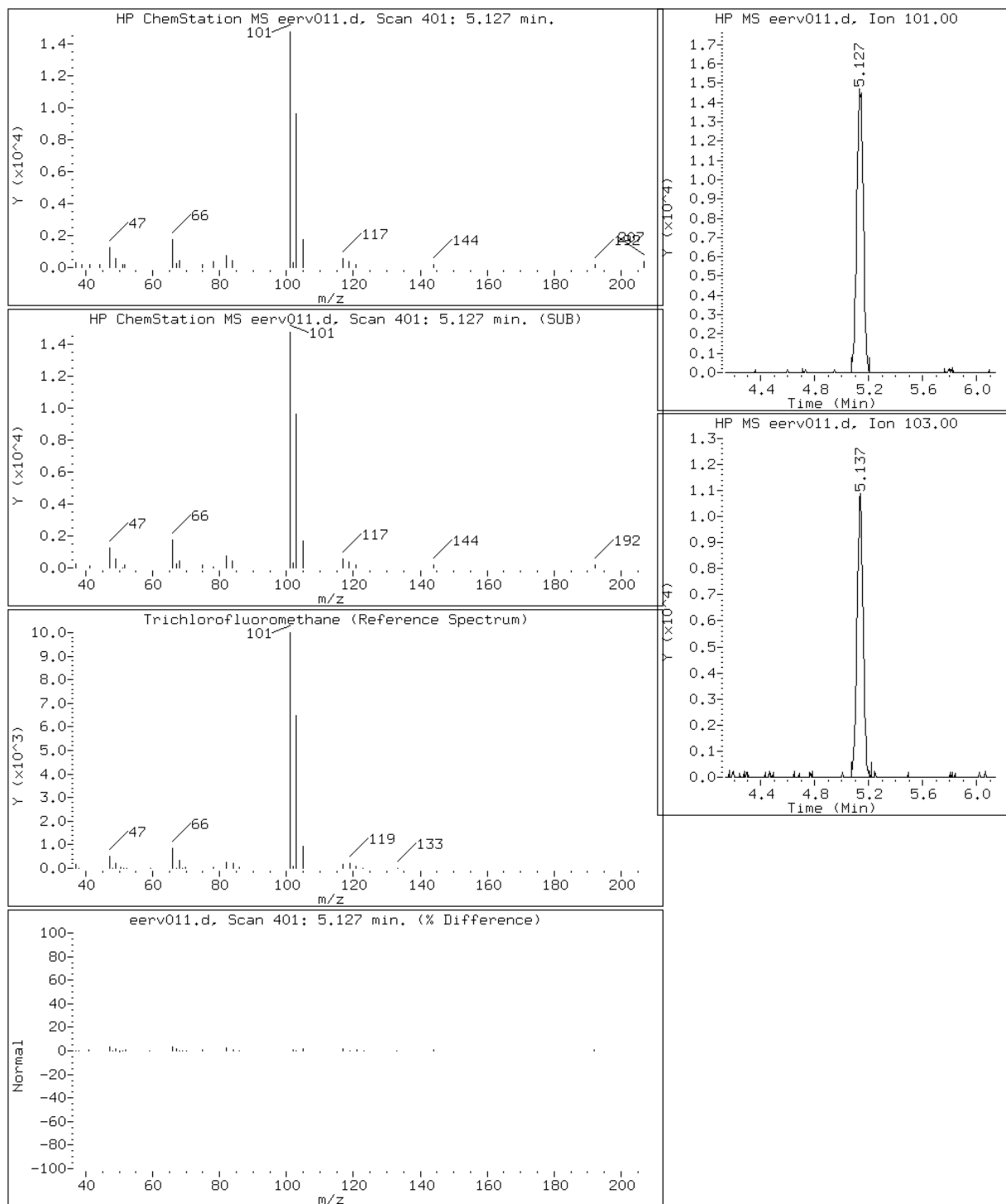
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

13 Trichlorofluoromethane



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

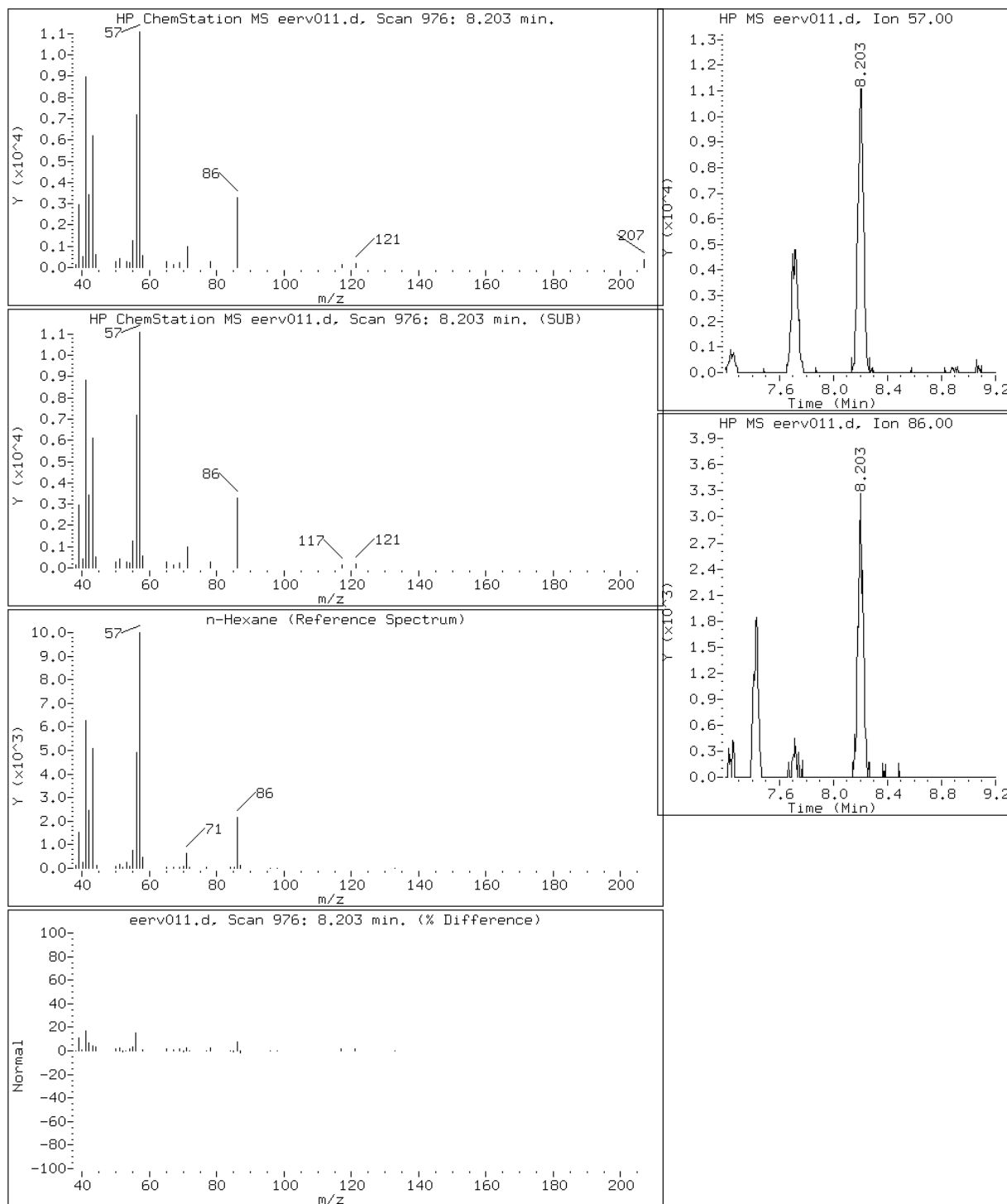
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

30 n-Hexane



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

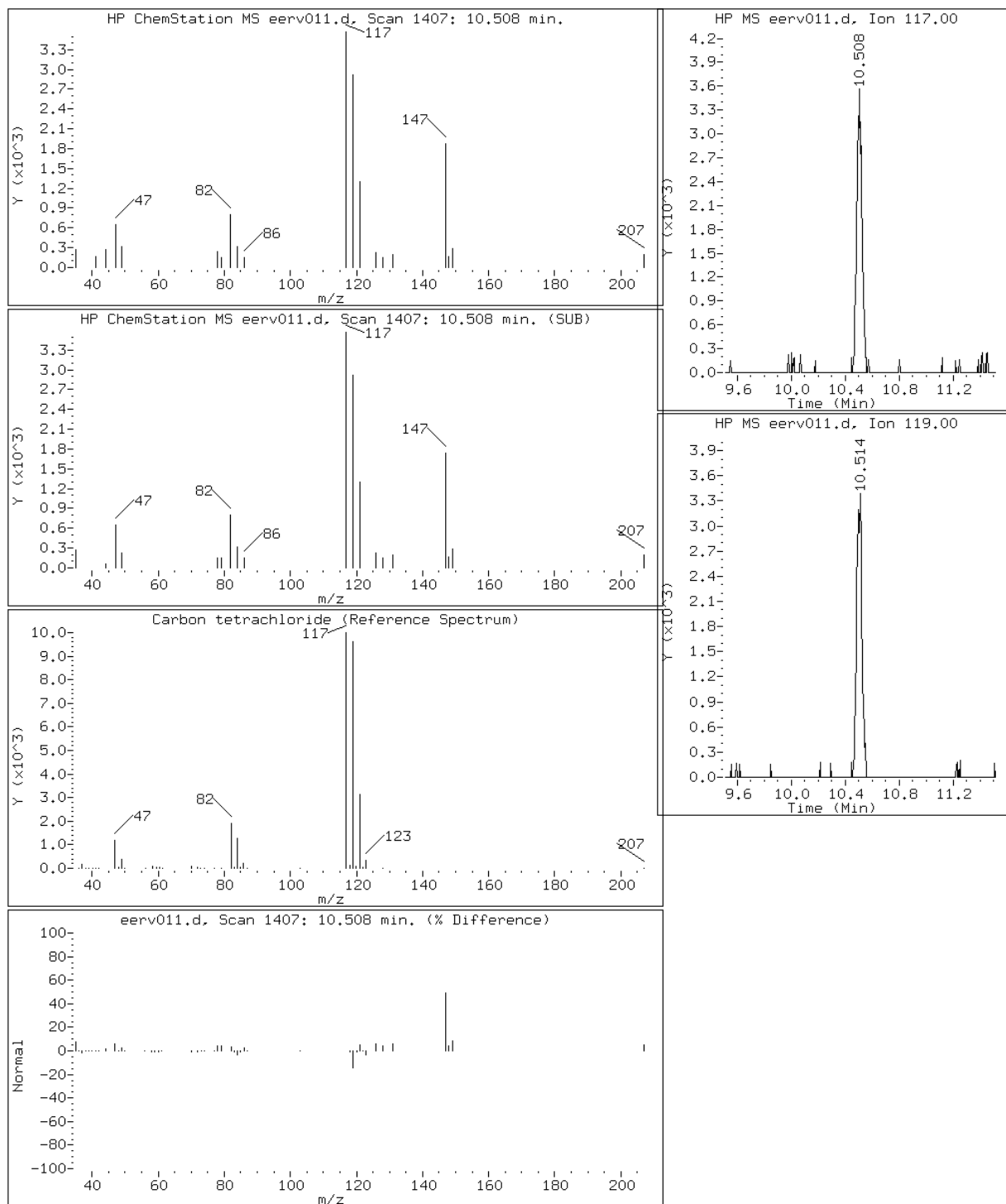
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

42 Carbon tetrachloride



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

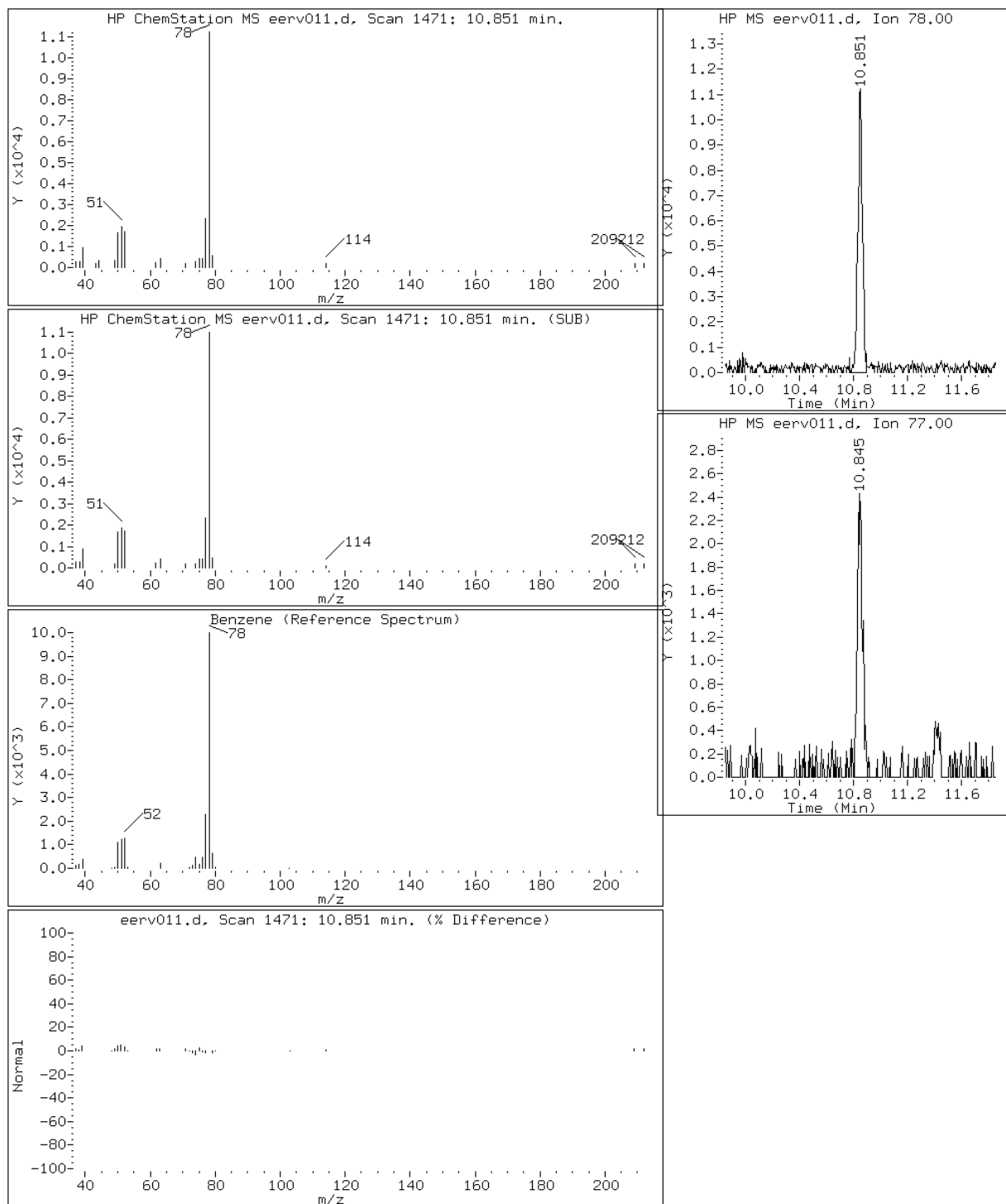
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

44 Benzene



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

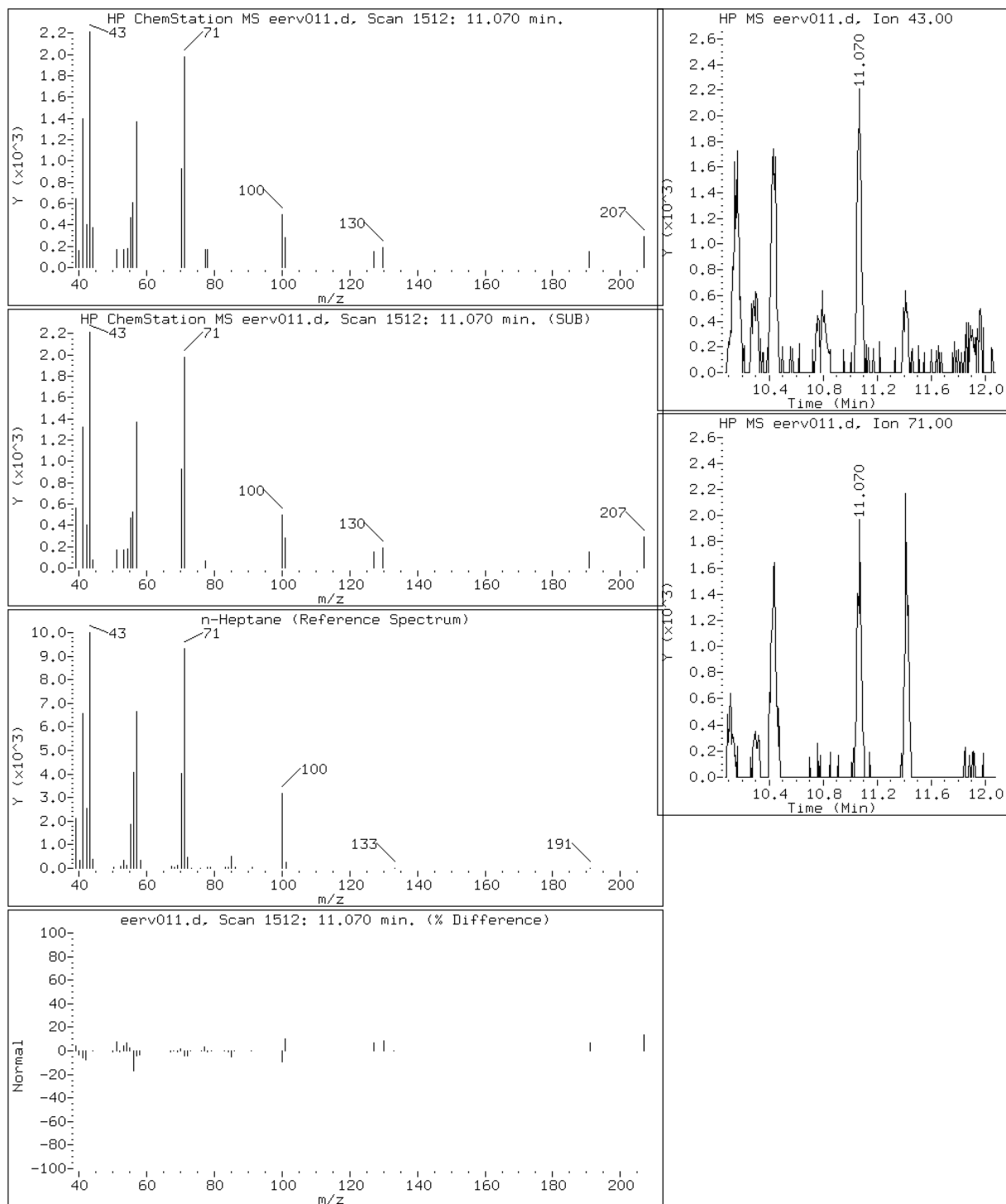
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

46 n-Heptane



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

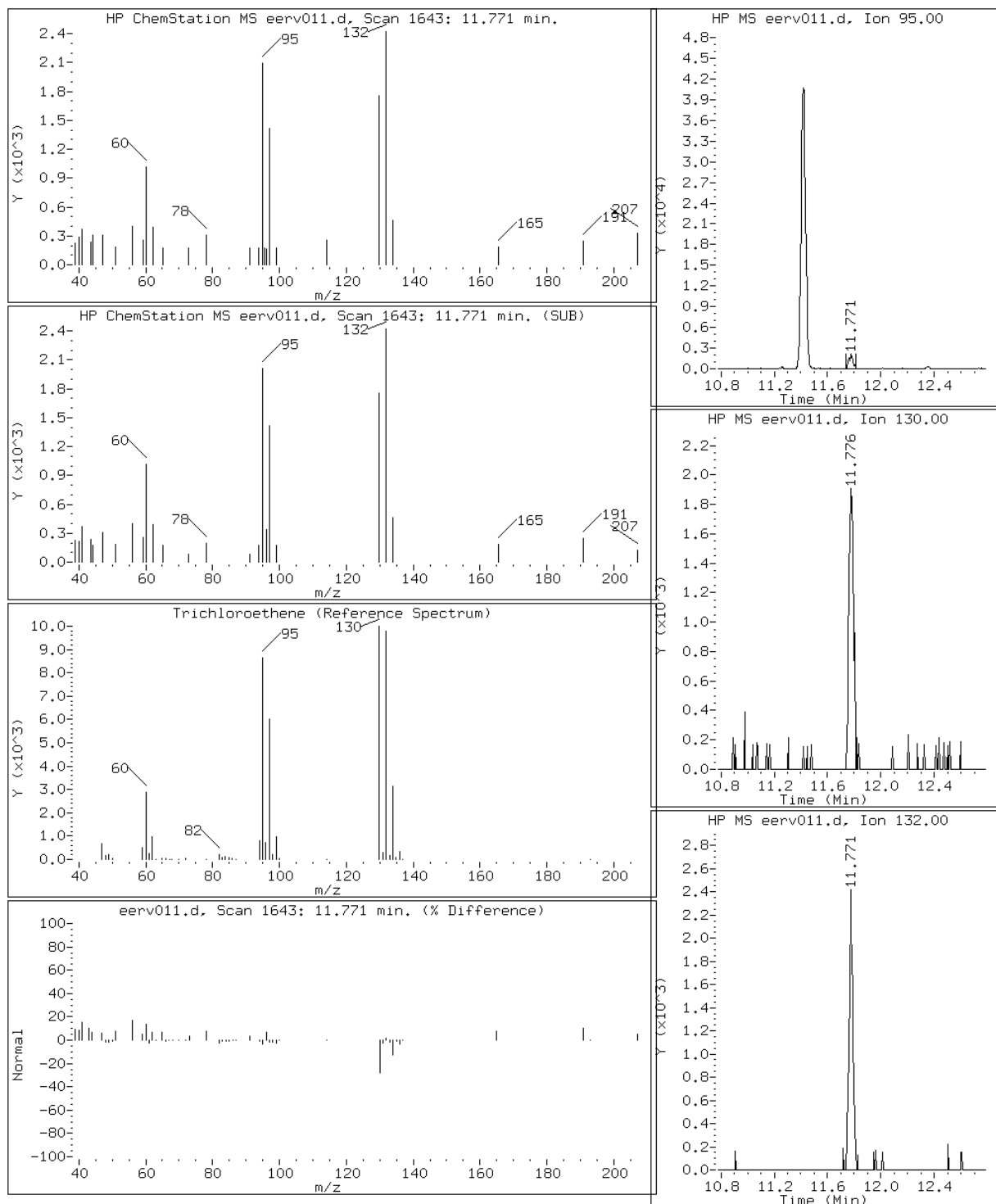
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

49 Trichloroethene



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

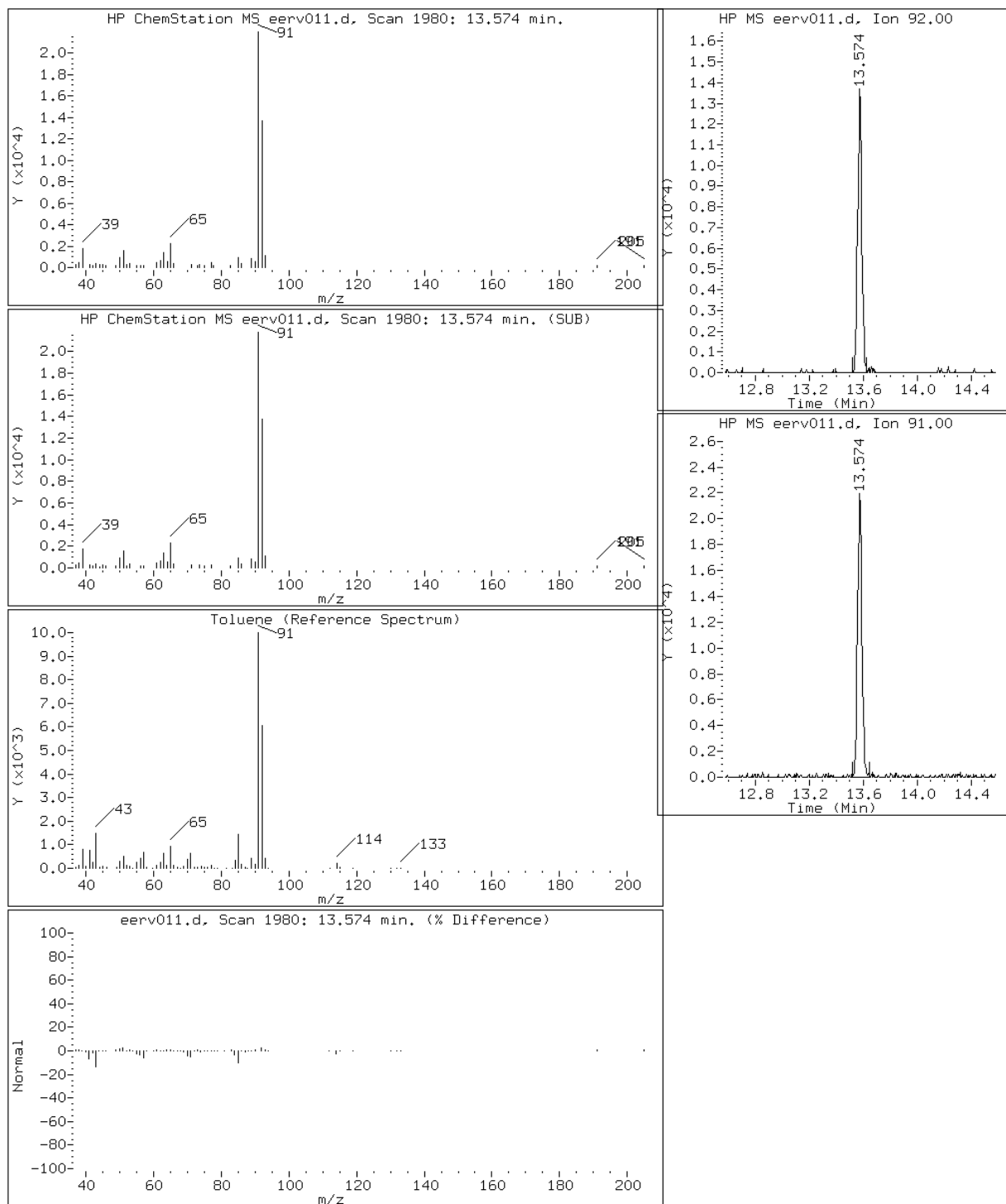
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

58 Toluene



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

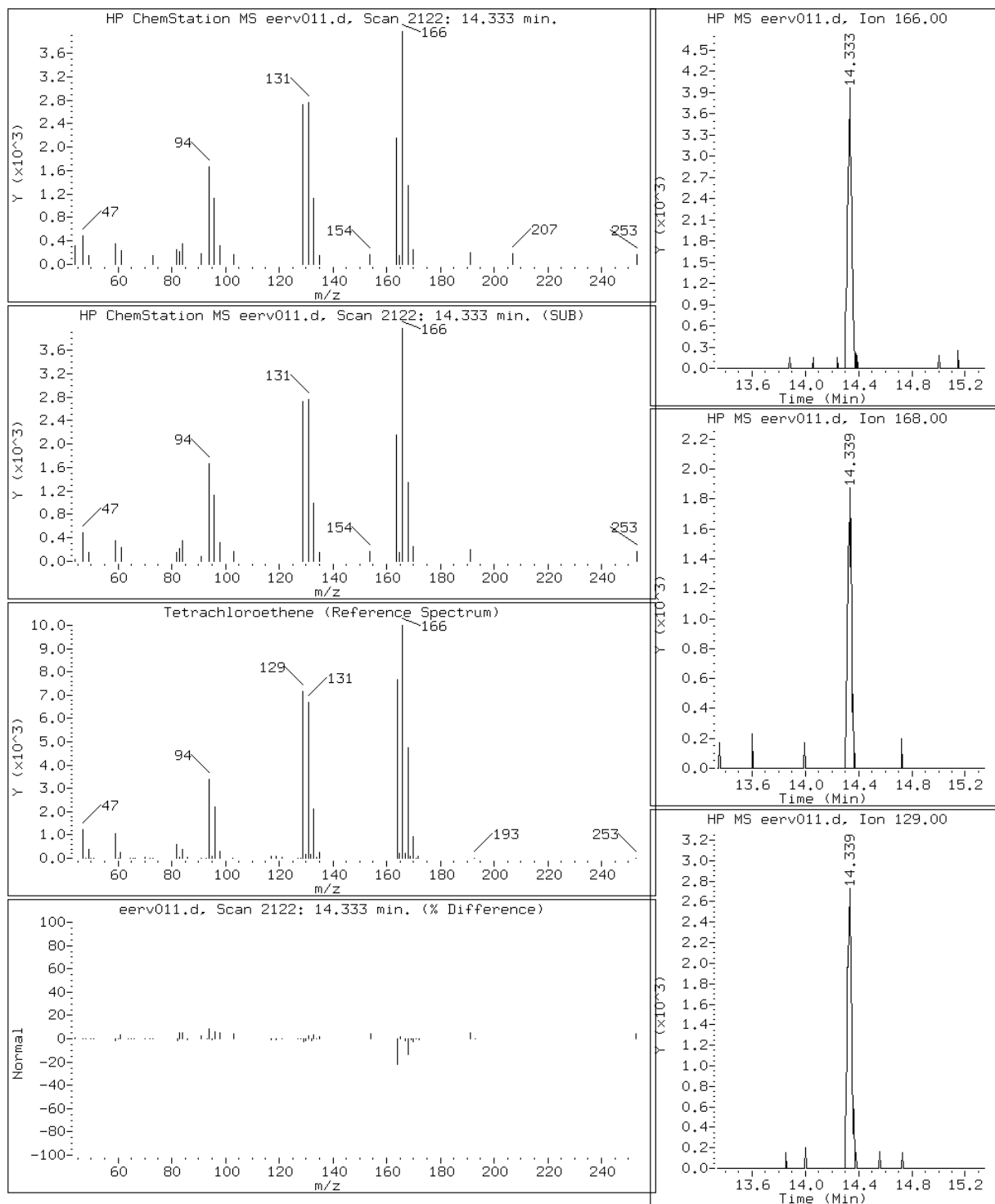
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

61 Tetrachloroethene



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

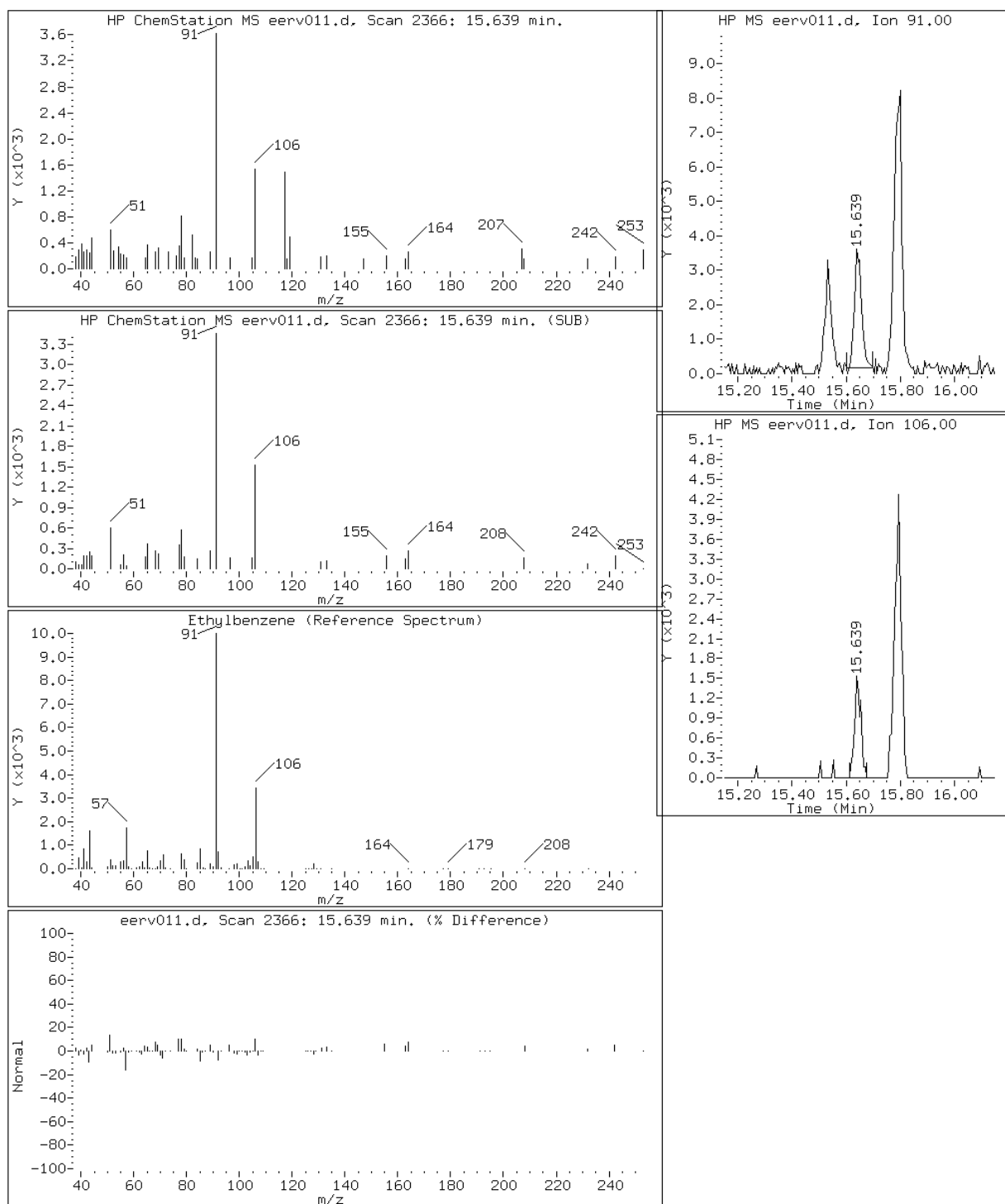
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

67 Ethylbenzene



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

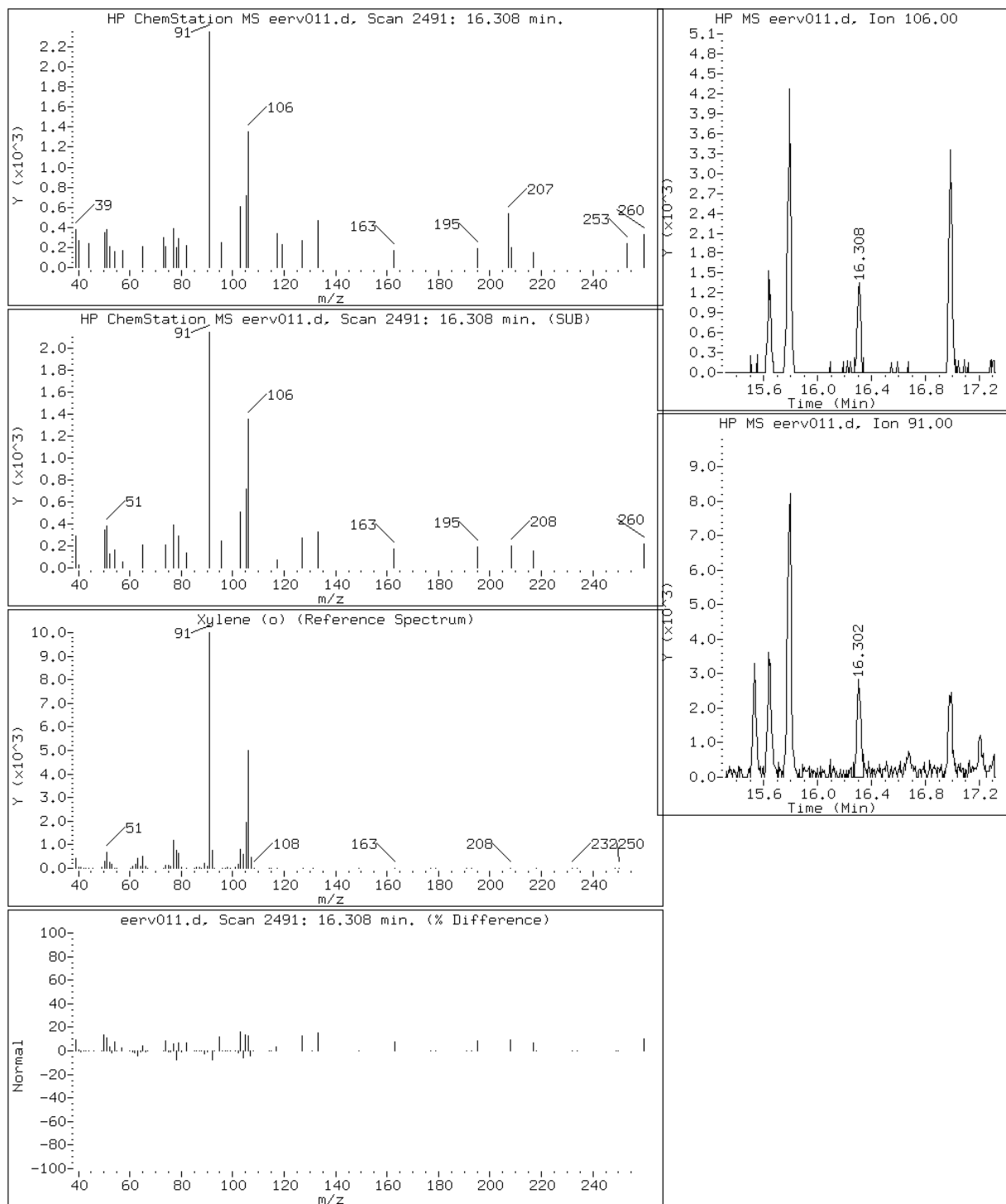
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

71 Xylene (o)



Data File: eerv011.d

Lab Sample ID: 200-9580-2

Date: 09-MAR-2012 00:05

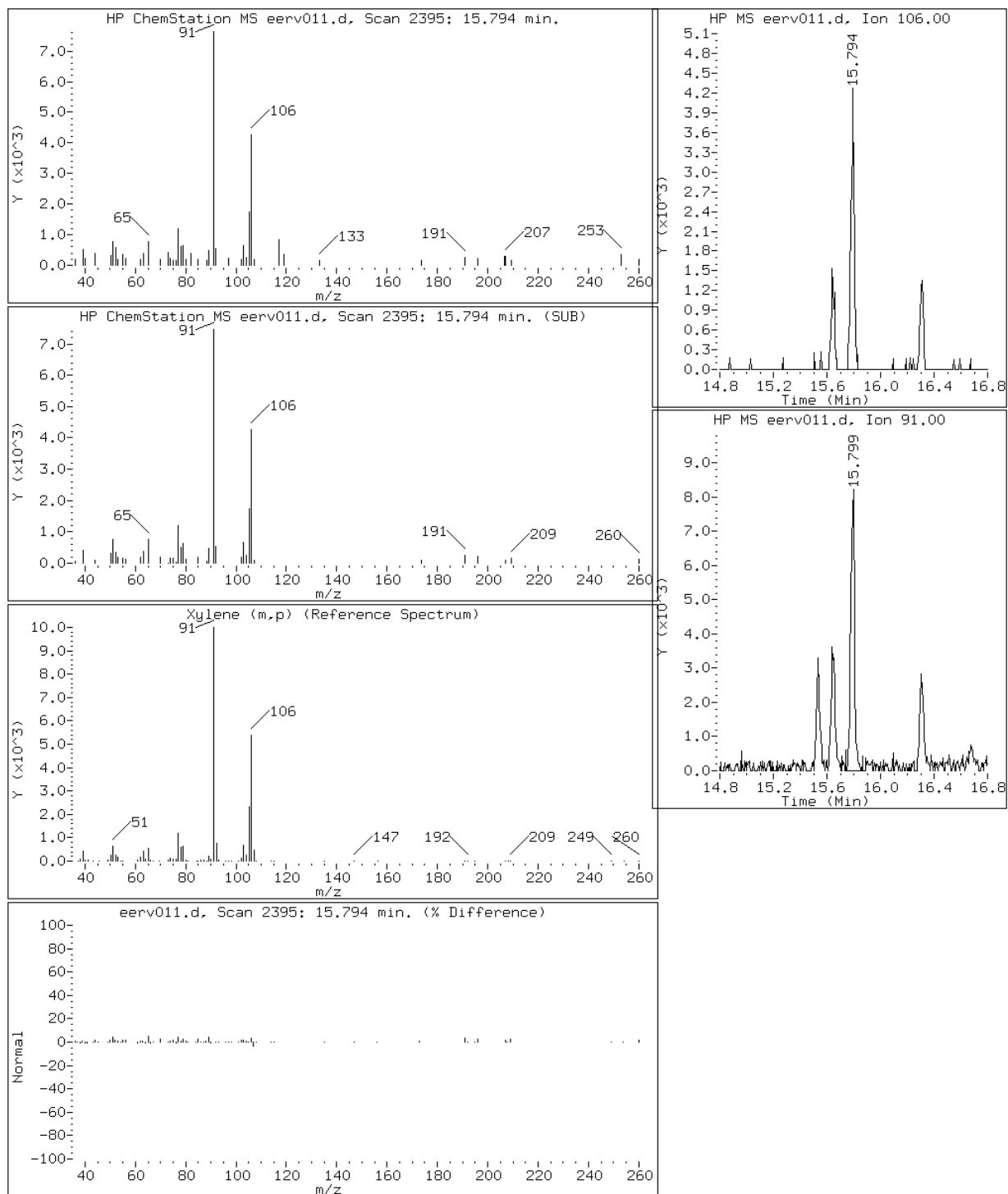
Client ID: IA-1

Instrument: E.i

Sample Info: 200-9580-A-2

Operator: wrd

69 Xylene (m,p)

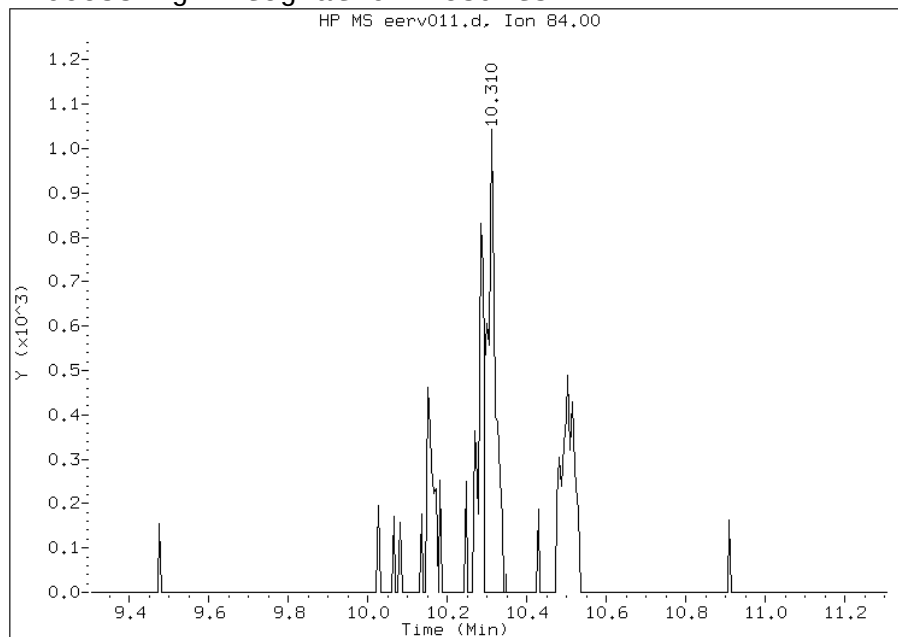


Manual Integration Report

Data File: eerv011.d
Lab Sample ID: 200-9580-2
Inj. Date and Time: 09-MAR-2012 00:05
Instrument ID: E.i
Client ID: IA-1
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 03/12/2012

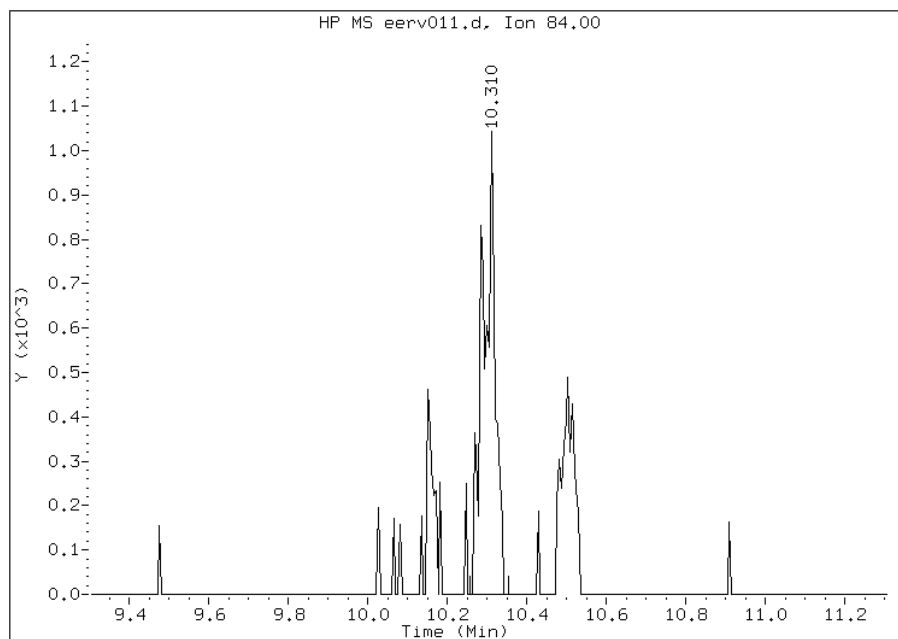
Processing Integration Results

RT: 10.31
Response: 1472
Amount: 0.005364
Conc: 0.021457



Manual Integration Results

RT: 10.31
Response: 2246
Amount: 0.008186
Conc: 0.032744



File Uploaded By: wrd
Manual Integration Reason: Baseline event

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

Lab Name: <u>TestAmerica Burlington</u>	Job No.: <u>200-9580-1</u>
SDG No.: <u>200-9580</u>	
Client Sample ID: <u>IA-2</u>	Lab Sample ID: <u>200-9580-4</u>
Matrix: <u>Air</u>	Lab File ID: <u>eerv012.d</u>
Analysis Method: <u>TO15 LL</u>	Date Collected: <u>02/29/2012 15:35</u>
Sample wt/vol: <u>125(mL)</u>	Date Analyzed: <u>03/09/2012 01:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>4</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>34777</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.51		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	0.31		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	0.52		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	0.045		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.066		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.040		0.040	0.040
71-43-2	Benzene	78.11	0.19		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	0.095		0.040	0.040
79-01-6	Trichloroethene	131.39	0.062		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	0.32		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	0.067		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
100-41-4	Ethylbenzene	106.17	0.042		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: IA-2 Lab Sample ID: 200-9580-4
Matrix: Air Lab File ID: eerv012.d
Analysis Method: TO15 LL Date Collected: 02/29/2012 15:35
Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 01:00
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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	0.12		0.040	0.040
1330-20-7	Xylenes, Total	106.17	0.16		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-2 Lab Sample ID: 200-9580-4
 Matrix: Air Lab File ID: eerv012.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 15:35
 Sample wt/vol: 125(mL) Date Analyzed: 03/09/2012 01:00
 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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		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	1.8		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	1.8		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	0.16		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	0.19		0.19	0.19
71-43-2	Benzene	78.11	0.61		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	0.39		0.16	0.16
79-01-6	Trichloroethene	131.39	0.33		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	1.2		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	0.45		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
100-41-4	Ethylbenzene	106.17	0.18		0.17	0.17

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: IA-2 Lab Sample ID: 200-9580-4
Matrix: Air Lab File ID: eerv012.d
Analysis Method: TO15 LL Date Collected: 02/29/2012 15:35
Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 01:00
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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	0.52		0.17	0.17
1330-20-7	Xylenes, Total	106.17	0.69		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-4
 Client Smp ID: IA-2
 Inj Date : 09-MAR-2012 01:00
 Operator : wrd
 Smp Info : 200-9580-A-4
 Misc Info : 125,4,to1511
 Comment :
 Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
 Meth Date : 08-Mar-2012 16:39 wrd
 Cal Date : 05-JAN-2012 02:54
 Als bottle: 12
 Dil Factor: 4.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: E.i
 Quant Type: ISTD
 Cal File: eer012.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	3.174	3.174	(0.318)	63106	0.12805	0.51
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	5.132	5.138	(0.515)	57307	0.07871	0.31
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.255	6.282	(0.627)	8710	0.01835	0.073(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.422	7.433	(0.744)	7645	0.04309	0.17(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

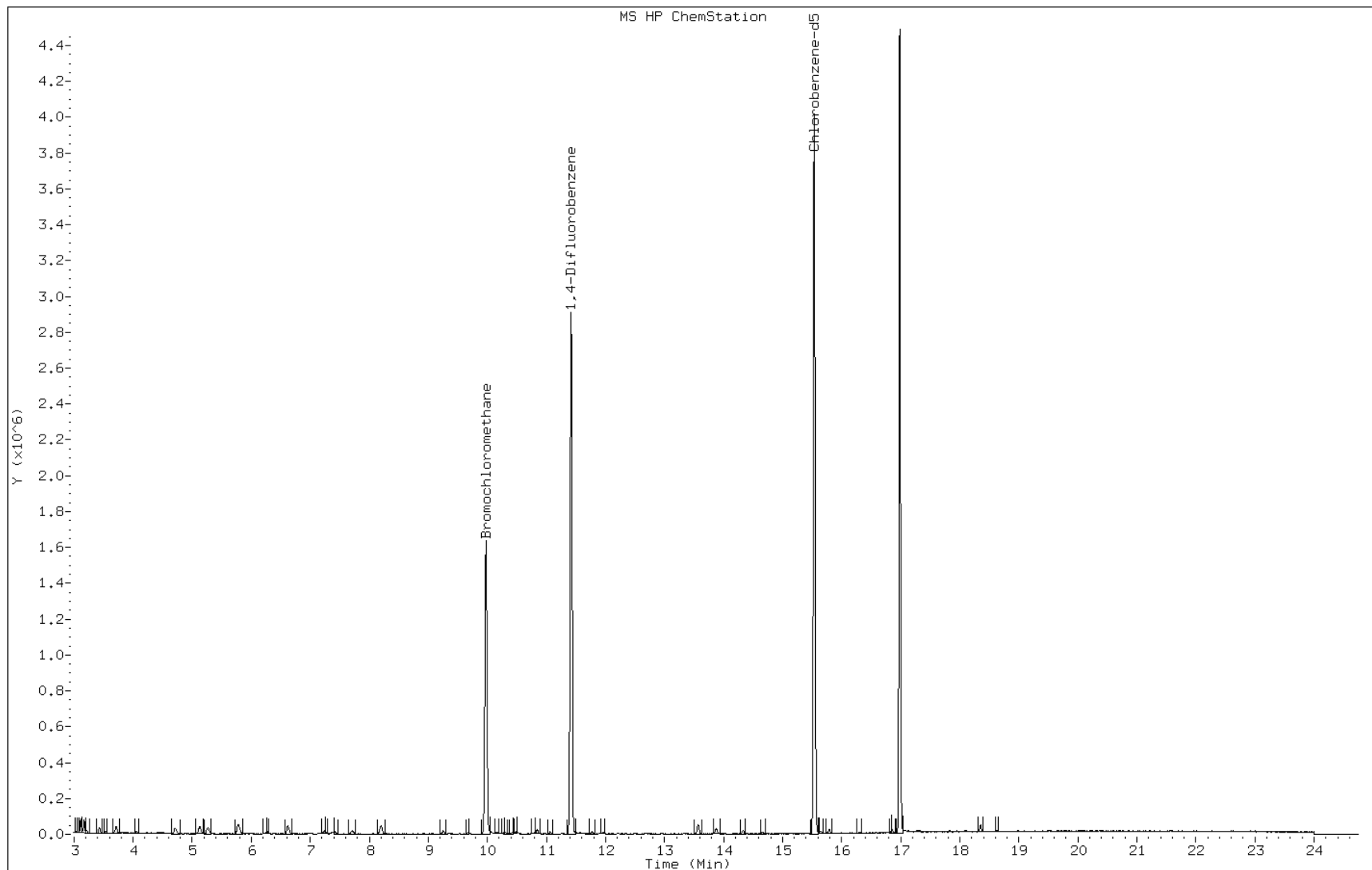
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.203	8.203	(0.822)	32300	0.12893	0.52
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.973	9.990	(1.000)	682763	2.00000	
39 Chloroform	83	10.064	10.075	(1.009)	4218	0.00850	0.034(a)
40 Cyclohexane	84	10.311	10.305	(0.903)	3257	0.01132	0.045(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.498	10.514	(0.919)	11417	0.01641	0.066
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.946)	7269	0.01001	0.040(Q)
44 Benzene	78	10.845	10.851	(0.950)	25794	0.04753	0.19
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.065	11.076	(0.969)	5300	0.02387	0.095
* 47 1,4-Difluorobenzene	114	11.418	11.429	(1.000)	3203446	2.00000	
49 Trichloroethene	95	11.776	11.782	(1.031)	4622	0.01542	0.062
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	13.569	13.579	(0.874)	28165	0.07912	0.32
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.334	14.344	(0.923)	7899	0.01669	0.067
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2869035	2.00000	
67 Ethylbenzene	91	15.644	15.650	(1.007)	7093	0.01053	0.042
69 Xylene (m,p)	106	15.789	15.799	(1.017)	6992	0.02999	0.12
M 70 Xylene, Total	106				9124	0.03956	0.16
71 Xylene (o)	106	16.302	16.318	(1.050)	2132	0.00957	0.038(aQ)
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).
- Q - Qualifier signal failed the ratio test.

Data File: eerv012.d
Client ID: IA-2
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-4
Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

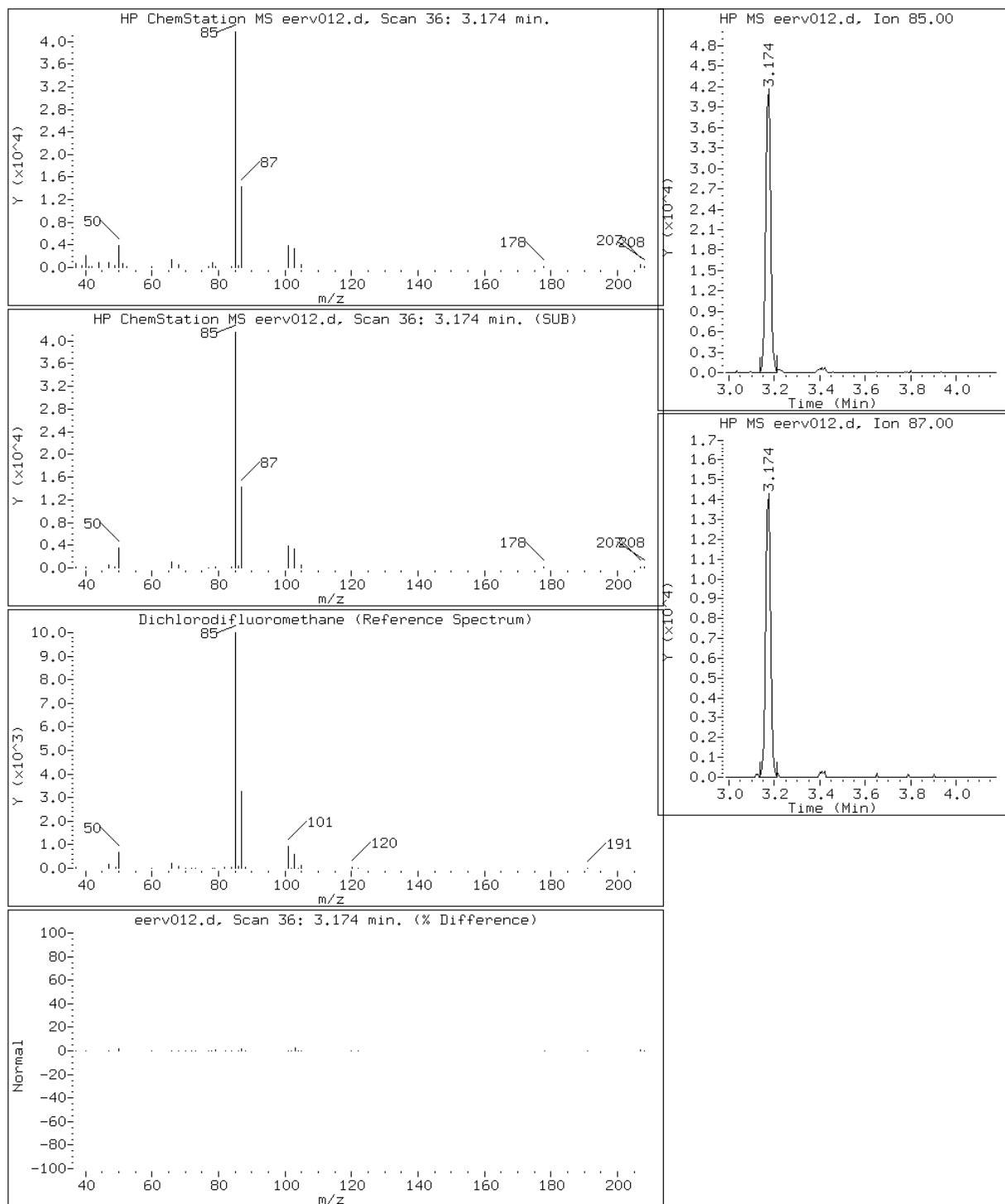
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

2 Dichlorodifluoromethane



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

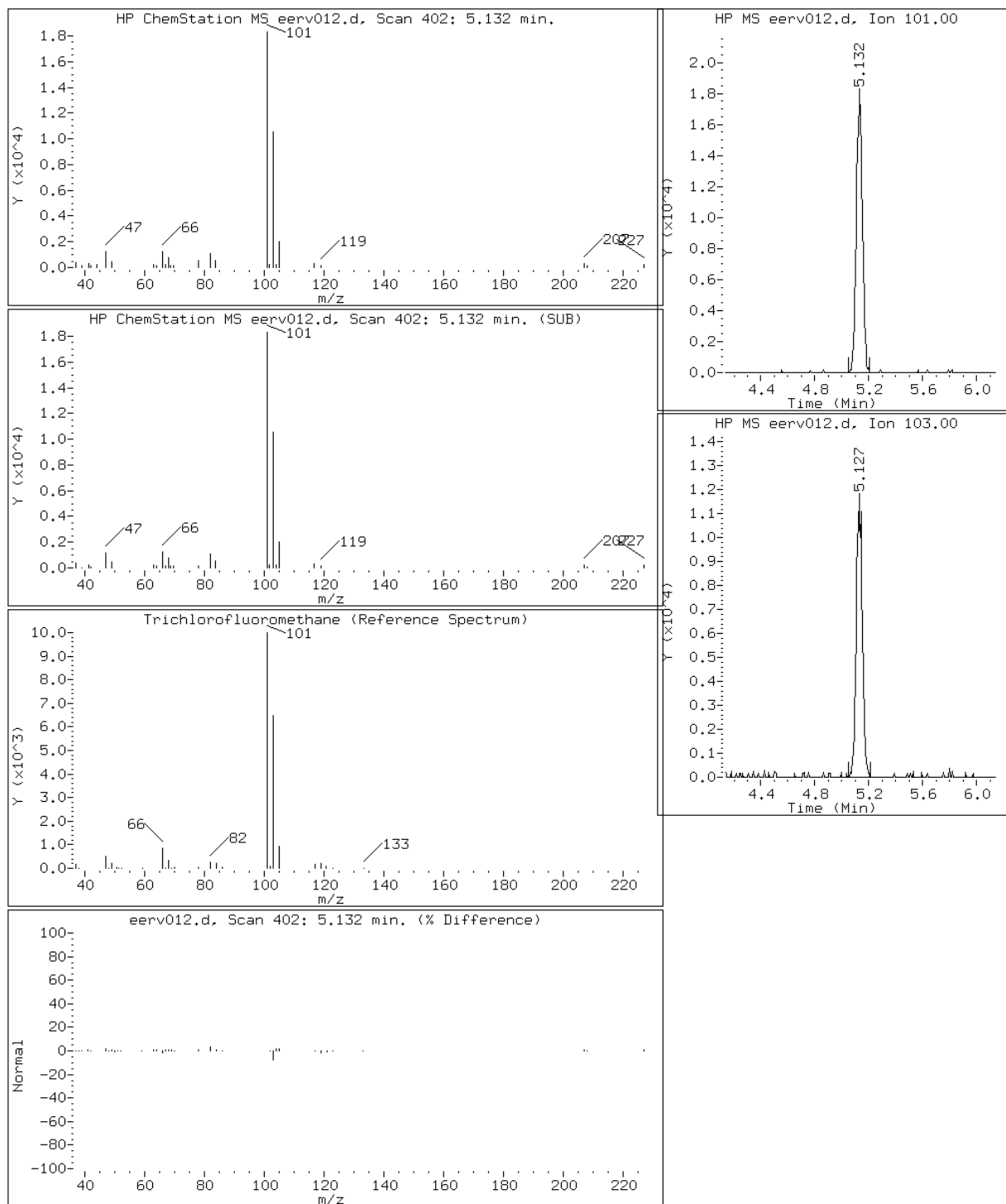
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

13 Trichlorofluoromethane



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

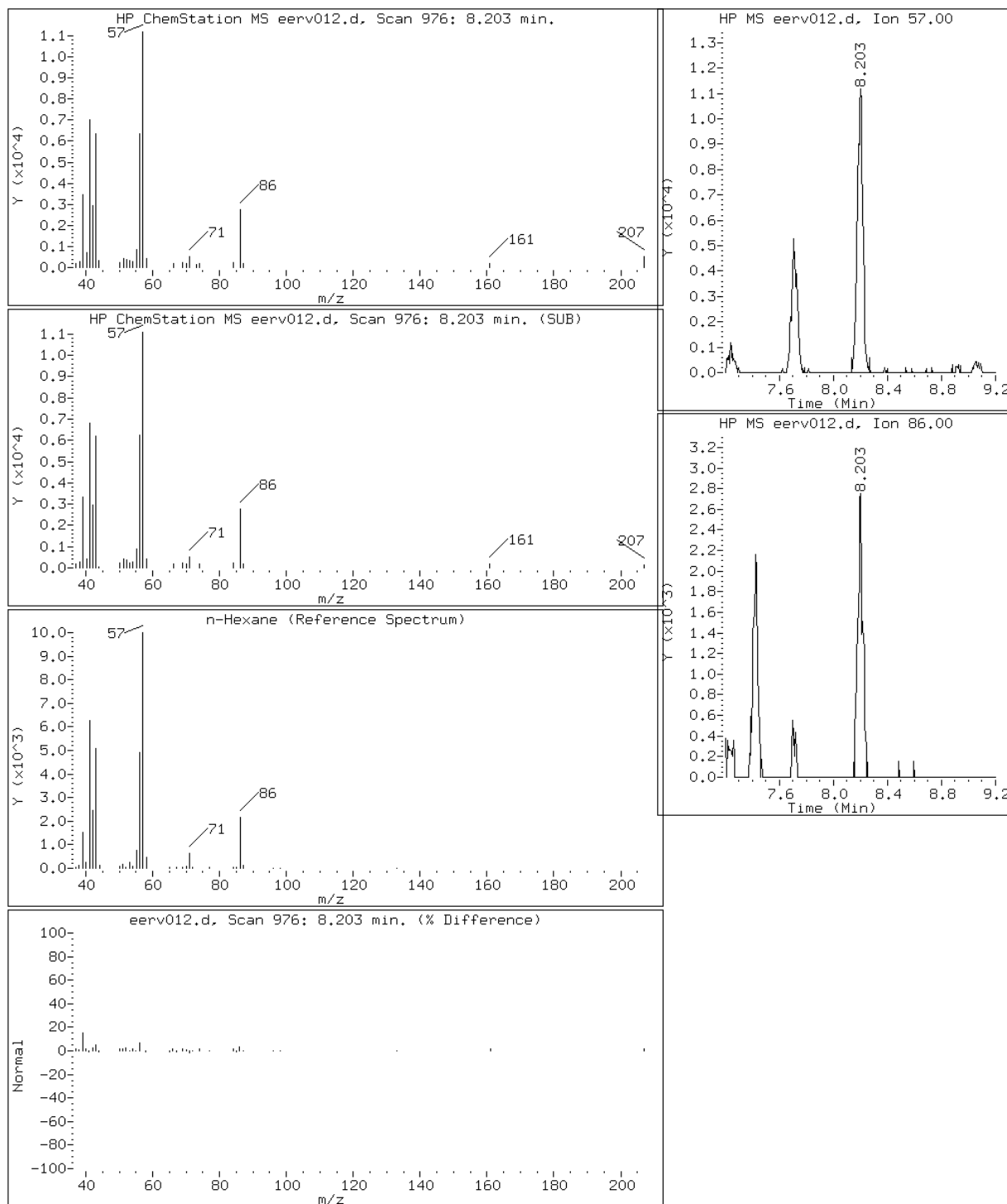
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

30 n-Hexane



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

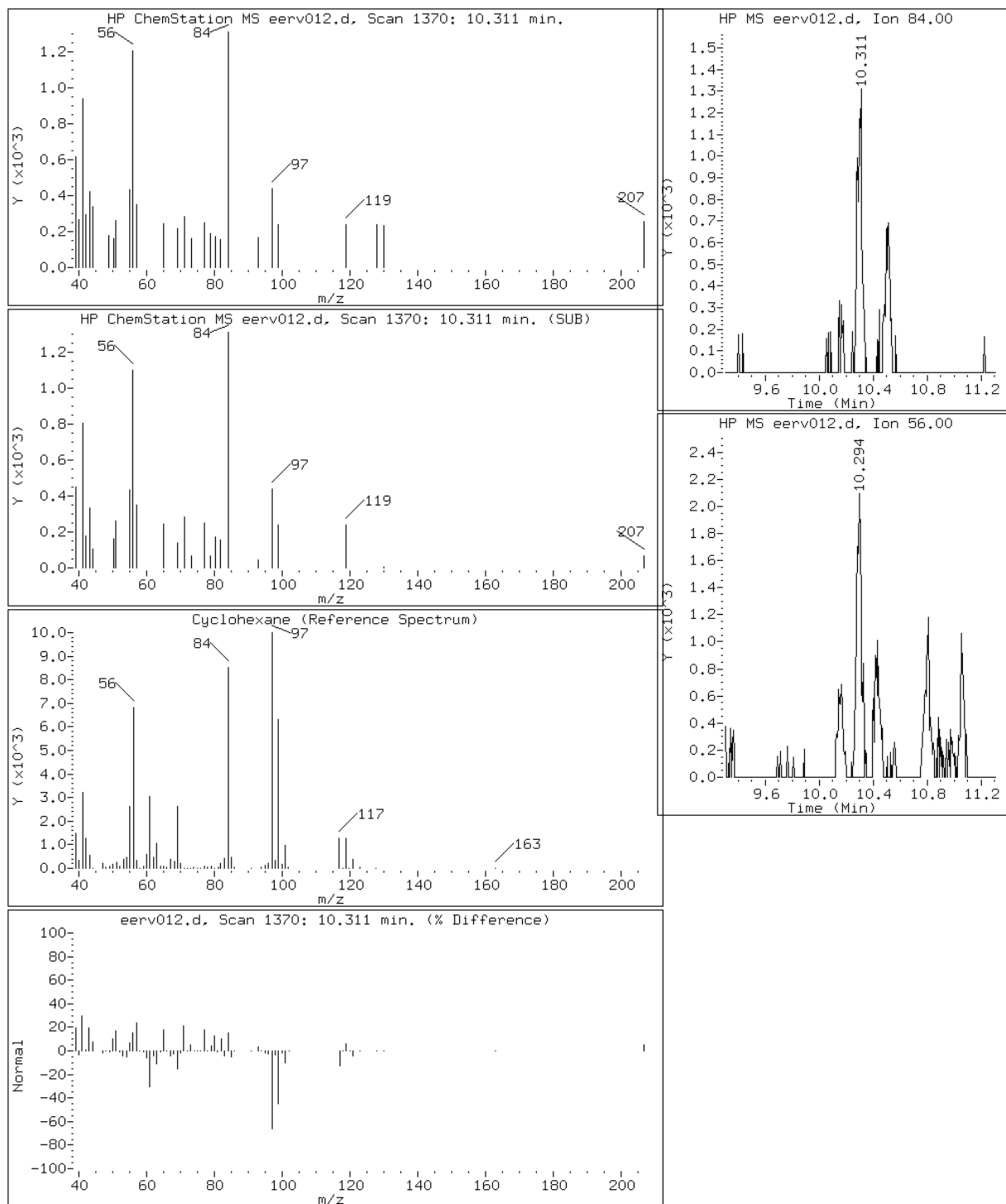
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

40 Cyclohexane



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

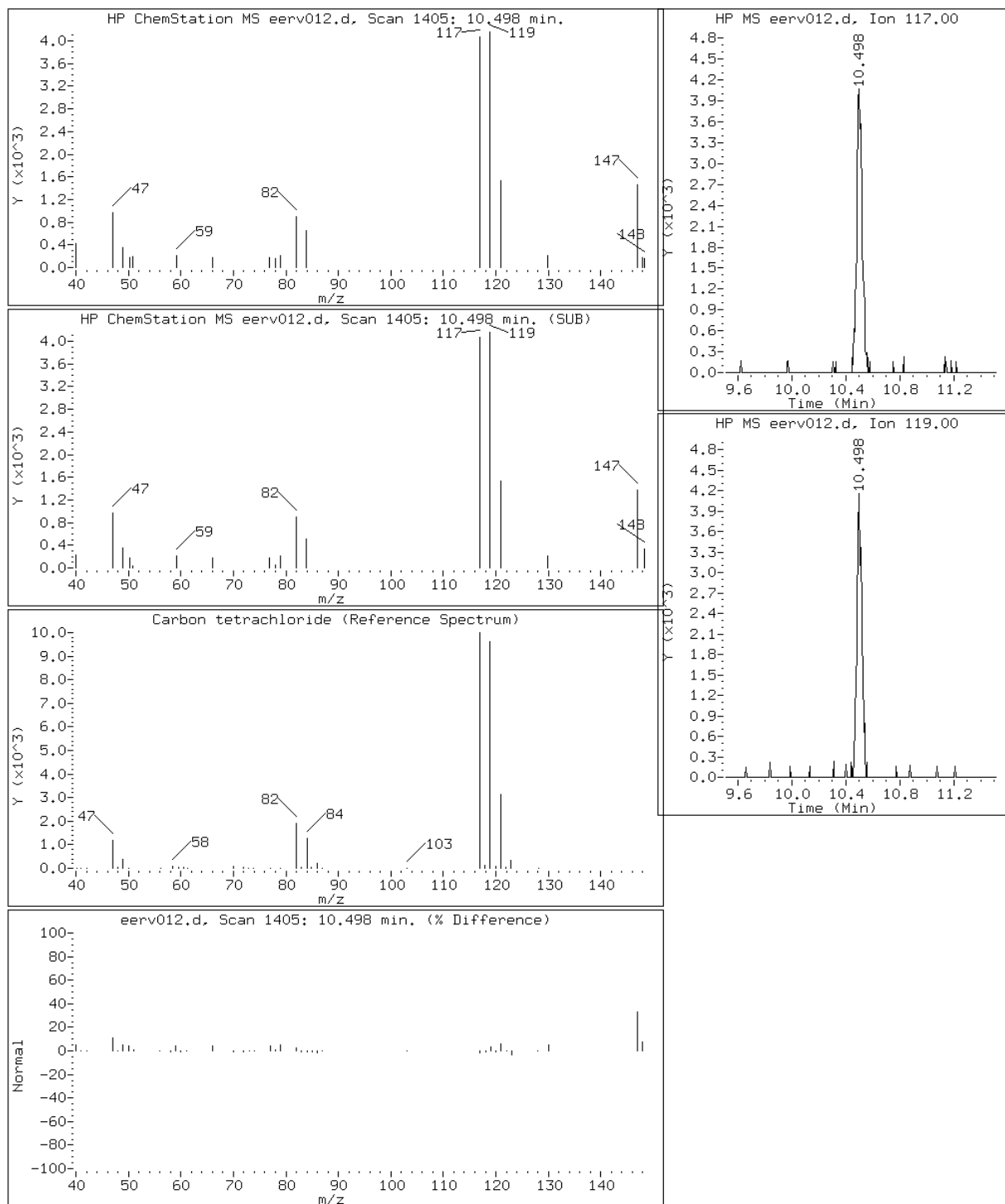
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

42 Carbon tetrachloride



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

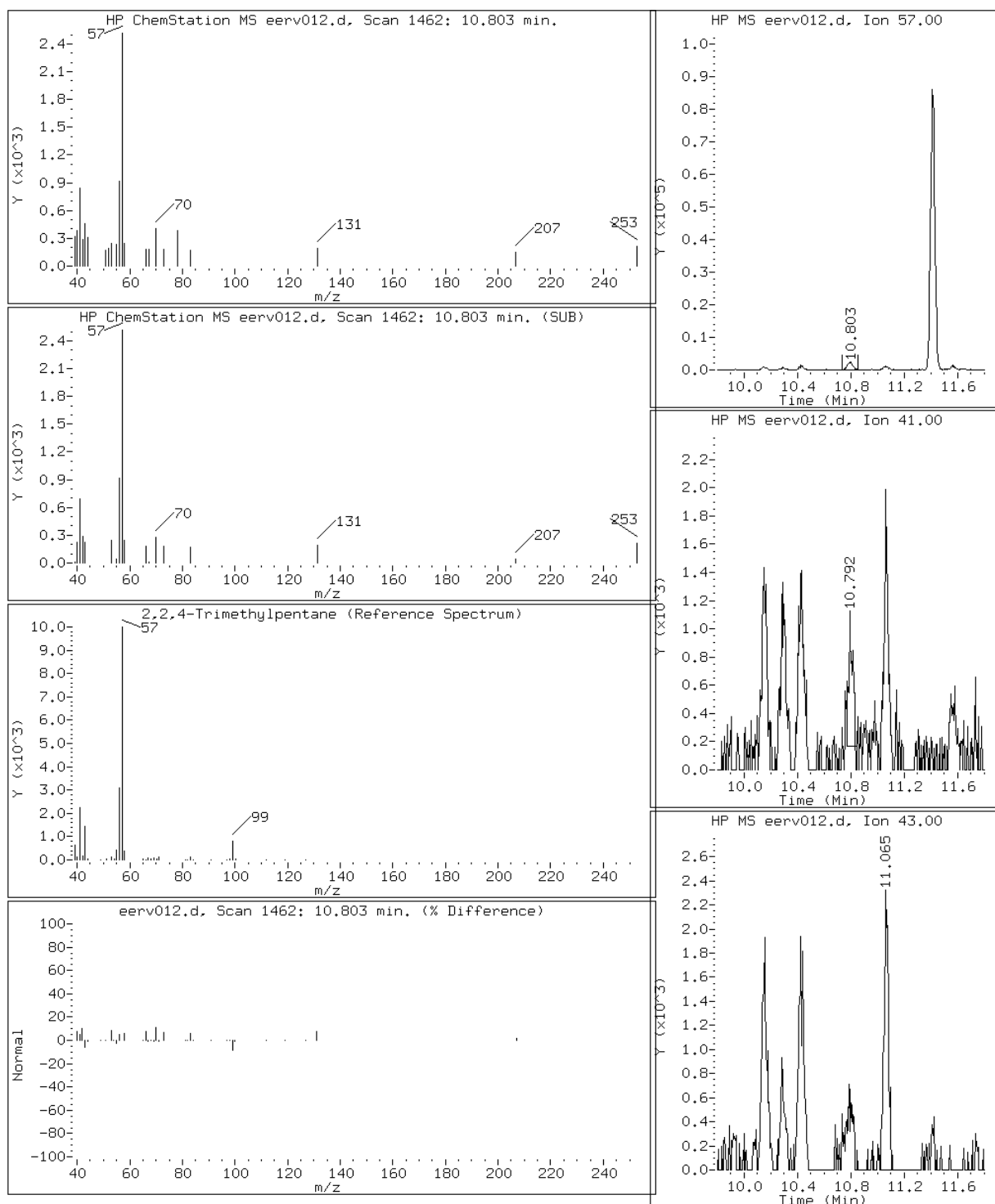
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

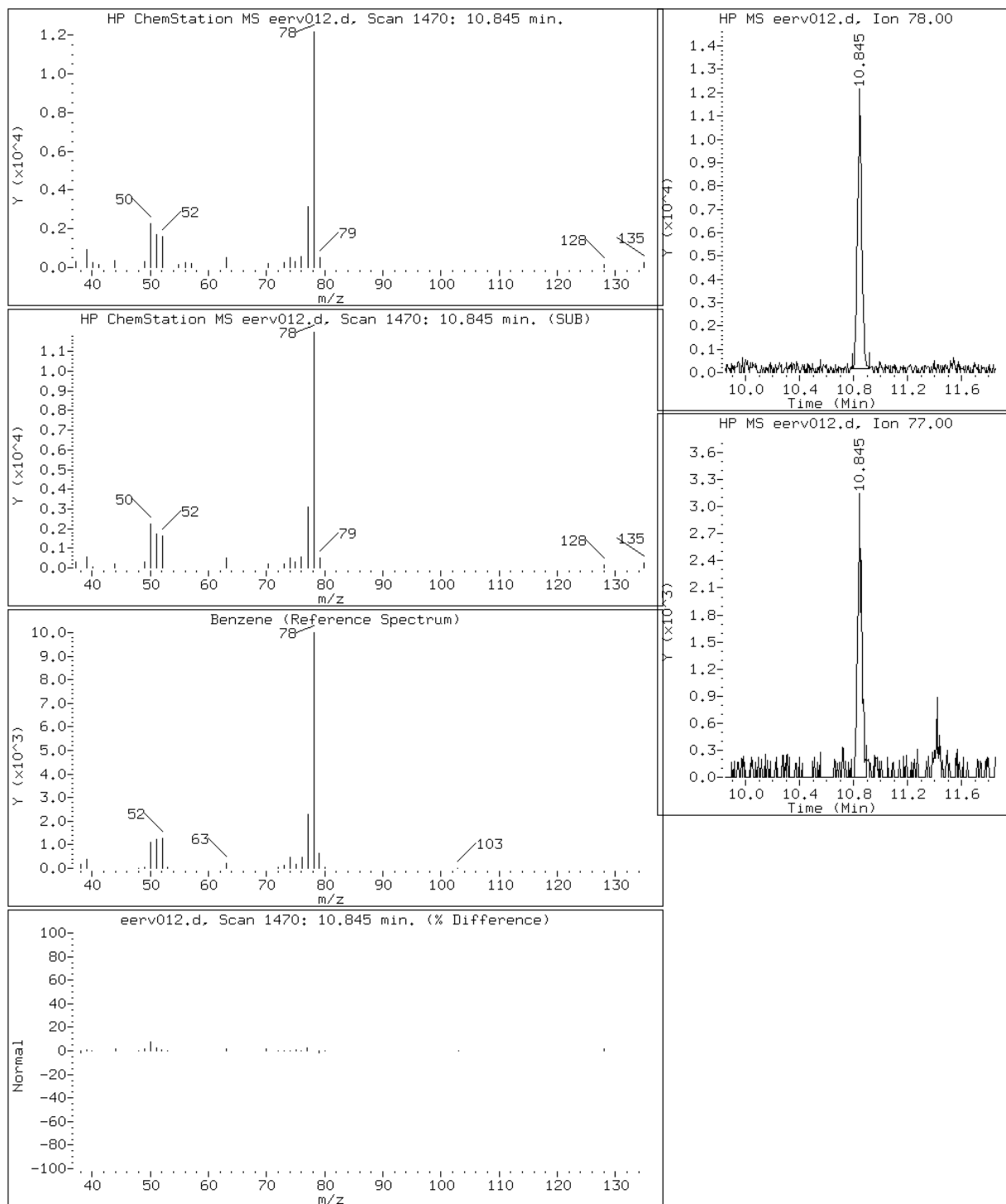
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

44 Benzene



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

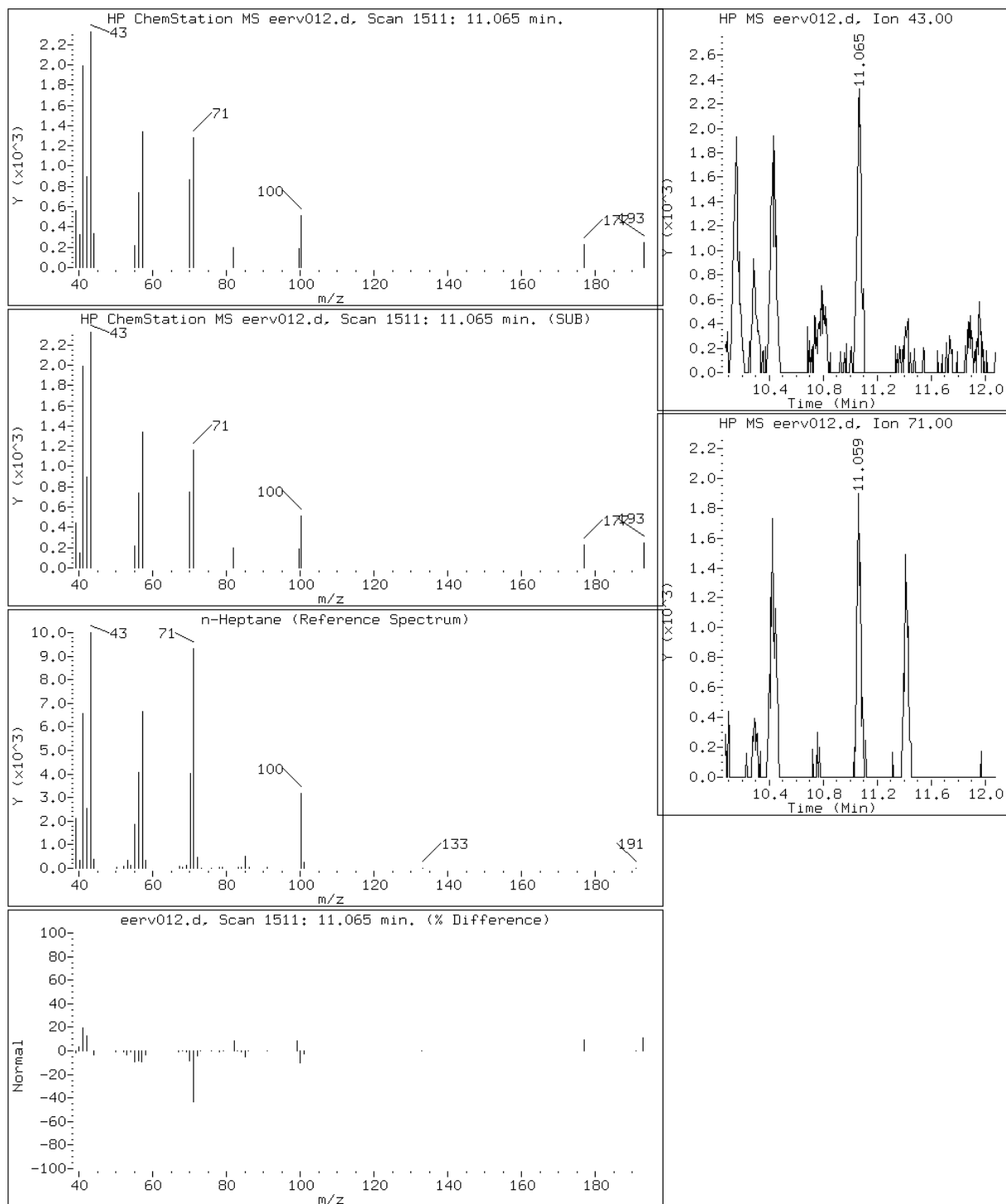
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

46 n-Heptane



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

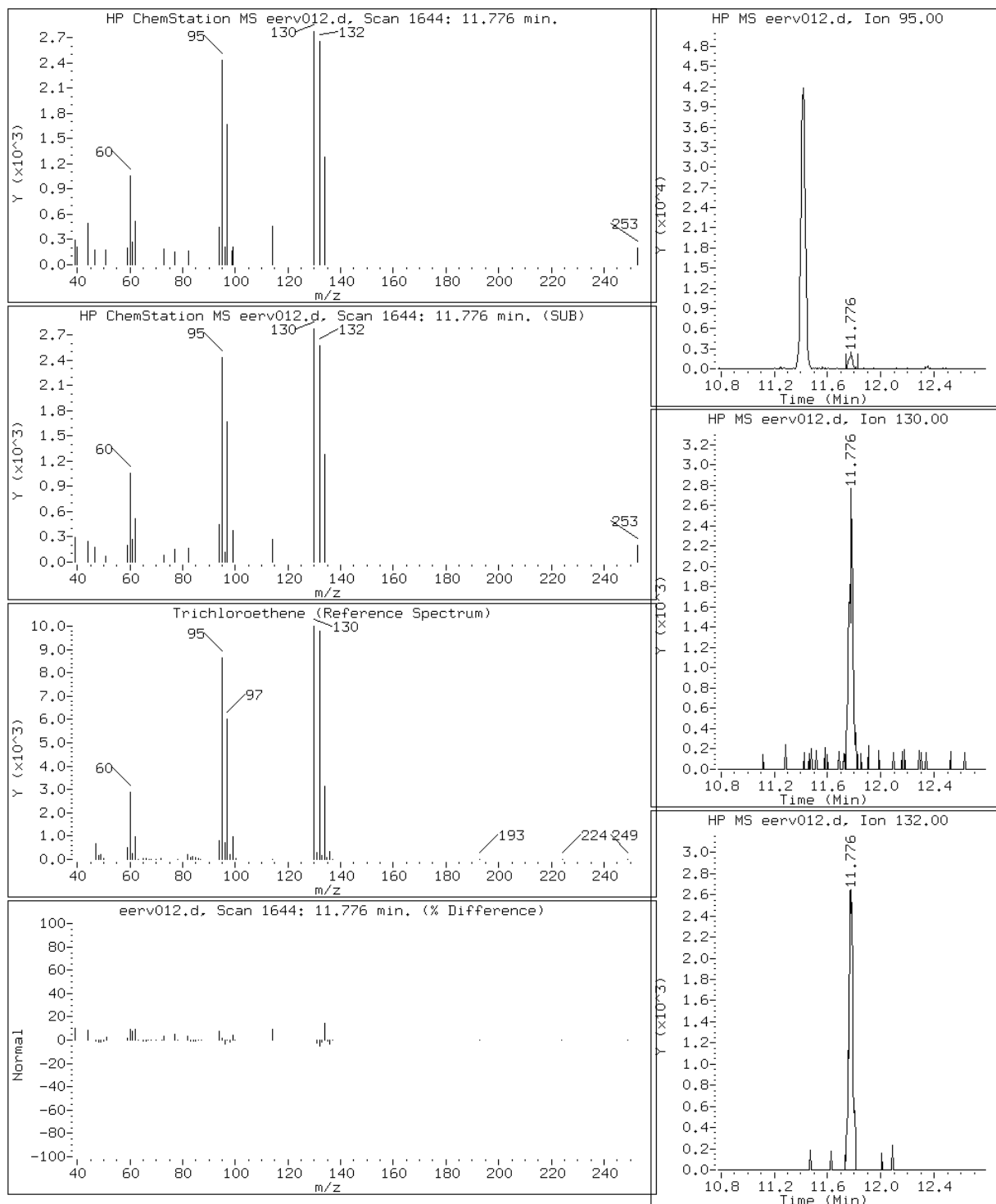
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

49 Trichloroethene



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

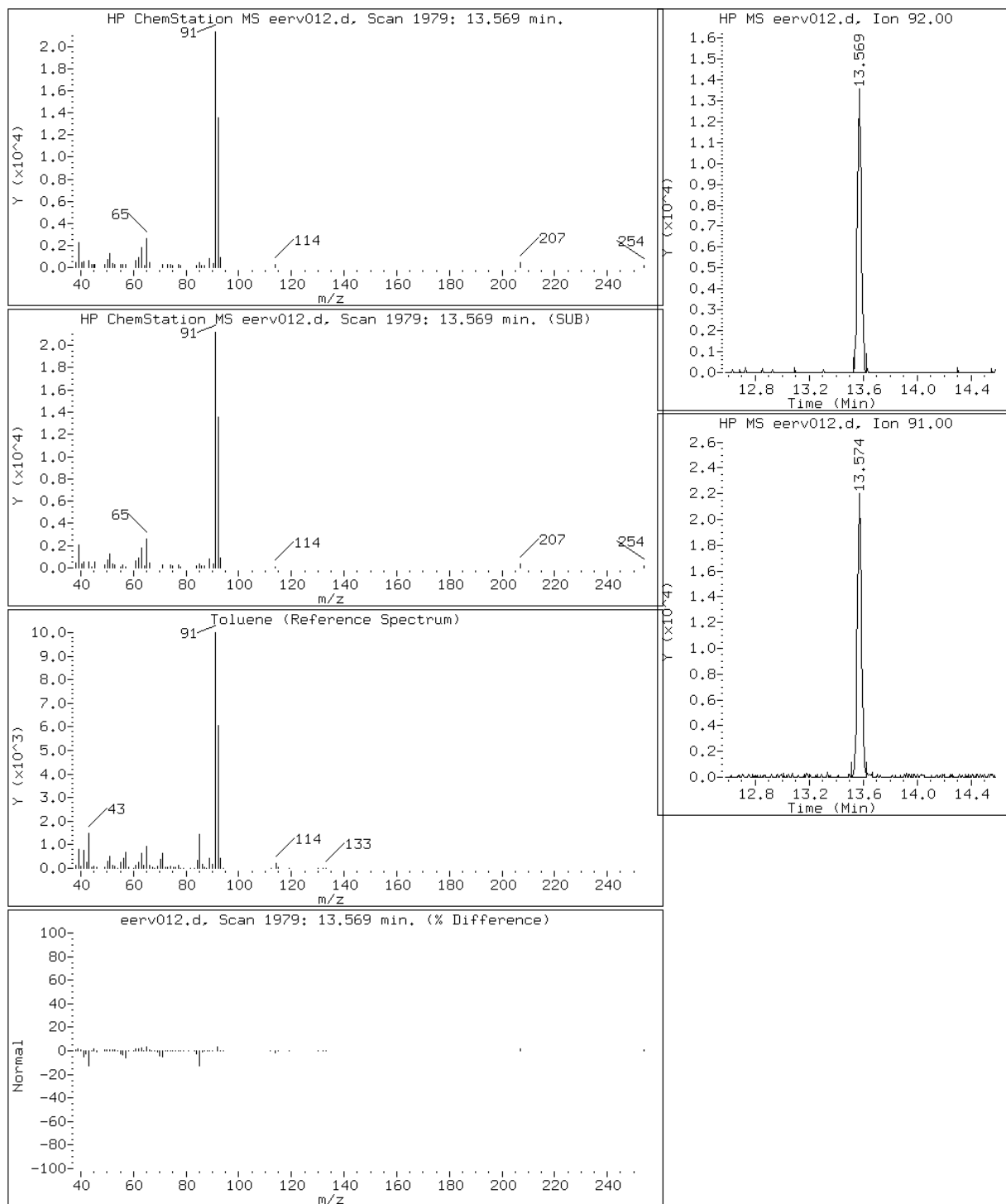
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

58 Toluene



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

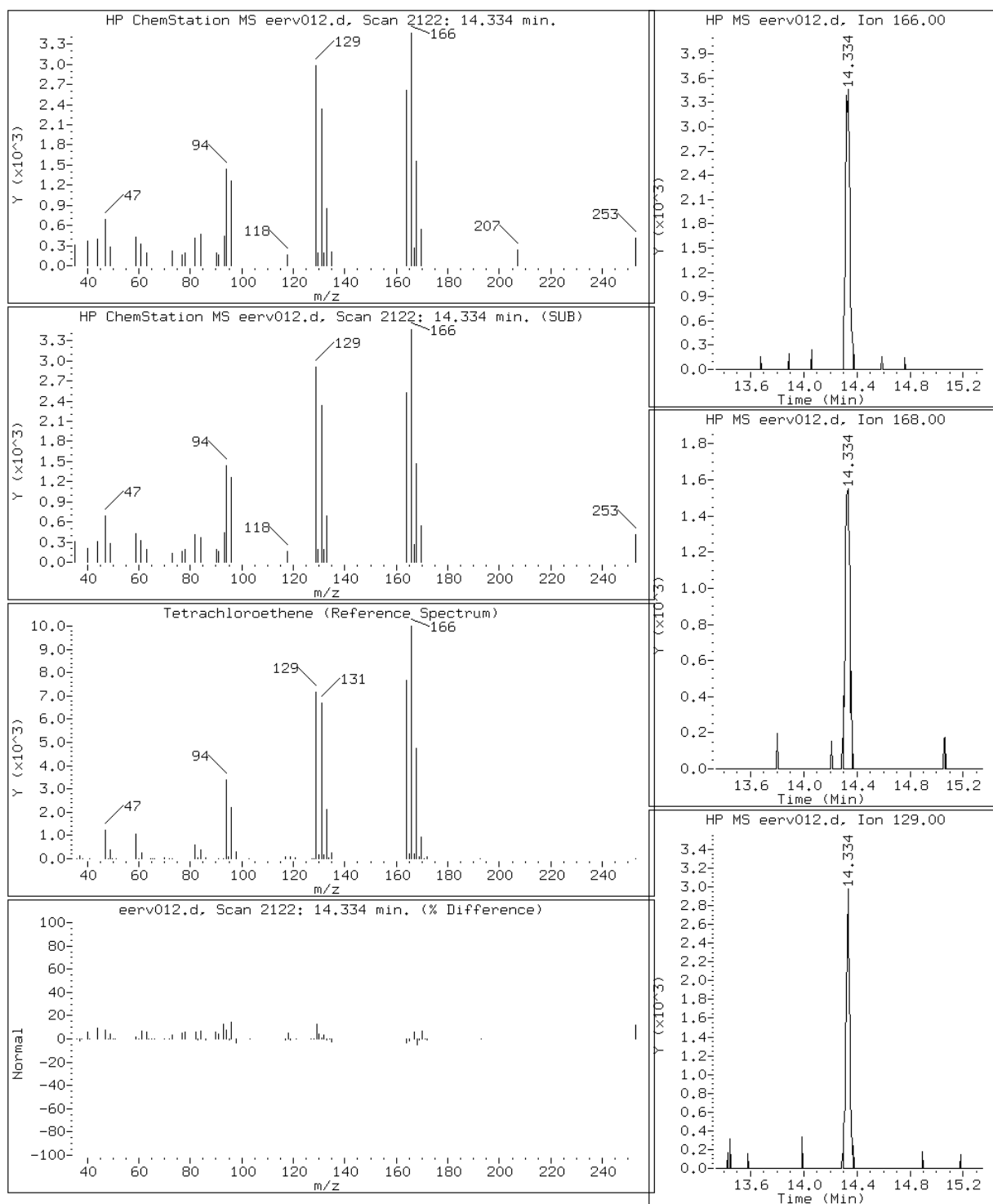
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

61 Tetrachloroethene



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

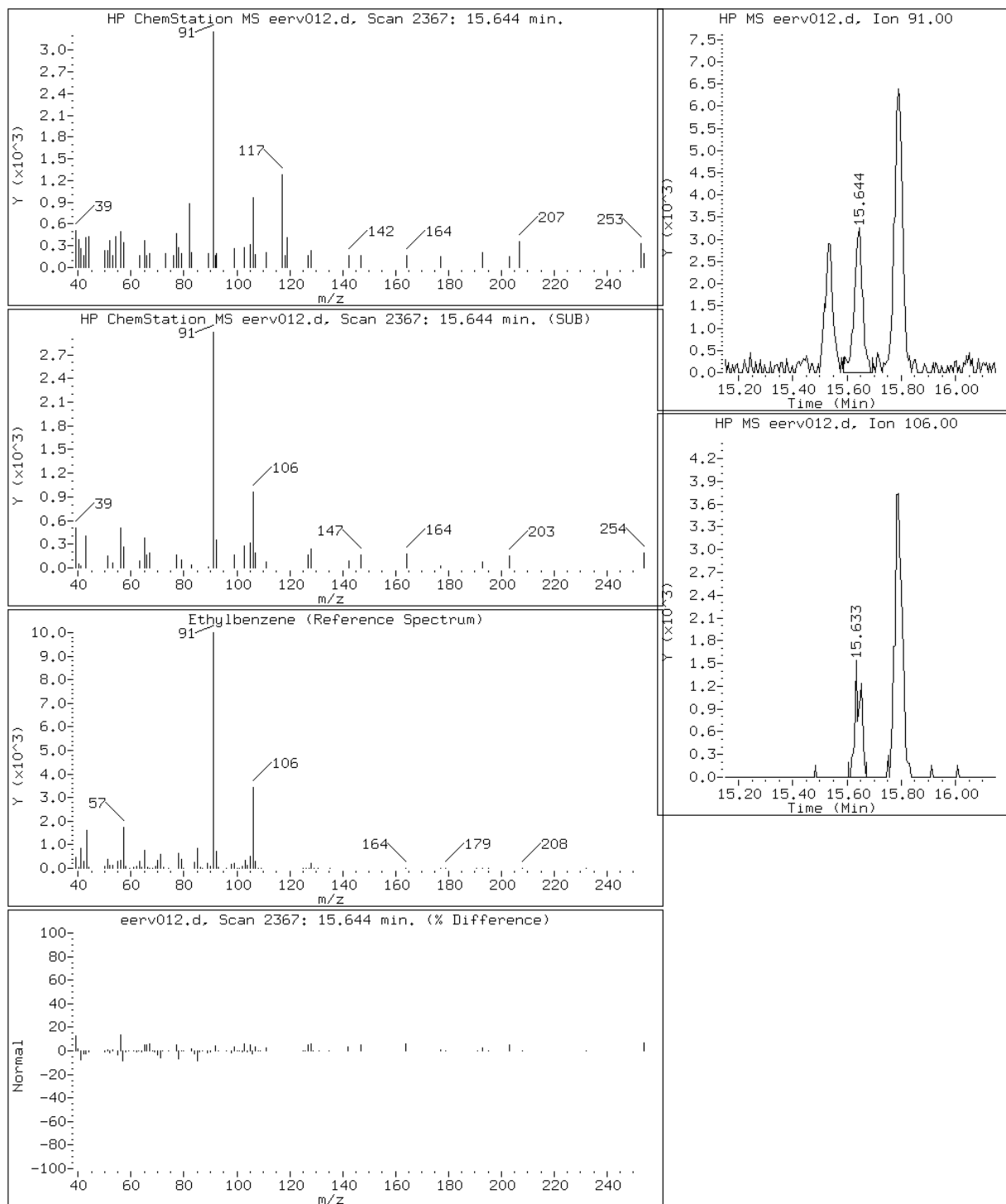
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

67 Ethylbenzene



Data File: eerv012.d

Lab Sample ID: 200-9580-4

Date: 09-MAR-2012 01:00

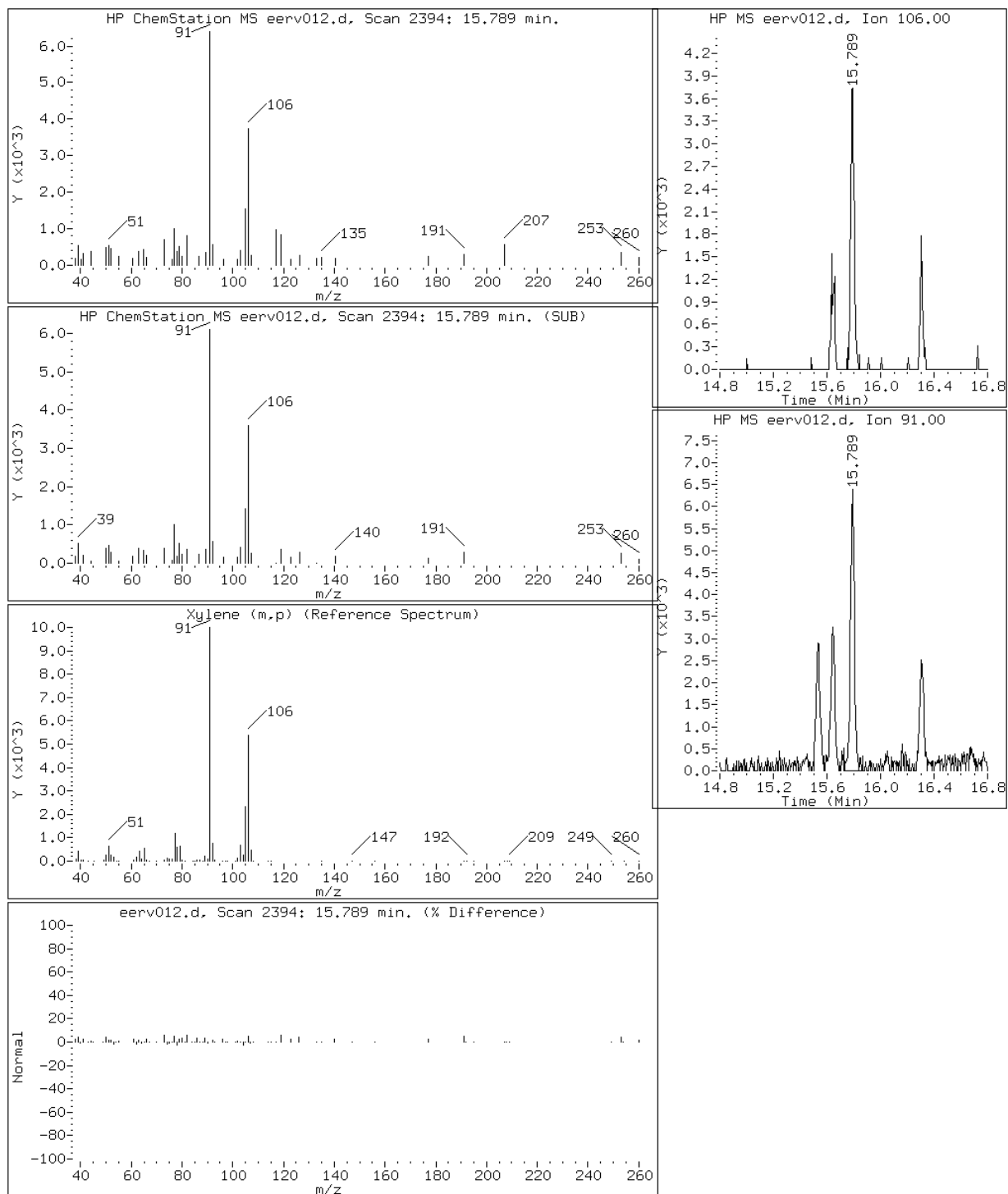
Client ID: IA-2

Instrument: E.i

Sample Info: 200-9580-A-4

Operator: wrd

69 Xylene (m,p)



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

Lab Name: <u>TestAmerica Burlington</u>	Job No.: <u>200-9580-1</u>
SDG No.: <u>200-9580</u>	
Client Sample ID: <u>IA-3</u>	Lab Sample ID: <u>200-9580-6</u>
Matrix: <u>Air</u>	Lab File ID: <u>eerv013.d</u>
Analysis Method: <u>TO15 LL</u>	Date Collected: <u>02/29/2012 17:00</u>
Sample wt/vol: <u>125(mL)</u>	Date Analyzed: <u>03/09/2012 01:55</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>4</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>34777</u>	Units: <u>ppb v/v</u>

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	0.30		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	0.54		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	0.061		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	0.18		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		0.040	0.040
79-01-6	Trichloroethene	131.39	0.060		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	0.061		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	0.043		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
100-41-4	Ethylbenzene	106.17	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: IA-3 Lab Sample ID: 200-9580-6
Matrix: Air Lab File ID: eerv013.d
Analysis Method: TO15 LL Date Collected: 02/29/2012 17:00
Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 01:55
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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	0.040	U	0.040	0.040
1330-20-7	Xylenes, Total	106.17	0.040	U	0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-3 Lab Sample ID: 200-9580-6
 Matrix: Air Lab File ID: eerv013.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 17:00
 Sample wt/vol: 125(mL) Date Analyzed: 03/09/2012 01:55
 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.: 34777 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	1.7		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	1.9		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	0.38		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	0.57		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		0.16	0.16
79-01-6	Trichloroethene	131.39	0.32		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	0.23		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	0.29		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
100-41-4	Ethylbenzene	106.17	0.17	U	0.17	0.17

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: IA-3 Lab Sample ID: 200-9580-6
 Matrix: Air Lab File ID: eerv013.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 17:00
 Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 01:55
 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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	0.17	U	0.17	0.17
1330-20-7	Xylenes, Total	106.17	0.17	U	0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-6
Client Smp ID: IA-3
Inj Date : 09-MAR-2012 01:55
Operator : wrd
Smp Info : 200-9580-A-6
Misc Info : 125,4,to1511
Comment :
Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
Meth Date : 08-Mar-2012 16:39 wrd
Cal Date : 05-JAN-2012 02:54
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: eer012.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	3.174	3.174	(0.318)	57722	0.12254	0.49
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	3.821	3.827	(0.383)	653	0.00739	0.030(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.121	5.138	(0.513)	51485	0.07398	0.30
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	8766	0.01932	0.077(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.416	7.433	(0.743)	9021	0.05320	0.21(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

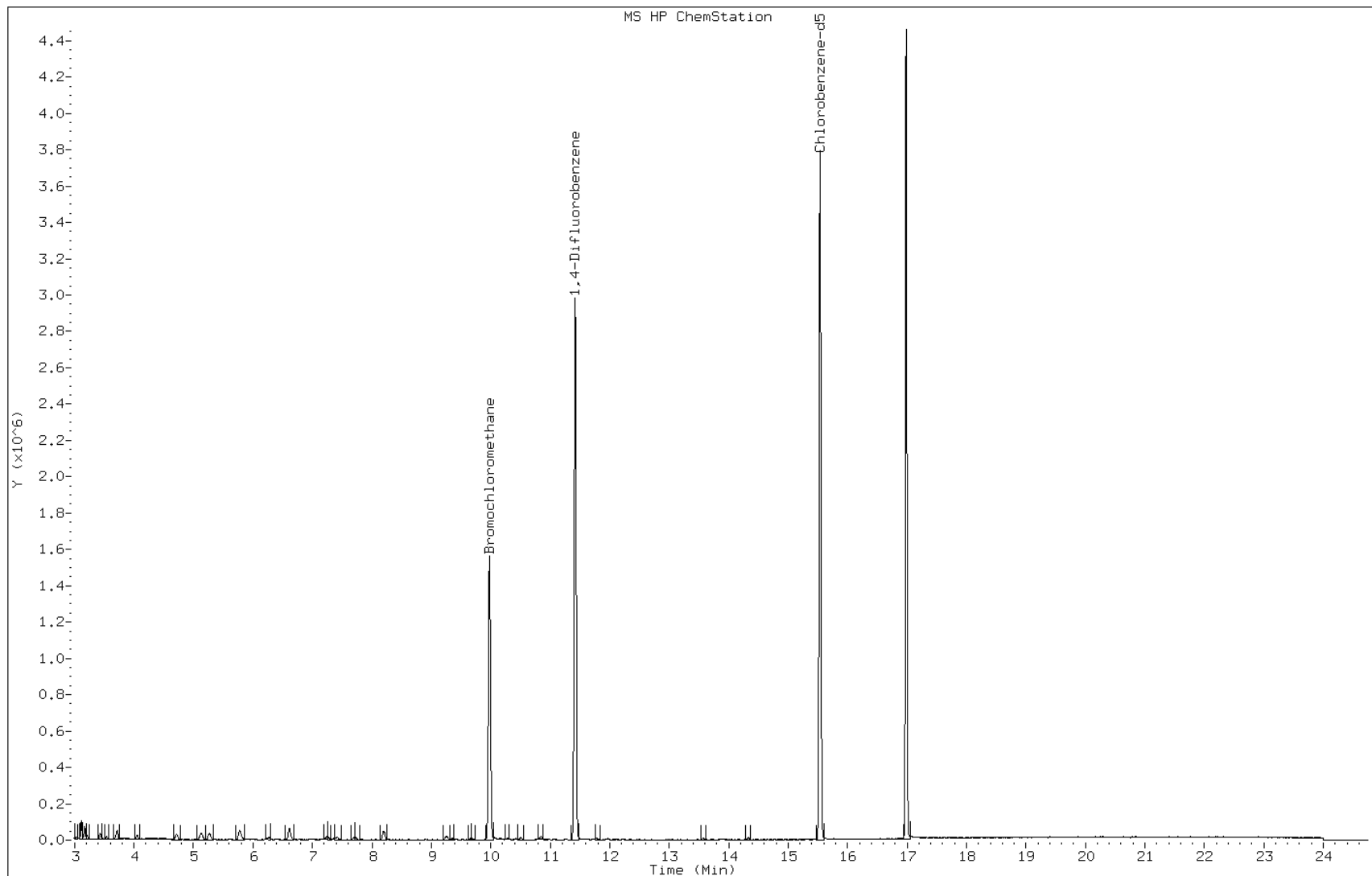
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.203	8.203	(0.822)	32303	0.13490	0.54
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.979	9.990	(1.000)	652607	2.00000	
39 Chloroform	83	10.059	10.075	(1.008)	4628	0.00976	0.039(a)
40 Cyclohexane	84	10.294	10.305	(0.902)	2360	0.00827	0.033(aQ)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.508	10.514	(0.920)	10452	0.01514	0.060
43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
44 Benzene	78	10.845	10.851	(0.950)	23831	0.04427	0.18
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.070	11.076	(0.970)	2215	0.01006	0.040
* 47 1,4-Difluorobenzene	114	11.418	11.429	(1.000)	3177943	2.00000	
49 Trichloroethene	95	11.776	11.782	(1.031)	4493	0.01511	0.060
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	13.579	13.579	(0.874)	5251	0.01526	0.061(Q)
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.333	14.344	(0.923)	4967	0.01086	0.043
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.537	15.543	(1.000)	2773122	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).
- Q - Qualifier signal failed the ratio test.

Data File: eerv013.d
Client ID: IA-3
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-6
Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

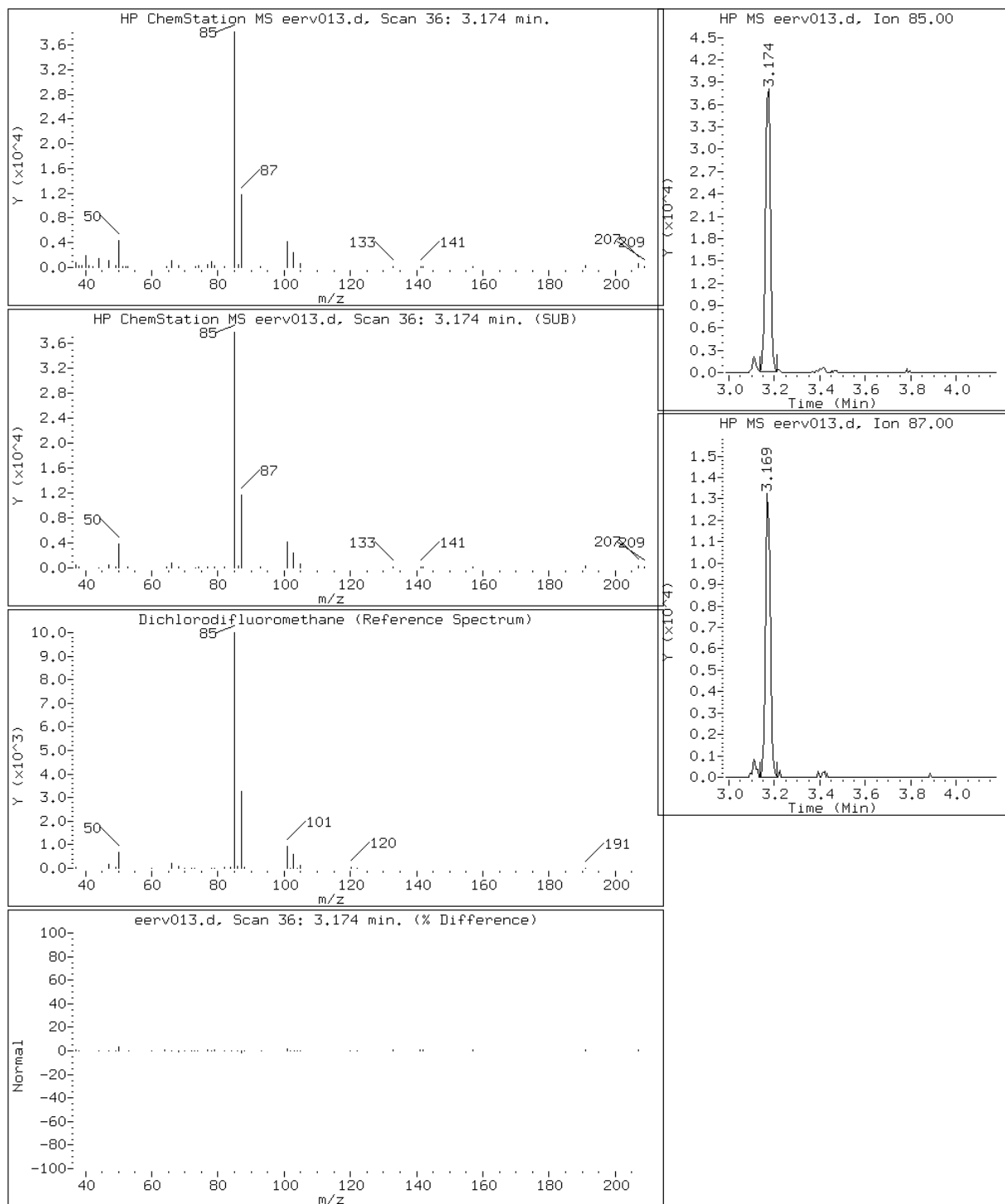
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

2 Dichlorodifluoromethane



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

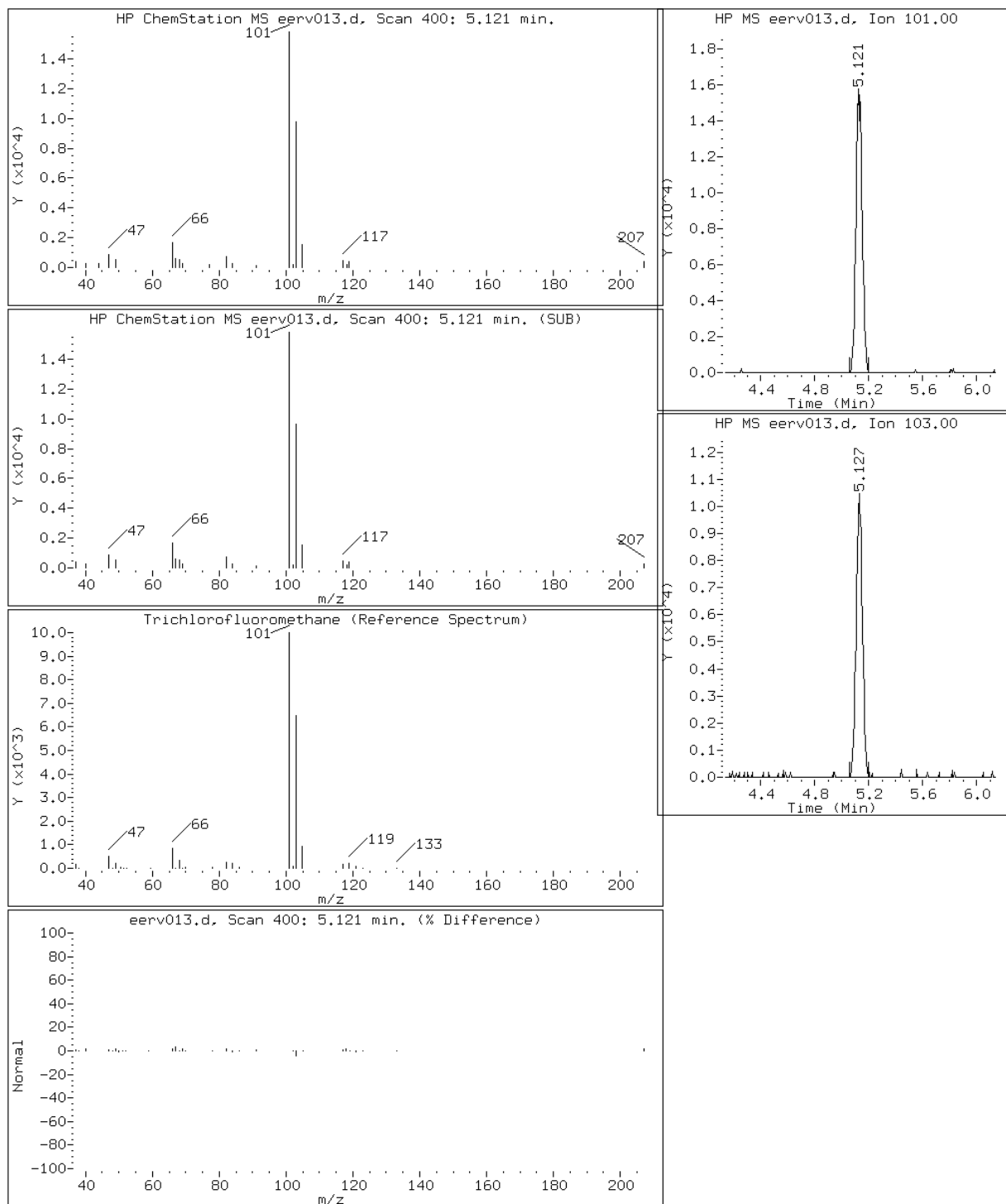
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

13 Trichlorofluoromethane



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

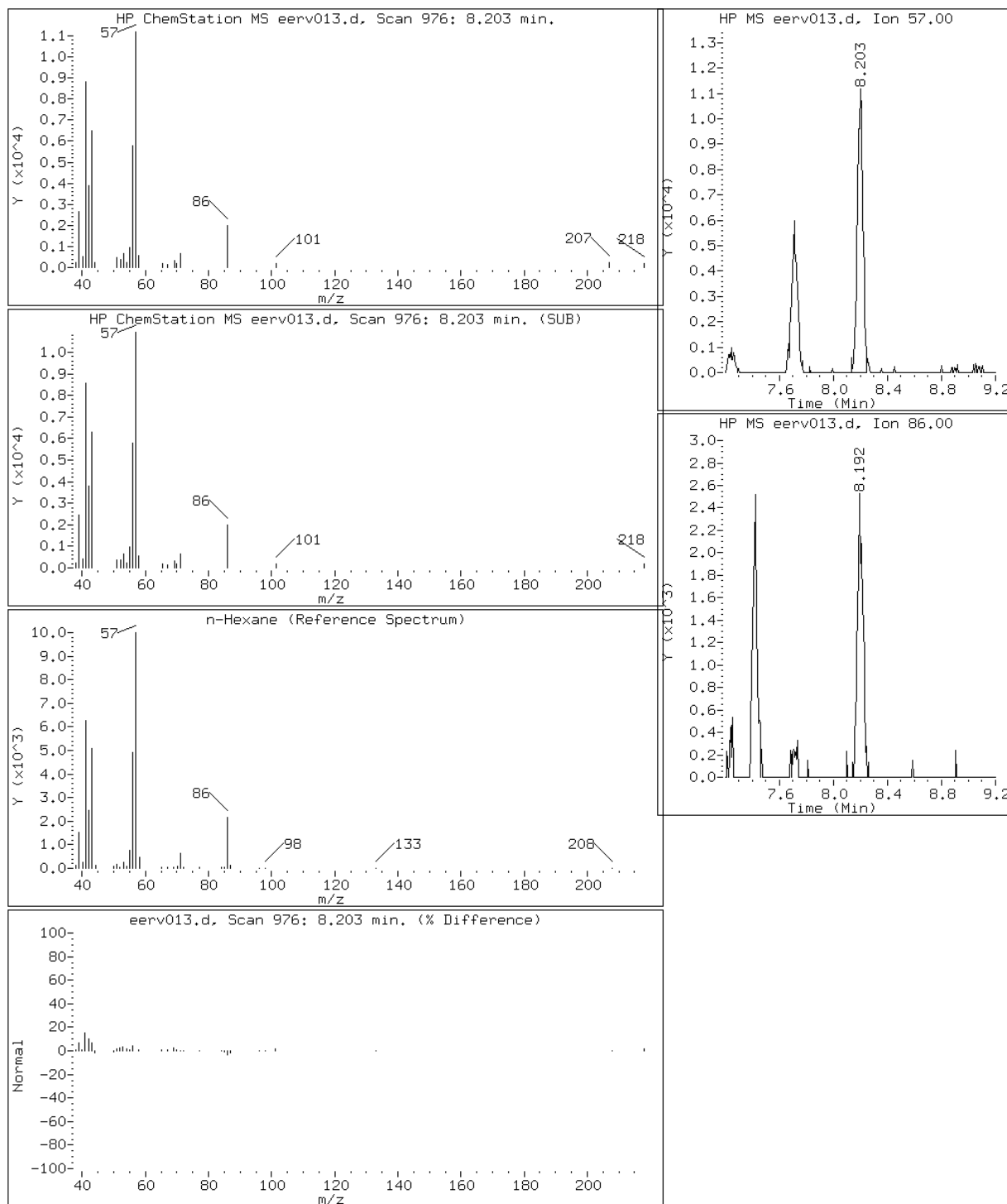
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

30 n-Hexane



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

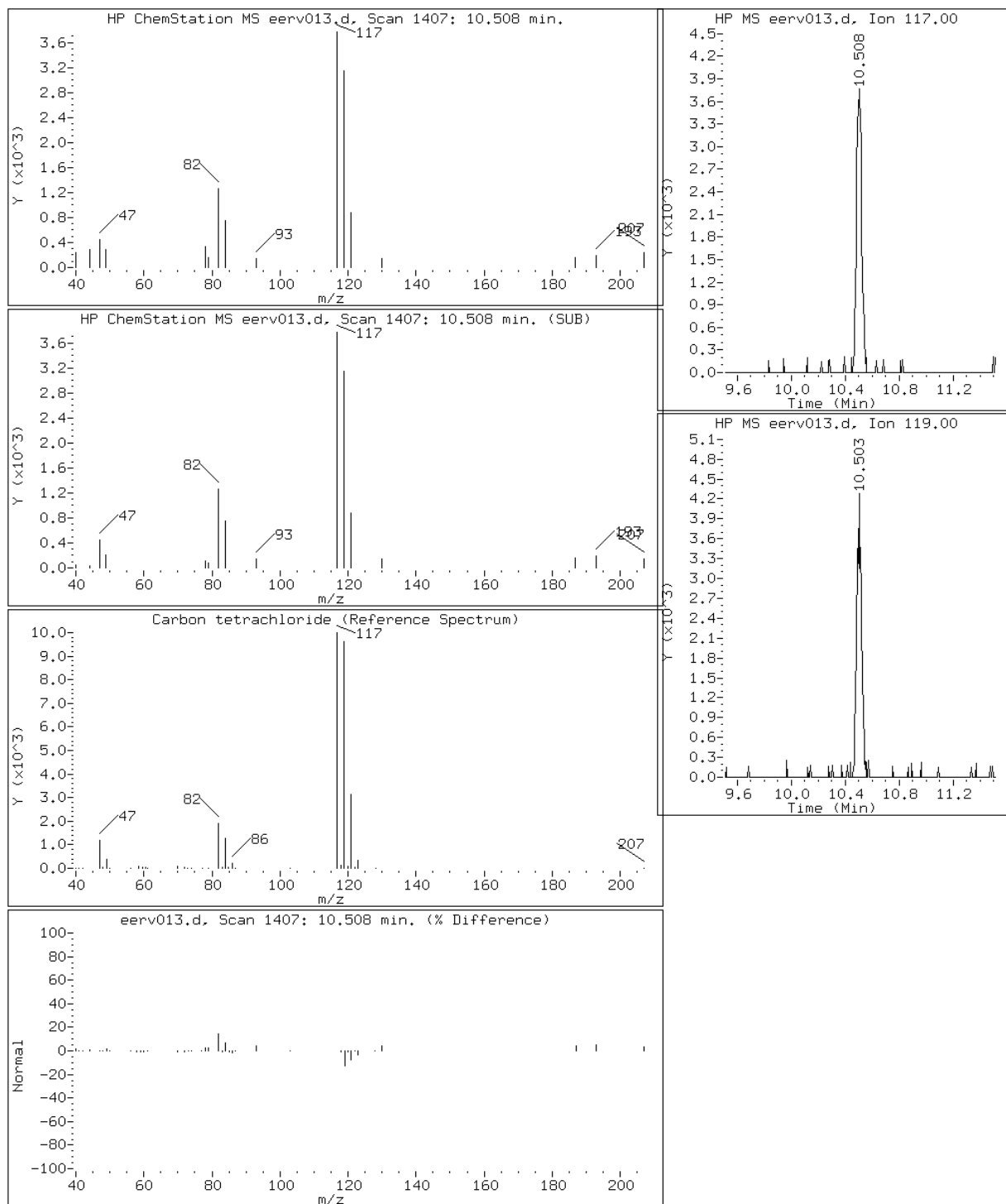
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

42 Carbon tetrachloride



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

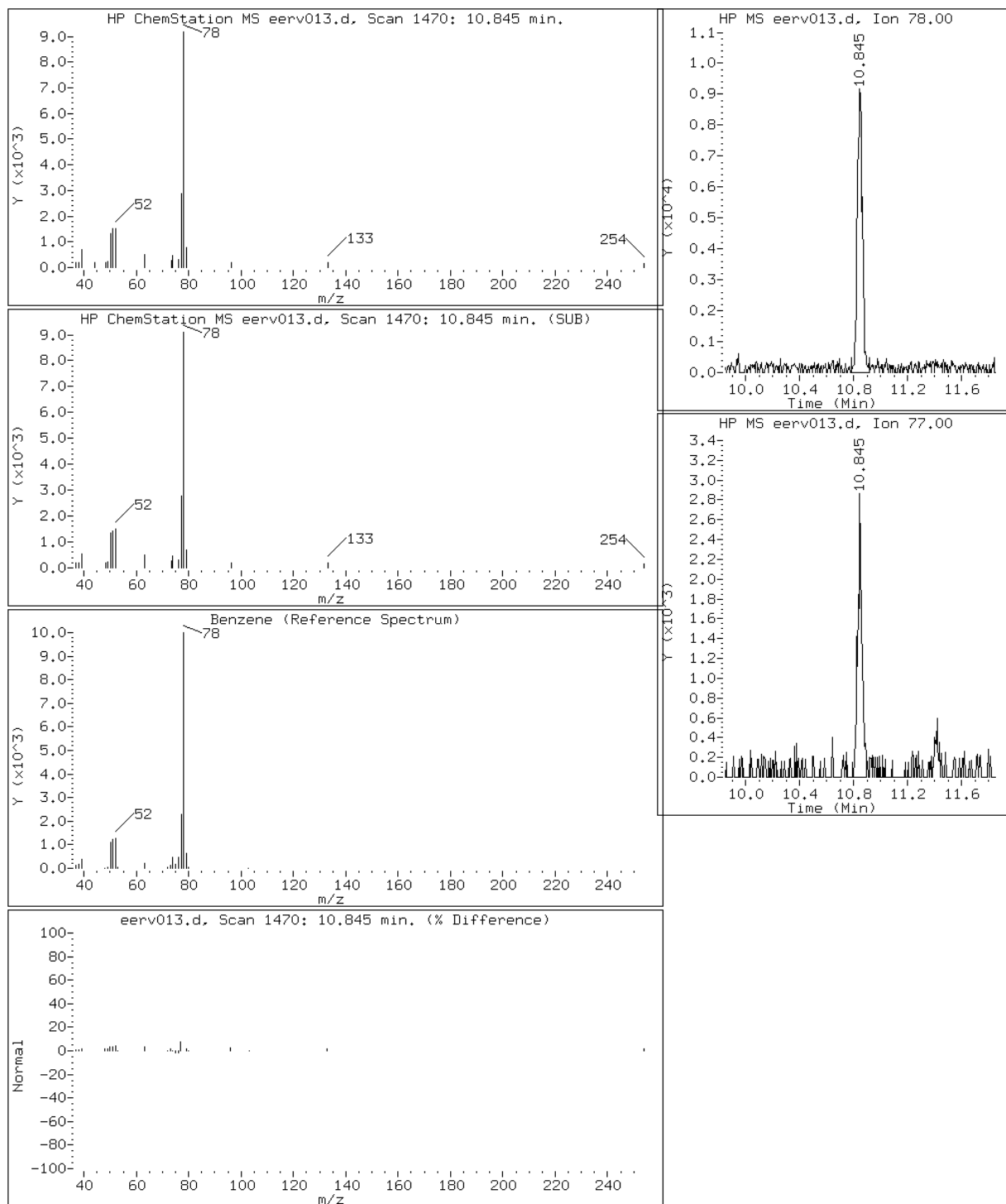
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

44 Benzene



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

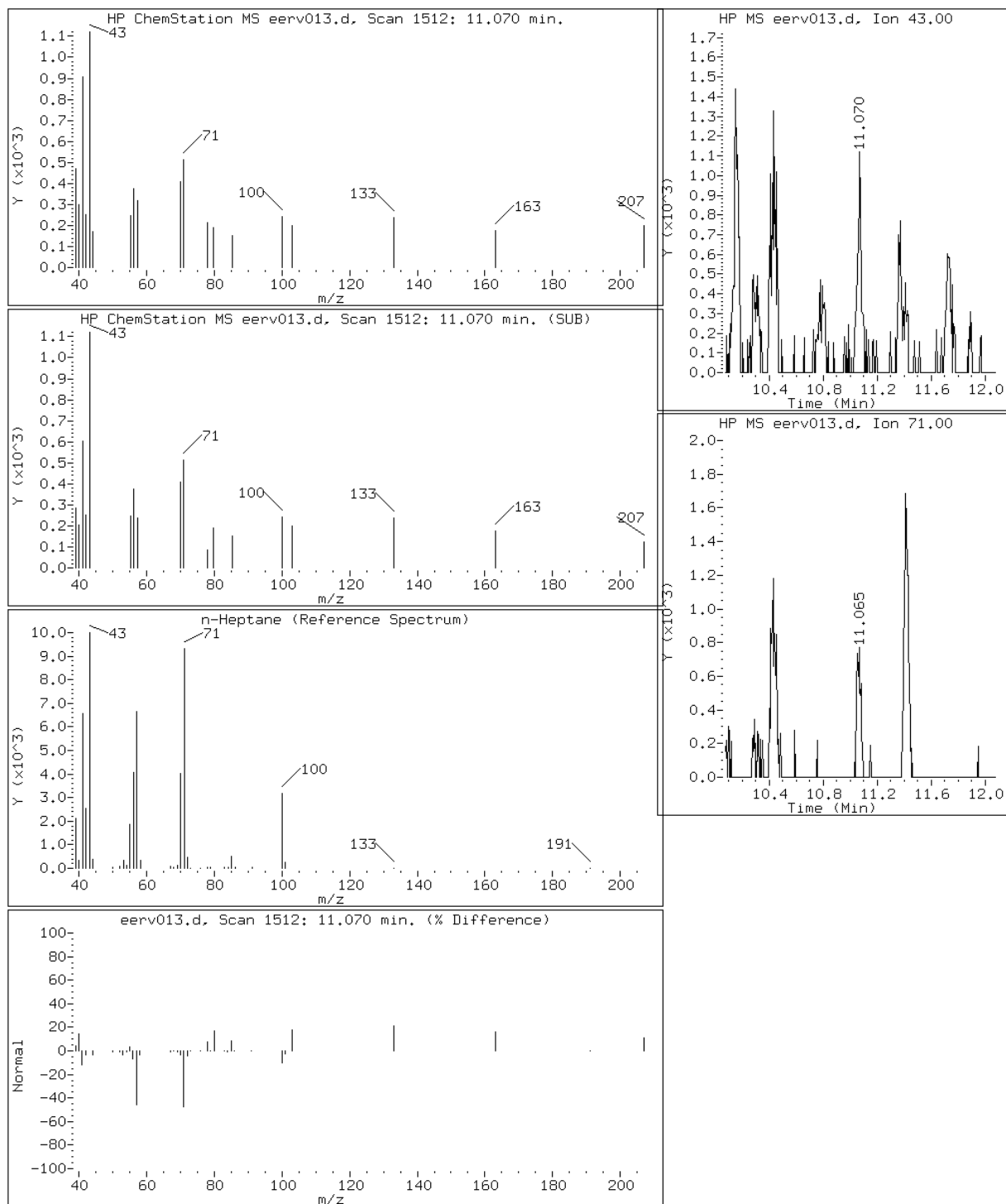
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

46 n-Heptane



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

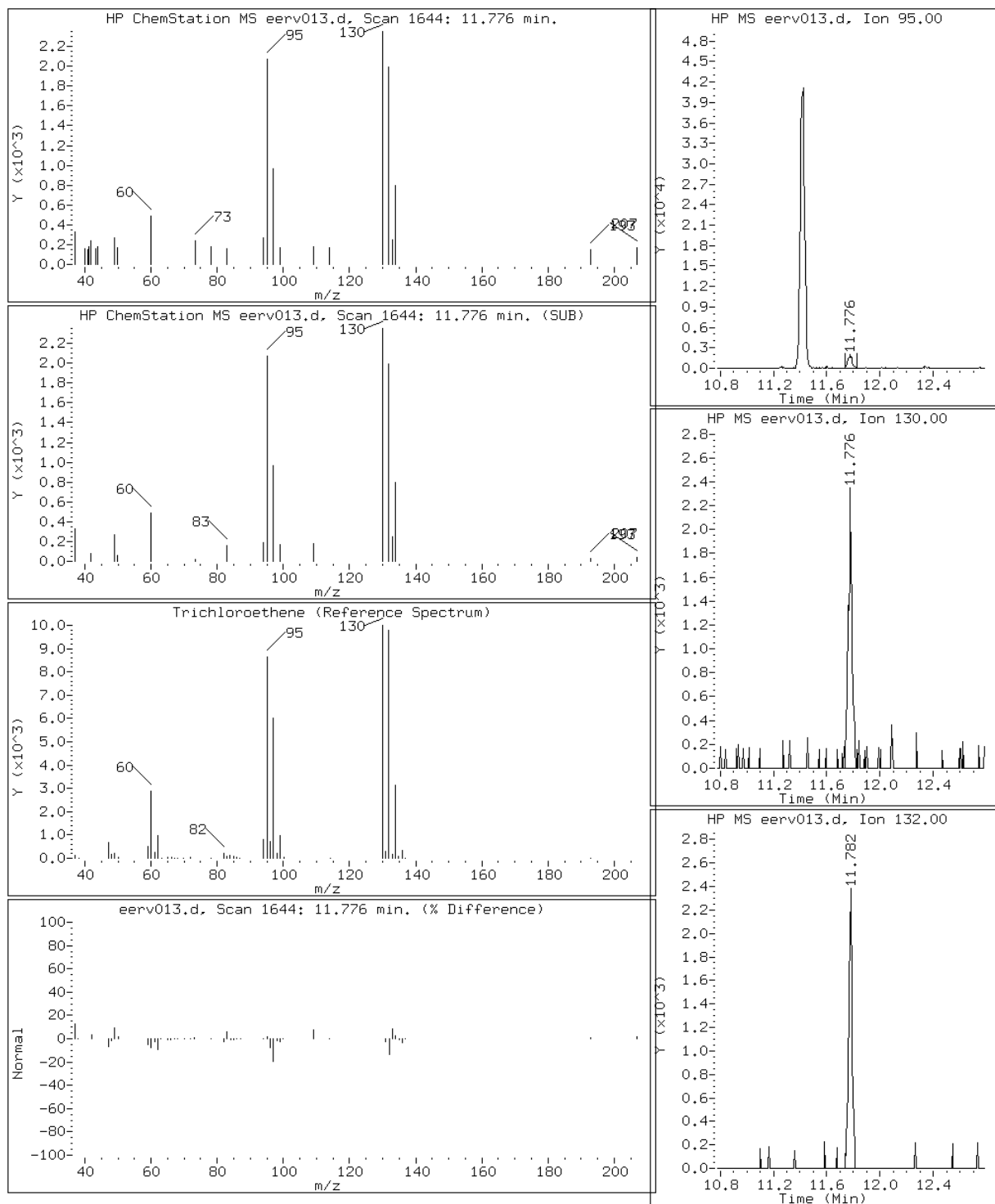
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

49 Trichloroethene



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

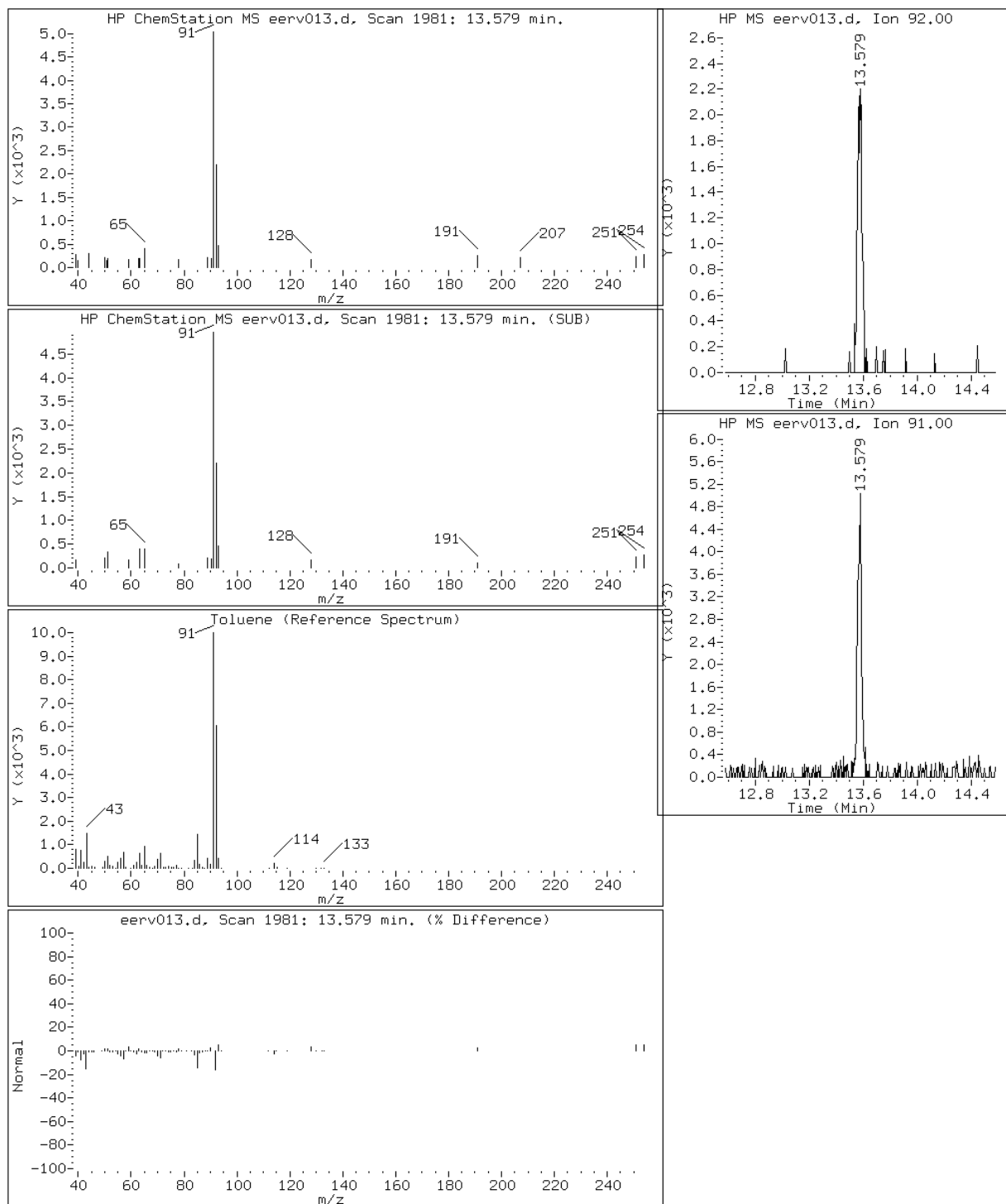
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

58 Toluene



Data File: eerv013.d

Lab Sample ID: 200-9580-6

Date: 09-MAR-2012 01:55

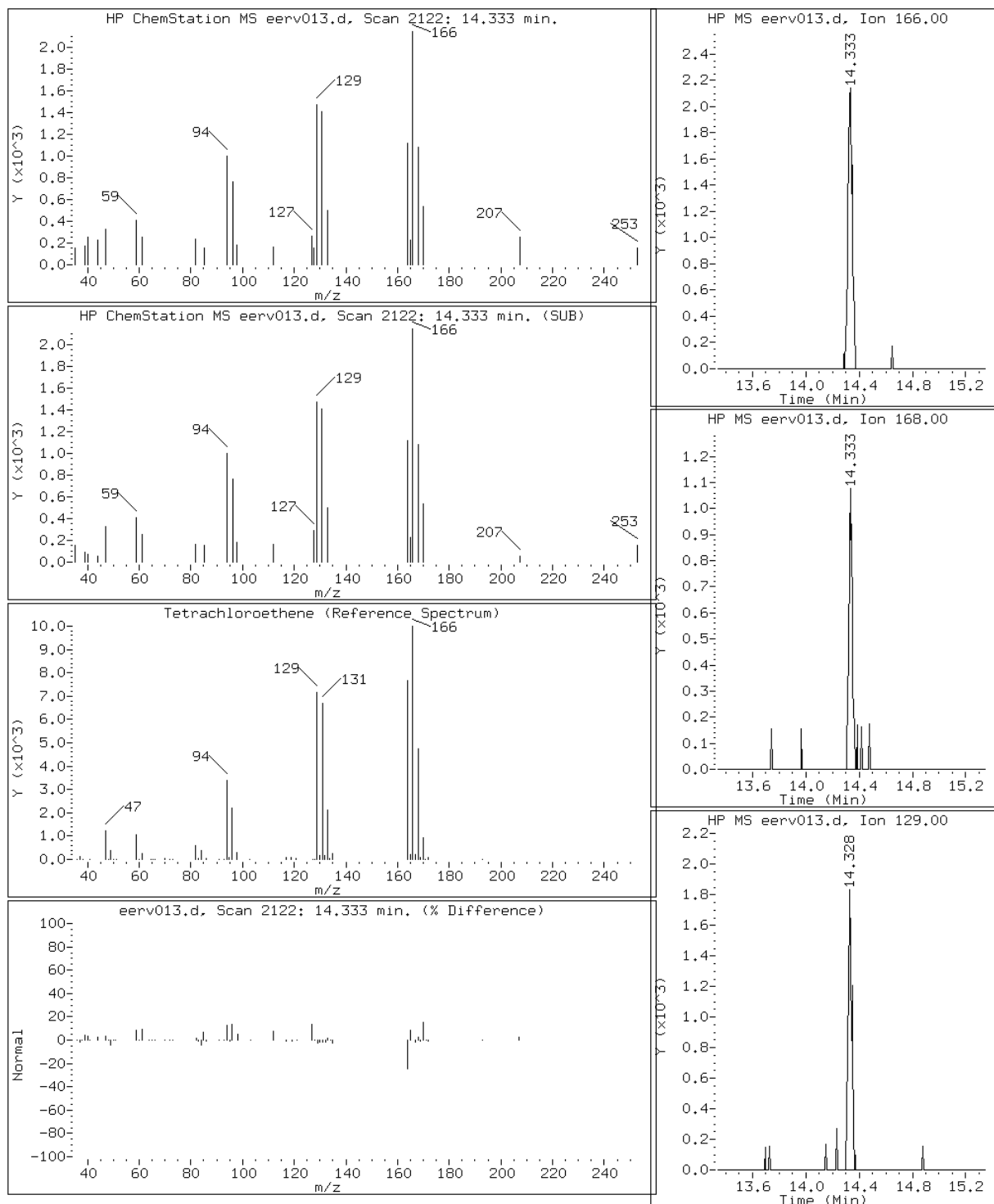
Client ID: IA-3

Instrument: E.i

Sample Info: 200-9580-A-6

Operator: wrd

61 Tetrachloroethene



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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: AM-1 Lab Sample ID: 200-9580-7
 Matrix: Air Lab File ID: eerv014.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:45
 Sample wt/vol: 125(mL) Date Analyzed: 03/09/2012 02:49
 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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.42		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	0.19		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	0.86		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	0.056		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	0.044		0.040	0.040
71-43-2	Benzene	78.11	0.22		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	0.12		0.040	0.040
79-01-6	Trichloroethene	131.39	0.045		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	0.38		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
100-41-4	Ethylbenzene	106.17	0.047		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: AM-1 Lab Sample ID: 200-9580-7
Matrix: Air Lab File ID: eerv014.d
Analysis Method: TO15 LL Date Collected: 02/29/2012 16:45
Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 02:49
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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.051		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	0.12		0.040	0.040
1330-20-7	Xylenes, Total	106.17	0.17		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: AM-1 Lab Sample ID: 200-9580-7
 Matrix: Air Lab File ID: eerv014.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:45
 Sample wt/vol: 125(mL) Date Analyzed: 03/09/2012 02:49
 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.: 34777 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	0.18	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	1.0		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	0.20	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	0.19		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	0.21		0.19	0.19
71-43-2	Benzene	78.11	0.70		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	0.49		0.16	0.16
79-01-6	Trichloroethene	131.39	0.24		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	1.4		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
100-41-4	Ethylbenzene	106.17	0.21		0.17	0.17

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: AM-1 Lab Sample ID: 200-9580-7
 Matrix: Air Lab File ID: eerv014.d
 Analysis Method: TO15 LL Date Collected: 02/29/2012 16:45
 Sample wt/vol: 125 (mL) Date Analyzed: 03/09/2012 02:49
 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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.22		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	0.53		0.17	0.17
1330-20-7	Xylenes, Total	106.17	0.75		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-7
Client Smp ID: AM-1
Inj Date : 09-MAR-2012 02:49
Operator : wrd
Smp Info : 200-9580-A-7
Misc Info : 125,4,to1511
Comment :
Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
Meth Date : 08-Mar-2012 16:39 wrd
Cal Date : 05-JAN-2012 02:54
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: eer012.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					CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	49446	0.10449	0.42
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	3.827	3.827	(0.383)	944	0.01063	0.042(a)
9 Bromomethane	94				Compound Not Detected.		
10 Chloroethane	64				Compound Not Detected.		
12 Vinyl bromide	106				Compound Not Detected.		
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	32409	0.04636	0.18
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.288	6.282	(0.630)	8369	0.01836	0.073(a)
19 1,1-Dichloroethene	96				Compound Not Detected.		
22 Allyl chloride	41				Compound Not Detected.		
25 Methylene chloride	49	7.422	7.433	(0.744)	8325	0.04887	0.20(a)
27 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
28 Methyl tert-butyl ether	73				Compound Not Detected.		

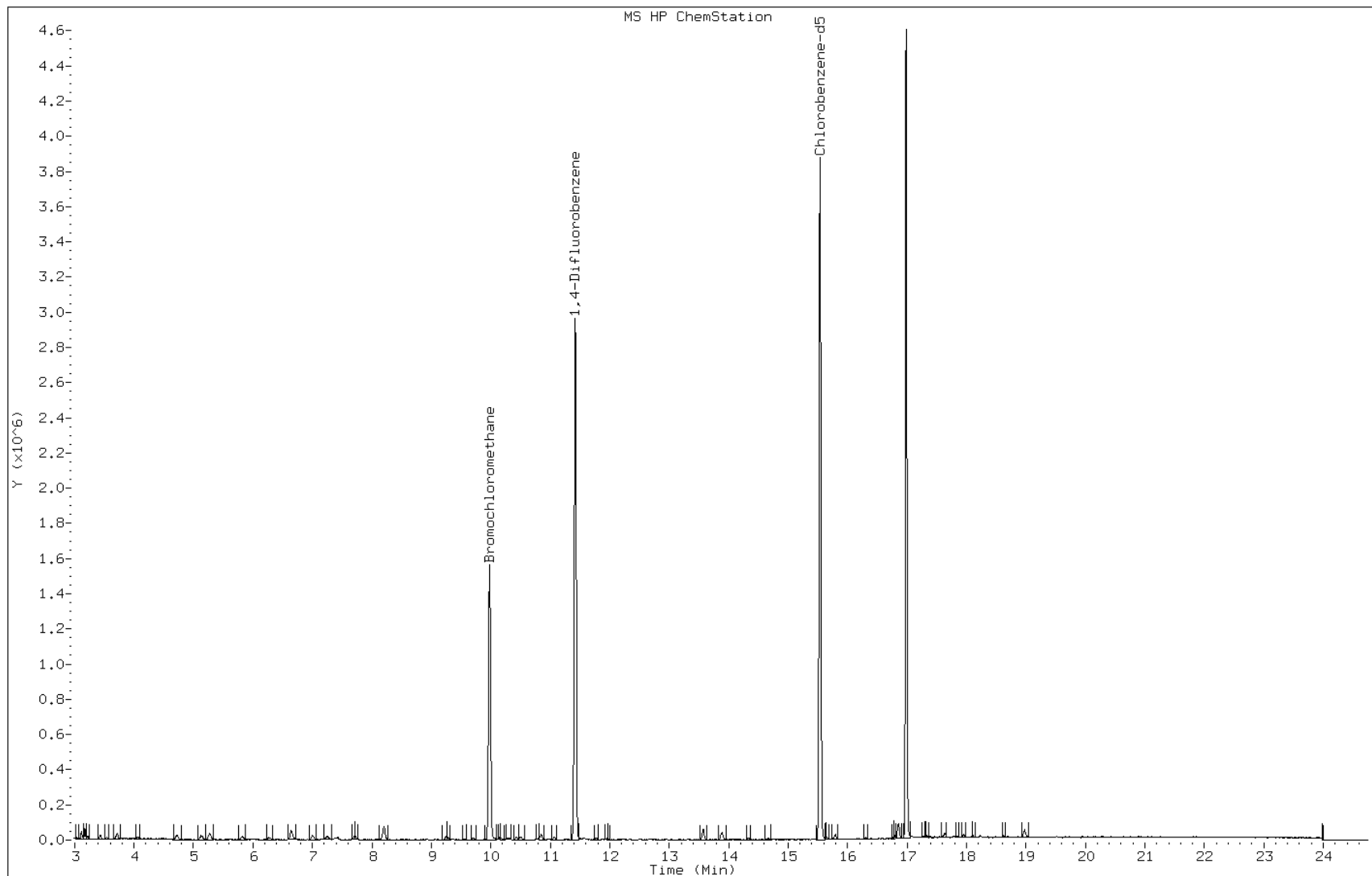
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.203	8.203	(0.822)	51902	0.21576	0.86
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.979	9.990	(1.000)	655612	2.00000	
39 Chloroform	83	Compound Not Detected.					
40 Cyclohexane	84	10.289	10.305	(0.901)	3966	0.01390	0.056(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.503	10.514	(0.920)	11146	0.01615	0.064
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.946)	7910	0.01098	0.044
44 Benzene	78	10.851	10.851	(0.950)	29623	0.05503	0.22
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.060	11.076	(0.969)	6588	0.02991	0.12
* 47 1,4-Difluorobenzene	114	11.418	11.429	(1.000)	3177595	2.00000	
49 Trichloroethene	95	11.766	11.782	(1.030)	3339	0.01123	0.045
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	13.574	13.579	(0.874)	33736	0.09575	0.38
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.339	14.344	(0.923)	3688	0.00788	0.032(a)
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.537	15.543	(1.000)	2839480	2.00000	
67 Ethylbenzene	91	15.644	15.650	(1.007)	7887	0.01183	0.047
69 Xylene (m,p)	106	15.789	15.799	(1.016)	6995	0.03032	0.12(Q)
M 70 Xylene, Total	106				9784	0.04296	0.17
71 Xylene (o)	106	16.313	16.318	(1.050)	2789	0.01265	0.050(Q)
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	17.399	17.404	(1.120)	1942	0.00526	0.021(a)

QC Flag Legend

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

Data File: eerv014.d
Client ID: AM-1
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-7
Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

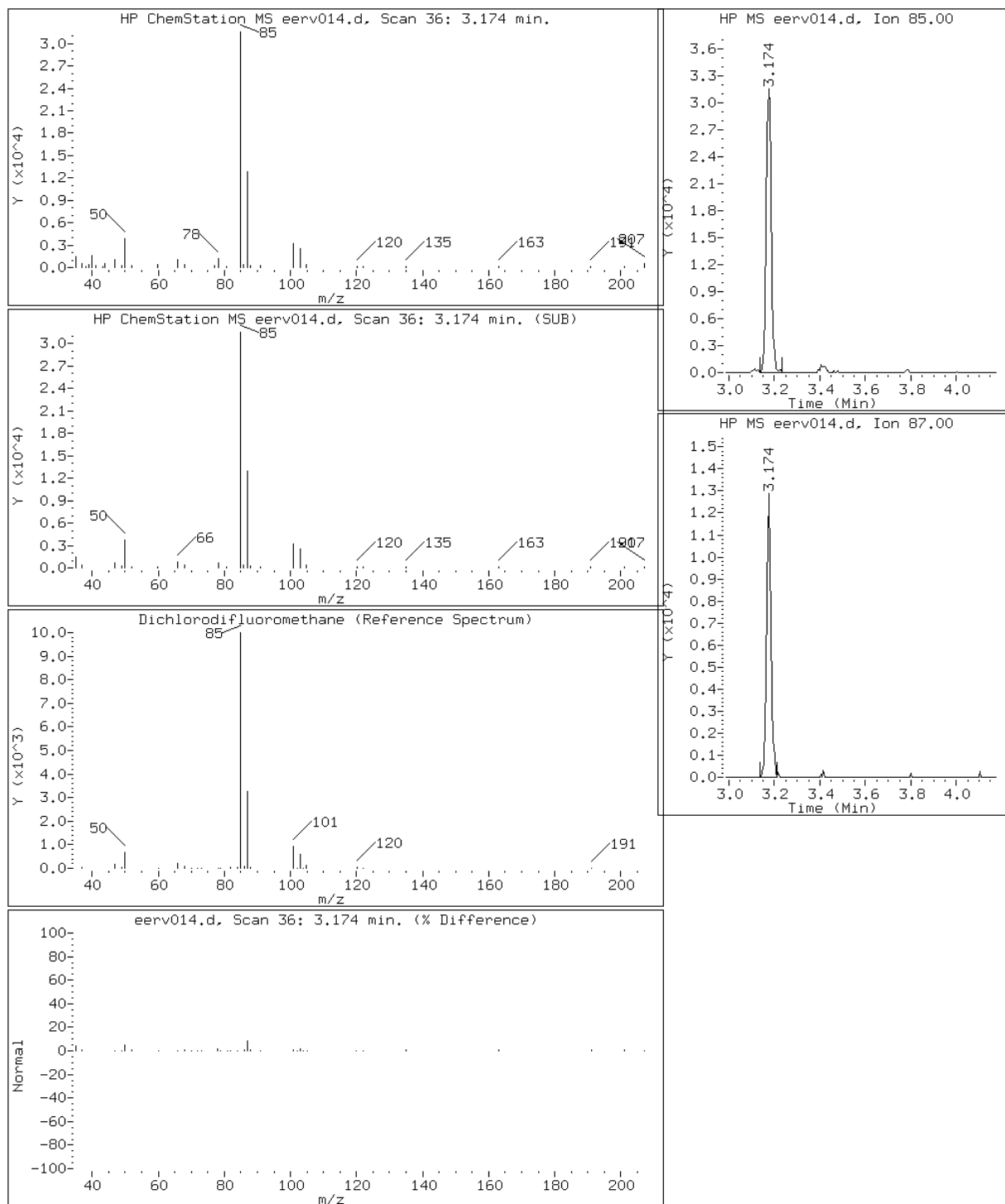
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

2 Dichlorodifluoromethane



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

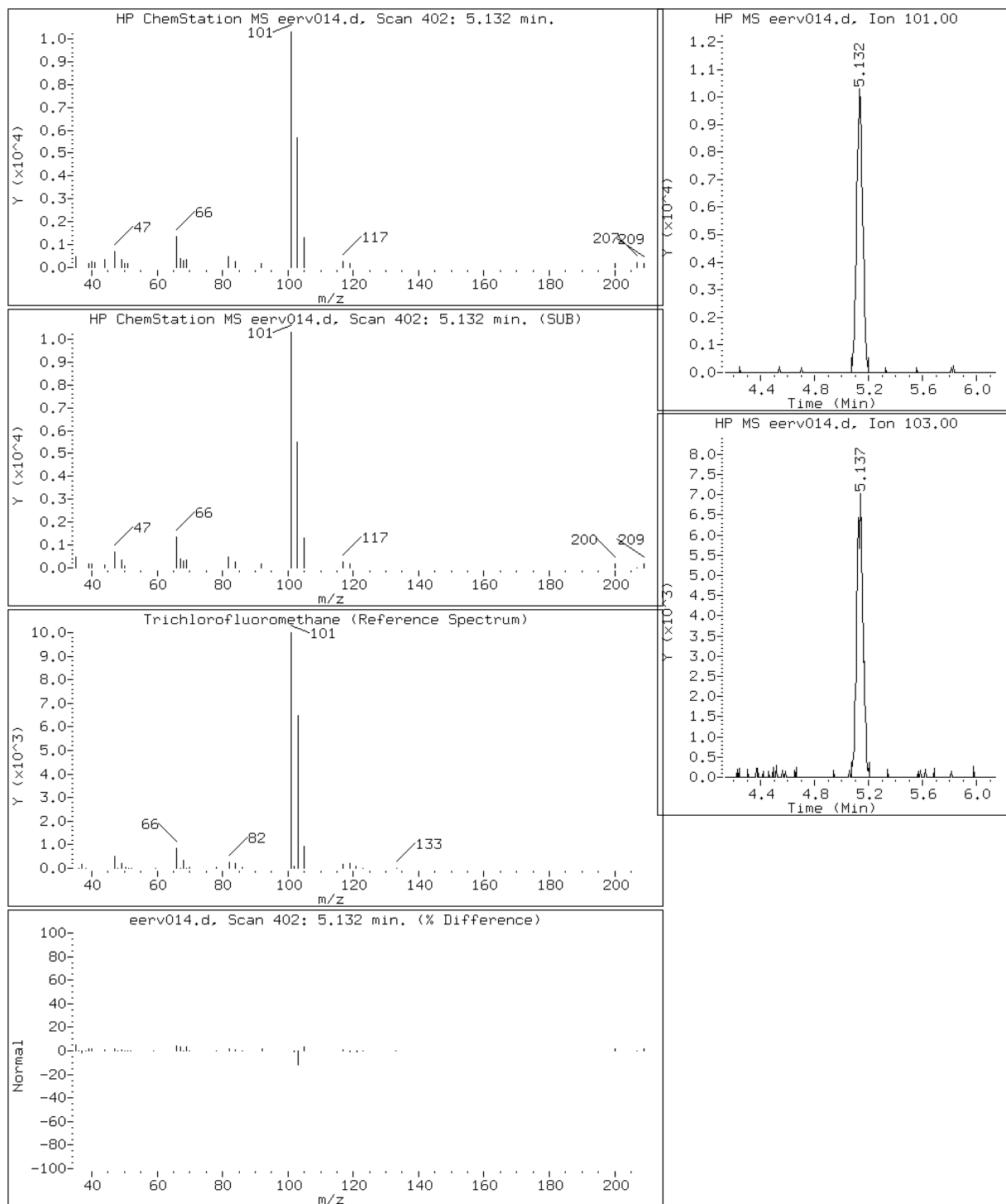
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

13 Trichlorofluoromethane



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

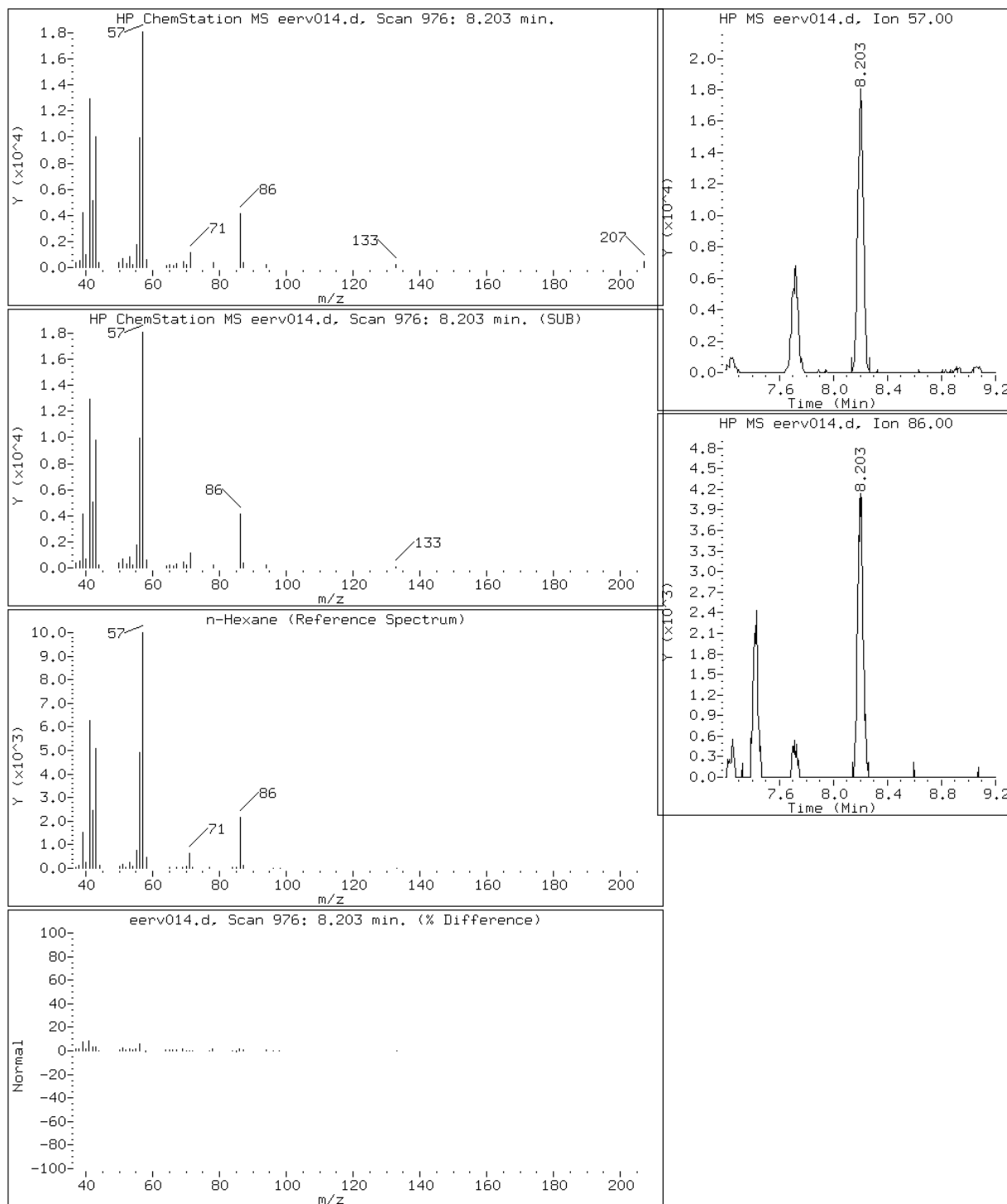
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

30 n-Hexane



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

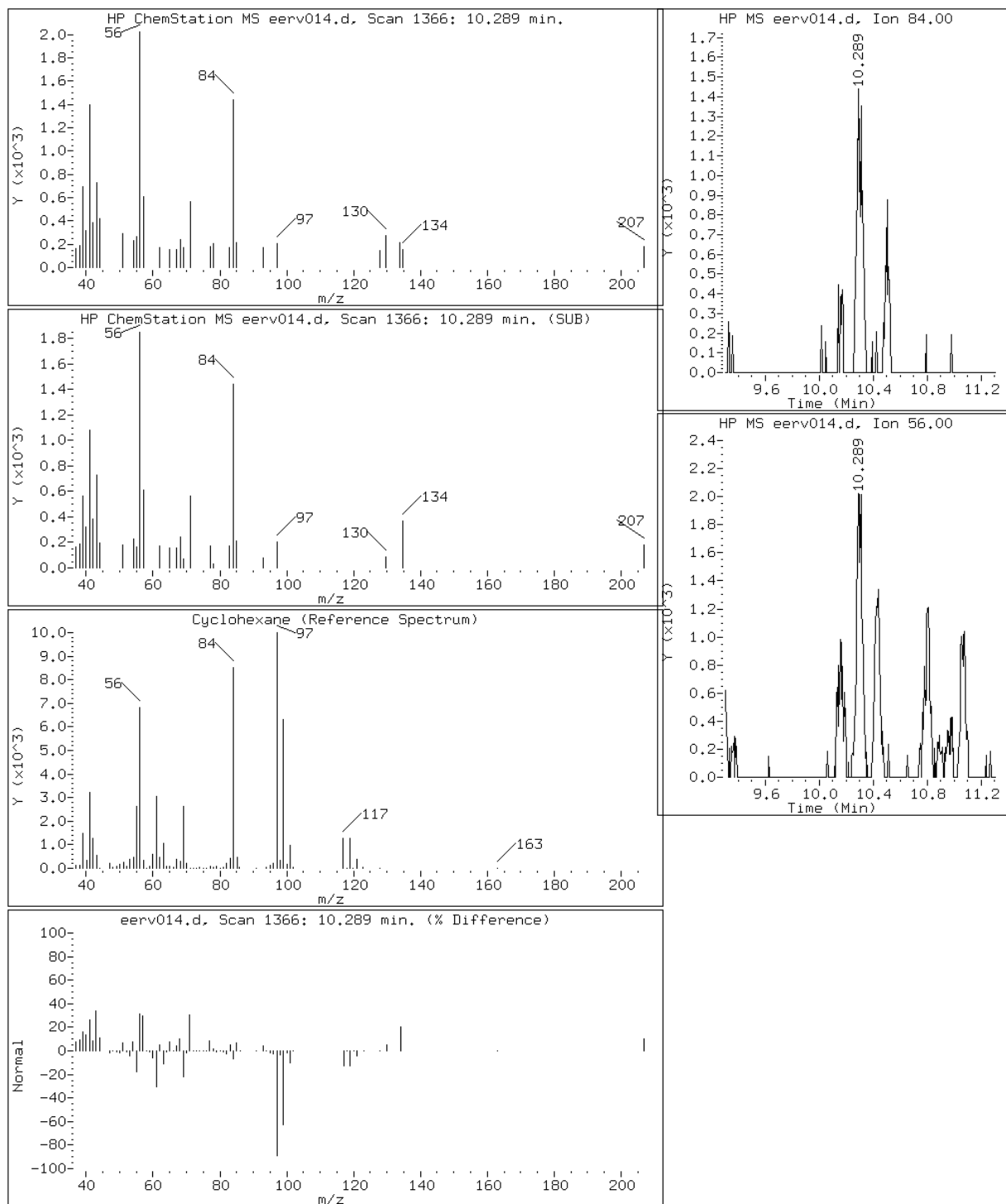
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

40 Cyclohexane



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

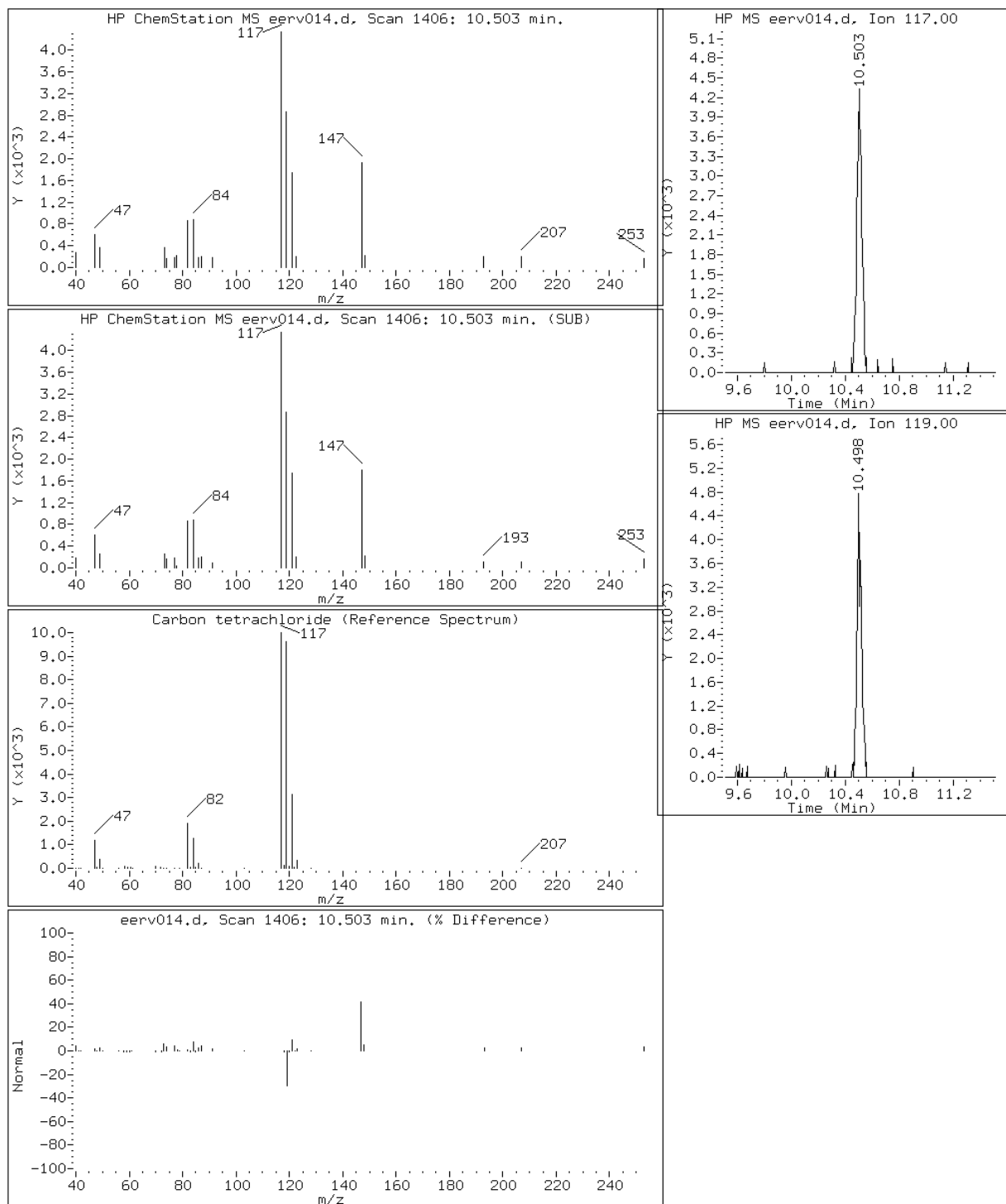
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

42 Carbon tetrachloride



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

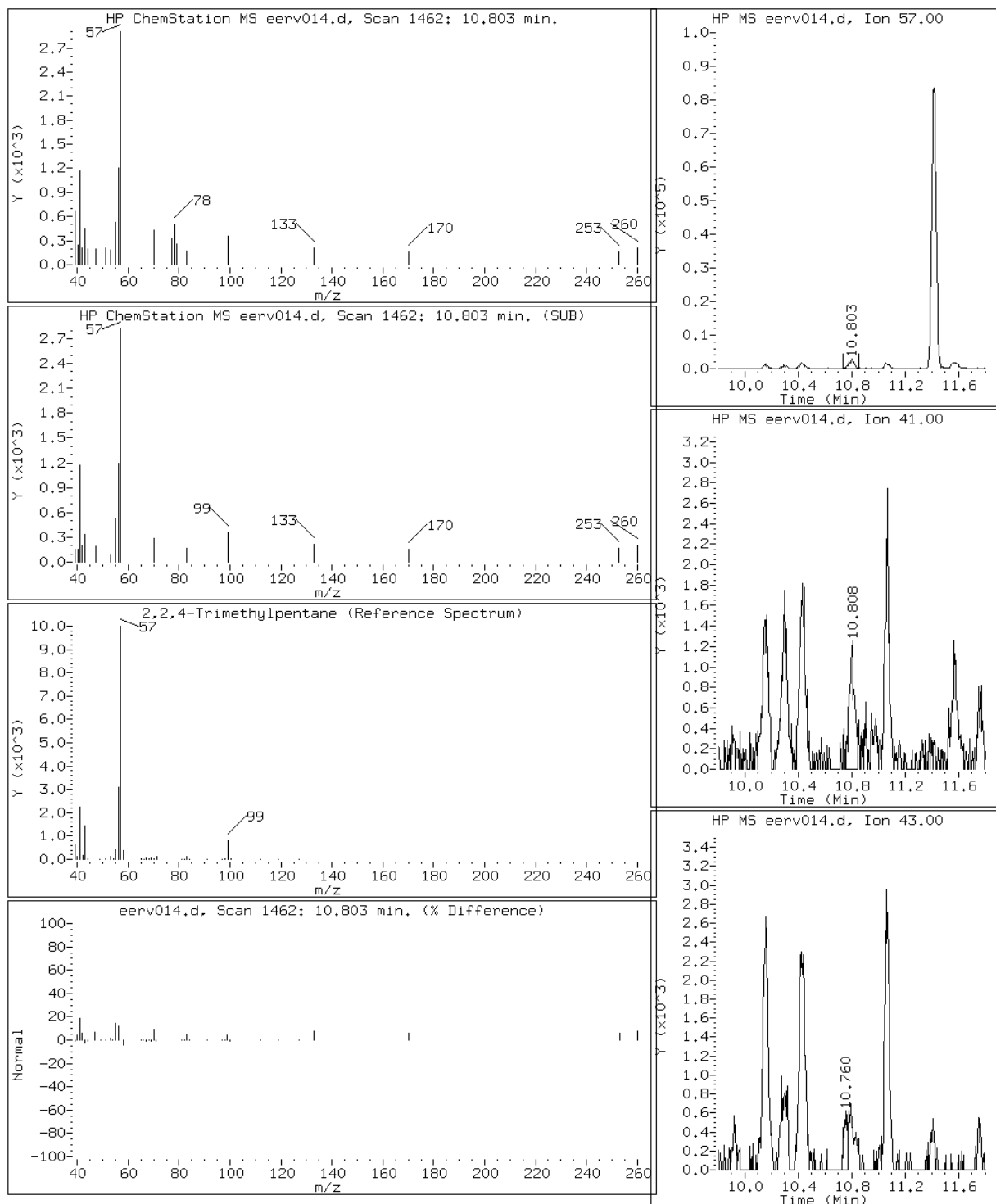
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

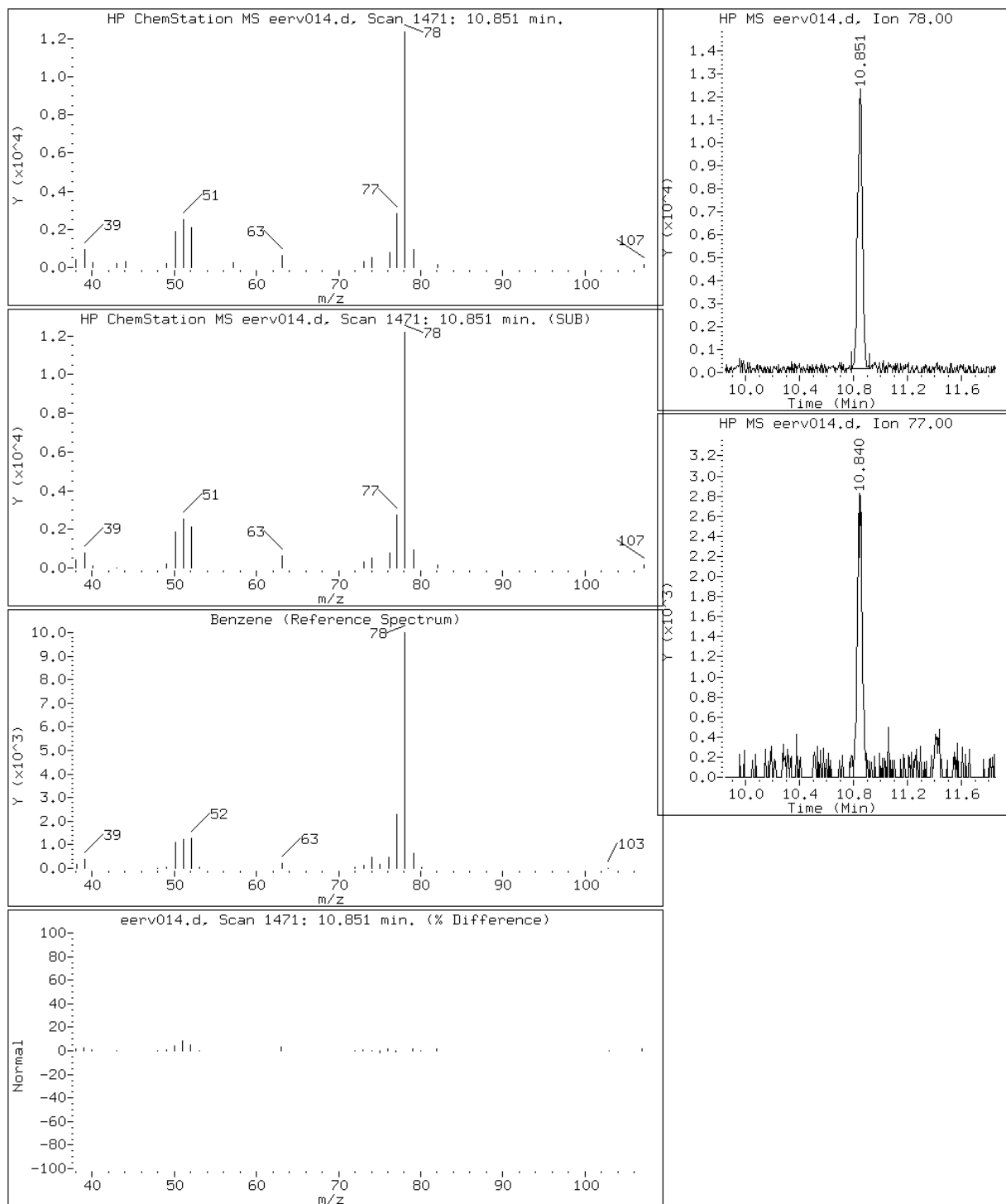
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

44 Benzene



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

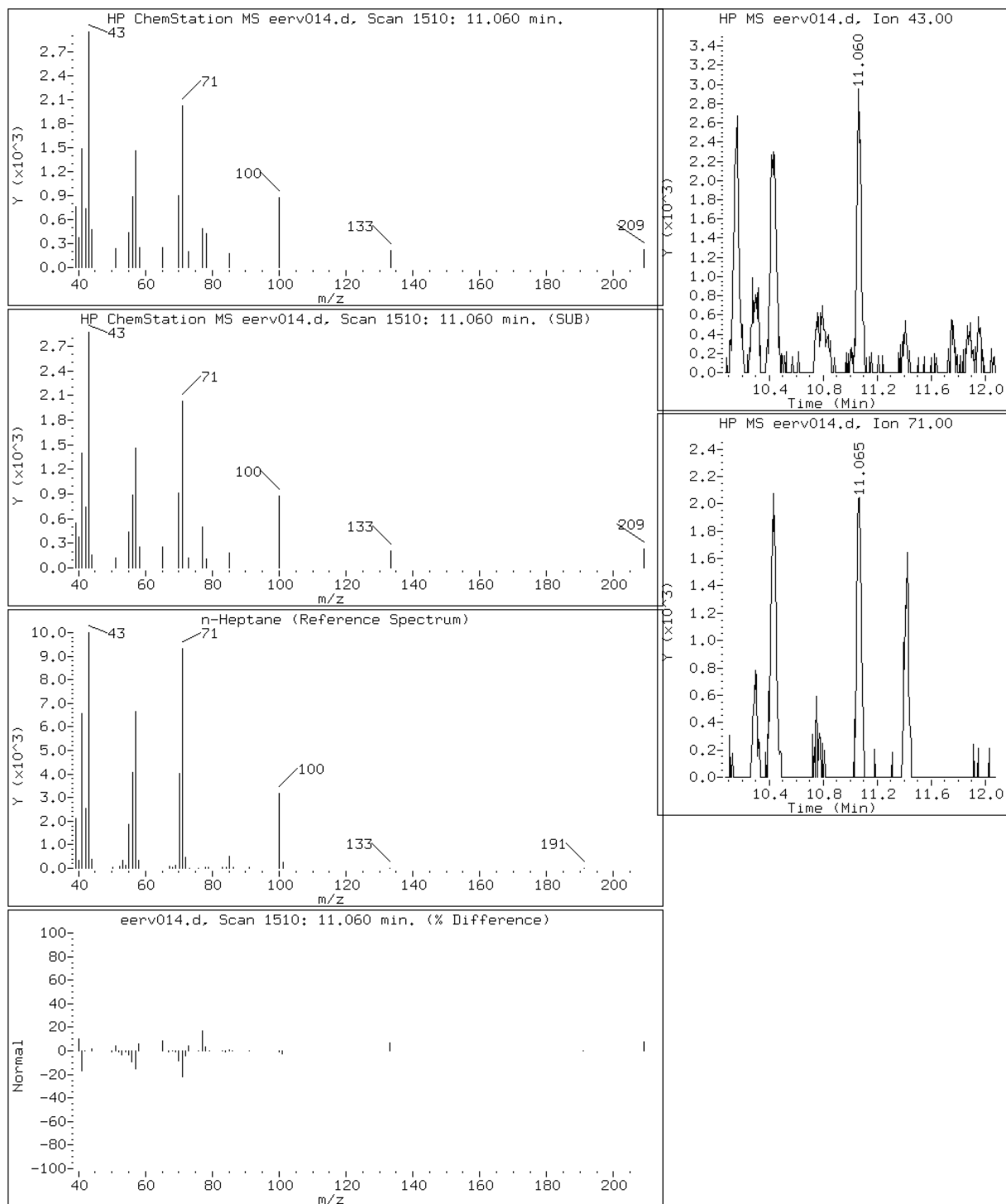
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

46 n-Heptane



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

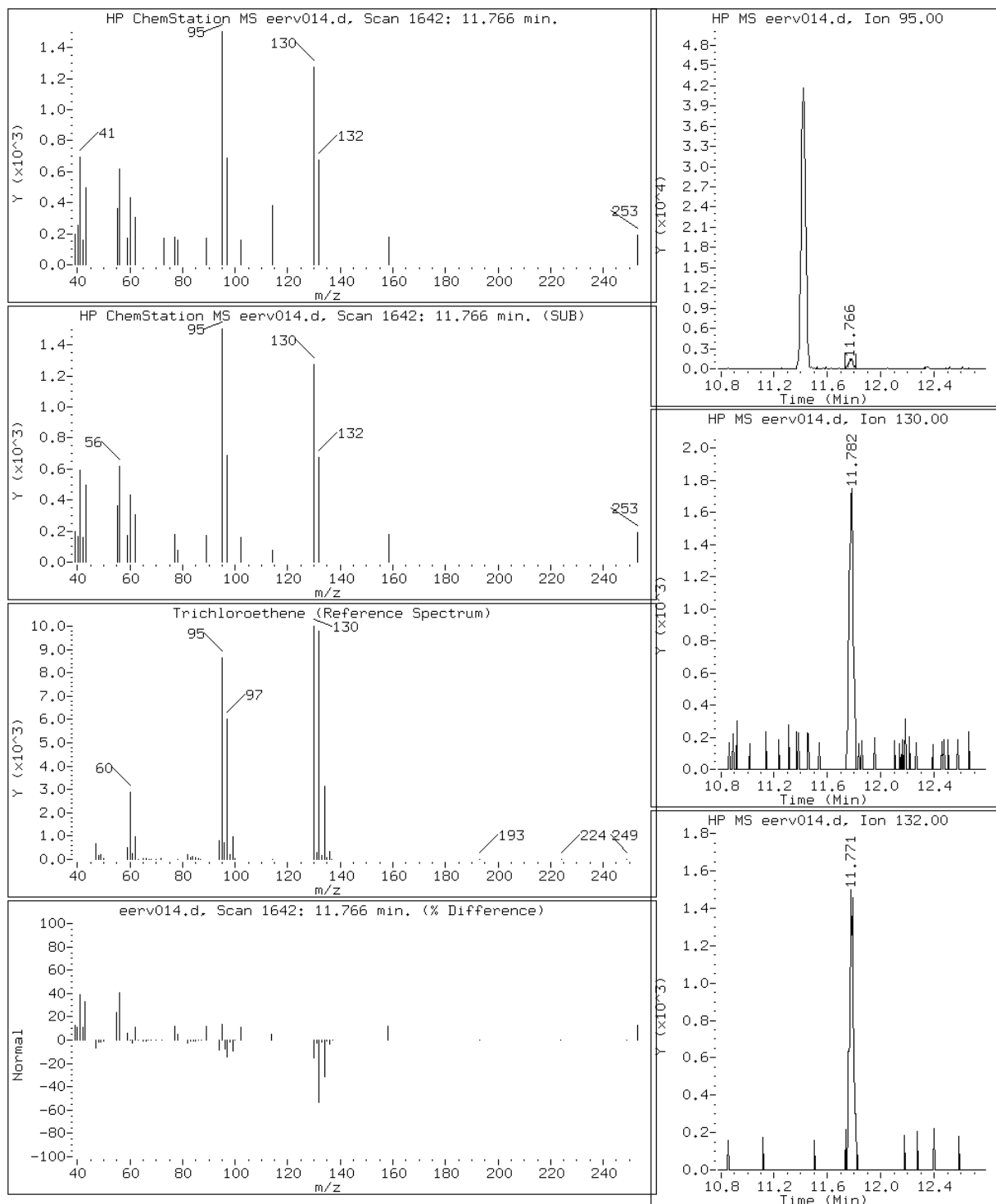
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

49 Trichloroethene



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

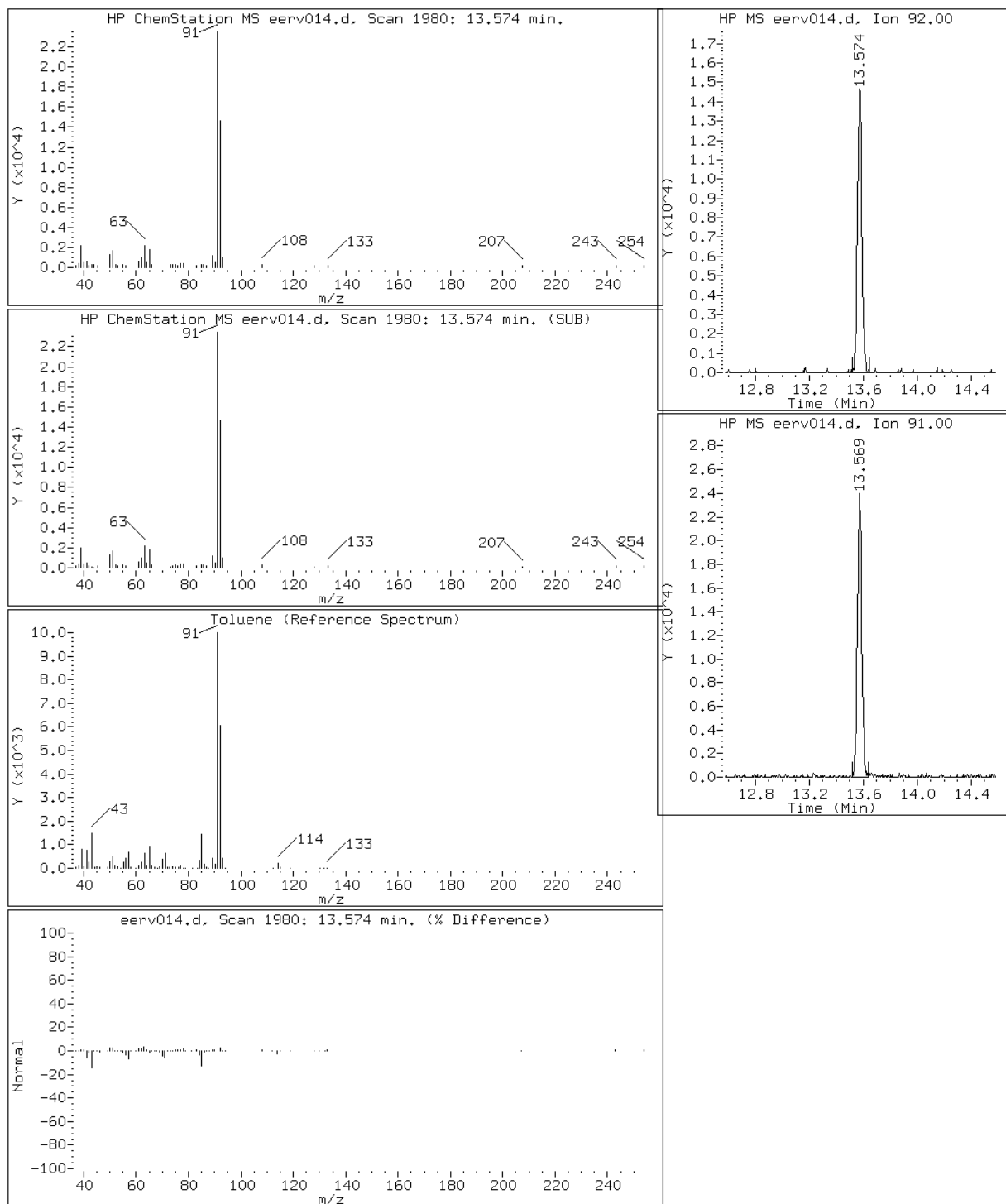
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

58 Toluene



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

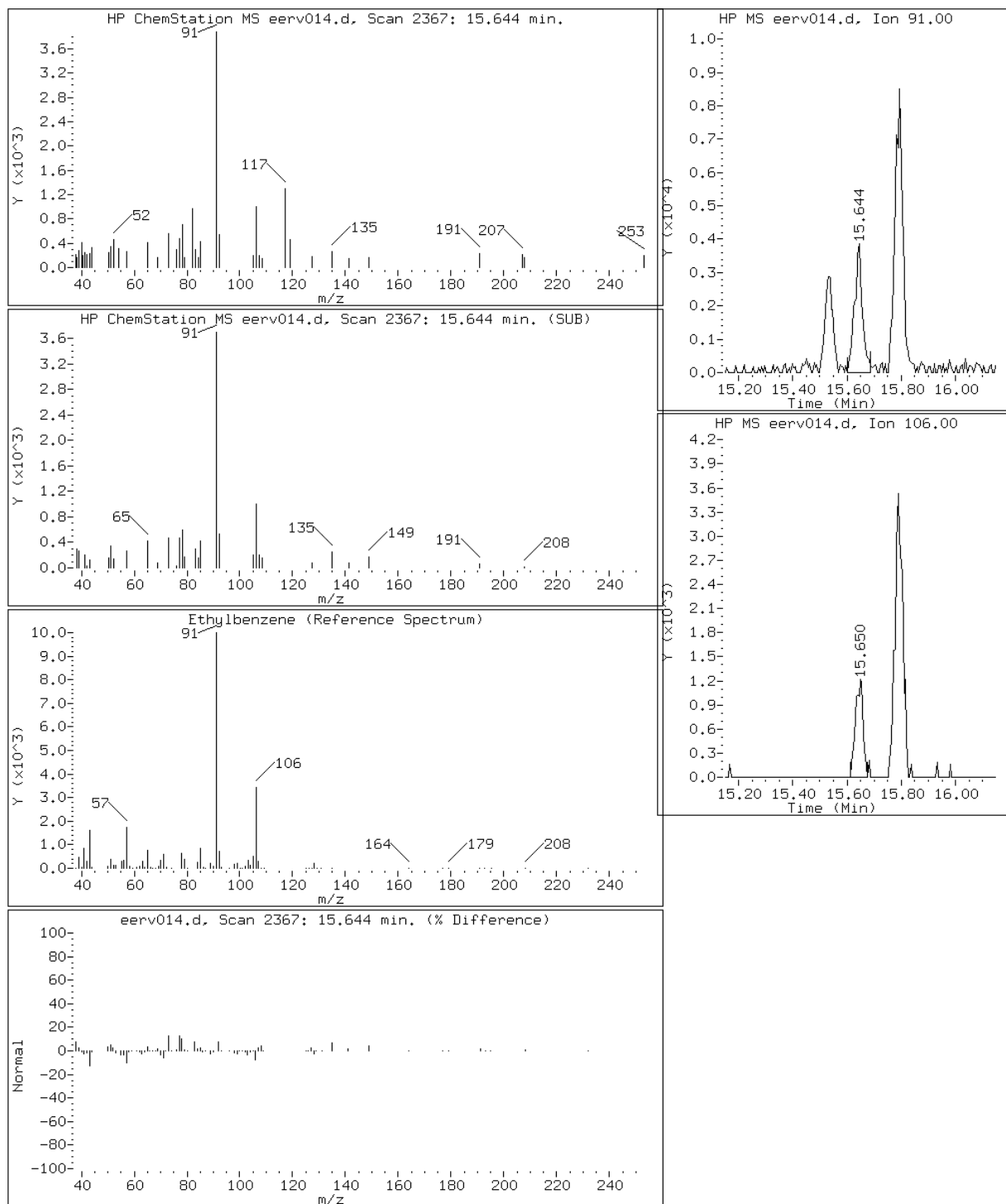
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

67 Ethylbenzene



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

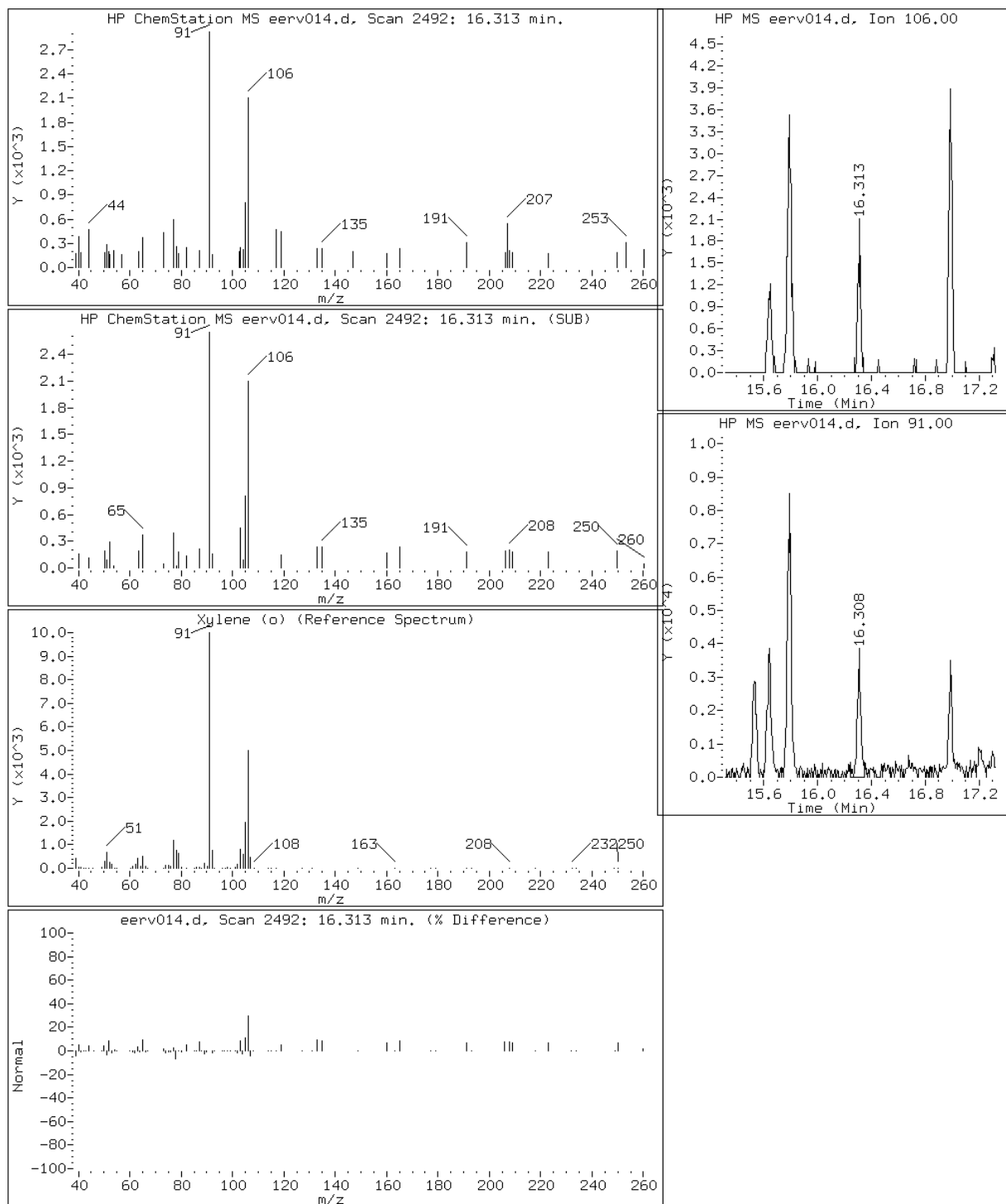
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

71 Xylene (o)



Data File: eerv014.d

Lab Sample ID: 200-9580-7

Date: 09-MAR-2012 02:49

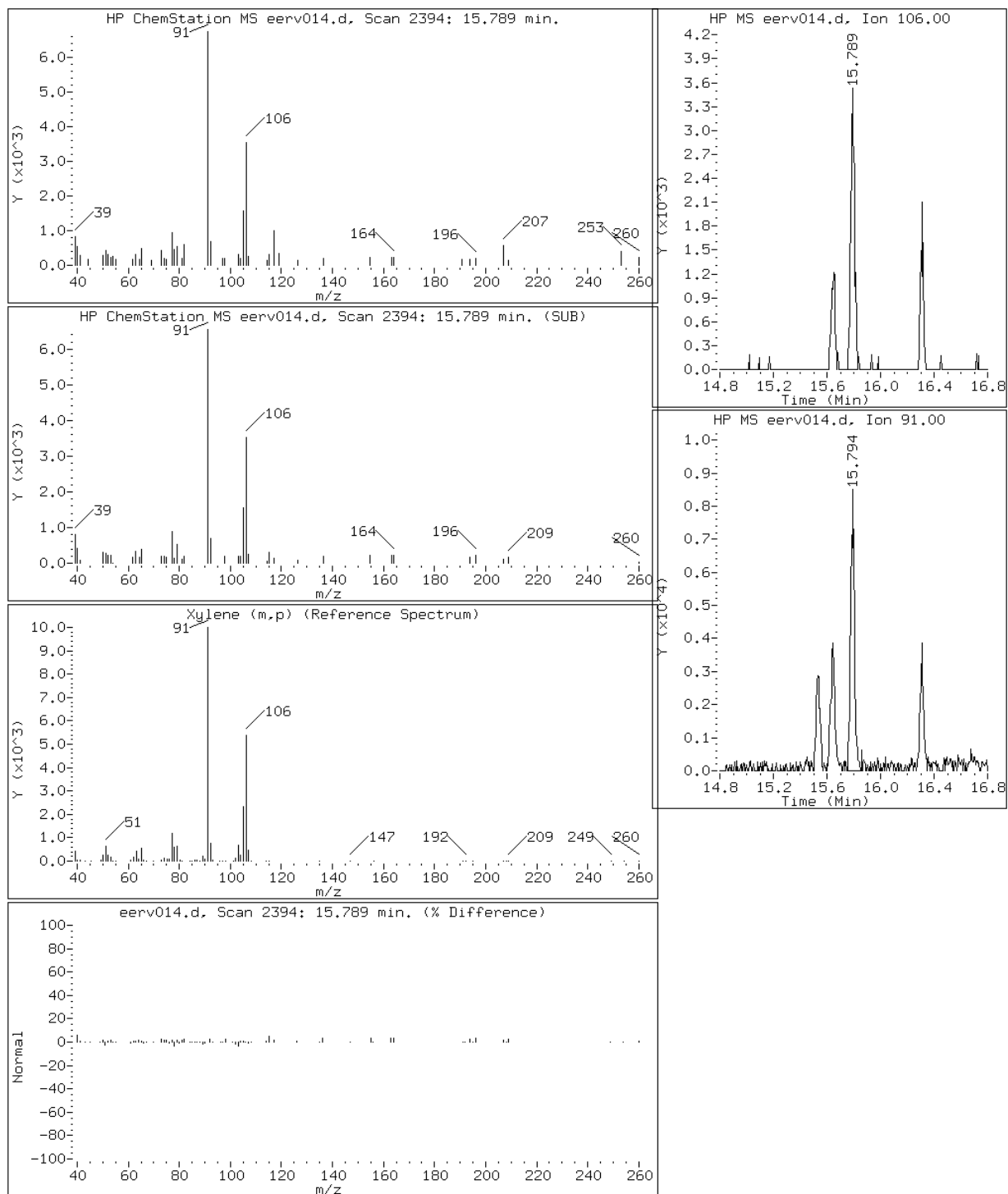
Client ID: AM-1

Instrument: E.i

Sample Info: 200-9580-A-7

Operator: wrd

69 Xylene (m,p)



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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 31788

SDG No.: 200-9580

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

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-31788/3	ic 273310	eer003.d
Level 2	IC 200-31788/4	ic 273310	eer004.d
Level 3	IC 200-31788/5	ic 273310	eer005.d
Level 4	IC 200-31788/6	ic 273311	eer006.d
Level 5	ICIS 200-31788/7	icis 273311	eer007.d
Level 6	IC 200-31788/8	ic 273313	eer008.d
Level 7	IC 200-31788/9	ic 273313	eer009.d
Level 8	IC 200-31788/10	ic 273313	eer010.d
Level 9	IC 200-31788/11	ic 273171	eer011.d
Level 10	IC 200-31788/12	ic 273171	eer012.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	1.3912 1.4164	1.3161 ++++	1.7381 1.3772	1.4285 ++++	1.4374 ++++	Ave		1.4436				9.4		30.0			
1,2-Dichlorotetrafluoroethane	1.5402 1.3404	1.3559 ++++	1.5889 1.2695	1.3322 ++++	1.3413 ++++	Ave		1.3955				8.6		30.0			
Chloromethane	++++ 0.2758	++++ 0.2543	++++ 0.2635	0.3054 0.2775	0.2971 0.2697	Ave		0.2776				6.5		30.0			
Vinyl chloride	++++ 0.3689	0.4205 ++++	0.5101 0.3399	0.3693 ++++	0.3725 ++++	Ave		0.3969				15.4		30.0			
1,3-Butadiene	++++ 0.2432	0.3082 ++++	0.3281 0.2340	0.2595 ++++	0.2524 ++++	Ave		0.2709				14.1		30.0			
Bromomethane	++++ 0.4430	0.5181 ++++	0.5856 0.4224	0.4742 ++++	0.4771 ++++	Ave		0.4867				12.0		30.0			
Chloroethane	++++ 0.1907	0.2545 ++++	0.2587 0.1836	0.2081 ++++	0.1977 ++++	Ave		0.2156				15.2		30.0			
2-Methyl-2-propanol	++++ 0.2187	++++ 0.1338	++++ ++++	++++ 0.2677	++++ 0.2542	Ave		0.2186				27.5		30.0			
Bromoethene (Vinyl Bromide)	++++ 0.5181	0.5387 ++++	0.7308 0.5019	0.5445 ++++	0.5203 ++++	Ave		0.5591				15.3		30.0			
Trichlorofluoromethane	2.4444 2.0110	2.0126 ++++	2.4407 1.9261	2.0741 ++++	2.0200 ++++	Ave		2.1327				10.1		30.0			
Isopropyl alcohol	++++ 0.2083	++++ 0.1037	++++ 0.1295	0.1640 0.2315	0.1179 0.2344	Ave		0.1699				32.4	*	30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 1.3178	++++ ++++	1.6598 1.2772	1.3926 ++++	1.3057 ++++	Ave		1.3906				11.2		30.0			
1,1-Dichloroethene	0.7390 0.5393	0.5896 ++++	0.7304 0.5372	0.5558 ++++	0.5615 ++++	Ave		0.6076				14.6		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.: 200-9580-1 Analy Batch No.: 31788
SDG No.: 200-9580
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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								
Acetone	++++ 0.8469	++++ 0.7625	++++ 0.7839	++++ 0.5461	++++ 0.5960	Ave		0.7071				18.3		30.0			
Carbon disulfide	++++ 1.5195	++++ 1.4706	++++ 1.4982	++++ 1.6247	++++ 1.6261	Ave		1.5463				3.9		30.0			
3-Chloropropene	++++ 0.4171	0.6432 ++++	0.5586 0.4175	0.3991 ++++	0.4065 ++++	Ave		0.4737				21.6		30.0			
Methylene Chloride	++++ 0.5104	++++ 0.4805	++++ 0.4802	0.6063 0.5094	0.5342 0.5169	Ave		0.5197				8.2		30.0			
trans-1,2-Dichloroethene	1.0013 0.8002	0.8338 ++++	1.0381 0.7851	0.8005 ++++	0.7903 ++++	Ave		0.8642				12.5		30.0			
Methyl tert-butyl ether	1.1817 1.3029	1.2018 ++++	1.7526 1.4333	1.2191 ++++	1.3835 ++++	Ave		1.3536				14.8		30.0			
n-Hexane	++++ 0.6716	0.7314 ++++	0.9211 0.6804	0.7141 ++++	0.6846 ++++	Ave		0.7338				12.9		30.0			
1,1-Dichloroethane	1.1045 0.9316	1.0025 ++++	1.2711 0.8891	0.8846 ++++	0.8943 ++++	Ave		0.9968				14.5		30.0			
2-Butanone (MEK)	++++ 1.1649	++++ 1.1468	++++ 1.3253	0.9556 1.0052	1.1535 1.1420	Ave		1.1276				10.6		30.0			
Tetrahydrofuran	++++ 0.0595	++++ 0.0588	++++ 0.0680	0.0562 0.0517	0.0640 0.0580	Ave		0.0595				8.9		30.0			
cis-1,2-Dichloroethene	0.7003 0.5644	0.6170 ++++	0.7997 0.5427	0.5282 ++++	0.5368 ++++	Ave		0.6127				16.7		30.0			
Methyl methacrylate	++++ 0.0577	++++ 0.0590	++++ 0.0752	0.0313 0.0569	0.0489 0.0687	Ave		0.0568				24.9		30.0			
1,4-Dioxane	++++ 0.0262	++++ 0.0200	++++ 0.0269	0.0184 0.0300	0.0196 0.0322	Ave		0.0248				22.0		30.0			
Chloroform	1.6948 1.3812	1.4715 ++++	1.7787 1.2476	1.2880 ++++	1.3085 ++++	Ave		1.4529				14.3		30.0			
Cyclohexane	0.2049 0.1670	0.1704 ++++	0.2061 0.1696	0.1672 ++++	0.1719 ++++	Ave		0.1796				9.9		30.0			
1,1,1-Trichloroethane	0.3848 0.3625	0.3731 ++++	0.4520 0.3431	0.3503 ++++	0.3539 ++++	Ave		0.3742				9.9		30.0			
Carbon tetrachloride	0.4721 0.4119	0.4160 ++++	0.5094 0.4026	0.4095 ++++	0.4199 ++++	Ave		0.4345				9.3		30.0			
2,2,4-Trimethylpentane	0.4916 0.4193	0.4455 ++++	0.5819 0.4002	0.4260 ++++	0.4260 ++++	Ave		0.4534				14.2		30.0			
Benzene	0.4567 0.3081	0.3360 ++++	0.3988 0.2904	0.2749 ++++	0.3066 ++++	Ave		0.3388				19.4		30.0			
1,2-Dichloropropane	++++ 0.0867	0.0947 ++++	0.1181 0.0872	0.0834 ++++	0.0873 ++++	Ave		0.0929				13.9		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.: 200-9580-1 Analy Batch No.: 31788
SDG No.: 200-9580
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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								
1,2-Dichloroethane	++++ 0.1737	0.1963 ++++	0.2175 0.1644	0.1507 ++++	0.1709 ++++	Ave		0.1789				13.4		30.0			
n-Heptane	0.1305 0.1312	0.1475 ++++	0.1783 0.1240	0.1267 ++++	0.1321 ++++	Ave		0.1386				13.7		30.0			
Trichloroethene	0.1992 0.1813	0.1943 ++++	0.2302 0.1660	0.1692 ++++	0.1699 ++++	Ave		0.1872				12.2		30.0			
Bromodichloromethane	0.2606 0.2642	0.2540 ++++	0.3209 0.2620	0.2187 ++++	0.2511 ++++	Ave		0.2616				11.6		30.0			
2-Hexanone	++++ 0.0682	++++ 0.0419	++++ 0.0651	0.0403 0.0662	0.0365 0.0749	Ave		0.0562				28.3		30.0			
cis-1,3-Dichloropropene	0.1475 0.1436	0.1358 ++++	0.1893 0.1481	0.1244 ++++	0.1378 ++++	Ave		0.1467				14.0		30.0			
4-Methyl-2-pentanone (MIBK)	++++ 0.0666	++++ 0.0522	++++ 0.0814	0.0445 0.0712	0.0571 0.0834	Ave		0.0652				22.5		30.0			
Toluene	0.2496 0.2352	0.2471 ++++	0.3068 0.2363	0.2164 ++++	0.2458 ++++	Ave		0.2482				11.4		30.0			
trans-1,3-Dichloropropene	0.1313 0.1348	0.1295 ++++	0.1647 0.1541	0.1118 ++++	0.1272 ++++	Ave		0.1362				13.0		30.0			
1,1,2-Trichloroethane	0.0902 0.1063	0.1116 ++++	0.1432 0.1094	0.0947 ++++	0.1048 ++++	Ave		0.1086				15.8		30.0			
Tetrachloroethene	0.3868 0.2915	0.3521 ++++	0.4146 0.2693	0.2970 ++++	0.2975 ++++	Ave		0.3298				16.7		30.0			
Dibromochloromethane	0.2347 0.2663	0.2346 ++++	0.2986 0.2770	0.2168 ++++	0.2571 ++++	Ave		0.2550				11.1		30.0			
1,2-Dibromoethane	0.1901 0.2131	0.1962 ++++	0.2657 0.2155	0.1677 ++++	0.2047 ++++	Ave		0.2076				14.6		30.0			
Chlorobenzene	++++ 0.3498	++++ 0.3347	0.4576 0.3445	0.3224 0.2693	0.3496 0.2963	Ave		0.3405				16.2		30.0			
Ethylbenzene	0.4137 0.4736	0.4058 ++++	0.6027 0.5170	0.4008 ++++	0.4747 ++++	Ave		0.4698				15.5		30.0			
m-Xylene & p-Xylene	0.1139 0.1841	0.1327 ++++	0.1985 0.2056	0.1313 ++++	0.1715 ++++	Ave		0.1625				22.4		30.0			
o-Xylene	0.1156 0.1753	0.1184 ++++	0.1964 0.2044	0.1192 ++++	0.1578 ++++	Ave		0.1553				24.6		30.0			
Styrene	++++ 0.1413	0.0893 0.1621	0.1180 ++++	0.0747 ++++	0.1065 ++++	Ave		0.1153				28.2		30.0			
Bromoform	0.1274 0.1975	0.1360 ++++	0.2055 0.2368	0.1378 ++++	0.1622 ++++	Ave		0.1719				24.4		30.0			
1,1,2,2-Tetrachloroethane	0.1084 0.1232	0.1041 ++++	0.1658 0.1689	0.0980 ++++	0.1180 ++++	Ave		0.1266				22.9		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.: 200-9580-1 Analy Batch No.: 31788

SDG No.: 200-9580

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

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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								
4-Ethyltoluene	0.2528 0.3024	0.2139 +++++	0.4043 0.4492	0.2158 +++++	0.2734 +++++	Ave		0.3017				30.4	*	30.0			
2-Chlorotoluene	+++++ 0.3890	+++++ 0.4100	0.4723 0.4919	0.2652 0.3710	0.3386 0.4281	Ave		0.3958				18.5		30.0			
1,3,5-Trimethylbenzene	+++++ 0.2401	0.2196 +++++	0.3352 0.3554	0.1781 +++++	0.2317 +++++	Ave		0.2600				26.8		30.0			
1,2,4-Trimethylbenzene	+++++ 0.2197	+++++ 0.2253	0.3008 0.3093	0.1668 0.2226	0.2125 0.2672	Ave		0.2405				20.0		30.0			
1,3-Dichlorobenzene	+++++ 0.1979	+++++ 0.1915	0.2667 0.2395	0.1785 0.1853	0.1932 0.2080	Ave		0.2076				14.6		30.0			
1,4-Dichlorobenzene	+++++ 0.1980	+++++ 0.1930	0.2891 0.2254	0.1758 0.1824	0.1897 0.1984	Ave		0.2065				17.7		30.0			
1,2-Dichlorobenzene	+++++ 0.1664	+++++ 0.1620	0.2387 0.1885	0.1587 0.1608	0.1711 0.1702	Ave		0.1770				15.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.0619	+++++ 0.0714	+++++ 0.0761	0.0610 0.0628	0.0706 0.0666	Ave		0.0672				8.5		30.0			
Hexachlorobutadiene	+++++ 0.0679	+++++ 0.0678	0.1051 0.0713	0.0679 0.0686	0.0710 0.0689	Ave		0.0735				17.4		30.0			
Naphthalene	+++++ 0.1212	+++++ 0.1431	+++++ 0.1497	0.1073 0.1146	0.1383 0.1214	Ave		0.1279				12.4		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.: 200-9580-1 Analy Batch No.: 31788

SDG No.: 200-9580

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

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-31788/3	eer003.d
Level 2	IC 200-31788/4	eer004.d
Level 3	IC 200-31788/5	eer005.d
Level 4	IC 200-31788/6	eer006.d
Level 5	ICIS 200-31788/7	eer007.d
Level 6	IC 200-31788/8	eer008.d
Level 7	IC 200-31788/9	eer009.d
Level 8	IC 200-31788/10	eer010.d
Level 9	IC 200-31788/11	eer011.d
Level 10	IC 200-31788/12	eer012.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	5930 290583	11373 +++++	28587 585117	58290 +++++	115667 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dichlorotetrafluoroethane	BCM	Ave	6565 274979	11717 +++++	26132 539360	54358 +++++	107935 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloromethane	BCM	Ave	+++++ 56577	+++++ 79955	+++++ 111973	12461 179756	23909 236950	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Vinyl chloride	BCM	Ave	+++++ 75684	+++++ 3634	8390 144412	15068 +++++	29973 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,3-Butadiene	BCM	Ave	+++++ 49897	+++++ 2663	5397 99437	10588 +++++	20308 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromomethane	BCM	Ave	+++++ 90873	+++++ 4477	9631 179450	19349 +++++	38394 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloroethane	BCM	Ave	+++++ 39123	+++++ 2199	4254 78022	8493 +++++	15911 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
2-Methyl-2-propanol	BCM	Ave	+++++ 44873	+++++ 42062	+++++ +++++	+++++ 173365	+++++ 223282	+++++ 0.500	+++++ 0.750	+++++ +++++	+++++ 1.50	+++++ 2.00
Bromoethene (Vinyl Bromide)	BCM	Ave	+++++ 106293	+++++ 4655	12020 213249	22220 +++++	41868 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Trichlorofluoromethane	BCM	Ave	10419 412567	17392 +++++	40141 818348	84632 +++++	162549 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Isopropyl alcohol	BCM	Ave	+++++ 42726	+++++ 32616	+++++ 55019	6690 149919	9489 205920	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
1,1,2-Trichloro-1,2,2-trifluoroethane	BCM	Ave	+++++ 270349	+++++ +++++	27299 542658	56826 +++++	105067 +++++	+++++ 0.500	+++++ +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1-Dichloroethene	BCM	Ave	3150 110643	5095 +++++	12013 228246	22680 +++++	45185 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Acetone	BCM	Ave	+++++ 173746	+++++ 239763	+++++ 333051	+++++ 353724	+++++ 523555	+++++ 0.500	+++++ 0.750	+++++ 1.00	+++++ 1.50	+++++ 2.00

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 31788

SDG No.: 200-9580

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

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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
Carbon disulfide	BCM	Ave	++++ 311727	++++ 462436	++++ 636544	62771 1052265	124485 1428563	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
3-Chloropropene	BCM	Ave	++++ 85568	++++ 177372	5558 9188 177372	16287 32712	32712	++++ 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Methylene Chloride	BCM	Ave	++++ 104699	++++ 151088	++++ 204035	24739 329936	42989 454115	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
trans-1,2-Dichloroethene	BCM	Ave	4268 164170	7205 ++++	17074 333551	32662 ++++	63595 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Methyl tert-butyl ether	BCM	Ave	5037 267286	10385 ++++	28825 608951	49745 ++++	111333 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
n-Hexane	BCM	Ave	++++ 137772	6320 ++++	15149 289084	29138 ++++	55087 ++++	++++ 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1-Dichloroethane	BCM	Ave	4708 191110	8663 ++++	20905 377769	36096 ++++	71968 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
2-Butanone (MEK)	BCM	Ave	++++ 238976	++++ 360607	++++ 563056	38992 651071	92825 1003286	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
Tetrahydrofuran	DFB	Ave	++++ 60216	++++ 89084	++++ 141938	11358 158782	25127 244817	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
cis-1,2-Dichloroethene	BCM	Ave	2985 115787	5332 ++++	13153 230595	21551 ++++	43195 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Methyl methacrylate	DFB	Ave	++++ 58324	++++ 89410	++++ 156942	6319 174750	19202 289866	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
1,4-Dioxane	DFB	Ave	++++ 26537	++++ 30329	++++ 56053	3726 92083	7689 135829	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
Chloroform	BCM	Ave	7224 283360	12716 ++++	29254 530074	52555 ++++	105297 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Cyclohexane	DFB	Ave	4364 168942	7206 ++++	16736 353914	33775 ++++	67496 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,1-Trichloroethane	DFB	Ave	8194 366691	15773 ++++	36711 715931	70772 ++++	138949 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Carbon tetrachloride	DFB	Ave	10054 416656	17588 ++++	41378 840046	82722 ++++	164874 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
2,2,4-Trimethylpentane	DFB	Ave	10469 424107	18834 ++++	47266 835115	82638 ++++	167235 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Benzene	DFB	Ave	9725 311701	14206 ++++	32395 605924	55543 ++++	120395 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dichloropropane	DFB	Ave	++++ 87748	4005 ++++	9592 181970	16854 ++++	34294 ++++	++++ 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dichloroethane	DFB	Ave	++++ 175666	8300 ++++	17662 342977	30455 ++++	67107 ++++	++++ 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
n-Heptane	DFB	Ave	2778 132759	6235 ++++	14486 258664	25599 ++++	51868 ++++	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.: 200-9580-1

Analy Batch No.: 31788

SDG No.: 200-9580

Instrument ID: E.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42

Calibration End Date: 01/05/2012 02:54

Calibration ID: 12699

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
Trichloroethene	DFB	Ave	4242 183373	8217 ++++	18701 346408	34180 ++++	66725 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Bromodichloromethane	DFB	Ave	5550 267214	10740 ++++	26065 546574	44186 ++++	98587 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
2-Hexanone	CBZ	Ave	++++ 62421	++++ 57231	++++ 125830	7250 188165	12701 291546	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
cis-1,3-Dichloropropene	DFB	Ave	3141 145229	5740 ++++	15379 309066	25135 ++++	54122 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
4-Methyl-2-pentanone (MIBK)	DFB	Ave	++++ 67405	++++ 79154	++++ 169831	8984 218797	22435 351684	++++ 0.500	++++ 0.750	++++ 1.00	0.100 1.50	0.200 2.00
Toluene	CBZ	Ave	4733 215407	9225 ++++	22270 456560	38890 ++++	85496 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
trans-1,3-Dichloropropene	DFB	Ave	2797 136315	5475 ++++	13374 321482	22592 ++++	49929 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,2-Trichloroethane	CBZ	Ave	1710 97354	4166 ++++	10394 211408	17021 ++++	36465 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Tetrachloroethene	CBZ	Ave	7334 267034	13143 ++++	30099 520337	53386 ++++	103489 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Dibromochloromethane	CBZ	Ave	4451 243943	8756 ++++	21680 535119	38959 ++++	89429 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dibromoethane	CBZ	Ave	3605 195199	7324 ++++	19291 416423	30138 ++++	71222 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Chlorobenzene	CBZ	Ave	++++ 320347	++++ 456897	33218 665659	57938 765644	121613 1153387	++++ 0.500	++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
Ethylbenzene	CBZ	Ave	7845 433785	15146 ++++	43757 998845	72044 ++++	165145 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
m-Xylene & p-Xylene	CBZ	Ave	4320 337270	9906 ++++	28818 794460	47197 ++++	119347 ++++	0.0200 1.00	0.0400 ++++	0.0800 2.00	0.200 ++++	0.400 ++++
o-Xylene	CBZ	Ave	2192 160575	4421 ++++	14255 394947	21421 ++++	54899 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Styrene	CBZ	Ave	++++ 129451	3334 221208	8567 ++++	13423 ++++	37034 ++++	++++ 0.500	0.0200 0.750	0.0400 ++++	0.100 ++++	0.200 ++++
Bromoform	CBZ	Ave	2416 180895	5076 ++++	14919 457485	24769 ++++	56436 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,2,2-Tetrachloroethane	CBZ	Ave	2055 112881	3886 ++++	12035 326274	17609 ++++	41036 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
4-Ethyltoluene	CBZ	Ave	4794 276968	7985 ++++	29353 867931	38781 ++++	95088 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
2-Chlorotoluene	CBZ	Ave	++++ 356262	++++ 559680	34286 950442	47664 1054836	117793 1666234	++++ 0.500	++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 219885	8196 ++++	24334 686620	32004 ++++	80600 ++++	++++ 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.: 200-9580-1 Analy Batch No.: 31788

SDG No.: 200-9580

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

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 201258	+++++ 307549	21838 597562	29980 632833	73912 1039899	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 181290	+++++ 261334	19360 462650	32078 526865	67199 809506	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 181313	+++++ 263441	20991 435519	31592 518601	65996 772287	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 152401	+++++ 221105	17330 364127	28520 457137	59522 662357	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 56675	+++++ 97429	+++++ 146981	10967 178636	24572 259363	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Hexachlorobutadiene	CBZ	Ave	+++++ 62154	+++++ 92511	7628 137667	12201 195204	24701 268099	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
Naphthalene	CBZ	Ave	+++++ 110977	+++++ 195261	+++++ 289175	19279 325909	48126 472364	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer003.d
 Lab Smp Id: ic 273310 Client Smp ID: ic 273310
 Inj Date : 04-JAN-2012 18:42
 Operator : wrd Inst ID: E.i
 Smp Info : ic 273310
 Misc Info : 100,1,level 1
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/to15113t.m
 Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
 Cal Date : 04-JAN-2012 18:42 Cal File: eer003.d
 Als bottle: 1 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Propene	41		Compound Not Detected.					
2 Dichlorodifluoromethane	85		3.174	3.174	(0.318)	5930	0.01000	0.0096(a)
3 Chlorodifluoromethane	51		3.217	3.222	(0.322)	3898	0.01000	0.014(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.415	3.415	(0.342)	6565	0.01000	0.011
5 Chloromethane	50		3.538	3.543	(0.354)	4069	0.01000	0.034(a)
6 Butane	43		3.720	3.720	(0.373)	2508	0.01000	0.013(a)
7 Vinyl chloride	62		3.752	3.757	(0.376)	1982	0.01000	0.012(a)
8 1,3-Butadiene	54		3.827	3.827	(0.383)	1619	0.01000	0.014(a)
9 Bromomethane	94		4.447	4.447	(0.445)	2845	0.01000	0.014(a)
10 Chloroethane	64		4.656	4.656	(0.466)	896	0.01000	0.0098(a)
12 Vinyl bromide	106		5.030	5.036	(0.504)	2910	0.01000	0.012(a)
13 Trichlorofluoromethane	101		5.127	5.138	(0.513)	10419	0.01000	0.011
15 Ethanol	45		Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.282	6.282	(0.629)	7503	0.01000	0.013(a)

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.346	6.341 (0.636)		3150	0.01000	0.012
20 Acetone	43	6.646	6.646 (0.666)		52658	0.01000	0.17(a)
23 Carbon disulfide	76	6.774	6.780 (0.678)		7802	0.01000	0.012(a)
21 Isopropanol	45	6.994	7.021 (0.700)		2852	0.01000	0.039(aQ)
22 Allyl chloride	41	7.133	7.138 (0.714)		3253	0.01000	0.016(a)
25 Methylene chloride	49	7.427	7.433 (0.744)		7235	0.01000	0.033(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 1,2-Dichloroethene (trans)	61	7.860	7.861 (0.787)		4268	0.01000	0.012
28 Methyl tert-butyl ether	73	7.951	7.946 (0.796)		5037	0.01000	0.0087(a)
30 n-Hexane	57	8.203	8.203 (0.822)		3384	0.01000	0.011(a)
31 1,1-Dichloroethane	63	8.657	8.658 (0.867)		4708	0.01000	0.011
32 Vinyl acetate	43	8.732	8.716 (0.875)		2030	0.01000	0.0082(a)
M 33 1,2-Dichloroethene, Total	61				7253	0.02000	0.023
34 1,2-Dichloroethene (cis)	96	9.610	9.605 (0.962)		2985	0.01000	0.011
38 Methyl Ethyl Ketone	43	Compound Not Detected.					
35 Ethyl acetate	88	Compound Not Detected.					
* 36 Bromochloromethane	128	9.984	9.990 (1.000)		852484	2.00000	
37 Tetrahydrofuran	42	Compound Not Detected.					
39 Chloroform	83	10.070	10.075 (1.009)		7224	0.01000	0.012
40 Cyclohexane	84	10.310	10.305 (0.902)		4364	0.01000	0.011
41 1,1,1-Trichloroethane	97	10.310	10.316 (0.902)		8194	0.01000	0.010
42 Carbon tetrachloride	117	10.508	10.514 (0.919)		10054	0.01000	0.011
43 2,2,4-Trimethylpentane	57	10.813	10.803 (0.946)		10469	0.01000	0.011
44 Benzene	78	10.856	10.851 (0.950)		9725	0.01000	0.013
45 1,2-Dichloroethane	62	10.985	10.979 (0.961)		4211	0.01000	0.011(a)
46 n-Heptane	43	11.075	11.076 (0.969)		2778	0.01000	0.0094(aQ)
* 47 1,4-Difluorobenzene	114	11.429	11.429 (1.000)		4259084	2.00000	
49 Trichloroethene	95	11.782	11.782 (1.031)		4242	0.01000	0.011
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	12.536	12.531 (1.097)		5550	0.01000	0.0100
55 1,3-Dichloropropene (cis)	75	13.162	13.162 (1.152)		3141	0.01000	0.010
56 Methyl isobutyl ketone	43	13.403	13.403 (1.173)		1524	0.01000	0.011(aQ)
58 Toluene	92	13.585	13.579 (0.874)		4733	0.01000	0.010
59 1,3-Dichloropropene (trans)	75	13.954	13.959 (1.221)		2797	0.01000	0.0096(a)
60 1,1,2-Trichloroethane	83	14.237	14.227 (0.916)		1710	0.01000	0.0083(a)
61 Tetrachloroethene	166	14.344	14.344 (0.923)		7334	0.01000	0.012
62 2-Hexanone	43	14.569	14.564 (0.937)		763	0.01000	0.0072(aQ)
63 Dibromochloromethane	129	14.783	14.778 (0.951)		4451	0.01000	0.0092(a)
64 1,2-Dibromoethane	107	14.975	14.976 (0.964)		3605	0.01000	0.0092(a)
* 65 Chlorobenzene-d5	117	15.543	15.543 (1.000)		3792264	2.00000	
66 Chlorobenzene	112	15.580	15.585 (1.002)		6717	0.01000	0.010(aQ)
67 Ethylbenzene	91	15.660	15.650 (1.008)		7845	0.01000	0.0088(a)
69 Xylene (m,p)	106	15.805	15.799 (1.017)		4320	0.02000	0.014(a)
M 70 Xylene, Total	106				6512	0.03000	0.021
71 Xylene (o)	106	16.313	16.318 (1.050)		2192	0.01000	0.0074(aQ)

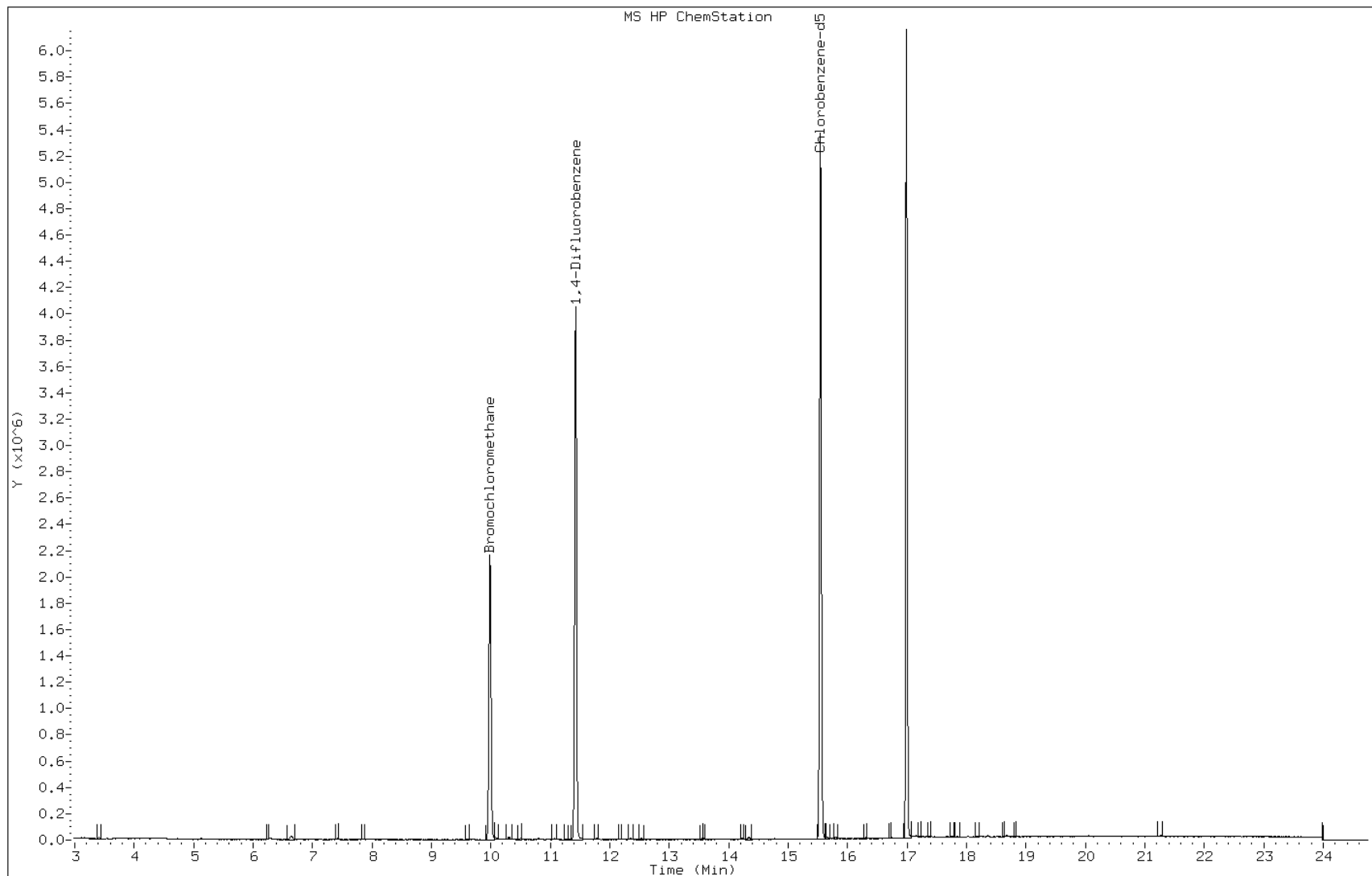
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.334	16.345	(1.051)	1328	0.01000	0.0061(aQ)
73 Bromoform	173	16.645	16.634	(1.071)	2416	0.01000	0.0074(aM)
74 Isopropylbenzene	105	16.725	16.730	(1.076)	4746	0.01000	0.0057(a)
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	2055	0.01000	0.0086(aQ)
76 n-Propylbenzene	91	17.217	17.212	(1.108)	5355	0.01000	0.0070(aQ)
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	4794	0.01000	0.0084(a)
80 2-Chlorotoluene	91	17.383	17.378	(1.118)	5504	0.01000	0.0073(aQ)
81 1,3,5-Trimethylbenzene	105	17.410	17.404	(1.120)	4311	0.01000	0.0087(a)
83 tert-butylbenzene	119	17.773	17.774	(1.144)	5343	0.01000	0.011(aQ)
84 1,2,4-Trimethylbenzene	105	17.838	17.843	(1.148)	4447	0.01000	0.0098(a)
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	6074	0.01000	0.0095(a)
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	4290	0.01000	0.0086(a)
87 1,3-Dichlorobenzene	146	18.255	18.250	(1.175)	4444	0.01000	0.011(a)
88 1,4-Dichlorobenzene	146	18.367	18.362	(1.182)	4576	0.01000	0.012(a)
89 Benzyl chloride	91	18.512	18.512	(1.191)	2794	0.01000	0.013(a)
91 n-Butylbenzene	91	18.672	18.672	(1.201)	3872	0.01000	0.0097(aQ)
92 1,2-Dichlorobenzene	146	18.822	18.833	(1.211)	3700	0.01000	0.011(aQ)
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	1867	0.01000	0.015(aQ)
95 1,3-Hexachlorobutadiene	225	21.251	21.262	(1.367)	1949	0.01000	0.014(aQ)
96 Naphthalene	128	21.588	21.582	(1.389)	3535	0.01000	0.014(a)

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: eer003.d
Client ID: ic 273310
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273310
Lab Sample ID: ic 273310

Date: 04-JAN-2012 18:42
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



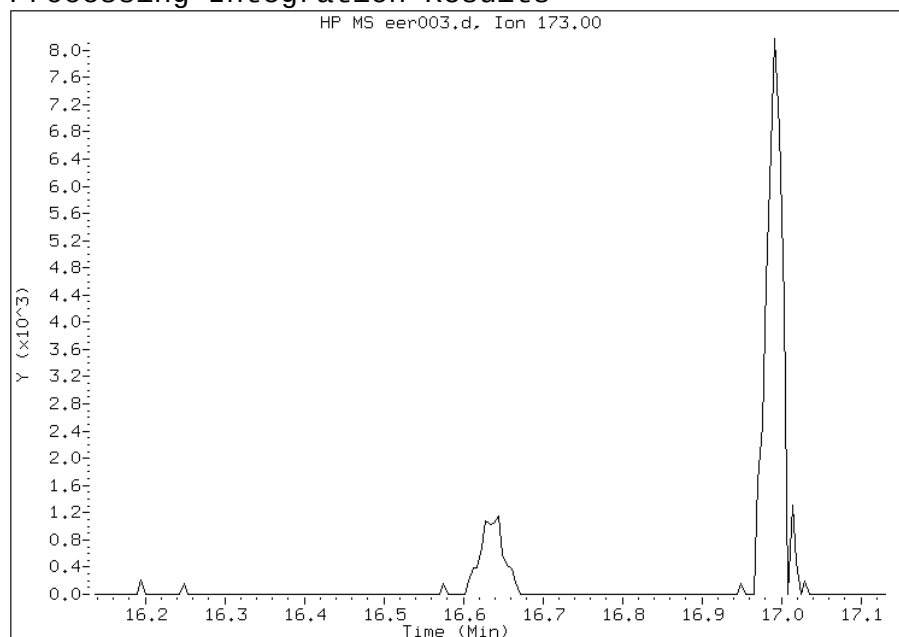
Manual Integration Report

Data File: eer003.d
Lab Sample ID: ic 273310
Inj. Date and Time: 04-JAN-2012 18:42
Instrument ID: E.i
Client ID: ic 273310
Compound: 73 Bromoform
CAS #: 75-25-2
Report Date: 01/12/2012

Processing Integration Results

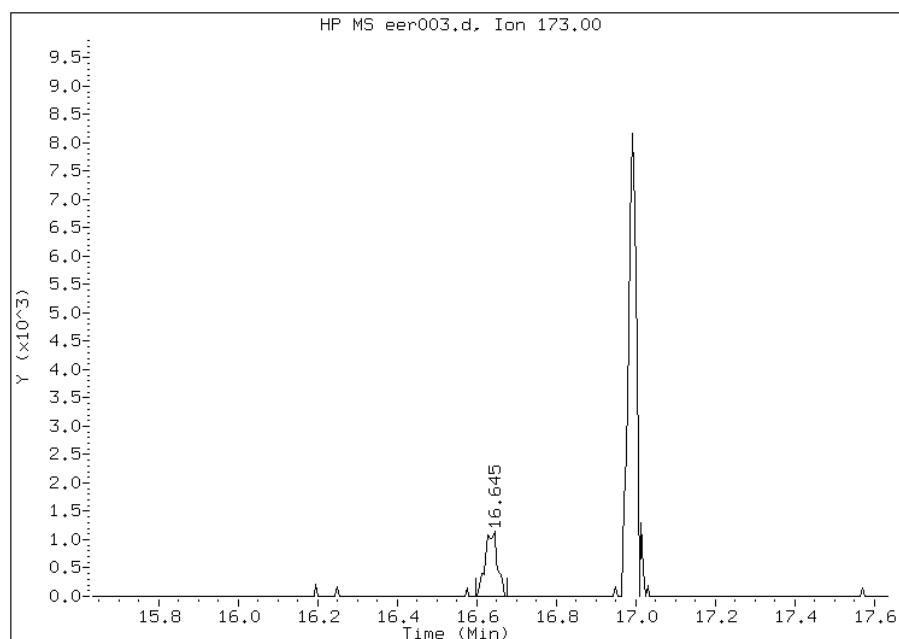
Not Detected

Expected RT: 16.63



Manual Integration Results

RT: 16.64
Response: 2416
Amount: 0.007413
Conc: 0.007413



File Uploaded By: jd1
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer004.d
 Lab Smp Id: ic 273310 Client Smp ID: ic 273310
 Inj Date : 04-JAN-2012 19:37
 Operator : wrd Inst ID: E.i
 Smp Info : ic 273310
 Misc Info : 200,1,level 2
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/to15113t.m
 Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
 Cal Date : 04-JAN-2012 19:37 Cal File: eer004.d
 Als bottle: 1 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		3.115	3.115	(0.312)	2617	0.02000	0.027(aQ)
2 Dichlorodifluoromethane	85		3.174	3.174	(0.318)	11373	0.02000	0.018
3 Chlorodifluoromethane	51		3.222	3.222	(0.323)	6462	0.02000	0.024(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.409	3.415	(0.341)	11717	0.02000	0.019
5 Chloromethane	50		3.538	3.543	(0.354)	4452	0.02000	0.037(a)
6 Butane	43		Compound Not Detected.					
7 Vinyl chloride	62		3.763	3.757	(0.377)	3634	0.02000	0.021
8 1,3-Butadiene	54		3.827	3.827	(0.383)	2663	0.02000	0.023
9 Bromomethane	94		4.437	4.447	(0.444)	4477	0.02000	0.021
10 Chloroethane	64		4.651	4.656	(0.466)	2199	0.02000	0.024
12 Vinyl bromide	106		5.030	5.036	(0.504)	4655	0.02000	0.019(a)
13 Trichlorofluoromethane	101		5.132	5.138	(0.514)	17392	0.02000	0.019
15 Ethanol	45		5.811	5.828	(0.582)	1411	0.04000	0.040(a)
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.277	6.282	(0.628)	12571	0.02000	0.021(a)

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.336	6.341	(0.634)	5095	0.02000	0.019
20 Acetone	43	6.646	6.646	(0.665)	58645	0.02000	0.19(a)
23 Carbon disulfide	76	6.785	6.780	(0.679)	13211	0.02000	0.020(a)
21 Isopropanol	45	Compound Not Detected.					
22 Allyl chloride	41	7.138	7.138	(0.715)	5558	0.02000	0.027
25 Methylene chloride	49	7.422	7.433	(0.743)	9646	0.02000	0.043(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.786)	7205	0.02000	0.019
28 Methyl tert-butyl ether	73	7.951	7.946	(0.796)	10385	0.02000	0.018
30 n-Hexane	57	8.208	8.203	(0.822)	6320	0.02000	0.020
31 1,1-Dichloroethane	63	8.668	8.658	(0.868)	8663	0.02000	0.020
32 Vinyl acetate	43	8.722	8.716	(0.873)	3779	0.02000	0.015(a)
M 33 1,2-Dichloroethene, Total	61				12537	0.04000	0.039
34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	5332	0.02000	0.020
38 Methyl Ethyl Ketone	43	9.706	9.695	(0.972)	9438	0.02000	0.019(a)
35 Ethyl acetate	88	Compound Not Detected.					
* 36 Bromochloromethane	128	9.990	9.990	(1.000)	864139	2.00000	
37 Tetrahydrofuran	42	10.097	10.086	(0.883)	3266	0.02000	0.026(a)
39 Chloroform	83	10.070	10.075	(1.008)	12716	0.02000	0.020
40 Cyclohexane	84	10.305	10.305	(0.902)	7206	0.02000	0.019
41 1,1,1-Trichloroethane	97	10.316	10.316	(0.903)	15773	0.02000	0.020
42 Carbon tetrachloride	117	10.508	10.514	(0.919)	17588	0.02000	0.019
43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	18834	0.02000	0.020
44 Benzene	78	10.856	10.851	(0.950)	14206	0.02000	0.020
45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	8300	0.02000	0.022(M)
46 n-Heptane	43	11.065	11.076	(0.968)	6235	0.02000	0.021
* 47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4227987	2.00000	
49 Trichloroethene	95	11.787	11.782	(1.031)	8217	0.02000	0.021
50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	4005	0.02000	0.020(Q)
51 Methyl methacrylate	69	Compound Not Detected.					
53 1,4-Dioxane	88	Compound Not Detected.					
54 Bromodichloromethane	83	12.536	12.531	(1.097)	10740	0.02000	0.019
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	5740	0.02000	0.018
56 Methyl isobutyl ketone	43	13.387	13.403	(1.171)	2141	0.02000	0.016(a)
58 Toluene	92	13.585	13.579	(0.874)	9225	0.02000	0.020
59 1,3-Dichloropropene (trans)	75	13.970	13.959	(1.222)	5475	0.02000	0.019
60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	4166	0.02000	0.020
61 Tetrachloroethene	166	14.339	14.344	(0.923)	13143	0.02000	0.021
62 2-Hexanone	43	Compound Not Detected.					
63 Dibromochloromethane	129	14.788	14.778	(0.951)	8756	0.02000	0.018
64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	7324	0.02000	0.019
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3732596	2.00000	
66 Chlorobenzene	112	15.585	15.585	(1.003)	12665	0.02000	0.020(aQ)
67 Ethylbenzene	91	15.655	15.650	(1.007)	15146	0.02000	0.017
69 Xylene (m,p)	106	15.794	15.799	(1.016)	9906	0.04000	0.033
M 70 Xylene, Total	106				14327	0.06000	0.048
71 Xylene (o)	106	16.313	16.318	(1.050)	4421	0.02000	0.015(Q)

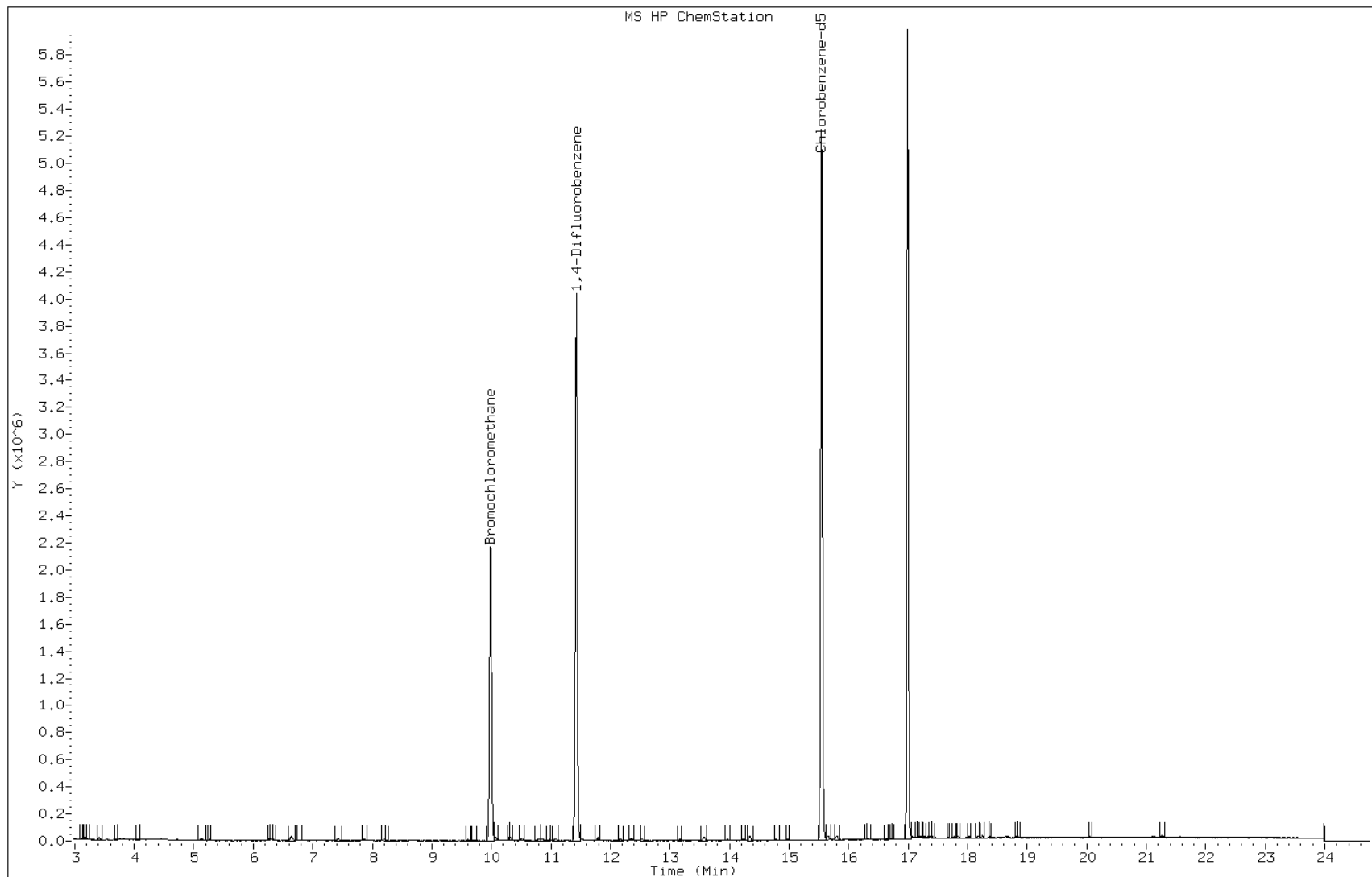
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	3334	0.02000	0.015(Q)
73 Bromoform	173	16.639	16.634	(1.071)	5076	0.02000	0.016
74 Isopropylbenzene	105	16.736	16.730	(1.077)	10177	0.02000	0.012(a)
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	3886	0.02000	0.016
76 n-Propylbenzene	91	17.217	17.212	(1.108)	9632	0.02000	0.013(aQ)
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	7985	0.02000	0.014
80 2-Chlorotoluene	91	17.383	17.378	(1.118)	11557	0.02000	0.016(aQ)
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	8196	0.02000	0.017(a)
83 tert-butylbenzene	119	17.773	17.774	(1.144)	7221	0.02000	0.014(a)
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	6384	0.02000	0.014(a)
85 sec-Butylbenzene	105	18.030	18.025	(1.160)	9888	0.02000	0.016(a)
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	8953	0.02000	0.018(a)
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	8370	0.02000	0.022(a)
88 1,4-Dichlorobenzene	146	18.367	18.362	(1.182)	7642	0.02000	0.020(a)
89 Benzyl chloride	91	18.522	18.512	(1.192)	4027	0.02000	0.020(a)
91 n-Butylbenzene	91	18.677	18.672	(1.202)	7525	0.02000	0.019(a)
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	7225	0.02000	0.022(a)
94 1,2,4-Trichlorobenzene	179	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	3749	0.02000	0.027(a)
96 Naphthalene	128	21.582	21.582	(1.389)	5843	0.02000	0.024(a)

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: eer004.d
Client ID: ic 273310
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273310
Lab Sample ID: ic 273310

Date: 04-JAN-2012 19:37
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

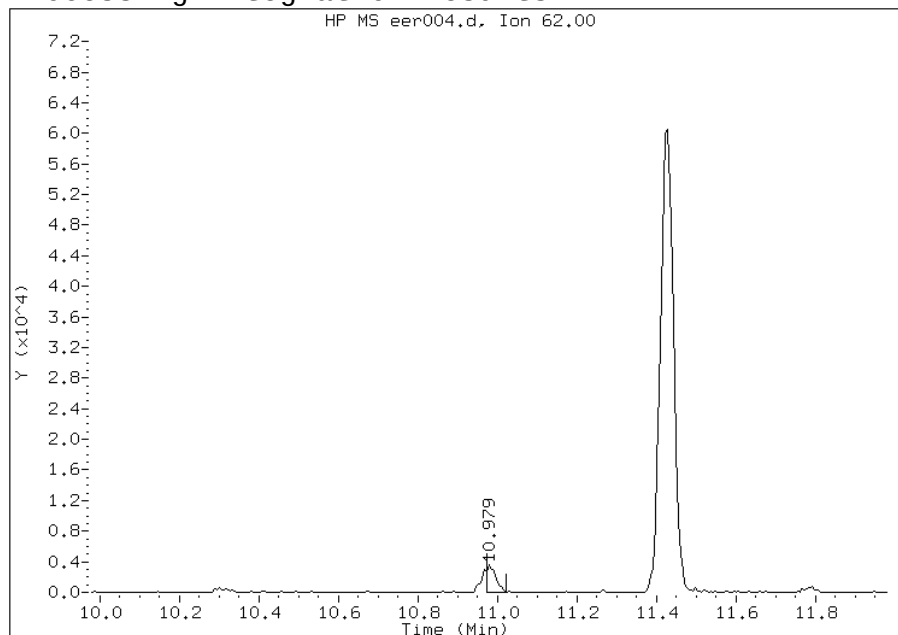


Manual Integration Report

Data File: eer004.d
Lab Sample ID: ic 273310
Inj. Date and Time: 04-JAN-2012 19:37
Instrument ID: E.i
Client ID: ic 273310
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 01/12/2012

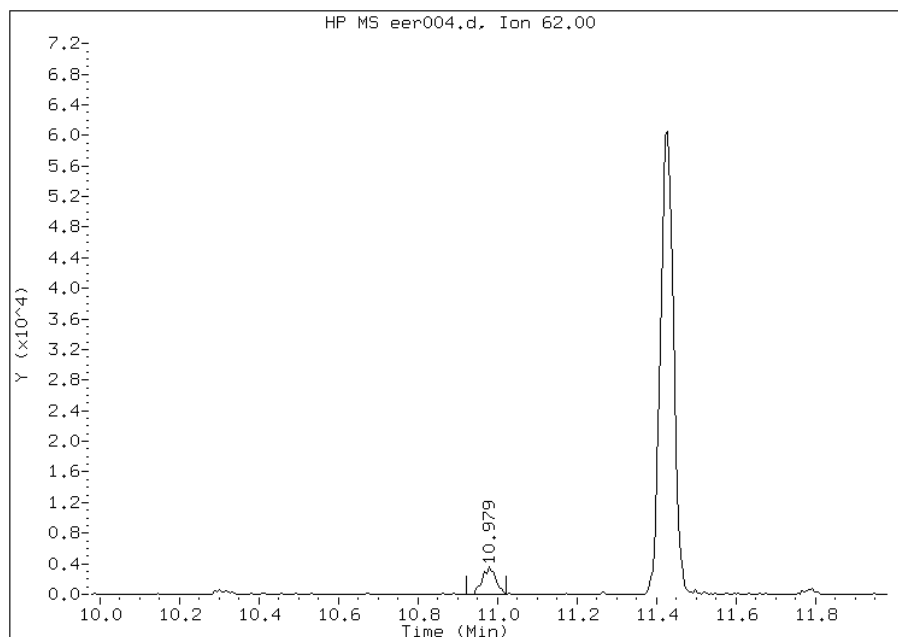
Processing Integration Results

RT: 10.98
Response: 5524
Amount: 0.015557
Conc: 0.015557



Manual Integration Results

RT: 10.98
Response: 8300
Amount: 0.021945
Conc: 0.021945



File Uploaded By: jd1
Manual Integration Reason: Poor chromatography

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer005.d
 Lab Smp Id: ic 273310 Client Smp ID: ic 273310
 Inj Date : 04-JAN-2012 20:32
 Operator : wrd Inst ID: E.i
 Smp Info : ic 273310
 Misc Info : 500,1,level 3
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/to15113t.m
 Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
 Cal Date : 04-JAN-2012 20:32 Cal File: eer005.d
 Als bottle: 1 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
1 Propene	41	3.110	3.115	(0.311)	5203	0.04000	0.057(aQ)	
2 Dichlorodifluoromethane	85	3.169	3.174	(0.317)	28587	0.04000	0.048	
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	13278	0.04000	0.051(a)	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.410	3.415	(0.341)	26132	0.04000	0.046	
5 Chloromethane	50	3.538	3.543	(0.354)	8121	0.04000	0.071(a)	
6 Butane	43	3.720	3.720	(0.373)	10222	0.04000	0.055(a)	
7 Vinyl chloride	62	3.763	3.757	(0.377)	8390	0.04000	0.051	
8 1,3-Butadiene	54	3.821	3.827	(0.383)	5397	0.04000	0.048	
9 Bromomethane	94	4.442	4.447	(0.445)	9631	0.04000	0.048	
10 Chloroethane	64	4.651	4.656	(0.466)	4254	0.04000	0.048	
12 Vinyl bromide	106	5.041	5.036	(0.505)	12020	0.04000	0.052	
13 Trichlorofluoromethane	101	5.137	5.138	(0.515)	40141	0.04000	0.046	
15 Ethanol	45	5.795	5.828	(0.580)	4392	0.10000	0.13	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	27299	0.04000	0.048	

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.330	6.341 (0.634)		12013	0.04000	0.048
20 Acetone	43	6.630	6.646 (0.664)		77314	0.04000	0.26(a)
23 Carbon disulfide	76	6.780	6.780 (0.679)		30698	0.04000	0.048(a)
21 Isopropanol	45	Compound Not Detected.					
22 Allyl chloride	41	7.133	7.138 (0.714)		9188	0.04000	0.047
25 Methylene chloride	49	7.427	7.433 (0.744)		14976	0.04000	0.070(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 1,2-Dichloroethene (trans)	61	7.855	7.861 (0.787)		17074	0.04000	0.048
28 Methyl tert-butyl ether	73	7.935	7.946 (0.795)		28825	0.04000	0.052
30 n-Hexane	57	8.208	8.203 (0.822)		15149	0.04000	0.050
31 1,1-Dichloroethane	63	8.652	8.658 (0.867)		20905	0.04000	0.051
32 Vinyl acetate	43	8.716	8.716 (0.873)		12067	0.04000	0.051(a)
M 33 1,2-Dichloroethene, Total	61				30227	0.08000	0.10
34 1,2-Dichloroethene (cis)	96	9.610	9.605 (0.962)		13153	0.04000	0.052
38 Methyl Ethyl Ketone	43	9.690	9.695 (0.971)		24555	0.04000	0.053(a)
35 Ethyl acetate	88	Compound Not Detected.					
* 36 Bromochloromethane	128	9.984	9.990 (1.000)		822342	2.00000	
37 Tetrahydrofuran	42	10.075	10.086 (0.882)		8165	0.04000	0.068(a)
39 Chloroform	83	10.075	10.075 (1.009)		29254	0.04000	0.049
40 Cyclohexane	84	10.311	10.305 (0.902)		16736	0.04000	0.046
41 1,1,1-Trichloroethane	97	10.305	10.316 (0.902)		36711	0.04000	0.048
42 Carbon tetrachloride	117	10.514	10.514 (0.920)		41378	0.04000	0.047
43 2,2,4-Trimethylpentane	57	10.803	10.803 (0.945)		47266	0.04000	0.051
44 Benzene	78	10.856	10.851 (0.950)		32395	0.04000	0.047
45 1,2-Dichloroethane	62	10.985	10.979 (0.961)		17662	0.04000	0.049
46 n-Heptane	43	11.076	11.076 (0.969)		14486	0.04000	0.051
* 47 1,4-Difluorobenzene	114	11.429	11.429 (1.000)		4061138	2.00000	
49 Trichloroethene	95	11.782	11.782 (1.031)		18701	0.04000	0.049
50 1,2-Dichloropropane	63	12.162	12.162 (1.064)		9592	0.04000	0.051
51 Methyl methacrylate	69	12.242	12.253 (1.071)		4485	0.04000	0.039(aQ)
53 1,4-Dioxane	88	12.440	12.451 (1.088)		2348	0.04000	0.047(a)
54 Bromodichloromethane	83	12.531	12.531 (1.096)		26065	0.04000	0.049
55 1,3-Dichloropropene (cis)	75	13.162	13.162 (1.152)		15379	0.04000	0.052
56 Methyl isobutyl ketone	43	13.381	13.403 (1.171)		6841	0.04000	0.052(a)
58 Toluene	92	13.579	13.579 (0.874)		22270	0.04000	0.049
59 1,3-Dichloropropene (trans)	75	13.964	13.959 (1.222)		13374	0.04000	0.048
60 1,1,2-Trichloroethane	83	14.232	14.227 (0.916)		10394	0.04000	0.053
61 Tetrachloroethene	166	14.344	14.344 (0.923)		30099	0.04000	0.050
62 2-Hexanone	43	14.558	14.564 (0.937)		3534	0.04000	0.035(a)
63 Dibromochloromethane	129	14.772	14.778 (0.950)		21680	0.04000	0.047
64 1,2-Dibromoethane	107	14.976	14.976 (0.964)		19291	0.04000	0.051
* 65 Chlorobenzene-d5	117	15.543	15.543 (1.000)		3629856	2.00000	
66 Chlorobenzene	112	15.580	15.585 (1.002)		33218	0.04000	0.054(Q)
67 Ethylbenzene	91	15.650	15.650 (1.007)		43757	0.04000	0.051
69 Xylene (m,p)	106	15.805	15.799 (1.017)		28818	0.08000	0.098
M 70 Xylene, Total	106				43073	0.12000	0.15
71 Xylene (o)	106	16.313	16.318 (1.050)		14255	0.04000	0.050

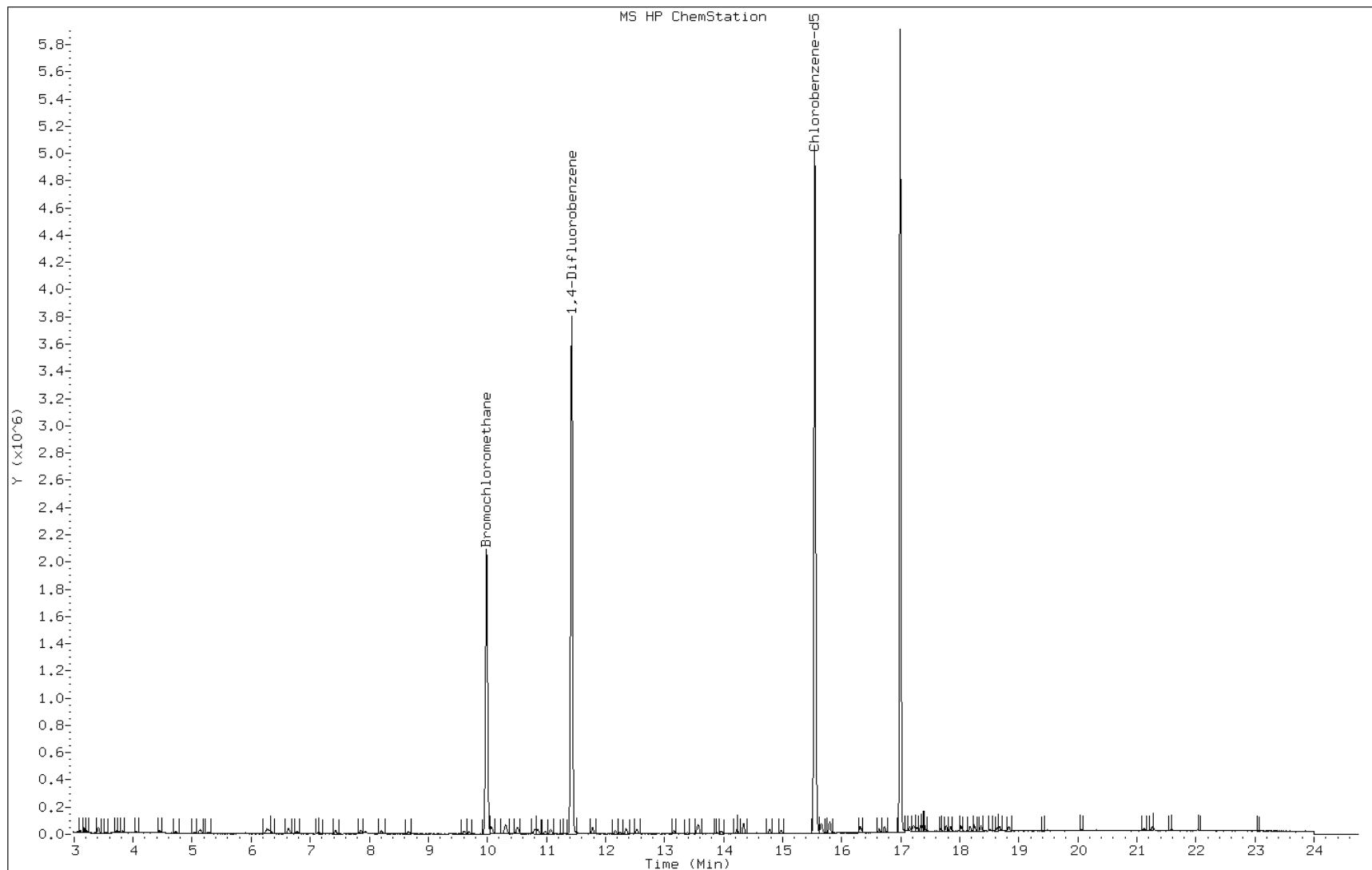
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.340	16.345	(1.051)	8567	0.04000	0.041(Q)
73 Bromoform	173	16.639	16.634	(1.071)	14919	0.04000	0.048
74 Isopropylbenzene	105	16.730	16.730	(1.076)	33123	0.04000	0.041
75 1,1,2,2-Tetrachloroethane	83	17.158	17.153	(1.104)	12035	0.04000	0.052
76 n-Propylbenzene	91	17.212	17.212	(1.107)	32035	0.04000	0.043
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	29353	0.04000	0.054
80 2-Chlorotoluene	91	17.372	17.378	(1.118)	34286	0.04000	0.048
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	24334	0.04000	0.052
83 tert-butylbenzene	119	17.779	17.774	(1.144)	24378	0.04000	0.050
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	21838	0.04000	0.050
85 sec-Butylbenzene	105	18.020	18.025	(1.159)	31215	0.04000	0.051
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	24567	0.04000	0.052
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	19360	0.04000	0.051
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	20991	0.04000	0.056
89 Benzyl chloride	91	18.512	18.512	(1.191)	10565	0.04000	0.053
91 n-Butylbenzene	91	18.672	18.672	(1.201)	20903	0.04000	0.055
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	17330	0.04000	0.054
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	7036	0.04000	0.058(a)
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	7628	0.04000	0.057
96 Naphthalene	128	21.572	21.582	(1.388)	6602	0.04000	0.028(a)

QC Flag Legend

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

Data File: eer005.d
Client ID: ic 273310
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273310
Lab Sample ID: ic 273310

Date: 04-JAN-2012 20:32
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.325	6.341	(0.634)	22680	0.10000	0.091
20 Acetone	43	6.619	6.646	(0.663)	70347	0.10000	0.24(a)
23 Carbon disulfide	76	6.774	6.780	(0.678)	62771	0.10000	0.099(a)
21 Isopropanol	45	6.956	7.021	(0.697)	6690	0.10000	0.096(aQM)
22 Allyl chloride	41	7.128	7.138	(0.714)	16287	0.10000	0.084
25 Methylene chloride	49	7.416	7.433	(0.743)	24739	0.10000	0.12
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 1,2-Dichloroethene (trans)	61	7.850	7.861	(0.786)	32662	0.10000	0.093
28 Methyl tert-butyl ether	73	7.898	7.946	(0.791)	49745	0.10000	0.090
30 n-Hexane	57	8.197	8.203	(0.821)	29138	0.10000	0.097
31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	36096	0.10000	0.089
32 Vinyl acetate	43	8.706	8.716	(0.872)	21223	0.10000	0.090(a)
M 33 1,2-Dichloroethene, Total	61				54213	0.20000	0.18
34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	21551	0.10000	0.086
38 Methyl Ethyl Ketone	43	9.679	9.695	(0.969)	38992	0.10000	0.085(a)
35 Ethyl acetate	88	9.701	9.695	(0.972)	1244	0.10000	0.090(aQM)
* 36 Bromochloromethane	128	9.984	9.990	(1.000)	816088	2.00000	
37 Tetrahydrofuran	42	10.059	10.086	(0.881)	11358	0.10000	0.094(a)
39 Chloroform	83	10.075	10.075	(1.009)	52555	0.10000	0.089
40 Cyclohexane	84	10.300	10.305	(0.902)	33775	0.10000	0.093
41 1,1,1-Trichloroethane	97	10.311	10.316	(0.903)	70772	0.10000	0.094
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	82722	0.10000	0.094
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.946)	82638	0.10000	0.090
44 Benzene	78	10.851	10.851	(0.950)	55543	0.10000	0.081
45 1,2-Dichloroethane	62	10.969	10.979	(0.960)	30455	0.10000	0.084
46 n-Heptane	43	11.065	11.076	(0.969)	25599	0.10000	0.091
* 47 1,4-Difluorobenzene	114	11.423	11.429	(1.000)	4040606	2.00000	
49 Trichloroethene	95	11.776	11.782	(1.031)	34180	0.10000	0.090
50 1,2-Dichloropropane	63	12.172	12.162	(1.066)	16854	0.10000	0.090
51 Methyl methacrylate	69	12.247	12.253	(1.072)	6319	0.10000	0.055(aM)
53 1,4-Dioxane	88	12.418	12.451	(1.087)	3726	0.10000	0.074(a)
54 Bromodichloromethane	83	12.531	12.531	(1.097)	44186	0.10000	0.084
55 1,3-Dichloropropene (cis)	75	13.157	13.162	(1.152)	25135	0.10000	0.085
56 Methyl isobutyl ketone	43	13.376	13.403	(1.171)	8984	0.10000	0.068(a)
58 Toluene	92	13.579	13.579	(0.874)	38890	0.10000	0.087
59 1,3-Dichloropropene (trans)	75	13.954	13.959	(1.222)	22592	0.10000	0.082
60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	17021	0.10000	0.087
61 Tetrachloroethene	166	14.339	14.344	(0.923)	53386	0.10000	0.090
62 2-Hexanone	43	14.532	14.564	(0.935)	7250	0.10000	0.072(a)
63 Dibromochloromethane	129	14.778	14.778	(0.951)	38959	0.10000	0.085
64 1,2-Dibromoethane	107	14.976	14.976	(0.964)	30138	0.10000	0.081
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3594603	2.00000	
66 Chlorobenzene	112	15.580	15.585	(1.002)	57938	0.10000	0.095(Q)
67 Ethylbenzene	91	15.650	15.650	(1.007)	72044	0.10000	0.085
69 Xylene (m,p)	106	15.799	15.799	(1.017)	47197	0.20000	0.16
M 70 Xylene, Total	106				68618	0.30000	0.24
71 Xylene (o)	106	16.313	16.318	(1.050)	21421	0.10000	0.077

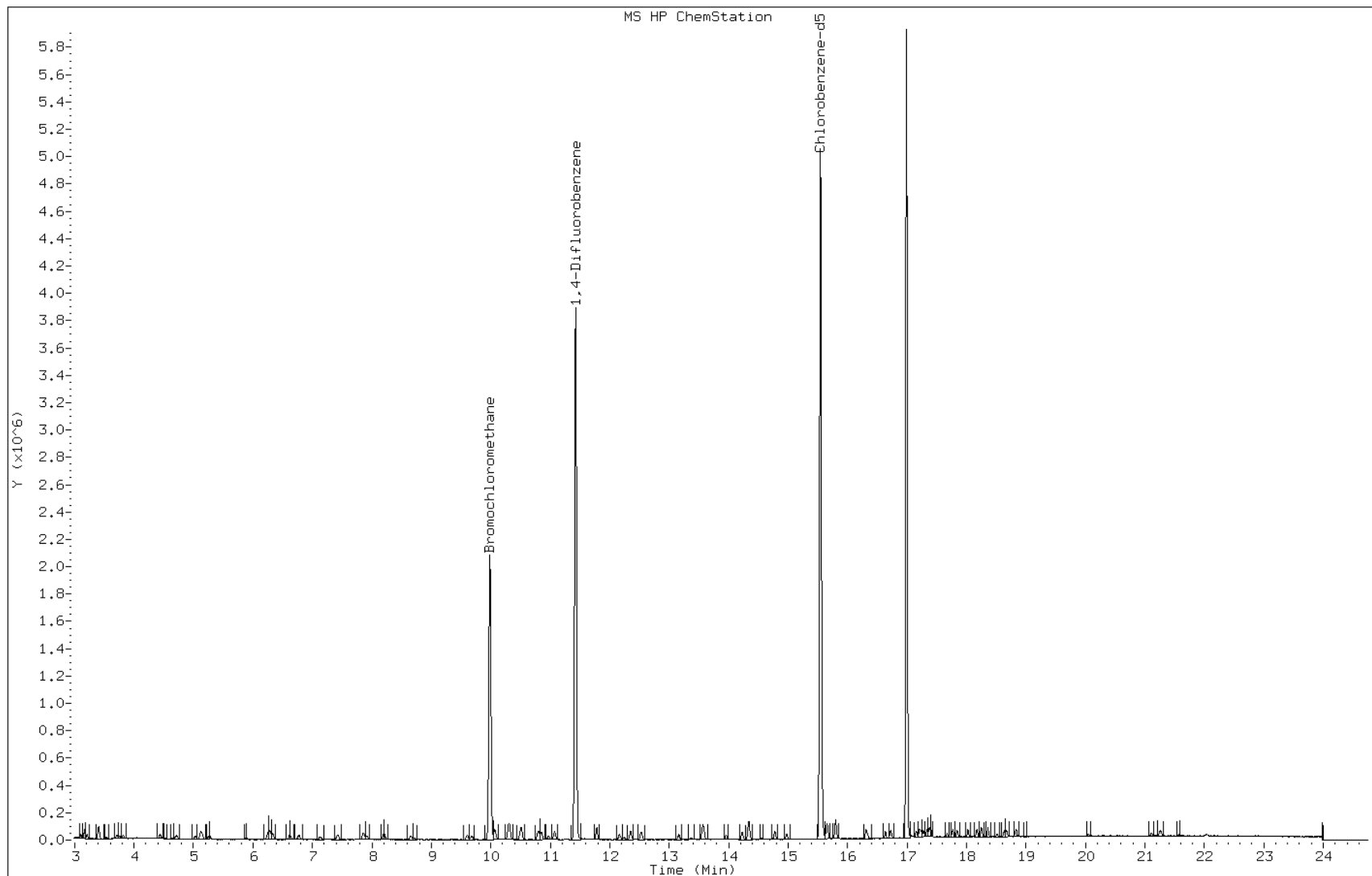
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	13423	0.10000	0.065
73 Bromoform	173	16.639	16.634	(1.071)	24769	0.10000	0.080
74 Isopropylbenzene	105	16.730	16.730	(1.076)	47316	0.10000	0.060
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	17609	0.10000	0.077
76 n-Propylbenzene	91	17.206	17.212	(1.107)	44912	0.10000	0.062
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	38781	0.10000	0.072
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	47664	0.10000	0.067
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	32004	0.10000	0.068
83 tert-butylbenzene	119	17.773	17.774	(1.144)	31598	0.10000	0.066
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	29980	0.10000	0.069
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	43310	0.10000	0.071
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	33611	0.10000	0.071
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	32078	0.10000	0.086
88 1,4-Dichlorobenzene	146	18.357	18.362	(1.181)	31592	0.10000	0.085
89 Benzyl chloride	91	18.512	18.512	(1.191)	15049	0.10000	0.076
91 n-Butylbenzene	91	18.667	18.672	(1.201)	30619	0.10000	0.081
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	28520	0.10000	0.090
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	10967	0.10000	0.091(a)
95 1,3-Hexachlorobutadiene	225	21.272	21.262	(1.369)	12201	0.10000	0.092
96 Naphthalene	128	21.572	21.582	(1.388)	19279	0.10000	0.084(a)

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: eer006.d
Client ID: ic 273311
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273311
Lab Sample ID: ic 273311

Date: 04-JAN-2012 21:26
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

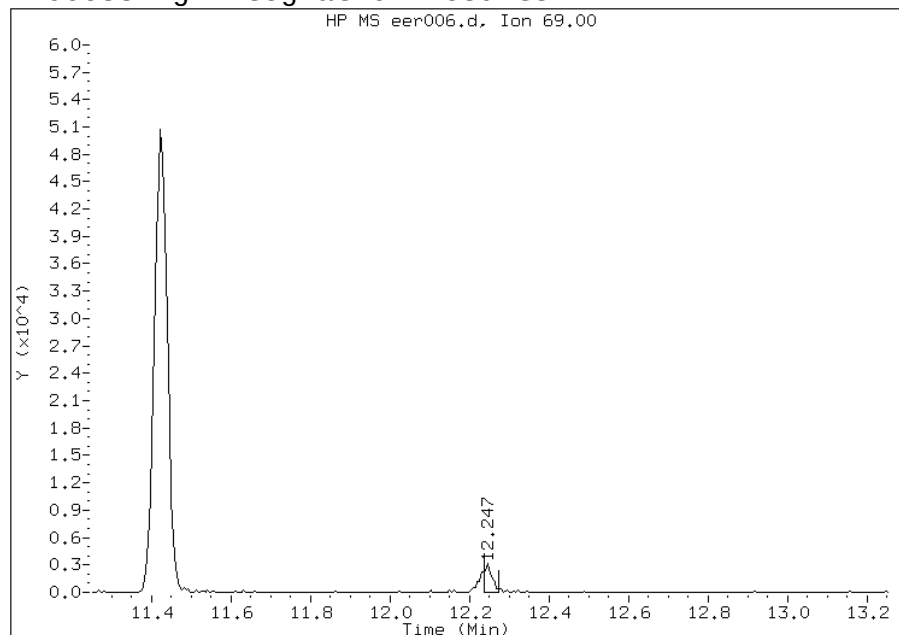


Manual Integration Report

Data File: eer006.d
Lab Sample ID: ic 273311
Inj. Date and Time: 04-JAN-2012 21:26
Instrument ID: E.i
Client ID: ic 273311
Compound: 51 Methyl methacrylate
CAS #: 80-62-6
Report Date: 01/12/2012

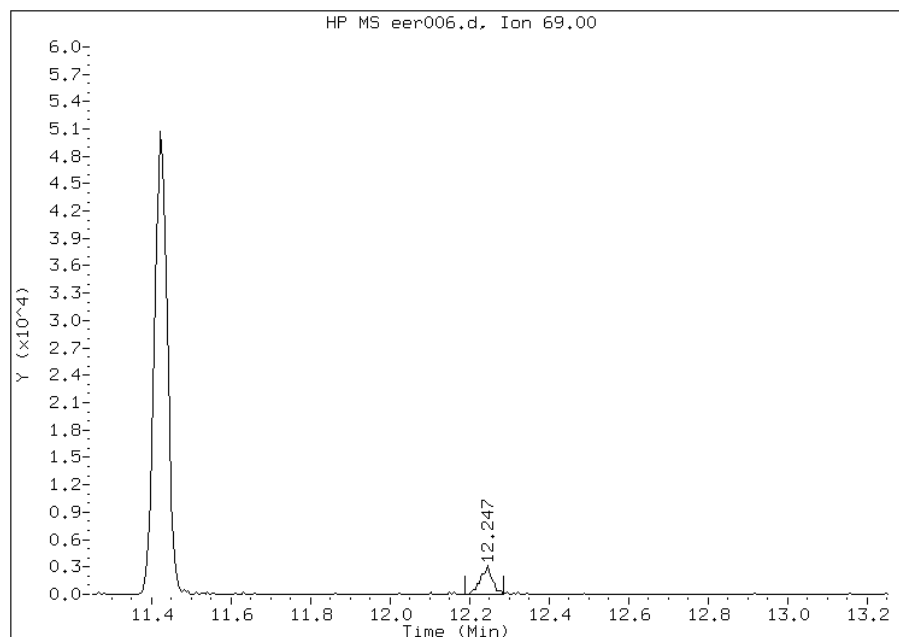
Processing Integration Results

RT: 12.25
Response: 4283
Amount: 0.038289
Conc: 0.038289



Manual Integration Results

RT: 12.25
Response: 6319
Amount: 0.055058
Conc: 0.055058



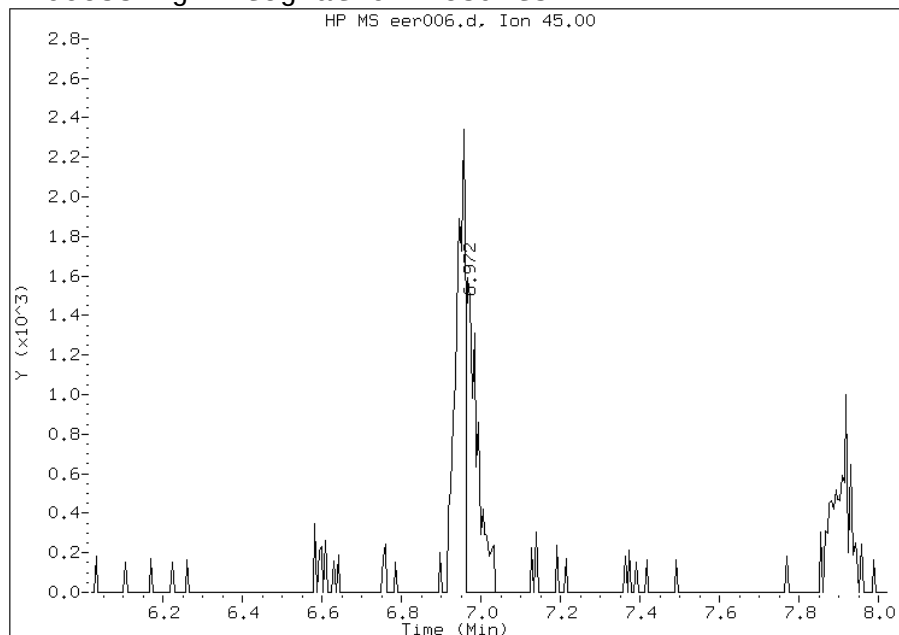
File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: eer006.d
Lab Sample ID: ic 273311
Inj. Date and Time: 04-JAN-2012 21:26
Instrument ID: E.i
Client ID: ic 273311
Compound: 21 Isopropanol
CAS #: 67-63-0
Report Date: 01/12/2012

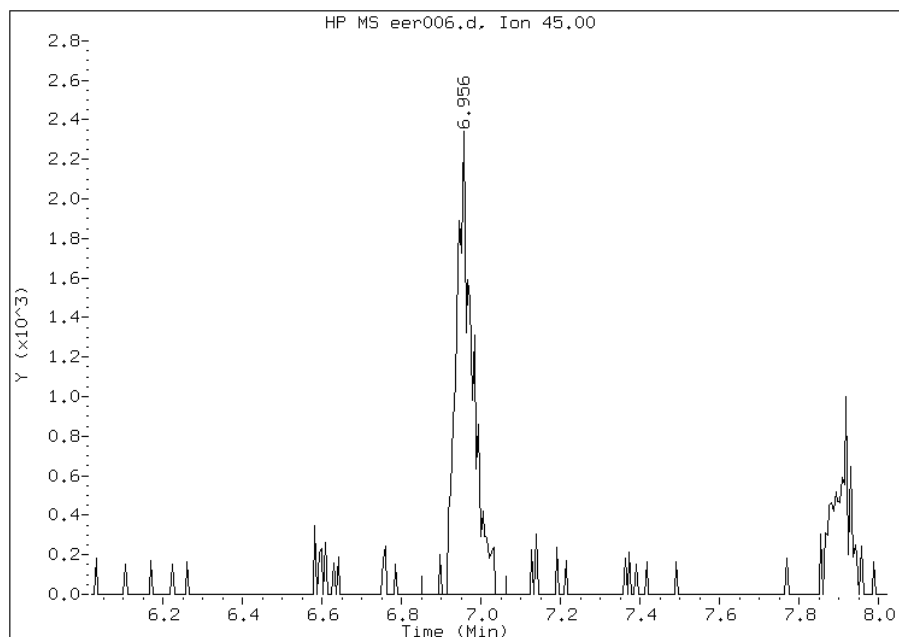
Processing Integration Results

RT: 6.97
Response: 3249
Amount: 0.080625
Conc: 0.080625



Manual Integration Results

RT: 6.96
Response: 6690
Amount: 0.096506
Conc: 0.096506



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer007.d
Lab Smp Id: icis 273311 Client Smp ID: icis 273311
Inj Date : 04-JAN-2012 22:21
Operator : wrd Inst ID: E.i
Smp Info : icis 273311
Misc Info : 500,1,level 5
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15l13t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 22:21 Cal File: eer007.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
1 Propene	41	3.115	3.115	(0.312)	18264	0.20000	0.20
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	115667	0.20000	0.20
3 Chlorodifluoromethane	51	3.222	3.222	(0.323)	50076	0.20000	0.20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.415	3.415	(0.342)	107935	0.20000	0.19
5 Chloromethane	50	3.543	3.543	(0.355)	23909	0.20000	0.21
6 Butane	43	3.720	3.720	(0.372)	35815	0.20000	0.20
7 Vinyl chloride	62	3.757	3.757	(0.376)	29973	0.20000	0.19
8 1,3-Butadiene	54	3.827	3.827	(0.383)	20308	0.20000	0.19
9 Bromomethane	94	4.447	4.447	(0.445)	38394	0.20000	0.20
10 Chloroethane	64	4.656	4.656	(0.466)	15911	0.20000	0.18
12 Vinyl bromide	106	5.036	5.036	(0.504)	41868	0.20000	0.19
13 Trichlorofluoromethane	101	5.138	5.138	(0.514)	162549	0.20000	0.19
15 Ethanol	45	5.828	5.828	(0.583)	11350	0.40000	0.34
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.282	6.282	(0.629)	105067	0.20000	0.19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	45185	0.20000	0.18
20 Acetone	43	6.646	6.646	(0.665)	101157	0.20000	0.36(a)
23 Carbon disulfide	76	6.780	6.780	(0.679)	124485	0.20000	0.20
21 Isopropanol	45	7.021	7.021	(0.703)	9489	0.20000	0.14
22 Allyl chloride	41	7.138	7.138	(0.715)	32712	0.20000	0.17
25 Methylene chloride	49	7.433	7.433	(0.744)	42989	0.20000	0.20
26 Tert-butyl alcohol	59	7.855	7.855	(0.786)	14782	0.20000	0.17(a)
27 1,2-Dichloroethene (trans)	61	7.861	7.861	(0.787)	63595	0.20000	0.18
28 Methyl tert-butyl ether	73	7.946	7.946	(0.795)	111333	0.20000	0.20
30 n-Hexane	57	8.203	8.203	(0.821)	55087	0.20000	0.19
31 1,1-Dichloroethane	63	8.658	8.658	(0.867)	71968	0.20000	0.18
32 Vinyl acetate	43	8.716	8.716	(0.873)	47676	0.20000	0.20
M 33 1,2-Dichloroethene, Total	61				106790	0.40000	0.36
34 1,2-Dichloroethene (cis)	96	9.605	9.605	(0.961)	43195	0.20000	0.18
38 Methyl Ethyl Ketone	43	9.695	9.695	(0.971)	92825	0.20000	0.20
35 Ethyl acetate	88	9.695	9.695	(0.971)	2734	0.20000	0.20
* 36 Bromochloromethane	128	9.990	9.990	(1.000)	804710	2.00000	
37 Tetrahydrofuran	42	10.086	10.086	(0.882)	25127	0.20000	0.22
39 Chloroform	83	10.075	10.075	(1.009)	105297	0.20000	0.18
40 Cyclohexane	84	10.305	10.305	(0.902)	67496	0.20000	0.19
41 1,1,1-Trichloroethane	97	10.316	10.316	(0.903)	138949	0.20000	0.19
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	164874	0.20000	0.19
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	167235	0.20000	0.19
44 Benzene	78	10.851	10.851	(0.949)	120395	0.20000	0.18
45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	67107	0.20000	0.19
46 n-Heptane	43	11.076	11.076	(0.969)	51868	0.20000	0.19
* 47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	3926162	2.00000	
49 Trichloroethene	95	11.782	11.782	(1.031)	66725	0.20000	0.18
50 1,2-Dichloropropane	63	12.162	12.162	(1.064)	34294	0.20000	0.19
51 Methyl methacrylate	69	12.253	12.253	(1.072)	19202	0.20000	0.17
53 1,4-Dioxane	88	12.451	12.451	(1.089)	7689	0.20000	0.16
54 Bromodichloromethane	83	12.531	12.531	(1.096)	98587	0.20000	0.19
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	54122	0.20000	0.19
56 Methyl isobutyl ketone	43	13.403	13.403	(1.173)	22435	0.20000	0.18
58 Toluene	92	13.579	13.579	(0.874)	85496	0.20000	0.20
59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	49929	0.20000	0.19
60 1,1,2-Trichloroethane	83	14.227	14.227	(0.915)	36465	0.20000	0.19
61 Tetrachloroethene	166	14.344	14.344	(0.923)	103489	0.20000	0.18
62 2-Hexanone	43	14.564	14.564	(0.937)	12701	0.20000	0.13
63 Dibromochloromethane	129	14.778	14.778	(0.951)	89429	0.20000	0.20
64 1,2-Dibromoethane	107	14.976	14.976	(0.964)	71222	0.20000	0.20
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3478570	2.00000	
66 Chlorobenzene	112	15.585	15.585	(1.003)	121613	0.20000	0.20
67 Ethylbenzene	91	15.650	15.650	(1.007)	165145	0.20000	0.20
69 Xylene (m,p)	106	15.799	15.799	(1.017)	119347	0.40000	0.42
M 70 Xylene, Total	106				174246	0.60000	0.62
71 Xylene (o)	106	16.318	16.318	(1.050)	54899	0.20000	0.20

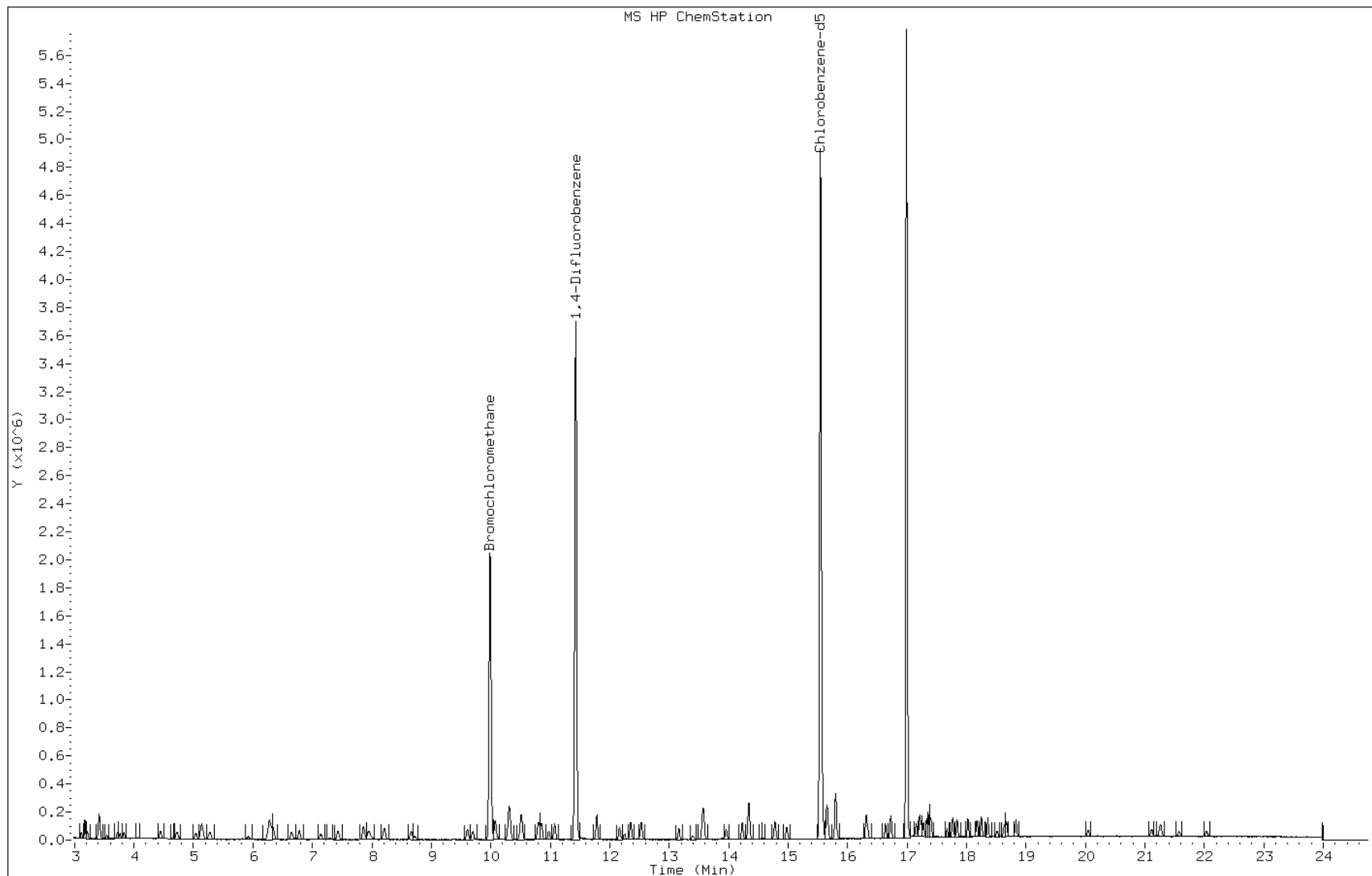
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	37034	0.20000	0.18
73 Bromoform	173	16.634	16.634	(1.070)	56436	0.20000	0.19
74 Isopropylbenzene	105	16.730	16.730	(1.076)	130853	0.20000	0.17
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	41036	0.20000	0.19
76 n-Propylbenzene	91	17.212	17.212	(1.107)	119535	0.20000	0.17
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	95088	0.20000	0.18
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	117793	0.20000	0.17
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	80600	0.20000	0.18
83 tert-butylbenzene	119	17.774	17.774	(1.144)	81378	0.20000	0.18
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	73912	0.20000	0.18
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	104484	0.20000	0.18
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	79149	0.20000	0.17
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	67199	0.20000	0.19
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	65996	0.20000	0.18
89 Benzyl chloride	91	18.512	18.512	(1.191)	33904	0.20000	0.18
91 n-Butylbenzene	91	18.672	18.672	(1.201)	65394	0.20000	0.18
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	59522	0.20000	0.19
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	24572	0.20000	0.21
95 1,3-Hexachlorobutadiene	225	21.262	21.262	(1.368)	24701	0.20000	0.19
96 Naphthalene	128	21.582	21.582	(1.389)	48126	0.20000	0.22

QC Flag Legend

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

Data File: eer007.d
Client ID: icis 273311
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 273311
Lab Sample ID: icis 273311

Date: 04-JAN-2012 22:21
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer008.d
 Lab Smp Id: ic 273313 Client Smp ID: ic 273313
 Inj Date : 04-JAN-2012 23:16
 Operator : wrd Inst ID: E.i
 Smp Info : ic 273313
 Misc Info : 250,1,level 6
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/to15113t.m
 Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
 Cal Date : 04-JAN-2012 23:16 Cal File: eer008.d
 Als bottle: 3 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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	250.00000	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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Propene	41	3.104	3.115 (0.311)	44525	0.50000	0.49		
2 Dichlorodifluoromethane	85	3.169	3.174 (0.317)	290583	0.50000	0.49		
3 Chlorodifluoromethane	51	3.217	3.222 (0.322)	131555	0.50000	0.51		
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415 (0.341)	274979	0.50000	0.48		
5 Chloromethane	50	3.538	3.543 (0.354)	56577	0.50000	0.50		
6 Butane	43	3.714	3.720 (0.372)	90513	0.50000	0.48		
7 Vinyl chloride	62	3.757	3.757 (0.376)	75684	0.50000	0.46		
8 1,3-Butadiene	54	3.821	3.827 (0.383)	49897	0.50000	0.45		
9 Bromomethane	94	4.437	4.447 (0.444)	90873	0.50000	0.46		
10 Chloroethane	64	4.651	4.656 (0.466)	39123	0.50000	0.44		
12 Vinyl bromide	106	5.030	5.036 (0.504)	106293	0.50000	0.46		
13 Trichlorofluoromethane	101	5.132	5.138 (0.514)	412567	0.50000	0.47		
15 Ethanol	45	5.769	5.828 (0.578)	36710	1.00000	1.1(H)		
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.271	6.282 (0.628)	270349	0.50000	0.47		

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.336	6.341	(0.635)	110643	0.50000	0.44
20 Acetone	43	6.614	6.646	(0.662)	173746	0.50000	0.60
23 Carbon disulfide	76	6.774	6.780	(0.678)	311727	0.50000	0.49
21 Isopropanol	45	6.956	7.021	(0.697)	42726	0.50000	0.61(Q)
22 Allyl chloride	41	7.133	7.138	(0.714)	85568	0.50000	0.44
25 Methylene chloride	49	7.422	7.433	(0.743)	104699	0.50000	0.49
26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	44873	0.50000	0.50(H)
27 1,2-Dichloroethene (trans)	61	7.850	7.861	(0.786)	164170	0.50000	0.46
28 Methyl tert-butyl ether	73	7.882	7.946	(0.789)	267286	0.50000	0.48
30 n-Hexane	57	8.203	8.203	(0.822)	137772	0.50000	0.46
31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	191110	0.50000	0.47
32 Vinyl acetate	43	8.706	8.716	(0.872)	117535	0.50000	0.50
M 33 1,2-Dichloroethene, Total	61				279957	1.00000	0.92
34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	115787	0.50000	0.46
38 Methyl Ethyl Ketone	43	9.663	9.695	(0.968)	238976	0.50000	0.52
35 Ethyl acetate	88	9.669	9.695	(0.968)	7274	0.50000	0.53
* 36 Bromochloromethane	128	9.984	9.990	(1.000)	820601	2.00000	
37 Tetrahydrofuran	42	10.048	10.086	(0.880)	60216	0.50000	0.50
39 Chloroform	83	10.070	10.075	(1.009)	283360	0.50000	0.48
40 Cyclohexane	84	10.305	10.305	(0.902)	168942	0.50000	0.46
41 1,1,1-Trichloroethane	97	10.311	10.316	(0.903)	366691	0.50000	0.48
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	416656	0.50000	0.47
43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	424107	0.50000	0.46
44 Benzene	78	10.851	10.851	(0.950)	311701	0.50000	0.45
45 1,2-Dichloroethane	62	10.969	10.979	(0.960)	175666	0.50000	0.48
46 n-Heptane	43	11.070	11.076	(0.969)	132759	0.50000	0.47
* 47 1,4-Difluorobenzene	114	11.423	11.429	(1.000)	4046329	2.00000	
49 Trichloroethene	95	11.776	11.782	(1.031)	183373	0.50000	0.48
50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	87748	0.50000	0.47
51 Methyl methacrylate	69	12.236	12.253	(1.071)	58324	0.50000	0.51
53 1,4-Dioxane	88	12.392	12.451	(1.085)	26537	0.50000	0.53(H)
54 Bromodichloromethane	83	12.531	12.531	(1.097)	267214	0.50000	0.50
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	145229	0.50000	0.49
56 Methyl isobutyl ketone	43	13.365	13.403	(1.170)	67405	0.50000	0.51
58 Toluene	92	13.579	13.579	(0.874)	215407	0.50000	0.47
59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.222)	136315	0.50000	0.49
60 1,1,2-Trichloroethane	83	14.226	14.227	(0.915)	97354	0.50000	0.49
61 Tetrachloroethene	166	14.339	14.344	(0.923)	267034	0.50000	0.44
62 2-Hexanone	43	14.531	14.564	(0.935)	62421	0.50000	0.61(H)
63 Dibromochloromethane	129	14.778	14.778	(0.951)	243943	0.50000	0.52
64 1,2-Dibromoethane	107	14.975	14.976	(0.964)	195199	0.50000	0.51
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3663655	2.00000	
66 Chlorobenzene	112	15.580	15.585	(1.002)	320347	0.50000	0.51
67 Ethylbenzene	91	15.650	15.650	(1.007)	433785	0.50000	0.50
69 Xylene (m,p)	106	15.799	15.799	(1.017)	337270	1.00000	1.1
M 70 Xylene, Total	106				497845	1.50000	1.7
71 Xylene (o)	106	16.313	16.318	(1.050)	160575	0.50000	0.56

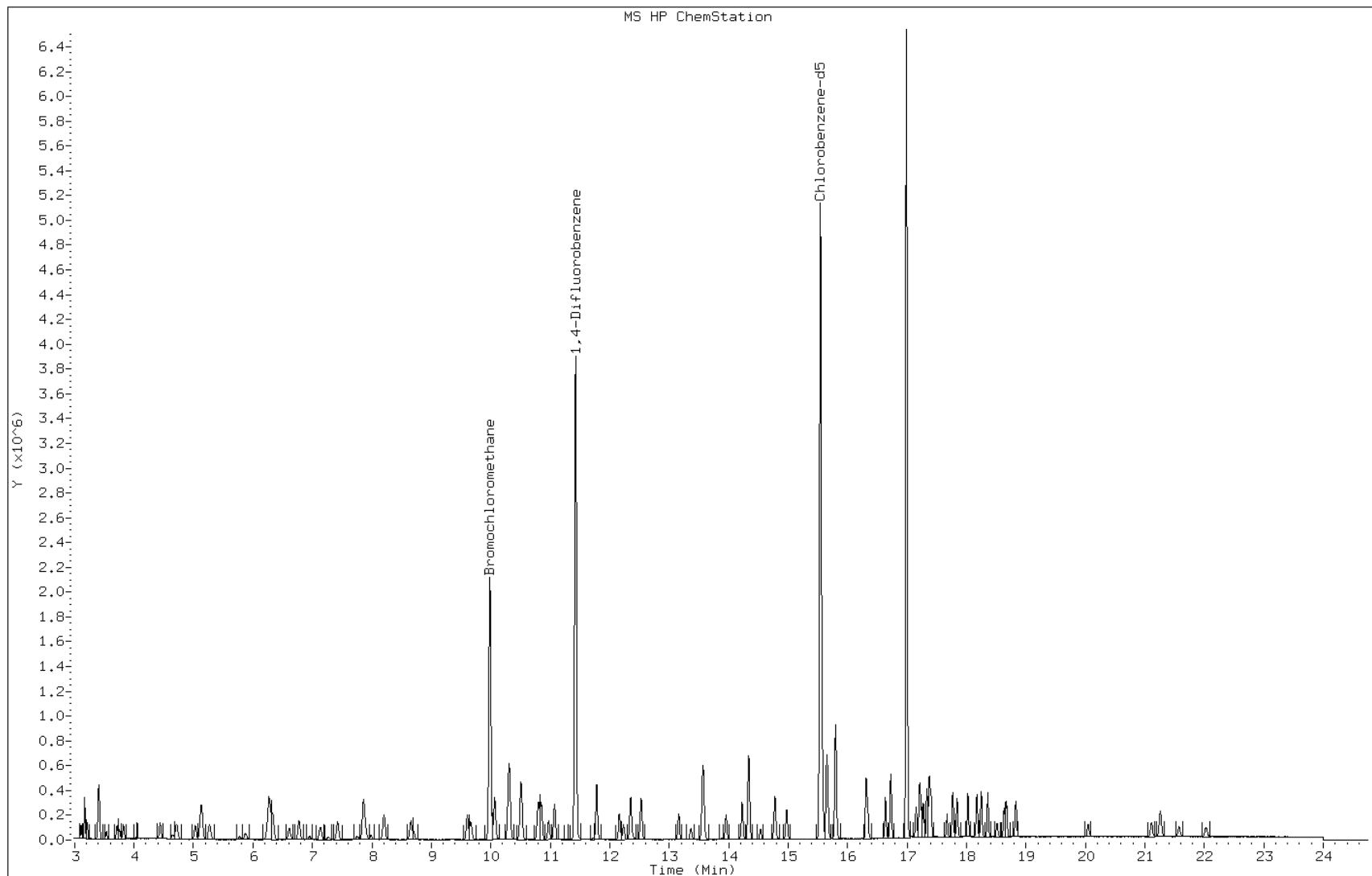
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.340	16.345	(1.051)	129451	0.50000	0.61
73 Bromoform	173	16.639	16.634	(1.071)	180895	0.50000	0.57
74 Isopropylbenzene	105	16.730	16.730	(1.076)	411275	0.50000	0.51
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	112881	0.50000	0.49
76 n-Propylbenzene	91	17.212	17.212	(1.107)	343070	0.50000	0.46
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	276968	0.50000	0.50
80 2-Chlorotoluene	91	17.372	17.378	(1.118)	356262	0.50000	0.49
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	219885	0.50000	0.46
83 tert-butylbenzene	119	17.768	17.774	(1.143)	221227	0.50000	0.45
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	201258	0.50000	0.46
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	283176	0.50000	0.46
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	233113	0.50000	0.48
87 1,3-Dichlorobenzene	146	18.249	18.250	(1.174)	181290	0.50000	0.48
88 1,4-Dichlorobenzene	146	18.356	18.362	(1.181)	181313	0.50000	0.48
89 Benzyl chloride	91	18.512	18.512	(1.191)	97104	0.50000	0.48
91 n-Butylbenzene	91	18.667	18.672	(1.201)	183652	0.50000	0.48
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	152401	0.50000	0.47
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	56675	0.50000	0.46
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	62154	0.50000	0.46
96 Naphthalene	128	21.577	21.582	(1.388)	110977	0.50000	0.47

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 H - Operator selected an alternate compound hit.

Data File: eer008.d
Client ID: ic 273313
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273313
Lab Sample ID: ic 273313

Date: 04-JAN-2012 23:16
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer009.d
Lab Smp Id: ic 273313 Client Smp ID: ic 273313
Inj Date : 05-JAN-2012 00:10
Operator : wrd Inst ID: E.i
Smp Info : ic 273313
Misc Info : 375,1,level 7
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15l13t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 00:10 Cal File: eer009.d
Als bottle: 4 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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	375.00000	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)
1 Propene	41	3.110	3.115	(0.311)	64994	0.75000	0.70
2 Dichlorodifluoromethane	85	3.169	3.174	(0.317)	442250	0.75000	0.73
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	192620	0.75000	0.73
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	398999	0.75000	0.68
5 Chloromethane	50	3.538	3.543	(0.354)	79955	0.75000	0.69
6 Butane	43	3.714	3.720	(0.372)	137702	0.75000	0.72
7 Vinyl chloride	62	3.757	3.757	(0.376)	110361	0.75000	0.66
8 1,3-Butadiene	54	3.821	3.827	(0.383)	72101	0.75000	0.63
9 Bromomethane	94	4.437	4.447	(0.444)	135507	0.75000	0.66
10 Chloroethane	64	4.656	4.656	(0.466)	57176	0.75000	0.63
12 Vinyl bromide	106	5.030	5.036	(0.504)	158240	0.75000	0.68
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	607653	0.75000	0.68
15 Ethanol	45	5.774	5.828	(0.578)	39974	1.50000	1.2(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.272	6.282	(0.628)	400683	0.75000	0.69

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	167418	0.75000	0.66
20 Acetone	43	6.609	6.646	(0.662)	239763	0.75000	0.81
23 Carbon disulfide	76	6.774	6.780	(0.678)	462436	0.75000	0.71
21 Isopropanol	45	6.951	7.021	(0.696)	32616	0.75000	0.46(Q)
22 Allyl chloride	41	7.138	7.138	(0.715)	122966	0.75000	0.62
25 Methylene chloride	49	7.432	7.433	(0.744)	151088	0.75000	0.69
26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	42062	0.75000	0.46(QH)
27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	243665	0.75000	0.67
28 Methyl tert-butyl ether	73	7.871	7.946	(0.788)	409217	0.75000	0.72
30 n-Hexane	57	8.203	8.203	(0.822)	213004	0.75000	0.69
31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	270894	0.75000	0.65
32 Vinyl acetate	43	8.706	8.716	(0.872)	188369	0.75000	0.78
M 33 1,2-Dichloroethene, Total	61				408049	1.50000	1.3
34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	164384	0.75000	0.64
38 Methyl Ethyl Ketone	43	9.663	9.695	(0.968)	360607	0.75000	0.76
35 Ethyl acetate	88	9.663	9.695	(0.968)	11157	0.75000	0.79
* 36 Bromochloromethane	128	9.984	9.990	(1.000)	838552	2.00000	
37 Tetrahydrofuran	42	10.048	10.086	(0.879)	89084	0.75000	0.74
39 Chloroform	83	10.070	10.075	(1.009)	391367	0.75000	0.64
40 Cyclohexane	84	10.305	10.305	(0.902)	254581	0.75000	0.70
41 1,1,1-Trichloroethane	97	10.311	10.316	(0.902)	532700	0.75000	0.70
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	623157	0.75000	0.71
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	606851	0.75000	0.66
44 Benzene	78	10.856	10.851	(0.950)	431023	0.75000	0.63
45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	243270	0.75000	0.67
46 n-Heptane	43	11.070	11.076	(0.969)	189600	0.75000	0.68
* 47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4041182	2.00000	
49 Trichloroethene	95	11.782	11.782	(1.031)	259068	0.75000	0.68
50 1,2-Dichloropropane	63	12.162	12.162	(1.064)	123142	0.75000	0.66
51 Methyl methacrylate	69	12.231	12.253	(1.070)	89410	0.75000	0.78
53 1,4-Dioxane	88	12.392	12.451	(1.084)	30329	0.75000	0.61(H)
54 Bromodichloromethane	83	12.531	12.531	(1.096)	385024	0.75000	0.73
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	209538	0.75000	0.71
56 Methyl isobutyl ketone	43	13.365	13.403	(1.169)	79154	0.75000	0.60
58 Toluene	92	13.579	13.579	(0.874)	304540	0.75000	0.67
59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	206104	0.75000	0.75
60 1,1,2-Trichloroethane	83	14.227	14.227	(0.915)	137890	0.75000	0.70
61 Tetrachloroethene	166	14.339	14.344	(0.923)	382020	0.75000	0.64
62 2-Hexanone	43	14.537	14.564	(0.935)	57231	0.75000	0.56
63 Dibromochloromethane	129	14.778	14.778	(0.951)	354995	0.75000	0.76
64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	282162	0.75000	0.75
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3639792	2.00000	
66 Chlorobenzene	112	15.580	15.585	(1.002)	456897	0.75000	0.74
67 Ethylbenzene	91	15.650	15.650	(1.007)	652465	0.75000	0.76
69 Xylene (m,p)	106	15.799	15.799	(1.017)	512472	1.50000	1.7
M 70 Xylene, Total	106				756601	2.25000	2.6
71 Xylene (o)	106	16.318	16.318	(1.050)	244129	0.75000	0.86

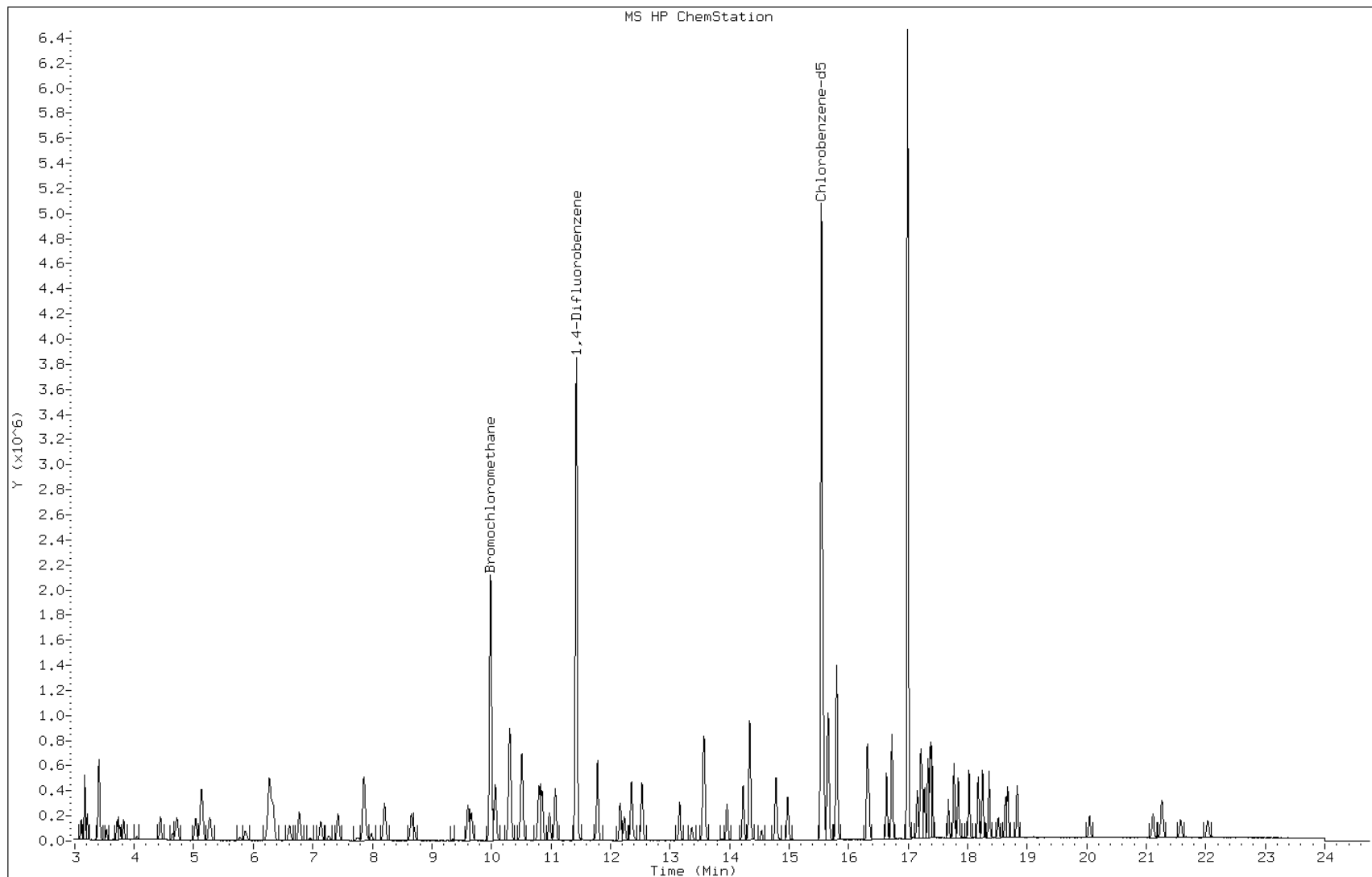
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	221208	0.75000	1.0(A)
73 Bromoform	173	16.639	16.634	(1.071)	285340	0.75000	0.91
74 Isopropylbenzene	105	16.730	16.730	(1.076)	665179	0.75000	0.83
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	180793	0.75000	0.78
76 n-Propylbenzene	91	17.212	17.212	(1.107)	577257	0.75000	0.78
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	456648	0.75000	0.83
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	559680	0.75000	0.78
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	361257	0.75000	0.76
83 tert-butylbenzene	119	17.773	17.774	(1.144)	346000	0.75000	0.72
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	307549	0.75000	0.70
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	426432	0.75000	0.69
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	330355	0.75000	0.69
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	261334	0.75000	0.69
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	263441	0.75000	0.70
89 Benzyl chloride	91	18.517	18.512	(1.191)	132591	0.75000	0.67
91 n-Butylbenzene	91	18.672	18.672	(1.201)	262774	0.75000	0.69
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	221105	0.75000	0.69
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	97429	0.75000	0.80
95 1,3-Hexachlorobutadiene	225	21.272	21.262	(1.369)	92511	0.75000	0.69
96 Naphthalene	128	21.577	21.582	(1.388)	195261	0.75000	0.84

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: eer009.d
Client ID: ic 273313
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273313
Lab Sample ID: ic 273313

Date: 05-JAN-2012 00:10
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer010.d
Lab Smp Id: ic 273313 Client Smp ID: ic 273313
Inj Date : 05-JAN-2012 01:05
Operator : wrd Inst ID: E.i
Smp Info : ic 273313
Misc Info : 500,1,level 8
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15l13t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 01:05 Cal File: eer010.d
Als bottle: 5 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
1 Propene	41	3.110	3.115	(0.311)	88419	1.00000	0.94
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	585117	1.00000	0.95
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	261141	1.00000	0.97
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	539360	1.00000	0.91
5 Chloromethane	50	3.538	3.543	(0.354)	111973	1.00000	0.95
6 Butane	43	3.720	3.720	(0.373)	185494	1.00000	0.96
7 Vinyl chloride	62	3.757	3.757	(0.376)	144412	1.00000	0.86
8 1,3-Butadiene	54	3.821	3.827	(0.383)	99437	1.00000	0.86
9 Bromomethane	94	4.442	4.447	(0.445)	179450	1.00000	0.87
10 Chloroethane	64	4.651	4.656	(0.466)	78022	1.00000	0.85
12 Vinyl bromide	106	5.030	5.036	(0.504)	213249	1.00000	0.90
13 Trichlorofluoromethane	101	5.127	5.138	(0.513)	818348	1.00000	0.90
15 Ethanol	45	5.774	5.828	(0.578)	67470	2.00000	1.9(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	542658	1.00000	0.92

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	228246	1.00000	0.88
20 Acetone	43	6.603	6.646	(0.661)	333051	1.00000	1.1
23 Carbon disulfide	76	6.774	6.780	(0.678)	636544	1.00000	0.97
21 Isopropanol	45	6.956	7.021	(0.697)	55019	1.00000	0.76(Q)
22 Allyl chloride	41	7.138	7.138	(0.715)	177372	1.00000	0.88
25 Methylene chloride	49	7.427	7.433	(0.744)	204035	1.00000	0.92
26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	62915	1.00000	0.68(H)
27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	333551	1.00000	0.91
28 Methyl tert-butyl ether	73	7.866	7.946	(0.788)	608951	1.00000	1.0(A)
30 n-Hexane	57	8.208	8.203	(0.822)	289084	1.00000	0.93
31 1,1-Dichloroethane	63	8.658	8.658	(0.867)	377769	1.00000	0.89
32 Vinyl acetate	43	8.706	8.716	(0.872)	293860	1.00000	1.2
M 33 1,2-Dichloroethene, Total	61				564146	2.00000	1.8
34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	230595	1.00000	0.88
38 Methyl Ethyl Ketone	43	9.658	9.695	(0.967)	563056	1.00000	1.2
35 Ethyl acetate	88	9.669	9.695	(0.968)	16191	1.00000	1.1
* 36 Bromochloromethane	128	9.984	9.990	(1.000)	849731	2.00000	
37 Tetrahydrofuran	42	10.043	10.086	(0.879)	141938	1.00000	1.1
39 Chloroform	83	10.070	10.075	(1.009)	530074	1.00000	0.86
40 Cyclohexane	84	10.311	10.305	(0.902)	353914	1.00000	0.94
41 1,1,1-Trichloroethane	97	10.311	10.316	(0.902)	715931	1.00000	0.92
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	840046	1.00000	0.93
43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	835115	1.00000	0.88
44 Benzene	78	10.856	10.851	(0.950)	605924	1.00000	0.86
45 1,2-Dichloroethane	62	10.974	10.979	(0.960)	342977	1.00000	0.92
46 n-Heptane	43	11.076	11.076	(0.969)	258664	1.00000	0.89
* 47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4173016	2.00000	
49 Trichloroethene	95	11.782	11.782	(1.031)	346408	1.00000	0.89
50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	181970	1.00000	0.94
51 Methyl methacrylate	69	12.231	12.253	(1.070)	156942	1.00000	1.3
53 1,4-Dioxane	88	12.381	12.451	(1.083)	56053	1.00000	1.1(H)
54 Bromodichloromethane	83	12.531	12.531	(1.096)	546574	1.00000	1.0(A)
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	309066	1.00000	1.0(A)
56 Methyl isobutyl ketone	43	13.365	13.403	(1.169)	169831	1.00000	1.2
58 Toluene	92	13.579	13.579	(0.874)	456560	1.00000	0.95
59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	321482	1.00000	1.1(A)
60 1,1,2-Trichloroethane	83	14.227	14.227	(0.915)	211408	1.00000	1.0(A)
61 Tetrachloroethene	166	14.339	14.344	(0.923)	520337	1.00000	0.82
62 2-Hexanone	43	14.537	14.564	(0.935)	125830	1.00000	1.2
63 Dibromochloromethane	129	14.778	14.778	(0.951)	535119	1.00000	1.1(A)
64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	416423	1.00000	1.0(A)
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3864256	2.00000	
66 Chlorobenzene	112	15.585	15.585	(1.003)	665659	1.00000	1.0(Q)
67 Ethylbenzene	91	15.650	15.650	(1.007)	998845	1.00000	1.1(A)
69 Xylene (m,p)	106	15.799	15.799	(1.017)	794460	2.00000	2.5(A)
M 70 Xylene, Total	106				1189407	3.00000	3.8
71 Xylene (o)	106	16.313	16.318	(1.050)	394947	1.00000	1.3(A)

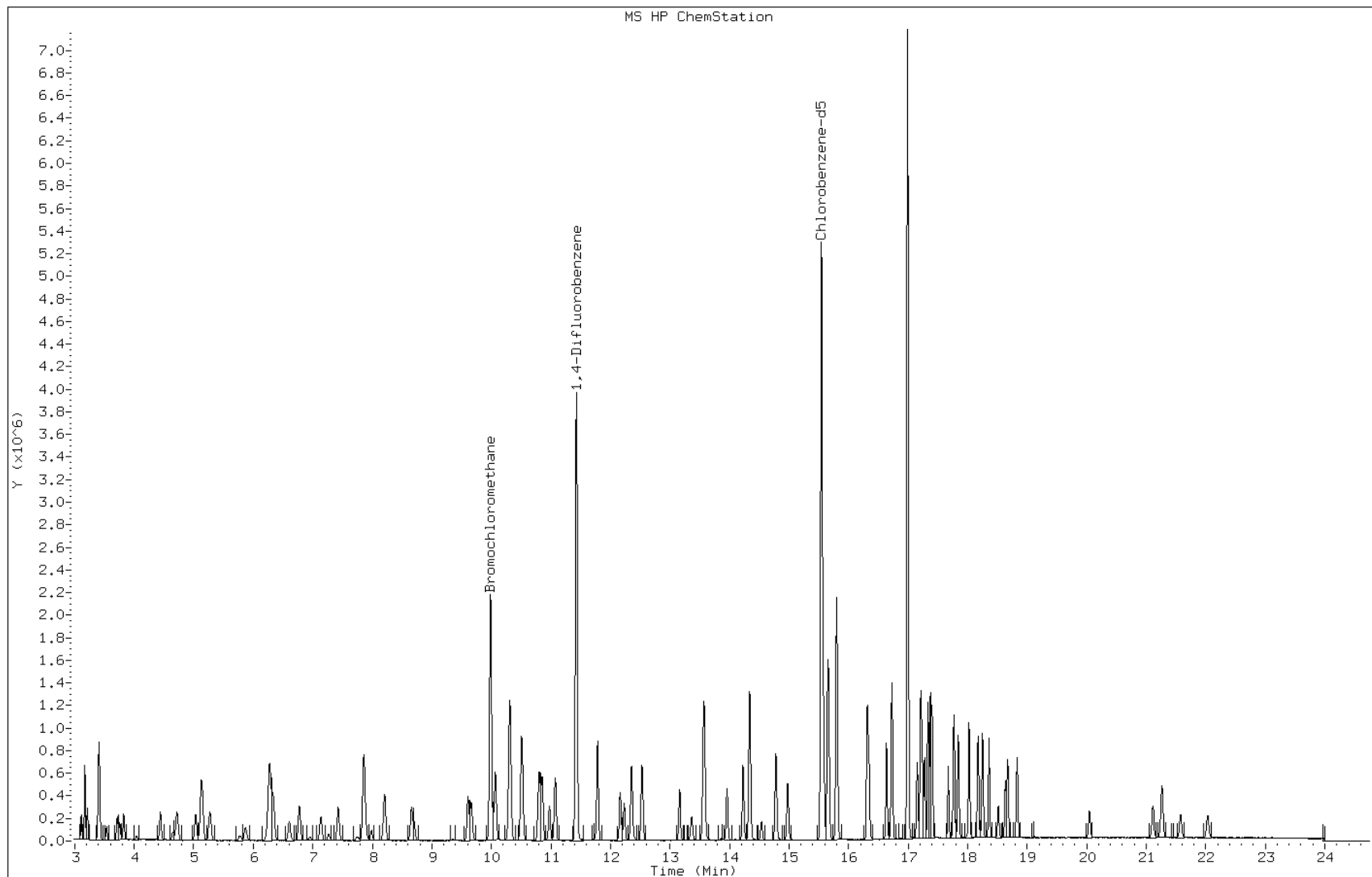
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	409229	1.00000	1.8(A)
73 Bromoform	173	16.639	16.634	(1.071)	457485	1.00000	1.4(A)
74 Isopropylbenzene	105	16.730	16.730	(1.076)	1130505	1.00000	1.3
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	326274	1.00000	1.3(A)
76 n-Propylbenzene	91	17.212	17.212	(1.107)	1049816	1.00000	1.3
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	867931	1.00000	1.5(A)
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	950442	1.00000	1.2
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	686620	1.00000	1.4(A)
83 tert-butylbenzene	119	17.773	17.774	(1.144)	664165	1.00000	1.3
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	597562	1.00000	1.3
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	822592	1.00000	1.3
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	626188	1.00000	1.2
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	462650	1.00000	1.2
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	435519	1.00000	1.1
89 Benzyl chloride	91	18.517	18.512	(1.191)	235706	1.00000	1.1
91 n-Butylbenzene	91	18.672	18.672	(1.201)	457820	1.00000	1.1
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	364127	1.00000	1.1
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	146981	1.00000	1.1
95 1,3-Hexachlorobutadiene	225	21.267	21.262	(1.368)	137667	1.00000	0.97
96 Naphthalene	128	21.582	21.582	(1.389)	289175	1.00000	1.2

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: eer010.d
Client ID: ic 273313
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273313
Lab Sample ID: ic 273313

Date: 05-JAN-2012 01:05
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer011.d
 Lab Smp Id: ic 273171 Client Smp ID: ic 273171
 Inj Date : 05-JAN-2012 02:00
 Operator : wrd Inst ID: E.i
 Smp Info : ic 273171
 Misc Info : 150,1,level 9
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/to15l13t.m
 Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
 Cal Date : 05-JAN-2012 02:00 Cal File: eer011.d
 Als bottle: 6 Calibration Sample, Level: 9
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		3.110	3.115 (0.311)		147057	1.50000	1.5
2 Dichlorodifluoromethane	85		3.174	3.174 (0.318)		895491	1.50000	1.4(A)
3 Chlorodifluoromethane	51		3.217	3.222 (0.322)		410210	1.50000	1.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.409	3.415 (0.341)		876653	1.50000	1.4(A)
5 Chloromethane	50		3.538	3.543 (0.354)		179756	1.50000	1.5
6 Butane	43		3.720	3.720 (0.373)		309822	1.50000	1.6
7 Vinyl chloride	62		3.757	3.757 (0.376)		246411	1.50000	1.4(A)
8 1,3-Butadiene	54		3.827	3.827 (0.383)		166258	1.50000	1.4(A)
9 Bromomethane	94		4.442	4.447 (0.445)		291625	1.50000	1.4(A)
10 Chloroethane	64		4.650	4.656 (0.466)		129324	1.50000	1.4(A)
12 Vinyl bromide	106		5.036	5.036 (0.504)		343971	1.50000	1.4(A)
13 Trichlorofluoromethane	101		5.132	5.138 (0.514)		1329359	1.50000	1.4(A)
15 Ethanol	45		5.769	5.828 (0.578)		114056	3.00000	3.2(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.282	6.282 (0.629)		882735	1.50000	1.5(A)

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.336	6.341	(0.635)	377205	1.50000	1.4(A)
20 Acetone	43	6.608	6.646	(0.662)	353724	1.50000	1.2
23 Carbon disulfide	76	6.780	6.780	(0.679)	1052265	1.50000	1.6
21 Isopropanol	45	6.945	7.021	(0.696)	149919	1.50000	2.0(AQ)
22 Allyl chloride	41	7.138	7.138	(0.715)	264079	1.50000	1.3(A)
25 Methylene chloride	49	7.427	7.433	(0.744)	329936	1.50000	1.5
26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	173365	1.50000	1.8(H)
27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	544703	1.50000	1.4(A)
28 Methyl tert-butyl ether	73	7.871	7.946	(0.788)	682807	1.50000	1.2(A)
30 n-Hexane	57	8.203	8.203	(0.822)	451626	1.50000	1.4(A)
31 1,1-Dichloroethane	63	8.657	8.658	(0.867)	528385	1.50000	1.2(A)
32 Vinyl acetate	43	8.711	8.716	(0.872)	319058	1.50000	1.3
M 33 1,2-Dichloroethene, Total	61				876989	3.00000	2.7
34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	332286	1.50000	1.2(A)
38 Methyl Ethyl Ketone	43	9.663	9.695	(0.968)	651071	1.50000	1.3
35 Ethyl acetate	88	9.668	9.695	(0.968)	19308	1.50000	1.3
* 36 Bromochloromethane	128	9.984	9.990	(1.000)	863582	2.00000	
37 Tetrahydrofuran	42	10.048	10.086	(0.879)	158782	1.50000	1.3
39 Chloroform	83	10.070	10.075	(1.009)	704107	1.50000	1.1(A)
40 Cyclohexane	84	10.305	10.305	(0.902)	558167	1.50000	1.5(A)
41 1,1,1-Trichloroethane	97	10.310	10.316	(0.902)	1025277	1.50000	1.3(A)
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	1297545	1.50000	1.4(A)
43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	1047634	1.50000	1.1(A)
44 Benzene	78	10.856	10.851	(0.950)	749498	1.50000	1.1(A)
45 1,2-Dichloroethane	62	10.974	10.979	(0.960)	415833	1.50000	1.1(A)
46 n-Heptane	43	11.070	11.076	(0.969)	326603	1.50000	1.2(A)
* 47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4095594	2.00000	
49 Trichloroethene	95	11.782	11.782	(1.031)	471309	1.50000	1.2(A)
50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	210738	1.50000	1.1(A)
51 Methyl methacrylate	69	12.236	12.253	(1.071)	174750	1.50000	1.5
53 1,4-Dioxane	88	12.375	12.451	(1.083)	92083	1.50000	1.8
54 Bromodichloromethane	83	12.531	12.531	(1.096)	652962	1.50000	1.2(A)
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	363454	1.50000	1.2(A)
56 Methyl isobutyl ketone	43	13.365	13.403	(1.169)	218797	1.50000	1.6
58 Toluene	92	13.579	13.579	(0.874)	498474	1.50000	1.0(A)
59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	355820	1.50000	1.3(A)
60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	240931	1.50000	1.2(A)
61 Tetrachloroethene	166	14.339	14.344	(0.923)	621161	1.50000	0.99
62 2-Hexanone	43	14.537	14.564	(0.935)	188165	1.50000	1.8
63 Dibromochloromethane	129	14.777	14.778	(0.951)	618245	1.50000	1.3(A)
64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	488365	1.50000	1.2(A)
* 65 Chlorobenzene-d5	117	15.542	15.543	(1.000)	3791347	2.00000	
66 Chlorobenzene	112	15.580	15.585	(1.002)	765644	1.50000	1.2(Q)
67 Ethylbenzene	91	15.649	15.650	(1.007)	1091185	1.50000	1.2(A)
69 Xylene (m,p)	106	15.799	15.799	(1.017)	856416	3.00000	2.8(A)
M 70 Xylene, Total	106				1270236	4.50000	4.2
71 Xylene (o)	106	16.313	16.318	(1.050)	413820	1.50000	1.4(A)

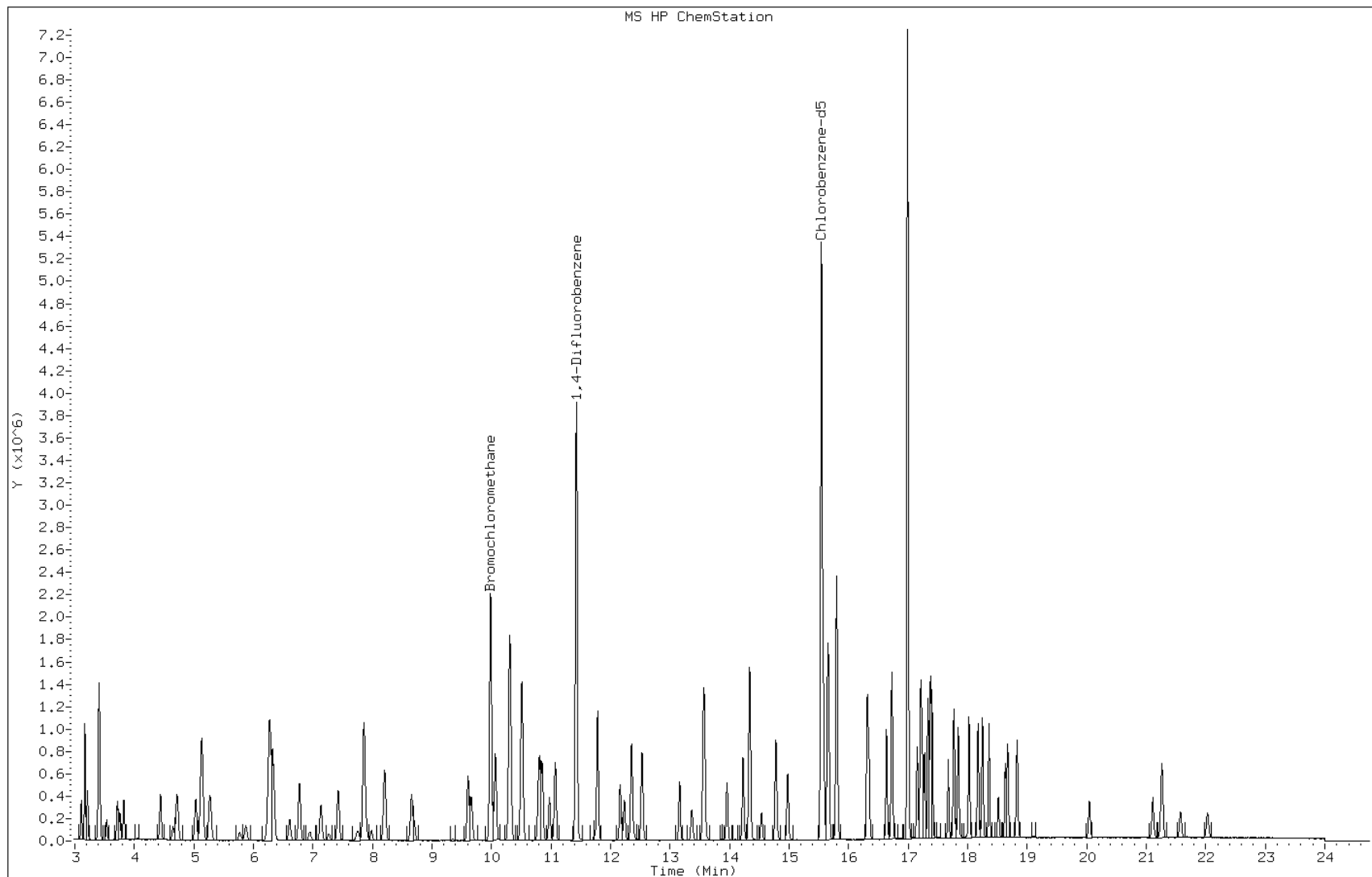
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	444647	1.50000	2.0(A)
73 Bromoform	173	16.639	16.634	(1.071)	533917	1.50000	1.6(A)
74 Isopropylbenzene	105	16.730	16.730	(1.076)	1204210	1.50000	1.4
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	391010	1.50000	1.6(A)
76 n-Propylbenzene	91	17.212	17.212	(1.107)	1123174	1.50000	1.4
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	912250	1.50000	1.6(A)
80 2-Chlorotoluene	91	17.377	17.378	(1.118)	1054836	1.50000	1.4
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	723005	1.50000	1.5(A)
83 tert-butylbenzene	119	17.768	17.774	(1.143)	695830	1.50000	1.4
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	632833	1.50000	1.4
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	877399	1.50000	1.4
86 4-Isopropyltoluene	119	18.174	18.175	(1.169)	702240	1.50000	1.4
87 1,3-Dichlorobenzene	146	18.249	18.250	(1.174)	526865	1.50000	1.3
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	518601	1.50000	1.3
89 Benzyl chloride	91	18.517	18.512	(1.191)	302701	1.50000	1.4
91 n-Butylbenzene	91	18.672	18.672	(1.201)	549802	1.50000	1.4
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	457137	1.50000	1.4
94 1,2,4-Trichlorobenzene	180	21.111	21.112	(1.358)	178636	1.50000	1.4
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	195204	1.50000	1.4
96 Naphthalene	128	21.577	21.582	(1.388)	325909	1.50000	1.3

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: eer011.d
Client ID: ic 273171
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273171
Lab Sample ID: ic 273171

Date: 05-JAN-2012 02:00
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer012.d
 Lab Smp Id: ic 273171 Client Smp ID: ic 273171
 Inj Date : 05-JAN-2012 02:54
 Operator : wrd Inst ID: E.i
 Smp Info : ic 273171
 Misc Info : 200,1,level 10
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/to15l13t.m
 Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
 Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
 Als bottle: 7 Calibration Sample, Level: 10
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all74+MN.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Propene		41	3.110	3.115 (0.311)		193085	2.00000	2.0
2 Dichlorodifluoromethane		85	3.174	3.174 (0.318)		1231261	2.00000	1.9(A)
3 Chlorodifluoromethane		51	3.217	3.222 (0.322)		543958	2.00000	2.0
4 1,2-Dichloro-1,1,2,2-tetraflu		85	3.409	3.415 (0.341)		1153133	2.00000	1.9(A)
5 Chloromethane		50	3.538	3.543 (0.354)		236950	2.00000	1.9
6 Butane		43	3.714	3.720 (0.372)		413215	2.00000	2.1(A)
7 Vinyl chloride		62	3.757	3.757 (0.376)		328972	2.00000	1.9(A)
8 1,3-Butadiene		54	3.821	3.827 (0.383)		216863	2.00000	1.8(A)
9 Bromomethane		94	4.437	4.447 (0.444)		382481	2.00000	1.8(A)
10 Chloroethane		64	4.651	4.656 (0.466)		171586	2.00000	1.8(A)
12 Vinyl bromide		106	5.036	5.036 (0.504)		473826	2.00000	1.9(A)
13 Trichlorofluoromethane		101	5.132	5.138 (0.514)		1760419	2.00000	1.9(A)
15 Ethanol		45	5.753	5.828 (0.576)		171116	4.00000	4.8(AH)
17 1,1,2-Trichloro-1,2,2-Trifluo		101	6.277	6.282 (0.629)		1203493	2.00000	2.0(A)

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96	6.336	6.341 (0.635)		518143	2.00000	1.9(A)
20 Acetone	43	6.598	6.646 (0.661)		523555	2.00000	1.7
23 Carbon disulfide	76	6.774	6.780 (0.678)		1428563	2.00000	2.1(A)
21 Isopropanol	45	6.930	7.021 (0.694)		205920	2.00000	2.8(AQ)
22 Allyl chloride	41	7.138	7.138 (0.715)		388675	2.00000	1.9(A)
25 Methylene chloride	49	7.427	7.433 (0.744)		454115	2.00000	2.0
26 Tert-butyl alcohol	59	7.732	7.855 (0.774)		223282	2.00000	2.3(AH)
27 1,2-Dichloroethene (trans)	61	7.855	7.861 (0.787)		742737	2.00000	2.0(A)
28 Methyl tert-butyl ether	73	7.855	7.946 (0.787)		1054768	2.00000	1.8(A)
30 n-Hexane	57	8.208	8.203 (0.822)		641051	2.00000	2.0(A)
31 1,1-Dichloroethane	63	8.657	8.658 (0.867)		810187	2.00000	1.8(A)
32 Vinyl acetate	43	8.706	8.716 (0.872)		502104	2.00000	2.0
M 33 1,2-Dichloroethene, Total	61				1237692	4.00000	3.8
34 1,2-Dichloroethene (cis)	96	9.604	9.605 (0.962)		494955	2.00000	1.8(A)
38 Methyl Ethyl Ketone	43	9.652	9.695 (0.967)		1003286	2.00000	2.0(A)
35 Ethyl acetate	88	9.658	9.695 (0.967)		28423	2.00000	1.9(Q)
* 36 Bromochloromethane	128	9.984	9.990 (1.000)		878519	2.00000	
37 Tetrahydrofuran	42	10.032	10.086 (0.878)		244817	2.00000	2.0
39 Chloroform	83	10.070	10.075 (1.009)		1088660	2.00000	1.7(A)
40 Cyclohexane	84	10.305	10.305 (0.902)		768219	2.00000	2.0(A)
41 1,1,1-Trichloroethane	97	10.310	10.316 (0.902)		1481435	2.00000	1.9(A)
42 Carbon tetrachloride	117	10.514	10.514 (0.920)		1785206	2.00000	1.9(A)
43 2,2,4-Trimethylpentane	57	10.808	10.803 (0.946)		1630075	2.00000	1.7(A)
44 Benzene	78	10.856	10.851 (0.950)		1186363	2.00000	1.7(A)
45 1,2-Dichloroethane	62	10.974	10.979 (0.960)		657065	2.00000	1.7(A)
46 n-Heptane	43	11.070	11.076 (0.969)		503629	2.00000	1.7(A)
* 47 1,4-Difluorobenzene	114	11.429	11.429 (1.000)		4218821	2.00000	
49 Trichloroethene	95	11.782	11.782 (1.031)		718312	2.00000	1.8(A)
50 1,2-Dichloropropane	63	12.167	12.162 (1.065)		329106	2.00000	1.7(A)
51 Methyl methacrylate	69	12.231	12.253 (1.070)		289866	2.00000	2.4(A)
53 1,4-Dioxane	88	12.370	12.451 (1.082)		135829	2.00000	2.6(AH)
54 Bromodichloromethane	83	12.536	12.531 (1.097)		1015537	2.00000	1.8(A)
55 1,3-Dichloropropene (cis)	75	13.162	13.162 (1.152)		559637	2.00000	1.8(A)
56 Methyl isobutyl ketone	43	13.360	13.403 (1.169)		351684	2.00000	2.6(A)
58 Toluene	92	13.579	13.579 (0.874)		779810	2.00000	1.6(A)
59 1,3-Dichloropropene (trans)	75	13.959	13.959 (1.221)		565678	2.00000	2.0(A)
60 1,1,2-Trichloroethane	83	14.226	14.227 (0.915)		370059	2.00000	1.8(A)
61 Tetrachloroethene	166	14.339	14.344 (0.923)		941621	2.00000	1.5(A)
62 2-Hexanone	43	14.531	14.564 (0.935)		291546	2.00000	2.7(A)
63 Dibromochloromethane	129	14.777	14.778 (0.951)		957814	2.00000	1.9(A)
64 1,2-Dibromoethane	107	14.981	14.976 (0.964)		753146	2.00000	1.9(A)
* 65 Chlorobenzene-d5	117	15.543	15.543 (1.000)		3892380	2.00000	
66 Chlorobenzene	112	15.580	15.585 (1.002)		1153387	2.00000	1.7(Q)
67 Ethylbenzene	91	15.649	15.650 (1.007)		1681098	2.00000	1.8(A)
69 Xylene (m,p)	106	15.799	15.799 (1.017)		1323146	4.00000	4.2(A)
M 70 Xylene, Total	106				1975197	6.00000	6.3
71 Xylene (o)	106	16.313	16.318 (1.050)		652051	2.00000	2.2(A)

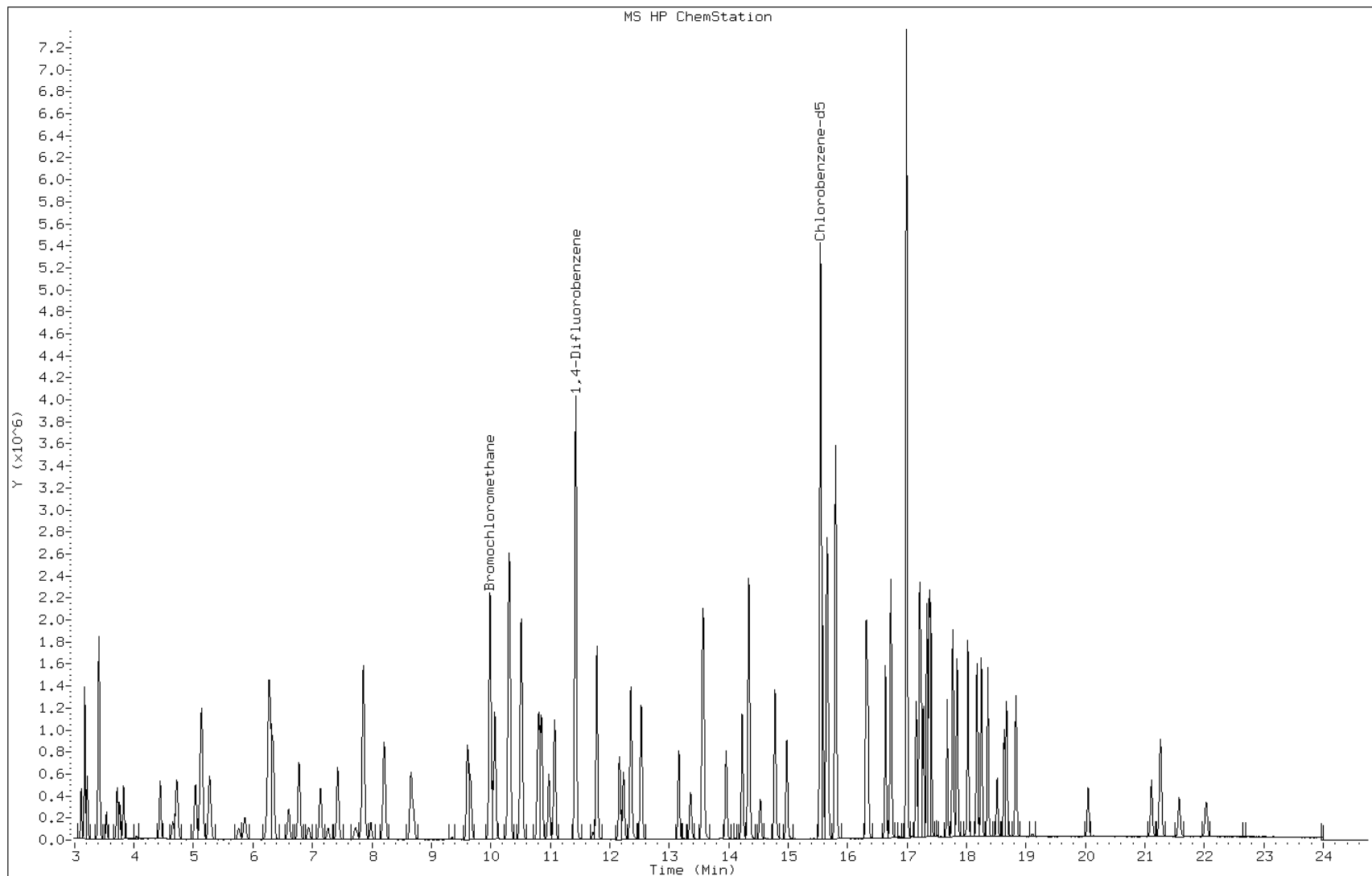
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====
72 Styrene	104	16.345	16.345	(1.052)	733507	2.00000	3.3(A)
73 Bromoform	173	16.639	16.634	(1.071)	832649	2.00000	2.5(A)
74 Isopropylbenzene	105	16.730	16.730	(1.076)	1914691	2.00000	2.2(A)
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	619002	2.00000	2.5(A)
76 n-Propylbenzene	91	17.212	17.212	(1.107)	1865652	2.00000	2.4(A)
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	1521635	2.00000	2.6(A)
80 2-Chlorotoluene	91	17.377	17.378	(1.118)	1666234	2.00000	2.2(A)
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	1208926	2.00000	2.4(A)
83 tert-butylbenzene	119	17.768	17.774	(1.143)	1157803	2.00000	2.2(A)
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	1039899	2.00000	2.2(A)
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	1446755	2.00000	2.2(A)
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	1094073	2.00000	2.1(A)
87 1,3-Dichlorobenzene	146	18.249	18.250	(1.174)	809506	2.00000	2.0(A)
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	772287	2.00000	1.9
89 Benzyl chloride	91	18.517	18.512	(1.191)	454501	2.00000	2.1(A)
91 n-Butylbenzene	91	18.672	18.672	(1.201)	820676	2.00000	2.0(A)
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	662357	2.00000	1.9
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	259363	2.00000	2.0
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	268099	2.00000	1.9
96 Naphthalene	128	21.577	21.582	(1.388)	472364	2.00000	1.9

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: eer012.d
Client ID: ic 273171
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 273171
Lab Sample ID: ic 273171

Date: 05-JAN-2012 02:54
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.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: ICV 200-31788/14 Calibration Date: 01/05/2012 04:44
 Instrument ID: E.i Calib Start Date: 01/04/2012 18:42
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/05/2012 02:54
 Lab File ID: eer014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 273314

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.444	1.360		0.188	0.200	-5.8	30.0
Chlorodifluoromethane	Ave	0.6310	0.6334		0.200	0.200	0.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.395	1.293		0.185	0.200	-7.3	30.0
Chloromethane	Ave	0.2776	0.2983		0.214	0.200	7.4	30.0
Butane	Ave	0.4544	0.4163		0.183	0.200	-8.4	30.0
Vinyl chloride	Ave	0.3969	0.3692		0.186	0.200	-7.0	30.0
1,3-Butadiene	Ave	0.2709	0.2620		0.193	0.200	-3.3	30.0
Bromomethane	Ave	0.4867	0.4190		0.172	0.200	-13.9	30.0
Chloroethane	Ave	0.2156	0.2072		0.192	0.200	-3.9	30.0
Bromoethene (Vinyl Bromide)	Ave	0.5591	0.5352		0.191	0.200	-4.3	30.0
Trichlorofluoromethane	Ave	2.133	1.957		0.183	0.200	-8.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.391	1.518		0.218	0.200	9.1	30.0
1,1-Dichloroethene	Ave	0.6076	0.6362		0.209	0.200	4.7	30.0
Carbon disulfide	Ave	1.546	1.647		0.212	0.200	6.5	30.0
3-Chloropropene	Ave	0.4737	0.4859		0.205	0.200	2.6	30.0
Methylene Chloride	Ave	0.5197	0.6372		0.245	0.200	22.6	30.0
trans-1,2-Dichloroethene	Ave	0.8642	0.8550		0.197	0.200	-1.1	30.0
Methyl tert-butyl ether	Ave	1.354	1.509		0.223	0.200	11.5	30.0
n-Hexane	Ave	0.7338	0.7734		0.210	0.200	5.4	30.0
1,1-Dichloroethane	Ave	0.997	1.021		0.204	0.200	2.4	30.0
cis-1,2-Dichloroethene	Ave	0.6127	0.6168		0.201	0.200	0.7	30.0
2-Butanone (MEK)	Ave	1.128	1.321		0.234	0.200	17.2	30.0
Chloroform	Ave	1.453	1.457		0.200	0.200	0.3	30.0
1,1,1-Trichloroethane	Ave	0.3742	0.3706		0.198	0.200	-1.0	30.0
Cyclohexane	Ave	0.1796	0.1816		0.202	0.200	1.1	30.0
Carbon tetrachloride	Ave	0.4345	0.4105		0.189	0.200	-5.5	30.0
2,2,4-Trimethylpentane	Ave	0.4534	0.4921		0.217	0.200	8.5	30.0
Benzene	Ave	0.3388	0.3415		0.201	0.200	0.8	30.0
1,2-Dichloroethane	Ave	0.1789	0.1815		0.202	0.200	1.4	30.0
n-Heptane	Ave	0.1386	0.1520		0.219	0.200	9.7	30.0
Trichloroethene	Ave	0.1872	0.1838		0.196	0.200	-1.8	30.0
1,2-Dichloropropane	Ave	0.0929	0.0952		0.204	0.200	2.4	30.0
Methyl methacrylate	Ave	0.0568	0.0573		0.201	0.200	0.8	30.0
Bromodichloromethane	Ave	0.2616	0.2730		0.208	0.200	4.3	30.0
cis-1,3-Dichloropropene	Ave	0.1467	0.1501		0.204	0.200	2.3	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.0652	0.0624		0.191	0.200	-4.4	30.0
Toluene	Ave	0.2482	0.2646		0.213	0.200	6.6	30.0
trans-1,3-Dichloropropene	Ave	0.1362	0.1357		0.199	0.200	-0.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: ICV 200-31788/14 Calibration Date: 01/05/2012 04:44
 Instrument ID: E.i Calib Start Date: 01/04/2012 18:42
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/05/2012 02:54
 Lab File ID: eer014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 273314

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2-Trichloroethane	Ave	0.1086	0.1126		0.207	0.200	3.6	30.0
Tetrachloroethene	Ave	0.3298	0.3173		0.192	0.200	-3.8	30.0
2-Hexanone	Ave	0.0562	0.0442		0.157	0.200	-21.3	30.0
Dibromochloromethane	Ave	0.2550	0.2691		0.211	0.200	5.5	30.0
1,2-Dibromoethane	Ave	0.2076	0.2172		0.209	0.200	4.6	30.0
Chlorobenzene	Ave	0.3405	0.3818		0.224	0.200	12.1	30.0
Ethylbenzene	Ave	0.4698	0.5233		0.222	0.200	11.4	30.0
m-Xylene & p-Xylene	Ave	0.1625	0.1925		0.473	0.399	18.5	30.0
o-Xylene	Ave	0.1553	0.1797		0.231	0.200	15.7	30.0
Styrene	Ave	0.1153	0.1123		0.194	0.200	-2.6	30.0
Bromoform	Ave	0.1719	0.1830		0.212	0.200	6.4	30.0
Isopropylbenzene	Ave	0.4416	0.4343		0.196	0.200	-1.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1266	0.1239		0.195	0.200	-2.2	30.0
N-Propylbenzene	Ave	0.4062	0.3799		0.187	0.200	-6.5	30.0
4-Ethyltoluene	Ave	0.3017	0.3126		0.207	0.200	3.6	30.0
2-Chlorotoluene	Ave	0.3958	0.3955		0.199	0.200	-0.0	30.0
1,3,5-Trimethylbenzene	Ave	0.2600	0.2506		0.192	0.200	-3.6	30.0
tert-Butylbenzene	Ave	0.2658	0.2553		0.192	0.200	-4.0	30.0
1,2,4-Trimethylbenzene	Ave	0.2405	0.2303		0.191	0.200	-4.3	30.0
sec-Butylbenzene	Ave	0.3374	0.3437		0.203	0.200	1.9	30.0
4-Isopropyltoluene	Ave	0.2627	0.2464		0.187	0.200	-6.2	30.0
1,3-Dichlorobenzene	Ave	0.2076	0.2024		0.195	0.200	-2.5	30.0
1,4-Dichlorobenzene	Ave	0.2065	0.2065		0.200	0.200	0.0	30.0
Benzyl chloride	Ave	0.1094	0.1265		0.231	0.200	15.6	30.0
n-Butylbenzene	Ave	0.2101	0.2055		0.195	0.200	-2.2	30.0
1,2-Dichlorobenzene	Ave	0.1770	0.1715		0.193	0.200	-3.2	30.0
1,2,4-Trichlorobenzene	Ave	0.0672	0.0639		0.190	0.200	-4.9	30.0
Hexachlorobutadiene	Ave	0.0735	0.0641		0.174	0.200	-12.9	30.0
Naphthalene	Ave	0.1279	0.1312		0.205	0.200	2.5	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer014.d
Lab Smp Id: icv 273314 Client Smp ID: icv 273314
Inj Date : 05-JAN-2012 04:44
Operator : wrd Inst ID: E.i
Smp Info : icv 273314
Misc Info : 500,1,icv
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15l13t.m
Meth Date : 05-Jan-2012 13:03 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN0.2.sub
Target Version: 3.50
Processing Host: chemsvr6

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

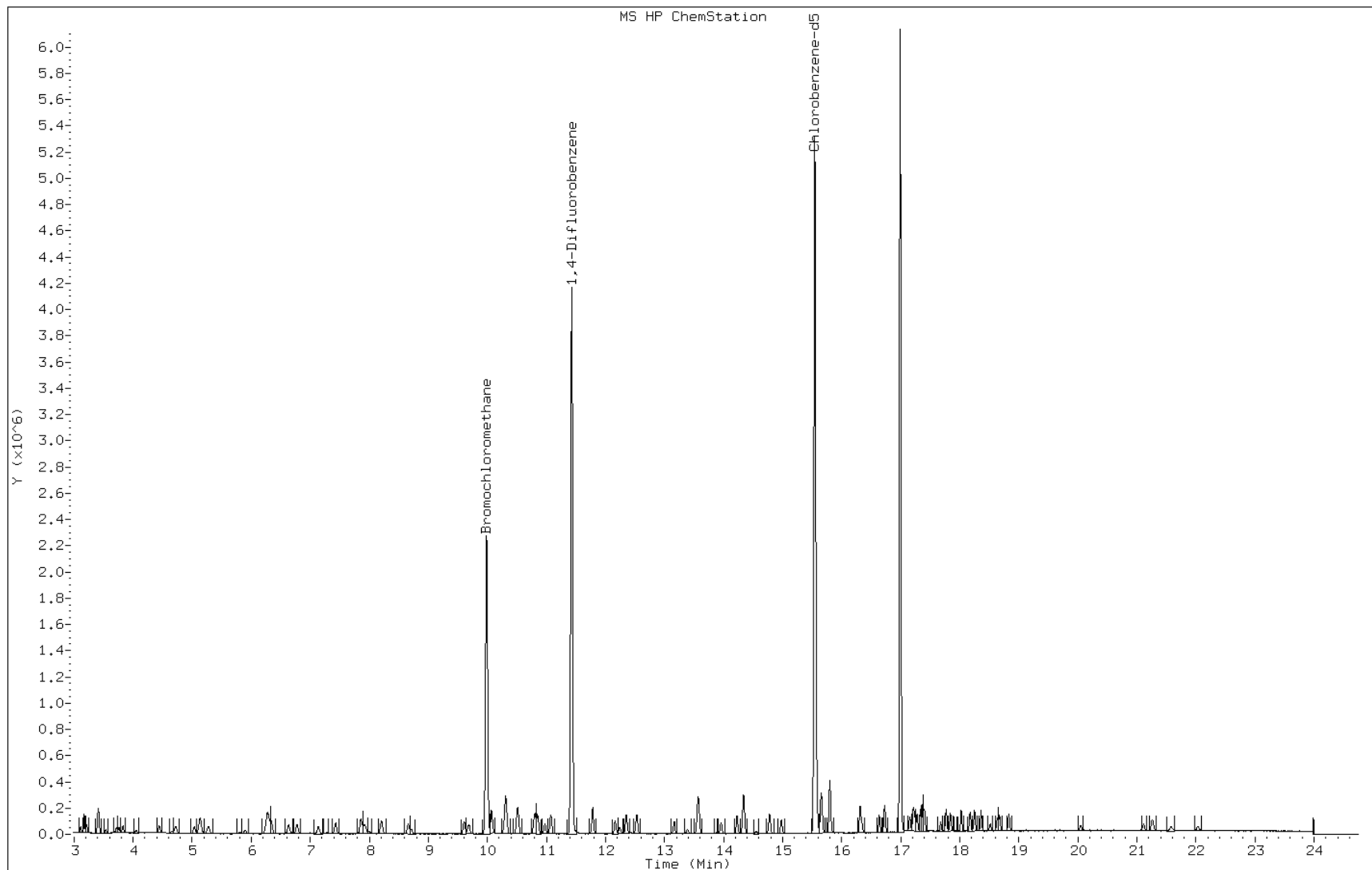
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	121761	0.18794	0.19
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	56717	0.20027	0.20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.410	3.415	(0.341)	115792	0.18489	0.18
5 Chloromethane	50	3.543	3.543	(0.355)	26709	0.21437	0.21
6 Butane	43	3.714	3.720	(0.372)	37282	0.18284	0.18
7 Vinyl chloride	62	3.757	3.757	(0.376)	33064	0.18564	0.18
8 1,3-Butadiene	54	3.827	3.827	(0.383)	23458	0.19294	0.19
9 Bromomethane	94	4.442	4.447	(0.445)	37519	0.17176	0.17
10 Chloroethane	64	4.661	4.656	(0.467)	18550	0.19175	0.19
12 Vinyl bromide	106	5.036	5.036	(0.504)	47923	0.19100	0.19
13 Trichlorofluoromethane	101	5.137	5.138	(0.515)	175210	0.18306	0.18
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	135910	0.21777	0.22
19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	56967	0.20893	0.21
23 Carbon disulfide	76	6.780	6.780	(0.679)	147459	0.21248	0.21

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
22 Allyl chloride	41	7.133	7.138	(0.714)	43516	0.20470	0.20
25 Methylene chloride	49	7.427	7.433	(0.744)	57060	0.24465	0.24
27 1,2-Dichloroethene (trans)	61	7.860	7.861	(0.787)	76567	0.19742	0.20
28 Methyl tert-butyl ether	73	7.919	7.946	(0.793)	135171	0.22252	0.22
30 n-Hexane	57	8.197	8.203	(0.821)	69257	0.21029	0.21
31 1,1-Dichloroethane	63	8.658	8.658	(0.867)	91450	0.20442	0.20
M 33 1,2-Dichloroethene, Total	61				131803	0.39829	0.40
34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	55236	0.20087	0.20
38 Methyl Ethyl Ketone	43	9.679	9.695	(0.969)	118310	0.23379	0.23
* 36 Bromochloromethane	128	9.984	9.990	(1.000)	897583	2.00000	
39 Chloroform	83	10.070	10.075	(1.009)	130458	0.20007	0.20
40 Cyclohexane	84	10.311	10.305	(0.902)	79396	0.20171	0.20
41 1,1,1-Trichloroethane	97	10.311	10.316	(0.902)	162065	0.19759	0.20
42 Carbon tetrachloride	117	10.514	10.514	(0.920)	179533	0.18853	0.19
43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	215205	0.21659	0.22
44 Benzene	78	10.856	10.851	(0.950)	149357	0.20114	0.20
45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	79350	0.20236	0.20
46 n-Heptane	43	11.070	11.076	(0.969)	66471	0.21880	0.22
* 47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4383408	2.00000	
49 Trichloroethene	95	11.782	11.782	(1.031)	80372	0.19592	0.20
50 1,2-Dichloropropane	63	12.162	12.162	(1.064)	41634	0.20443	0.20
51 Methyl methacrylate	69	12.242	12.253	(1.071)	25040	0.20111	0.20
54 Bromodichloromethane	83	12.531	12.531	(1.096)	119391	0.20820	0.21
55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	65634	0.20420	0.20
56 Methyl isobutyl ketone	43	13.381	13.403	(1.171)	27265	0.19077	0.19
58 Toluene	92	13.585	13.579	(0.874)	100825	0.21278	0.21
59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	59355	0.19885	0.20
60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	42881	0.20679	0.21
61 Tetrachloroethene	166	14.339	14.344	(0.923)	120888	0.19195	0.19
62 2-Hexanone	43	14.548	14.564	(0.936)	16842	0.15706	0.16
63 Dibromochloromethane	129	14.778	14.778	(0.951)	102541	0.21059	0.21
64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	82735	0.20873	0.21
* 65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3818789	2.00000	
66 Chlorobenzene	112	15.580	15.585	(1.002)	145471	0.22374	0.22
67 Ethylbenzene	91	15.655	15.650	(1.007)	199374	0.22227	0.22
69 Xylene (m,p)	106	15.799	15.799	(1.017)	146715	0.47279	0.47
M 70 Xylene, Total	106				215191	0.70371	0.70
71 Xylene (o)	106	16.318	16.318	(1.050)	68476	0.23092	0.23
72 Styrene	104	16.345	16.345	(1.052)	42787	0.19433	0.19
73 Bromoform	173	16.639	16.634	(1.071)	69702	0.21237	0.21
74 Isopropylbenzene	105	16.730	16.730	(1.076)	165445	0.19623	0.20
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	47194	0.19521	0.20
76 n-Propylbenzene	91	17.212	17.212	(1.107)	144730	0.18659	0.19
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	119085	0.20673	0.21
80 2-Chlorotoluene	91	17.372	17.378	(1.118)	150696	0.19942	0.20
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	95488	0.19235	0.19
83 tert-butylbenzene	119	17.773	17.774	(1.144)	97265	0.19164	0.19

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	87724	0.19102	0.19
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	130954	0.20329	0.20
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	93857	0.18711	0.19
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	77128	0.19462	0.19
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	78669	0.19954	0.20
89 Benzyl chloride	91	18.517	18.512	(1.191)	48186	0.23071	0.23
91 n-Butylbenzene	91	18.667	18.672	(1.201)	78273	0.19515	0.20
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	65319	0.19323	0.19
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	24362	0.18985	0.19
95 1,3-Hexachlorobutadiene	225	21.267	21.262	(1.368)	24407	0.17380	0.17
96 Naphthalene	128	21.588	21.582	(1.389)	49973	0.20459	0.20

Data File: eer014.d
Client ID: icv 273314
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 273314
Lab Sample ID: icv 273314

Date: 05-JAN-2012 04:44
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.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: CCVIS 200-34777/2 Calibration Date: 03/08/2012 15:58
 Instrument ID: E.i Calib Start Date: 01/04/2012 18:42
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/05/2012 02:54
 Lab File ID: eerv002.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	1.444	1.340		0.186	0.200	-7.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.395	1.261		0.181	0.200	-9.6	30.0
Chloromethane	Ave	0.2776	0.3080		0.222	0.200	11.0	30.0
Vinyl chloride	Ave	0.3969	0.3305		0.167	0.200	-16.7	30.0
1,3-Butadiene	Ave	0.2709	0.2134		0.158	0.200	-21.2	30.0
Bromomethane	Ave	0.4867	0.4318		0.178	0.200	-11.3	30.0
Chloroethane	Ave	0.2156	0.1689		0.157	0.200	-21.6	30.0
Bromoethene (Vinyl Bromide)	Ave	0.5591	0.5163		0.185	0.200	-7.6	30.0
Trichlorofluoromethane	Ave	2.133	1.930		0.181	0.200	-9.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.391	1.292		0.186	0.200	-7.1	30.0
1,1-Dichloroethene	Ave	0.6076	0.5427		0.179	0.200	-10.7	30.0
3-Chloropropene	Ave	0.4737	0.3578		0.151	0.200	-24.5	30.0
Methylene Chloride	Ave	0.5197	0.5213		0.201	0.200	0.3	30.0
trans-1,2-Dichloroethene	Ave	0.8642	0.7376		0.171	0.200	-14.7	30.0
Methyl tert-butyl ether	Ave	1.354	1.375		0.204	0.200	1.6	30.0
n-Hexane	Ave	0.7338	0.6773		0.185	0.200	-7.7	30.0
1,1-Dichloroethane	Ave	0.997	0.7821		0.157	0.200	-21.5	30.0
cis-1,2-Dichloroethene	Ave	0.6127	0.5145		0.168	0.200	-16.0	30.0
Chloroform	Ave	1.453	1.191		0.164	0.200	-18.0	30.0
Cyclohexane	Ave	0.1796	0.1769		0.197	0.200	-1.5	30.0
1,1,1-Trichloroethane	Ave	0.3742	0.3354		0.180	0.200	-10.4	30.0
Carbon tetrachloride	Ave	0.4345	0.3958		0.183	0.200	-8.9	30.0
2,2,4-Trimethylpentane	Ave	0.4534	0.4004		0.177	0.200	-11.7	30.0
Benzene	Ave	0.3388	0.3007		0.178	0.200	-11.3	30.0
1,2-Dichloroethane	Ave	0.1789	0.1533		0.172	0.200	-14.3	30.0
n-Heptane	Ave	0.1386	0.1273		0.184	0.200	-8.1	30.0
Trichloroethene	Ave	0.1872	0.1658		0.178	0.200	-11.4	30.0
1,2-Dichloropropane	Ave	0.0929	0.0835		0.180	0.200	-10.1	30.0
Bromodichloromethane	Ave	0.2616	0.2366		0.181	0.200	-9.6	30.0
cis-1,3-Dichloropropene	Ave	0.1467	0.1460		0.200	0.200	-0.4	30.0
Toluene	Ave	0.2482	0.2550		0.206	0.200	2.8	30.0
trans-1,3-Dichloropropene	Ave	0.1362	0.1359		0.200	0.200	-0.2	30.0
1,1,2-Trichloroethane	Ave	0.1086	0.1041		0.192	0.200	-4.2	30.0
Tetrachloroethene	Ave	0.3298	0.3019		0.183	0.200	-8.5	30.0
Dibromochloromethane	Ave	0.2550	0.2415		0.190	0.200	-5.3	30.0
1,2-Dibromoethane	Ave	0.2076	0.1926		0.186	0.200	-7.2	30.0
Chlorobenzene	Ave	0.3405	0.3523		0.207	0.200	3.5	30.0
Ethylbenzene	Ave	0.4698	0.4745		0.202	0.200	1.0	30.0
m-Xylene & p-Xylene	Ave	0.1625	0.1755		0.433	0.401	8.0	30.0
o-Xylene	Ave	0.1553	0.1655		0.214	0.200	6.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Lab Sample ID: CCVIS 200-34777/2 Calibration Date: 03/08/2012 15:58
Instrument ID: E.i Calib Start Date: 01/04/2012 18:42
GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/05/2012 02:54
Lab File ID: eerv002.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
Bromoform	Ave	0.1719	0.1723		0.201	0.200	0.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1266	0.1337		0.212	0.200	5.6	30.0
4-Ethyltoluene	Ave	0.3017	0.3397		0.226	0.200	12.6	30.0
1,3,5-Trimethylbenzene	Ave	0.2600	0.2829		0.218	0.200	8.8	30.0
1,2,4-Trimethylbenzene	Ave	0.2405	0.2657		0.221	0.200	10.5	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eervto15.b/eerv002.d
Lab Smp Id: ccvis 283007
Inj Date : 08-MAR-2012 15:58
Operator : wrd
Smp Info : ccvis 283007
Misc Info : 500,1,level 5
Comment :
Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
Meth Date : 08-Mar-2012 16:39 wrd
Cal Date : 05-JAN-2012 02:54
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: eer012.d
Continuing Calibration Sample
Compound Sublist: T015LL+CRREL.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)

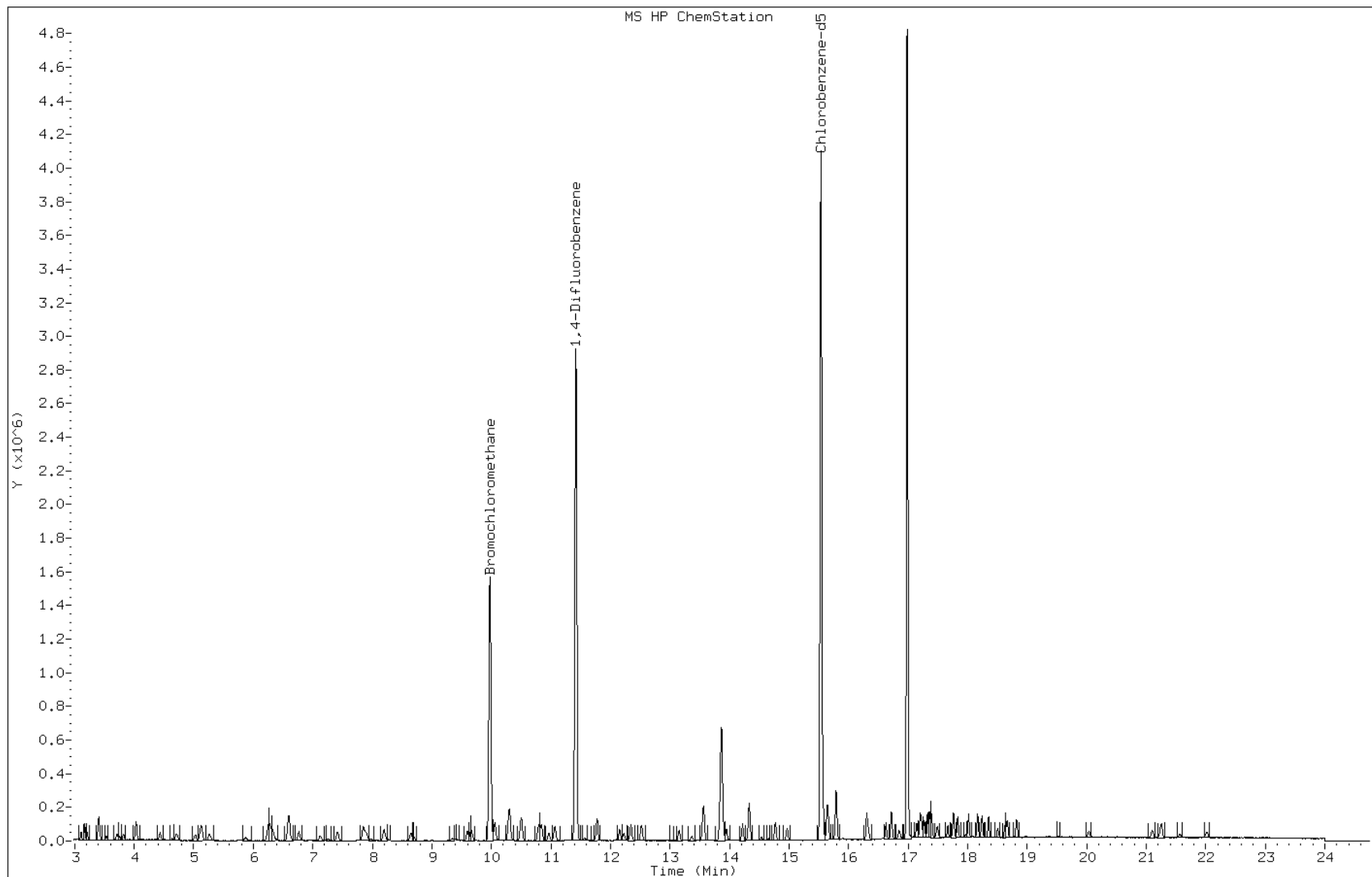
Cpnd Variable Local Compound Variable

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	3.174	(0.318)	90258	0.20000	0.19
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.404	3.415	(0.341)	84931	0.20000	0.18
5 Chloromethane	50		3.533	3.543	(0.354)	20743	0.20000	0.22
7 Vinyl chloride	62		3.752	3.757	(0.376)	22258	0.20000	0.17
8 1,3-Butadiene	54		3.816	3.827	(0.382)	14373	0.20000	0.16
9 Bromomethane	94		4.437	4.447	(0.445)	29077	0.20000	0.18
10 Chloroethane	64		4.640	4.656	(0.465)	11376	0.20000	0.16
12 Vinyl bromide	106		5.030	5.036	(0.504)	34769	0.20000	0.18
13 Trichlorofluoromethane	101		5.121	5.138	(0.513)	129965	0.20000	0.18
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.261	6.282	(0.627)	87021	0.20000	0.19
19 1,1-Dichloroethene	96		6.325	6.341	(0.634)	36547	0.20000	0.18
22 Allyl chloride	41		7.128	7.138	(0.714)	24095	0.20000	0.15
25 Methylene chloride	49		7.416	7.433	(0.743)	35105	0.20000	0.20
27 1,2-Dichloroethene (trans)	61		7.844	7.861	(0.786)	49670	0.20000	0.17

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.893	7.946	(0.791)	92584	0.20000	0.20
30 n-Hexane	57		8.198	8.203	(0.821)	45609	0.20000	0.18
31 1,1-Dichloroethane	63		8.647	8.658	(0.866)	52666	0.20000	0.16
M 33 1,2-Dichloroethene, Total	61					84316	0.40000	0.34
34 1,2-Dichloroethene (cis)	96		9.594	9.605	(0.961)	34645	0.20000	0.17
* 36 Bromochloromethane	128		9.979	9.990	(1.000)	671944	2.00000	
39 Chloroform	83		10.065	10.075	(1.009)	80234	0.20000	0.16
40 Cyclohexane	84		10.295	10.305	(0.902)	56262	0.20000	0.20
41 1,1,1-Trichloroethane	97		10.305	10.316	(0.903)	106670	0.20000	0.18
42 Carbon tetrachloride	117		10.509	10.514	(0.920)	125879	0.20000	0.18
43 2,2,4-Trimethylpentane	57		10.792	10.803	(0.945)	127343	0.20000	0.18
44 Benzene	78		10.846	10.851	(0.950)	95633	0.20000	0.18
45 1,2-Dichloroethane	62		10.969	10.979	(0.961)	48765	0.20000	0.17
46 n-Heptane	43		11.065	11.076	(0.969)	40503	0.20000	0.18
* 47 1,4-Difluorobenzene	114		11.418	11.429	(1.000)	3173616	2.00000	
49 Trichloroethene	95		11.776	11.782	(1.031)	52725	0.20000	0.18
50 1,2-Dichloropropane	63		12.151	12.162	(1.064)	26558	0.20000	0.18
54 Bromodichloromethane	83		12.525	12.531	(1.097)	75245	0.20000	0.18
55 1,3-Dichloropropene (cis)	75		13.157	13.162	(1.152)	46435	0.20000	0.20
58 Toluene	92		13.574	13.579	(0.874)	76005	0.20000	0.20
59 1,3-Dichloropropene (trans)	75		13.948	13.959	(1.222)	43228	0.20000	0.20
60 1,1,2-Trichloroethane	83		14.221	14.227	(0.916)	31017	0.20000	0.19
61 Tetrachloroethene	166		14.334	14.344	(0.923)	89988	0.20000	0.18
63 Dibromochloromethane	129		14.767	14.778	(0.951)	71996	0.20000	0.19
64 1,2-Dibromoethane	107		14.970	14.976	(0.964)	57418	0.20000	0.18
* 65 Chlorobenzene-d5	117		15.532	15.543	(1.000)	2974145	2.00000	
66 Chlorobenzene	112		15.575	15.585	(1.003)	105010	0.20000	0.21
67 Ethylbenzene	91		15.644	15.650	(1.007)	141422	0.20000	0.20
69 Xylene (m,p)	106		15.789	15.799	(1.017)	104604	0.40000	0.43
M 70 Xylene, Total	106					153947	0.60000	0.65
71 Xylene (o)	106		16.308	16.318	(1.050)	49343	0.20000	0.21
73 Bromoform	173		16.629	16.634	(1.071)	51352	0.20000	0.20
75 1,1,2,2-Tetrachloroethane	83		17.148	17.153	(1.104)	39856	0.20000	0.21
79 4-Ethyltoluene	105		17.329	17.340	(1.116)	101264	0.20000	0.22
81 1,3,5-Trimethylbenzene	105		17.394	17.404	(1.120)	84311	0.20000	0.22
84 1,2,4-Trimethylbenzene	105		17.832	17.843	(1.148)	79200	0.20000	0.22

Data File: eerv002.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 283007
Lab Sample ID: ccvis 283007

Date: 08-MAR-2012 15:58
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/eerto15.b/eer001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 04-JAN-2012 16:58
 Operator : wrd Inst ID: E.i
 Smp Info : BFB
 Misc Info : bfb
 Comment :
 Method : /chem/E.i/Esvr.p/eerto15.b/bfbto15.m
 Meth Date : 04-Jan-2012 17:18 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

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

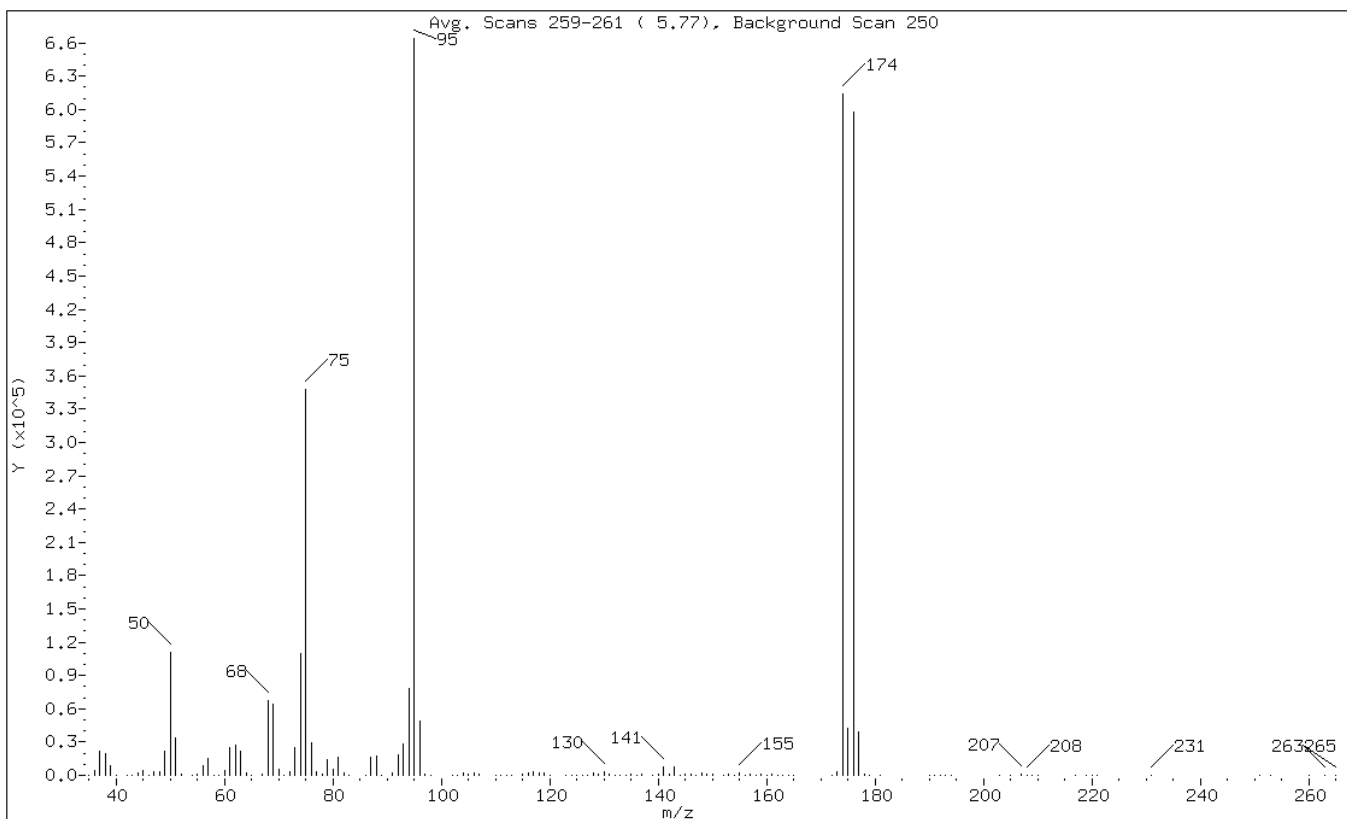
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
RT	EXP RT	DLT RT	MASS	RESPONSE	ON-COL		TARGET RANGE	RATIO	
					(ug/L)	FINAL (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 1 bfb					CAS #: 460-00-4				
5.772	5.800	-0.028	95	664058			100.00- 100.00	100.00	
5.772	5.800	-0.028	50	111119			8.00- 40.00	16.73	
5.772	5.800	-0.028	75	348009			30.00- 66.00	52.41	
5.772	5.800	-0.028	96	48402			5.00- 9.00	7.29	
5.772	5.800	-0.028	173	3247			0.00- 2.00	0.53	
5.772	5.800	-0.028	174	614122			50.00- 120.00	92.48	
5.772	5.800	-0.028	175	42240			4.00- 9.00	6.88	
5.772	5.800	-0.028	176	597431			93.00- 101.00	97.28	
5.772	5.800	-0.028	177	38866			5.00- 9.00	6.51	

Data File: eer001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 04-JAN-2012 16:58
 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	16.73
75	30.00 - 66.00% of mass 95	52.41
96	5.00 - 9.00% of mass 95	7.29
173	Less than 2.00% of mass 174	0.49 (0.53)
174	50.00 - 120.00% of mass 95	92.48
175	4.00 - 9.00% of mass 174	6.36 (6.88)
176	93.00 - 101.00% of mass 174	89.97 (97.28)
177	5.00 - 9.00% of mass 176	5.85 (6.51)

Data File: eer001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

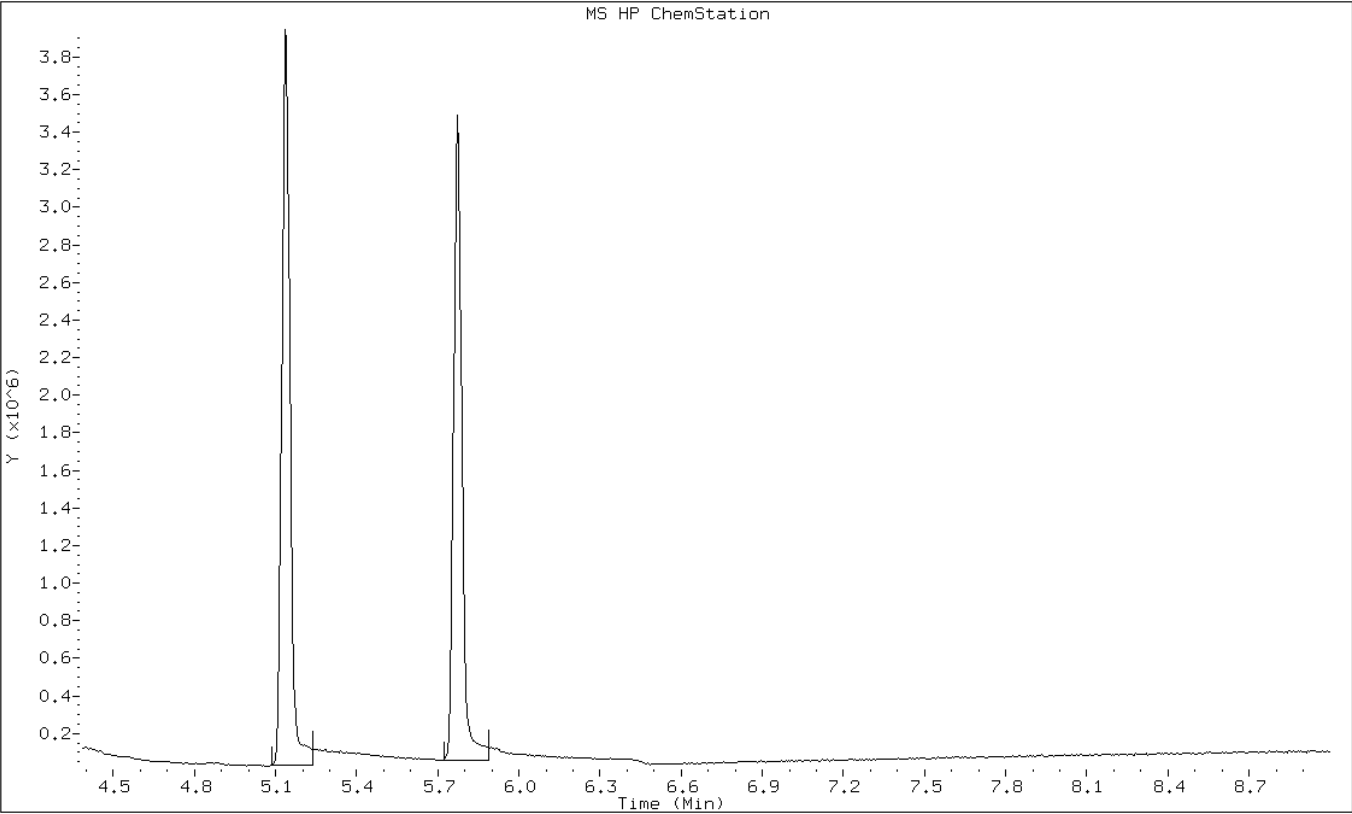
Date: 04-JAN-2012 16:58
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/E.i/Esrv.p/eerto15.b/eer001.d
 Spectrum: Avg. Scans 259-261 (5.77), Background Scan 250
 Location of Maximum: 95.00
 Number of points: 145

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	76	75.00	347968	123.00	246	162.00	83
36.00	3963	76.00	29392	124.00	442	163.00	45
37.00	21344	77.00	3038	125.00	269	164.00	35
38.00	19680	78.00	861	126.00	275	165.00	104
39.00	8199	79.00	13746	127.00	336	172.00	463
40.00	214	80.00	4911	128.00	2576	173.00	3247
42.00	125	81.00	16050	129.00	1048	174.00	614080
43.00	244	82.00	2549	130.00	2966	175.00	42240
44.00	1699	83.00	148	131.00	1242	176.00	597376
45.00	4282	86.00	382	132.00	296	177.00	38864
46.00	349	87.00	16067	133.00	98	178.00	1151
47.00	3690	88.00	17072	134.00	149	179.00	39
48.00	2922	89.00	108	135.00	1239	181.00	74
49.00	21952	91.00	1961	136.00	354	190.00	53
50.00	111112	92.00	18704	137.00	1129	191.00	145
51.00	34152	93.00	28216	139.00	154	192.00	270
52.00	1073	94.00	78304	140.00	604	193.00	366
54.00	143	95.00	664000	141.00	7354	194.00	59
55.00	1454	96.00	48400	142.00	766	203.00	79
56.00	8328	97.00	1264	143.00	7128	205.00	50
57.00	15749	98.00	101	144.00	456	207.00	745
58.00	414	102.00	59	145.00	722	208.00	187
59.00	8	103.00	258	146.00	963	209.00	135
60.00	4750	104.00	2540	147.00	106	210.00	107
61.00	25192	105.00	913	148.00	1713	217.00	64
62.00	27448	106.00	2634	149.00	722	219.00	83
63.00	21280	107.00	650	150.00	841	220.00	50
64.00	1952	110.00	426	152.00	366	221.00	76
65.00	525	111.00	515	153.00	681	231.00	55
67.00	1232	112.00	317	154.00	405	251.00	50
68.00	67632	113.00	433	155.00	1791	253.00	51
69.00	64256	115.00	769	156.00	416	260.00	38
70.00	5199	116.00	2261	157.00	1500	263.00	102
71.00	240	117.00	2944	158.00	172	265.00	103
72.00	3331	118.00	2325	159.00	709		
73.00	25168	119.00	2532	160.00	74		
74.00	109864	120.00	210	161.00	1006		

Data File: eer001.d
Client ID: BFB
Operator: wrd
Column Type: RTX-624
Stationary Phase: BFB
Sample Info: BFB
Lab Sample ID: BFB

Date: 04-JAN-2012 16:58
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/eervto15.b/eerv001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 08-MAR-2012 15:04
 Operator : wrd Inst ID: E.i
 Smp Info : BFB
 Misc Info : bfb
 Comment :
 Method : /chem/E.i/Esvr.p/eervto15.b/bfbto15.m
 Meth Date : 04-Jan-2012 17:18 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

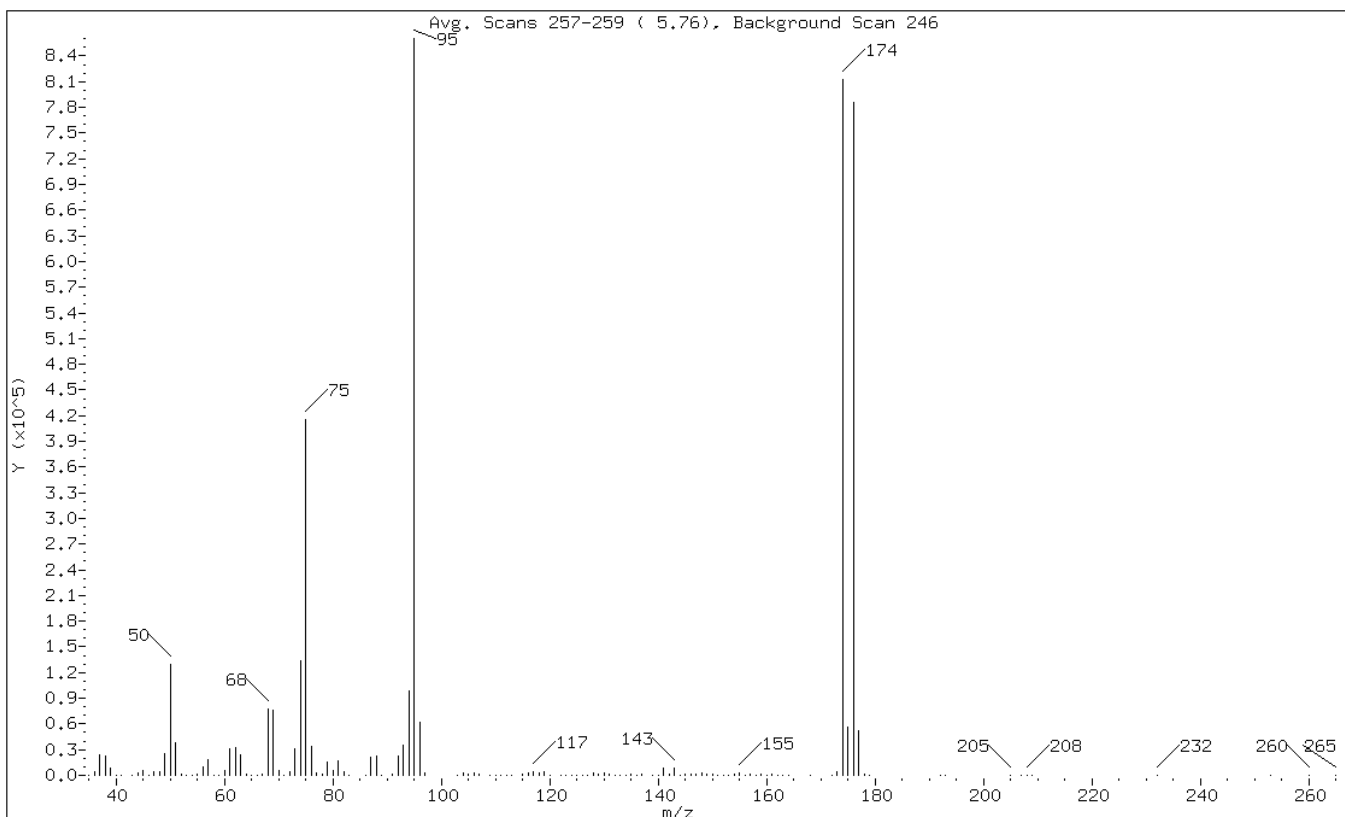
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.762	5.800	-0.038	95	860352			100.00-	100.00	100.00
5.762	5.800	-0.038	50	129041			8.00-	40.00	15.00
5.762	5.800	-0.038	75	414846			30.00-	66.00	48.22
5.762	5.800	-0.038	96	61297			5.00-	9.00	7.12
5.762	5.800	-0.038	173	4856			0.00-	2.00	0.60
5.762	5.800	-0.038	174	812266			50.00-	120.00	94.41
5.762	5.800	-0.038	175	56728			4.00-	9.00	6.98
5.762	5.800	-0.038	176	785088			93.00-	101.00	96.65
5.762	5.800	-0.038	177	51771			5.00-	9.00	6.59

Data File: eerv001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 08-MAR-2012 15:04
 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	15.00
75	30.00 - 66.00% of mass 95	48.22
96	5.00 - 9.00% of mass 95	7.12
173	Less than 2.00% of mass 174	0.56 (0.60)
174	50.00 - 120.00% of mass 95	94.41
175	4.00 - 9.00% of mass 174	6.59 (6.98)
176	93.00 - 101.00% of mass 174	91.25 (96.65)
177	5.00 - 9.00% of mass 176	6.02 (6.59)

Data File: eerv001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

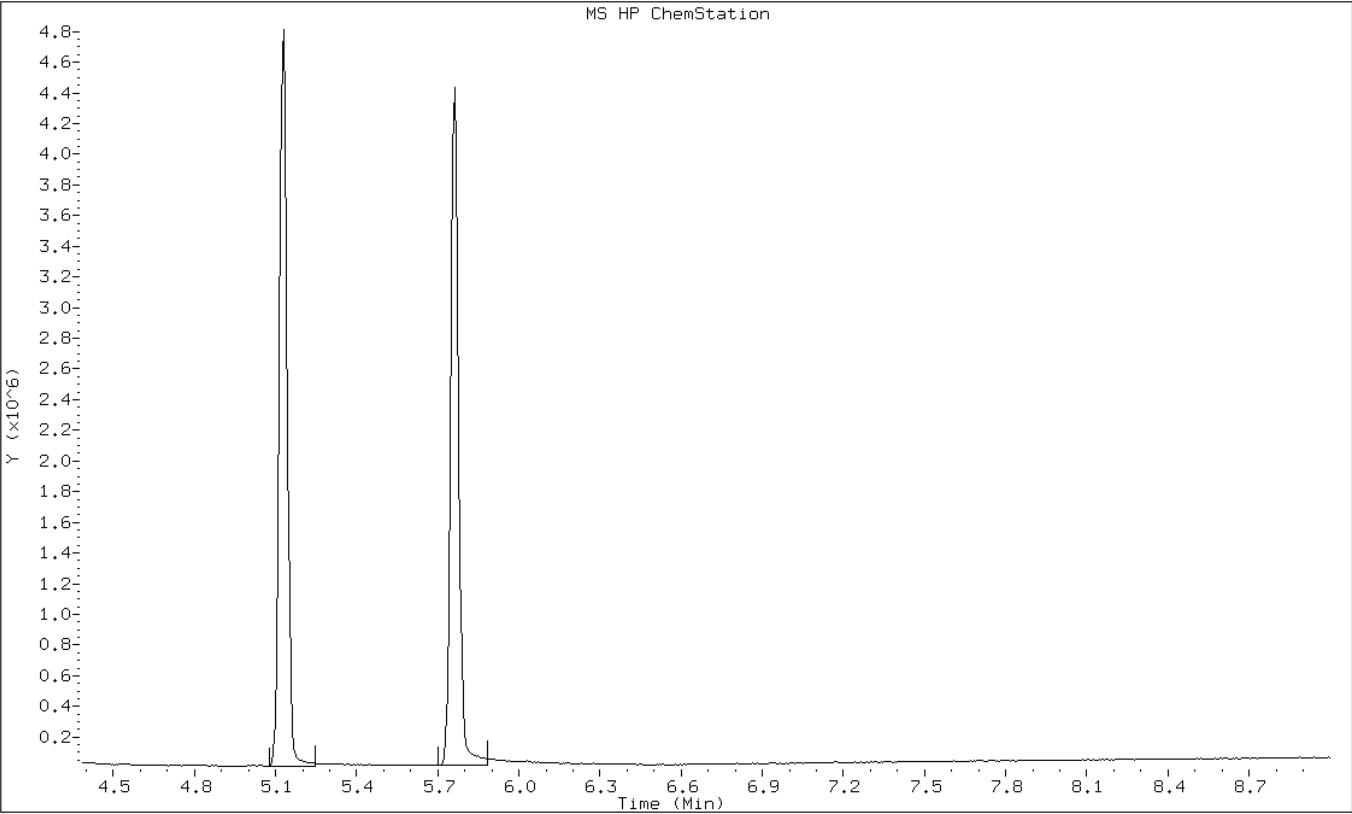
Date: 08-MAR-2012 15:04
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/E.i/Esrv.p/eervto15.b/eerv001.d
 Spectrum: Avg. Scans 257-259 (5.76), Background Scan 246
 Location of Maximum: 95.00
 Number of points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	70	71.00	165	116.00	2696	153.00	627
36.00	4457	72.00	3782	117.00	4700	154.00	858
37.00	23608	73.00	31512	118.00	2282	155.00	2640
38.00	22120	74.00	133568	119.00	3677	156.00	230
39.00	9125	75.00	414784	120.00	158	157.00	1859
40.00	245	76.00	34200	122.00	248	158.00	471
41.00	161	77.00	3085	123.00	193	159.00	1279
43.00	251	78.00	2082	124.00	519	160.00	77
44.00	2596	79.00	15872	125.00	289	161.00	851
45.00	5097	80.00	5794	126.00	410	162.00	50
46.00	528	81.00	16339	127.00	375	163.00	37
47.00	4385	82.00	3980	128.00	3160	164.00	64
48.00	3854	83.00	463	129.00	1664	168.00	62
49.00	25752	86.00	447	130.00	3515	172.00	533
50.00	129040	87.00	20976	131.00	1632	173.00	4856
51.00	38560	88.00	22008	132.00	102	174.00	812224
52.00	1627	89.00	58	133.00	379	175.00	56728
53.00	32	91.00	2039	134.00	220	176.00	785088
54.00	57	92.00	23128	135.00	1401	177.00	51768
55.00	1341	93.00	35704	136.00	157	178.00	1578
56.00	9640	94.00	98208	137.00	1290	179.00	75
57.00	18344	95.00	860352	139.00	240	192.00	57
58.00	691	96.00	61296	140.00	680	193.00	66
59.00	59	97.00	2130	141.00	8575	205.00	69
60.00	6066	103.00	410	142.00	1012	207.00	57
61.00	31152	104.00	2979	143.00	8611	208.00	200
62.00	31872	105.00	878	144.00	528	209.00	129
63.00	24528	106.00	3280	145.00	748	232.00	136
64.00	2004	107.00	877	146.00	1483	253.00	113
65.00	344	109.00	117	147.00	984	260.00	167
66.00	104	110.00	422	148.00	2161	265.00	53
67.00	1462	111.00	579	149.00	770		
68.00	77648	112.00	385	150.00	1237		
69.00	76032	113.00	512	151.00	59		
70.00	6262	115.00	871	152.00	562		

Data File: eerv001.d
Client ID: BFB
Operator: wrd
Column Type: RTX-624
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 08-MAR-2012 15:04
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.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: MB 200-34777/4
 Matrix: Air Lab File ID: eerv004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 03/08/2012 17:44
 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.: 34777 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
100-41-4	Ethylbenzene	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.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: _____ Lab Sample ID: MB 200-34777/4
Matrix: Air Lab File ID: eerv004.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 500 (mL) Date Analyzed: 03/08/2012 17:44
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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	0.010	U	0.010	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.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: MB 200-34777/4
 Matrix: Air Lab File ID: eerv004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 03/08/2012 17:44
 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.: 34777 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
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: MB 200-34777/4
 Matrix: Air Lab File ID: eerv004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 03/08/2012 17:44
 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.: 34777 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	0.043	U	0.043	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/eervto15.b/eerv004.d
 Lab Smp Id: mb
 Inj Date : 08-MAR-2012 17:44
 Operator : wrd Inst ID: E.i
 Smp Info : mb
 Misc Info : 500,1,mb
 Comment :
 Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
 Meth Date : 08-Mar-2012 16:39 wrd Quant Type: ISTD
 Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
 Als bottle: 4 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: T015LL+CRREL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50	3.533	3.543	(0.354)	1126	0.01438	0.014(a)
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
17 1,1,2-Trichloro-1,2,2-Trifluo	101						
19 1,1-Dichloroethene	96						
22 Allyl chloride	41						
25 Methylene chloride	49	7.422	7.433	(0.744)	3109	0.02122	0.021(a)
27 1,2-Dichloroethene (trans)	61						

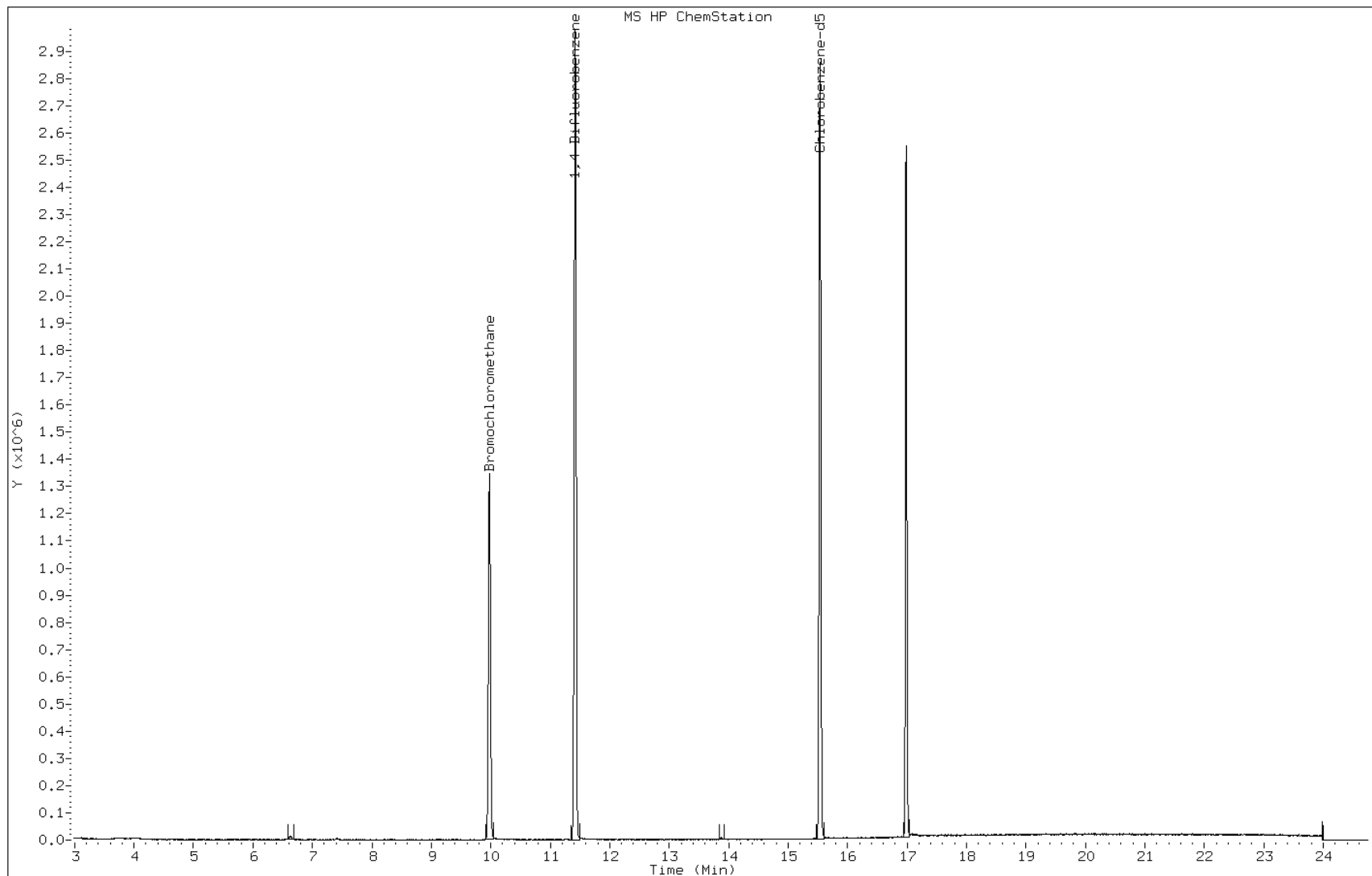
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
* 36 Bromochloromethane	128	9.974	9.990	(1.000)	563951	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	11.418	11.429	(1.000)	3232376	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	15.537	15.543	(1.000)	2139317	2.00000	
66 Chlorobenzene	112				Compound Not Detected.		
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.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		

QC Flag Legend

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

Data File: eerv004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 08-MAR-2012 17:44
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.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: LCS 200-34777/3
 Matrix: Air Lab File ID: eerv003.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 03/08/2012 16:53
 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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.171		0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.163		0.010	0.010
75-01-4	Vinyl chloride	62.50	0.158		0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.161		0.020	0.020
74-83-9	Bromomethane	94.94	0.157		0.020	0.020
75-00-3	Chloroethane	64.52	0.150		0.020	0.020
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.173		0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.164		0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.188		0.010	0.010
107-05-1	3-Chloropropene	76.53	0.151		0.020	0.020
75-09-2	Methylene Chloride	84.93	0.184		0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.201		0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.160		0.010	0.010
110-54-3	n-Hexane	86.17	0.171		0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.155		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.161		0.010	0.010
67-66-3	Chloroform	119.38	0.155		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.168		0.010	0.010
110-82-7	Cyclohexane	84.16	0.182		0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.169		0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.169		0.010	0.010
71-43-2	Benzene	78.11	0.171		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.163		0.020	0.020
142-82-5	n-Heptane	100.21	0.175		0.010	0.010
79-01-6	Trichloroethene	131.39	0.171		0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.167		0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.179		0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.174		0.010	0.010
108-88-3	Toluene	92.14	0.181		0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.173		0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.179		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.168		0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.182		0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.178		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.197		0.010	0.010

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: _____ Lab Sample ID: LCS 200-34777/3
Matrix: Air Lab File ID: eerv003.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 500 (mL) Date Analyzed: 03/08/2012 16:53
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.: 34777 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.198		0.010	0.010
75-25-2	Bromoform	252.75	0.194		0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.178		0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.206		0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.196		0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.321		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.422		0.010	0.010
1330-20-7	Xylenes, Total	106.17	0.620		0.010	0.010

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eervto15.b/eerv003.d
 Lab Smp Id: lcs 299263
 Inj Date : 08-MAR-2012 16:53
 Operator : wrd
 Smp Info : lcs 299263
 Misc Info : 500,1,lcs
 Comment :
 Method : /chem/E.i/Esvr.p/eervto15.b/to15113t.m
 Meth Date : 08-Mar-2012 16:39 wrd
 Cal Date : 05-JAN-2012 02:54
 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: eer012.d
 QC Sample: LCS
 Compound Sublist: T015LL+CRREL.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	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ppb v/vv)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	84123	0.17094	0.17	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	77455	0.16281	0.16	
5 Chloromethane	50	3.533	3.543	(0.354)	16895	0.17851	0.18	
7 Vinyl chloride	62	3.752	3.757	(0.376)	21438	0.15845	0.16	
8 1,3-Butadiene	54	3.821	3.827	(0.383)	14875	0.16107	0.16	
9 Bromomethane	94	4.437	4.447	(0.445)	26092	0.15725	0.16	
10 Chloroethane	64	4.651	4.656	(0.466)	11036	0.15018	0.15	
12 Vinyl bromide	106	5.025	5.036	(0.504)	32962	0.17295	0.17	
13 Trichlorofluoromethane	101	5.127	5.138	(0.514)	119094	0.16380	0.16	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	90481	0.19086	0.19	
19 1,1-Dichloroethene	96	6.330	6.341	(0.634)	38877	0.18770	0.19	
22 Allyl chloride	41	7.133	7.138	(0.715)	24403	0.15112	0.15	
25 Methylene chloride	49	7.422	7.433	(0.744)	32530	0.18361	0.18	
27 1,2-Dichloroethene (trans)	61	7.844	7.861	(0.786)	47029	0.15963	0.16	

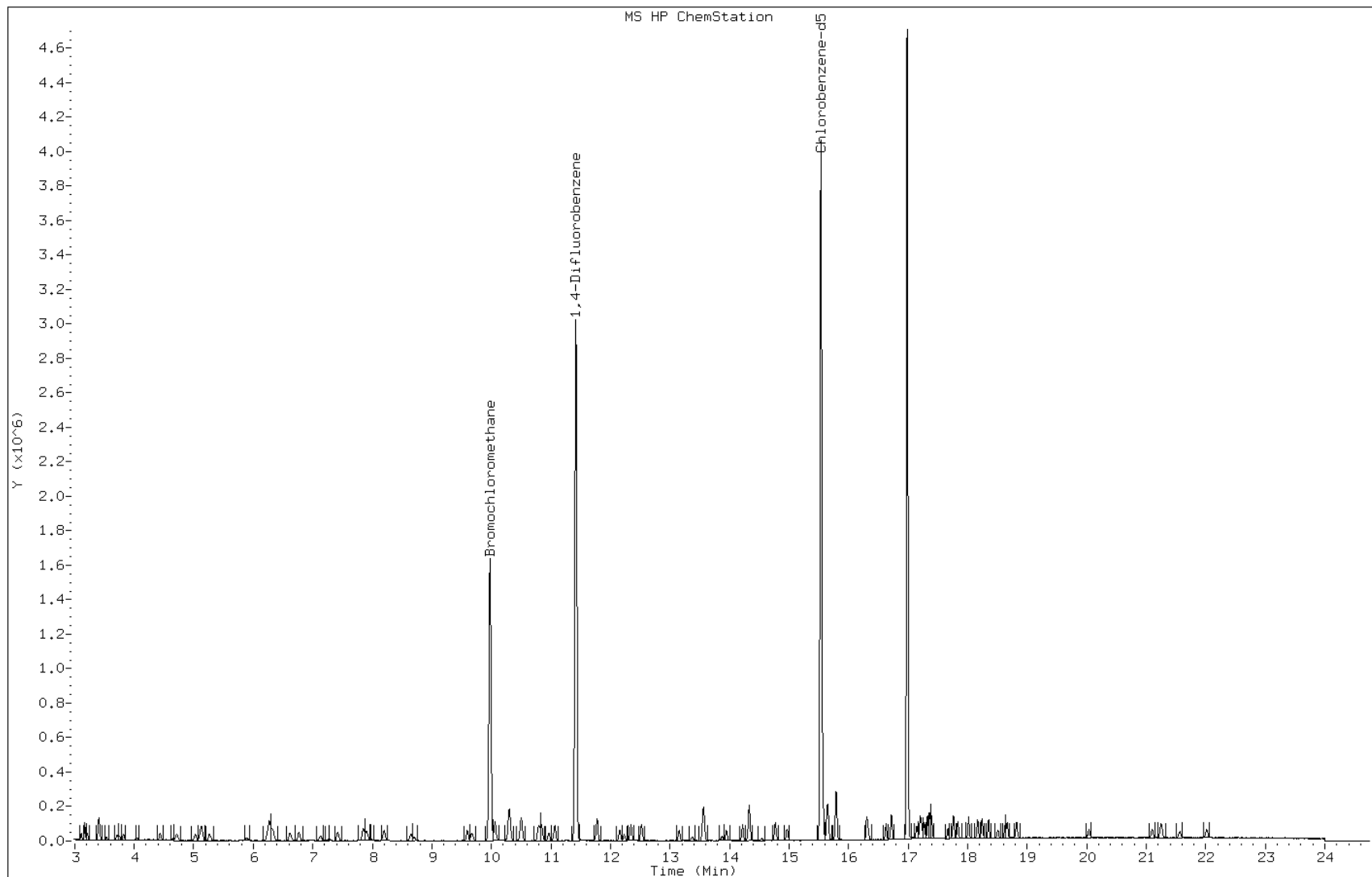
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73	7.898	7.946	(0.791)	92639	0.20076	0.20
30 n-Hexane	57	8.203	8.203	(0.822)	42738	0.17083	0.17
31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	52762	0.15526	0.16
M 33 1,2-Dichloroethene, Total	61				80717	0.32091	0.32
34 1,2-Dichloroethene (cis)	96	9.594	9.605	(0.961)	33688	0.16127	0.16
* 36 Bromochloromethane	128	9.979	9.990	(1.000)	681819	2.00000	
39 Chloroform	83	10.059	10.075	(1.008)	76582	0.15461	0.15
40 Cyclohexane	84	10.300	10.305	(0.902)	53481	0.18178	0.18
41 1,1,1-Trichloroethane	97	10.300	10.316	(0.902)	103197	0.16833	0.17
42 Carbon tetrachloride	117	10.503	10.514	(0.920)	120042	0.16865	0.17
43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.945)	125470	0.16894	0.17
44 Benzene	78	10.840	10.851	(0.949)	95076	0.17130	0.17
45 1,2-Dichloroethane	62	10.963	10.979	(0.960)	47710	0.16278	0.16
46 n-Heptane	43	11.060	11.076	(0.969)	39725	0.17494	0.17
* 47 1,4-Difluorobenzene	114	11.418	11.429	(1.000)	3276364	2.00000	
49 Trichloroethene	95	11.776	11.782	(1.031)	52340	0.17070	0.17
50 1,2-Dichloropropane	63	12.156	12.162	(1.065)	25409	0.16691	0.17
54 Bromodichloromethane	83	12.525	12.531	(1.097)	76917	0.17946	0.18
55 1,3-Dichloropropene (cis)	75	13.151	13.162	(1.152)	41913	0.17446	0.17
58 Toluene	92	13.574	13.579	(0.874)	67131	0.18150	0.18
59 1,3-Dichloropropene (trans)	75	13.948	13.959	(1.222)	38684	0.17339	0.17
60 1,1,2-Trichloroethane	83	14.221	14.227	(0.915)	28929	0.17873	0.18
61 Tetrachloroethene	166	14.334	14.344	(0.923)	82411	0.16764	0.17
63 Dibromochloromethane	129	14.772	14.778	(0.951)	69292	0.18231	0.18
64 1,2-Dibromoethane	107	14.970	14.976	(0.964)	55191	0.17838	0.18
* 65 Chlorobenzene-d5	117	15.537	15.543	(1.000)	2980832	2.00000	
66 Chlorobenzene	112	15.575	15.585	(1.002)	100961	0.19893	0.20(Q)
67 Ethylbenzene	91	15.644	15.650	(1.007)	137715	0.19669	0.20
69 Xylene (m,p)	106	15.789	15.799	(1.016)	102138	0.42167	0.42
M 70 Xylene, Total	106				147932	0.61951	0.62
71 Xylene (o)	106	16.302	16.318	(1.049)	45794	0.19784	0.20
73 Bromoform	173	16.629	16.634	(1.070)	49612	0.19365	0.19
75 1,1,2,2-Tetrachloroethane	83	17.148	17.153	(1.104)	33626	0.17819	0.18
79 4-Ethyltoluene	105	17.329	17.340	(1.115)	92526	0.20578	0.20
81 1,3,5-Trimethylbenzene	105	17.399	17.404	(1.120)	76118	0.19643	0.20
84 1,2,4-Trimethylbenzene	105	17.838	17.843	(1.148)	66801	0.18635	0.19

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: eerv003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 299263
Lab Sample ID: lcs 299263

Date: 08-MAR-2012 16:53
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TALS BATCH 31788 CAL ID 12699

Sequence			Standard Traceability			Instrument Information					
Batch ID: <u>SEK</u>	Start Date: <u>1/1/12</u>	Time: <u>1658</u>	ISTD Lot #: <u>248059</u>	Instrument ID: E							
Test Method: <u>TOXLL</u>	End Date: <u>1/5/12</u>	Time: <u>1658</u>	CAL STD Lot # <u>see comment</u>	Instrument: 5973							
ICAL Date:			ICV / LCS Lot # <u>see comment</u>	Column Type: RTX-624							
Manager		Analyst	Analyst	Analyst							
Name/Initial											
Signature											
Sequence Information				Individual Sample Review							
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1658	SEK001		BF3	1A	6	500	WLD	1A			
1747	102	44845	VBLK		1	100					273380
1842	03	4837	1C level 1		1	200					
1932	04		1C level 2		1	500					
2032	05		1C level 3		2	250					2733811
2126	06	3192	1C level 4		2	500					
2221	07		1C level 5		3	250					273313
2316	08	3089	1C level 6		3	325					
2410	09		1C level 7		3	500					
2505	10		1C level 8		4	150					223171
2600	11	3535	1C level 9		4	200					
2654	12		1C level 10		6	500					273314
2749	13	4983	VIBLK		5	500					
2844	14	3040	ICV		6	500					
2938	15	4983	VIBLK								
15/12											

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

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability				Instrument Information					
Batch ID:	Start Date:	Time:	ISTD Lot #:	Instrument ID:	Instrument ID:	Instrument ID:					
Test Method:	End Date:	Time:	CAL STD Lot #:	Instrument:	Instrument:	Instrument:					
ICAL Date:			ICV / LCS Lot #:	Column Type:	Column Type:	Column Type:					
Manager	Analyst	Analyst	Analyst	Analyst	Analyst	Analyst					
Name/Initial											
Signature											
Sequence Information											
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1504	EEAN001		BFB		2	500	WRD		✓	WRD	AG
1508	02	3564	20V		3	1			✓	L	AG
1653	03	2571	LCS		4	1			✓	AWK	AG
1744	04	4983	MB	NA	5	500			✓	WRD	AG
1838	05	3266	9560-9	1	6	1			✓		50.74
1933	06	2876	1-10	1	7	1			✓		chm
2027	07	3539	1-11	1	8	1			✓		
2121	08	3209	1-12	1	9	120			✓		
2216	09	3337	9525-1	4	10	1			✓		
2310	10	4789	1-3	1	11	125			✓		
2405	11	2911	9580-2	4	12	1			✓		
2500	12	4488	1-4	1	13	1			✓		
2655	13	2820	1-6	1	14	1			✓		
2749	14	2631	1-7	1	15	60			✓		CDT 3.61
2844	15	2969	9421-2	30.1	16	125			✓		
2939	16	3474	9635-1	4	1	1			✓		
3034	17	4265	1-3	1	2	1			✓		
3129	18	4286	1-5	1	3	1			✓		
3224	19	3519	1-7	1	4	1			✓		
3318	20	3285	1-10	1	5	1	AWK		✓		
3412	21	3201	1-12	1	6	1			✓		
3507	22	4890	1-14	1	7	1208			✓		cdt 1.166 due to trace
3601	23	4209	1539-4	16.6	8	1263			✓		cdt 2.10 due to trace
3656	24	4140	1-16	3.61	9	1			✓		
							3/19/12				

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-9580-1SDG No.: 200-9580Instrument ID: E.iStart Date: 01/04/2012 16:58Analysis Batch Number: 31788End Date: 01/05/2012 05:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-31788/1		01/04/2012 16:58	1	eer001.d	RTX-624 0.32 (mm)
VIBLK 200-31788/2		01/04/2012 17:47	1		RTX-624 0.32 (mm)
IC 200-31788/3		01/04/2012 18:42	1	eer003.d	RTX-624 0.32 (mm)
IC 200-31788/4		01/04/2012 19:37	1	eer004.d	RTX-624 0.32 (mm)
IC 200-31788/5		01/04/2012 20:32	1	eer005.d	RTX-624 0.32 (mm)
IC 200-31788/6		01/04/2012 21:26	1	eer006.d	RTX-624 0.32 (mm)
ICIS 200-31788/7		01/04/2012 22:21	1	eer007.d	RTX-624 0.32 (mm)
IC 200-31788/8		01/04/2012 23:16	1	eer008.d	RTX-624 0.32 (mm)
IC 200-31788/9		01/05/2012 00:10	1	eer009.d	RTX-624 0.32 (mm)
IC 200-31788/10		01/05/2012 01:05	1	eer010.d	RTX-624 0.32 (mm)
IC 200-31788/11		01/05/2012 02:00	1	eer011.d	RTX-624 0.32 (mm)
IC 200-31788/12		01/05/2012 02:54	1	eer012.d	RTX-624 0.32 (mm)
VIBLK 200-31788/13		01/05/2012 03:49	1		RTX-624 0.32 (mm)
ICV 200-31788/14		01/05/2012 04:44	1	eer014.d	RTX-624 0.32 (mm)
VIBLK 200-31788/15		01/05/2012 05:38	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-9580-1SDG No.: 200-9580Instrument ID: E.iStart Date: 03/08/2012 15:04Analysis Batch Number: 34777End Date: 03/09/2012 11:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-34777/1		03/08/2012 15:04	1	eerv001.d	RTX-624 0.32 (mm)
CCVIS 200-34777/2		03/08/2012 15:58	1	eerv002.d	RTX-624 0.32 (mm)
LCS 200-34777/3		03/08/2012 16:53	1	eerv003.d	RTX-624 0.32 (mm)
MB 200-34777/4		03/08/2012 17:44	1	eerv004.d	RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 18:38	1		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 19:33	1		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 20:27	1		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 21:21	1		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 22:16	4		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 23:10	4		RTX-624 0.32 (mm)
200-9580-2	IA-1	03/09/2012 00:05	4	eerv011.d	RTX-624 0.32 (mm)
200-9580-4	IA-2	03/09/2012 01:00	4	eerv012.d	RTX-624 0.32 (mm)
200-9580-6	IA-3	03/09/2012 01:55	4	eerv013.d	RTX-624 0.32 (mm)
200-9580-7	AM-1	03/09/2012 02:49	4	eerv014.d	RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 03:44	30.1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 04:39	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 05:34	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 06:29	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 07:23	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 08:18	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 09:12	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 10:07	4		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 11:01	3.99		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 11:56	3.99		RTX-624 0.32 (mm)

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
HA Inc	9580	3/6/12	2327	29.8	22	64	MD

a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓	
the flow controller ID used for each canister recorded?	✓	
visible sign of damage to canister and/or flow controller (FC) present?		✓
If damage observed, list equipment IDs and describe condition:		

[illegible]

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

48/p41, p42, p55

Method T015

Volatile Organic Compounds (GC/MS)
by Method T015

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Matrix: Air Level: Low Lab File ID: bklw004.d
Lab ID: LCS 200-34715/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.7	117	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.7	117	70-130	
Vinyl chloride	10.0	11.8	118	70-130	
1,3-Butadiene	10.0	12.4	124	70-130	
Bromomethane	10.0	10.4	104	70-130	
Chloroethane	10.0	10.4	104	70-130	
Bromoethene (Vinyl Bromide)	10.0	10.4	104	70-130	
Trichlorofluoromethane	10.0	11.0	110	70-130	
1,1-Dichloroethene	10.0	10.6	106	70-130	
3-Chloropropene	10.0	10.6	106	70-130	
Methylene Chloride	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	10.5	105	70-130	
trans-1,2-Dichloroethene	10.0	10.4	104	70-130	
n-Hexane	10.0	9.99	100	70-130	
1,1-Dichloroethane	10.0	10.3	103	70-130	
cis-1,2-Dichloroethene	10.0	10.1	101	70-130	
Chloroform	10.0	10.3	103	70-130	
1,1,1-Trichloroethane	10.0	10.8	108	70-130	
Cyclohexane	10.0	9.88	99	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
2,2,4-Trimethylpentane	10.0	10.4	104	70-130	
Benzene	10.0	9.85	99	70-130	
1,2-Dichloroethane	10.0	11.2	112	70-130	
n-Heptane	10.0	10.6	106	70-130	
Trichloroethene	10.0	10.1	101	70-130	
1,2-Dichloropropane	10.0	9.69	97	70-130	
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.1	101	70-130	
Toluene	10.0	9.66	97	70-130	
trans-1,3-Dichloropropene	10.0	10.3	103	70-130	
1,1,2-Trichloroethane	10.0	9.42	94	70-130	
Tetrachloroethene	10.0	9.55	96	70-130	
Dibromochloromethane	10.0	10.9	109	70-130	
1,2-Dibromoethane	10.0	9.74	97	70-130	
Ethylbenzene	10.0	9.83	98	70-130	
m,p-Xylene	20.0	19.6	98	70-130	
Xylene, o-	10.0	9.69	97	70-130	
Bromoform	10.0	11.1	111	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.51	95	70-130	
4-Ethyltoluene	10.0	10.5	105	70-130	
1,3,5-Trimethylbenzene	10.0	9.94	99	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.: 200-9580-1
SDG No.: 200-9580
Lab File ID: bklw005.d Lab Sample ID: MB 200-34715/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: B.i Date Analyzed: 03/08/2012 13:26
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 200-34715/4	bklw004.d	03/08/2012 12:34
SSV-1	200-9580-1	bklw007.d	03/08/2012 15:18
SSV-2	200-9580-3	bklw008.d	03/08/2012 16:11
SSV-3	200-9580-5	bklw009.d	03/08/2012 17:03

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab File ID: bkl001.d BFB Injection Date: 01/30/2012
 Instrument ID: B.i BFB Injection Time: 15:31
 Analysis Batch No.: 33061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	11.1
75	30.0 - 66.0% of mass 95	37.8
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	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	102.2
175	4.0 - 9.0 % of mass 174	7.2 (7.1)1
176	93.0 - 101.0% of mass 174	99.0 (96.9)1
177	5.0 - 9.0% of mass 176	6.4 (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 200-33061/3	bkl003.d	01/30/2012	17:18
	IC 200-33061/4	bkl004.d	01/30/2012	18:10
	IC 200-33061/5	bkl005.d	01/30/2012	19:02
	ICIS 200-33061/6	bkl006.d	01/30/2012	19:54
	IC 200-33061/7	bkl007.d	01/30/2012	20:46
	IC 200-33061/8	bkl008.d	01/30/2012	21:39
	IC 200-33061/9	bkl009.d	01/30/2012	22:31
	ICV 200-33061/12	bkl012.d	01/31/2012	01:07

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab File ID: bklw001.d BFB Injection Date: 03/08/2012
 Instrument ID: B.i BFB Injection Time: 10:00
 Analysis Batch No.: 34715

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	12.9
75	30.0 - 66.0% of mass 95	40.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	96.4
175	4.0 - 9.0 % of mass 174	6.7 (7.0)1
176	93.0 - 101.0% of mass 174	92.8 (96.2)1
177	5.0 - 9.0% of mass 176	6.2 (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 200-34715/3	bklw003.d	03/08/2012	11:41
	LCS 200-34715/4	bklw004.d	03/08/2012	12:34
	MB 200-34715/5	bklw005.d	03/08/2012	13:26
SSV-1	200-9580-1	bklw007.d	03/08/2012	15:18
SSV-2	200-9580-3	bklw008.d	03/08/2012	16:11
SSV-3	200-9580-5	bklw009.d	03/08/2012	17:03

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Sample No.: ICIS 200-33061/6 Date Analyzed: 01/30/2012 19:54
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): bkl006.d Heated Purge: (Y/N) N
 Calibration ID: 13273

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	602385	9.16	2782792	10.57	2552908	14.70
UPPER LIMIT	843339	9.49	3895909	10.90	3574071	15.03
LOWER LIMIT	361431	8.83	1669675	10.24	1531745	14.37
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-33061/12		614531	9.16	2837795	10.57	2573101 14.70

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.: 200-9580-1
 SDG No.: 200-9580
 Sample No.: CCVIS 200-34715/3 Date Analyzed: 03/08/2012 11:41
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): bklw003.d Heated Purge: (Y/N) N
 Calibration ID: 13273

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		410589	9.15	1861963	10.56	1752616	14.69
UPPER LIMIT		574825	9.48	2606748	10.89	2453662	15.02
LOWER LIMIT		246353	8.82	1117178	10.23	1051570	14.36
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-34715/4		437229	9.15	1991037	10.57	1864335	14.69
MB 200-34715/5		435655	9.15	2007278	10.56	1829030	14.69
200-9580-1	SSV-1	392709	9.15	1791244	10.56	1614826	14.69
200-9580-3	SSV-2	411384	9.15	1896328	10.56	1690817	14.69
200-9580-5	SSV-3	369634	9.15	1685886	10.56	1530908	14.69

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: <u>TestAmerica Burlington</u>	Job No.: <u>200-9580-1</u>
SDG No.: <u>200-9580</u>	
Client Sample ID: <u>SSV-1</u>	Lab Sample ID: <u>200-9580-1</u>
Matrix: <u>Air</u>	Lab File ID: <u>bklw007.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>02/29/2012 16:50</u>
Sample wt/vol: <u>100 (mL)</u>	Date Analyzed: <u>03/08/2012 15:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>34715</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.0	U	1.0	0.076
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	0.40	0.064
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.058
106-99-0	1,3-Butadiene	54.09	0.40	U	0.40	0.020
74-83-9	Bromomethane	94.94	0.40	U	0.40	0.024
75-00-3	Chloroethane	64.52	1.0	U	1.0	0.032
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.40	U	0.40	0.038
75-69-4	Trichlorofluoromethane	137.37	0.44		0.40	0.068
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.060
107-05-1	3-Chloropropene	76.53	1.0	U	1.0	0.038
75-09-2	Methylene Chloride	84.93	1.0	U	1.0	0.026
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	0.40	0.032
156-60-5	trans-1,2-Dichloroethene	96.94	0.91		0.40	0.064
110-54-3	n-Hexane	86.17	0.40	U	0.40	0.052
75-34-3	1,1-Dichloroethane	98.96	8.1		0.40	0.070
156-59-2	cis-1,2-Dichloroethene	96.94	36		0.40	0.028
540-59-0	1,2-Dichloroethene, Total	96.94	37		0.40	0.028
67-66-3	Chloroform	119.38	17		0.40	0.062
71-55-6	1,1,1-Trichloroethane	133.41	35		0.40	0.070
110-82-7	Cyclohexane	84.16	0.40	U	0.40	0.078
56-23-5	Carbon tetrachloride	153.81	5.6		0.40	0.066
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	U	0.40	0.072
71-43-2	Benzene	78.11	0.40	U	0.40	0.036
107-06-2	1,2-Dichloroethane	98.96	0.40	U	0.40	0.062
142-82-5	n-Heptane	100.21	0.40		0.40	0.020
79-01-6	Trichloroethene	131.39	48		0.40	0.060
78-87-5	1,2-Dichloropropane	112.99	0.40	U	0.40	0.028
75-27-4	Bromodichloromethane	163.83	0.40	U	0.40	0.056
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	0.40	0.032
108-88-3	Toluene	92.14	6.2		0.40	0.036
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	0.40	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	0.40	0.038
127-18-4	Tetrachloroethene	165.83	0.60		0.40	0.022
124-48-1	Dibromochloromethane	208.29	0.40	U	0.40	0.042
106-93-4	1,2-Dibromoethane	187.87	0.40	U	0.40	0.036

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: SSV-1 Lab Sample ID: 200-9580-1
Matrix: Air Lab File ID: bklw007.d
Analysis Method: TO-15 Date Collected: 02/29/2012 16:50
Sample wt/vol: 100 (mL) Date Analyzed: 03/08/2012 15:18
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	2.2		0.40	0.044
179601-23-1	m,p-Xylene	106.17	8.1		1.0	0.096
95-47-6	Xylene, o-	106.17	2.8		0.40	0.044
1330-20-7	Xylene (total)	106.17	11		0.40	0.044
75-25-2	Bromoform	252.75	0.40	U	0.40	0.038
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.40	U	0.40	0.080
622-96-8	4-Ethyltoluene	120.20	1.6		0.40	0.092
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1		0.40	0.10

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: SSV-1 Lab Sample ID: 200-9580-1
 Matrix: Air Lab File ID: bklw007.d
 Analysis Method: TO-15 Date Collected: 02/29/2012 16:50
 Sample wt/vol: 100 (mL) Date Analyzed: 03/08/2012 15:18
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.9	U	4.9	0.38
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	2.8	0.45
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.15
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.044
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.093
75-00-3	Chloroethane	64.52	2.6	U	2.6	0.084
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.7	U	1.7	0.17
75-69-4	Trichlorofluoromethane	137.37	2.5		2.2	0.38
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.24
107-05-1	3-Chloropropene	76.53	3.1	U	3.1	0.12
75-09-2	Methylene Chloride	84.93	3.5	U	3.5	0.090
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.12
156-60-5	trans-1,2-Dichloroethene	96.94	3.6		1.6	0.25
110-54-3	n-Hexane	86.17	1.4	U	1.4	0.18
75-34-3	1,1-Dichloroethane	98.96	33		1.6	0.28
156-59-2	cis-1,2-Dichloroethene	96.94	140		1.6	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	150		1.6	0.11
67-66-3	Chloroform	119.38	83		2.0	0.30
71-55-6	1,1,1-Trichloroethane	133.41	190		2.2	0.38
110-82-7	Cyclohexane	84.16	1.4	U	1.4	0.27
56-23-5	Carbon tetrachloride	153.81	35		2.5	0.42
540-84-1	2,2,4-Trimethylpentane	114.23	1.9	U	1.9	0.34
71-43-2	Benzene	78.11	1.3	U	1.3	0.12
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.25
142-82-5	n-Heptane	100.21	1.6		1.6	0.082
79-01-6	Trichloroethene	131.39	260		2.1	0.32
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.13
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.38
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.15
108-88-3	Toluene	92.14	23		1.5	0.14
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.18
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.21
127-18-4	Tetrachloroethene	165.83	4.1		2.7	0.15
124-48-1	Dibromochloromethane	208.29	3.4	U	3.4	0.36
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.28

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: SSV-1 Lab Sample ID: 200-9580-1
Matrix: Air Lab File ID: bklw007.d
Analysis Method: TO-15 Date Collected: 02/29/2012 16:50
Sample wt/vol: 100 (mL) Date Analyzed: 03/08/2012 15:18
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	9.7		1.7	0.19
179601-23-1	m,p-Xylene	106.17	35		4.3	0.42
95-47-6	Xylene, o-	106.17	12		1.7	0.19
1330-20-7	Xylene (total)	106.17	47		1.7	0.19
75-25-2	Bromoform	252.75	4.1	U	4.1	0.39
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.55
622-96-8	4-Ethyltoluene	120.20	7.9		2.0	0.45
108-67-8	1,3,5-Trimethylbenzene	120.20	5.5		2.0	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-1
 Client Smp ID: SSV-1
 Inj Date : 08-MAR-2012 15:18
 Operator : wrd
 Smp Info : 200-9580-A-1
 Misc Info : 100,2,to15ll+mec12
 Comment :
 Method : /chem/B.i/Bsvr.p/bklwto15.b/to15v5.m
 Meth Date : 12-Mar-2012 12:04 klp
 Cal Date : 30-JAN-2012 22:31
 Als bottle: 5
 Dil Factor: 2.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: B.i
 Quant Type: ISTD
 Cal File: bkl009.d
 Compound Sublist: T015LL+MeCl.sub

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

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.035	3.035	(0.332)	24868	0.41778	0.84(a)
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	4.764	4.764	(0.521)	18956	0.22102	0.44
19 1,1-Dichloroethene	96	Compound Not Detected.					
23 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	6.760	6.760	(0.739)	4629	0.16948	0.34(a)
27 Methyl tert-butyl ether	73	Compound Not Detected.					
28 1,2-Dichloroethene (trans)	61	7.160	7.160	(0.782)	19642	0.45428	0.91
30 n-Hexane	57	7.480	7.491	(0.817)	6976	0.14501	0.29(a)

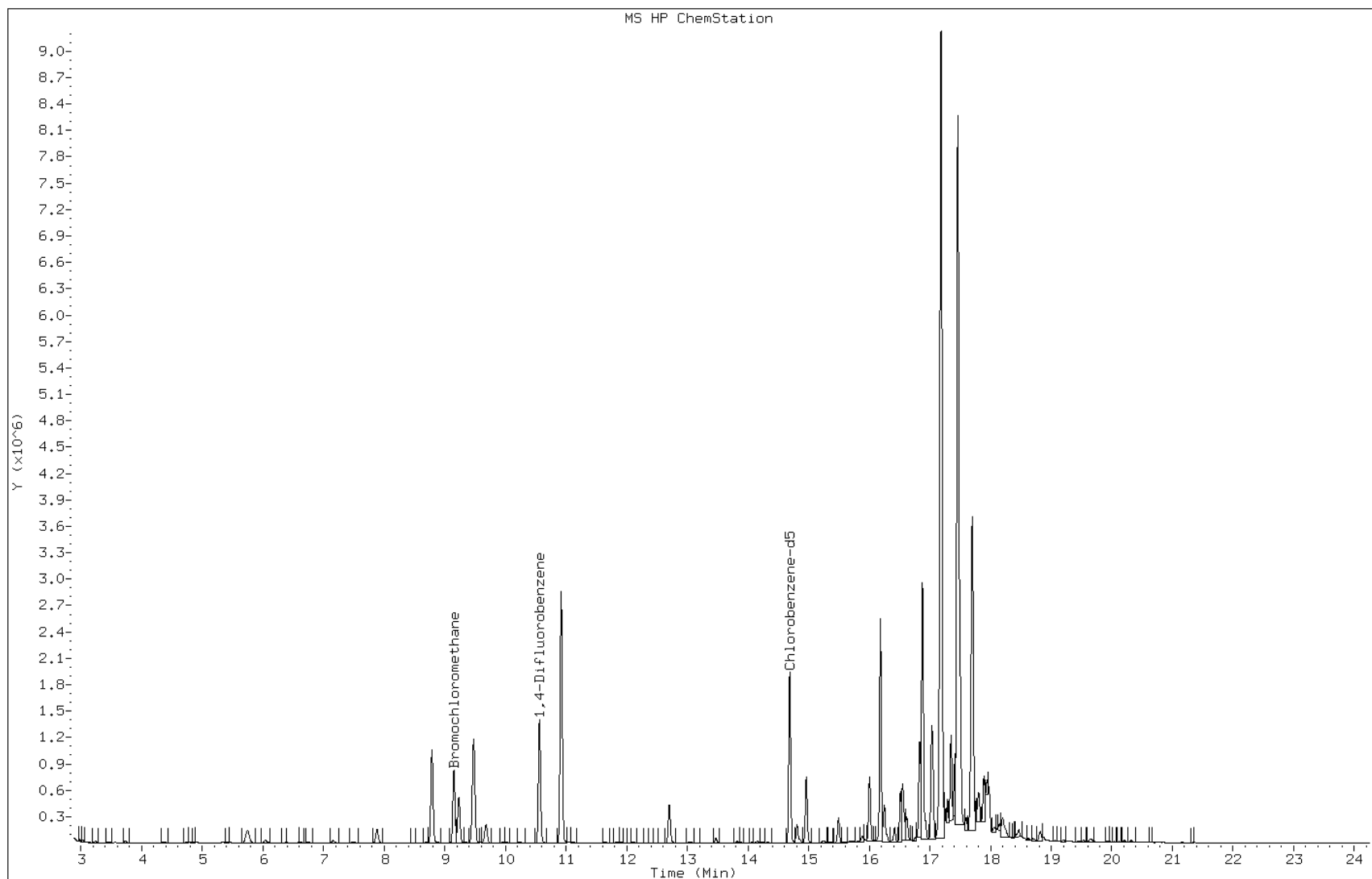
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
31 1,1-Dichloroethane	63	7.886	7.891	(0.862)	223471	4.04248	8.1
M 33 1,2-Dichloroethene, Total	61				790489	18.6103	37
34 1,2-Dichloroethene (cis)	96	8.788	8.793	(0.960)	770847	18.1560	36
* 37 Bromochloromethane	128	9.151	9.156	(1.000)	392709	10.0000	
39 Chloroform	83	9.231	9.241	(1.009)	610633	8.46922	17
40 Cyclohexane	84	Compound Not Detected.					
41 1,1,1-Trichloroethane	97	9.476	9.482	(0.897)	1288756	17.4984	35
42 Carbon tetrachloride	117	9.679	9.684	(0.917)	216301	2.78521	5.6
43 2,2,4-Trimethylpentane	57	9.973	9.978	(0.944)	16272	0.11507	0.23(a)
44 Benzene	78	10.010	10.010	(0.948)	17349	0.15110	0.30(a)
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	10.234	10.239	(0.969)	8776	0.20128	0.40
* 47 1,4-Difluorobenzene	114	10.560	10.570	(1.000)	1791244	10.0000	
49 Trichloroethene	95	10.917	10.928	(1.034)	1282692	24.2132	48
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	12.700	12.705	(0.864)	275157	3.09848	6.2
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	13.474	13.474	(0.917)	25581	0.30193	0.60
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	14.690	14.696	(1.000)	1614826	10.0000	
68 Ethylbenzene	91	14.808	14.813	(1.008)	211043	1.11751	2.2
69 Xylene (m,p)	106	14.963	14.973	(1.019)	330108	4.06210	8.1
M 70 Xylenes, Total	106				441020	5.44931	11
71 Xylene (o)	106	15.496	15.502	(1.055)	110912	1.38721	2.8
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	16.548	16.553	(1.126)	182489	0.80155	1.6(M)
81 1,3,5-Trimethylbenzene	105	16.617	16.622	(1.131)	104526	0.55515	1.1

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: bklw007.d
Client ID: SSV-1
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-1
Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

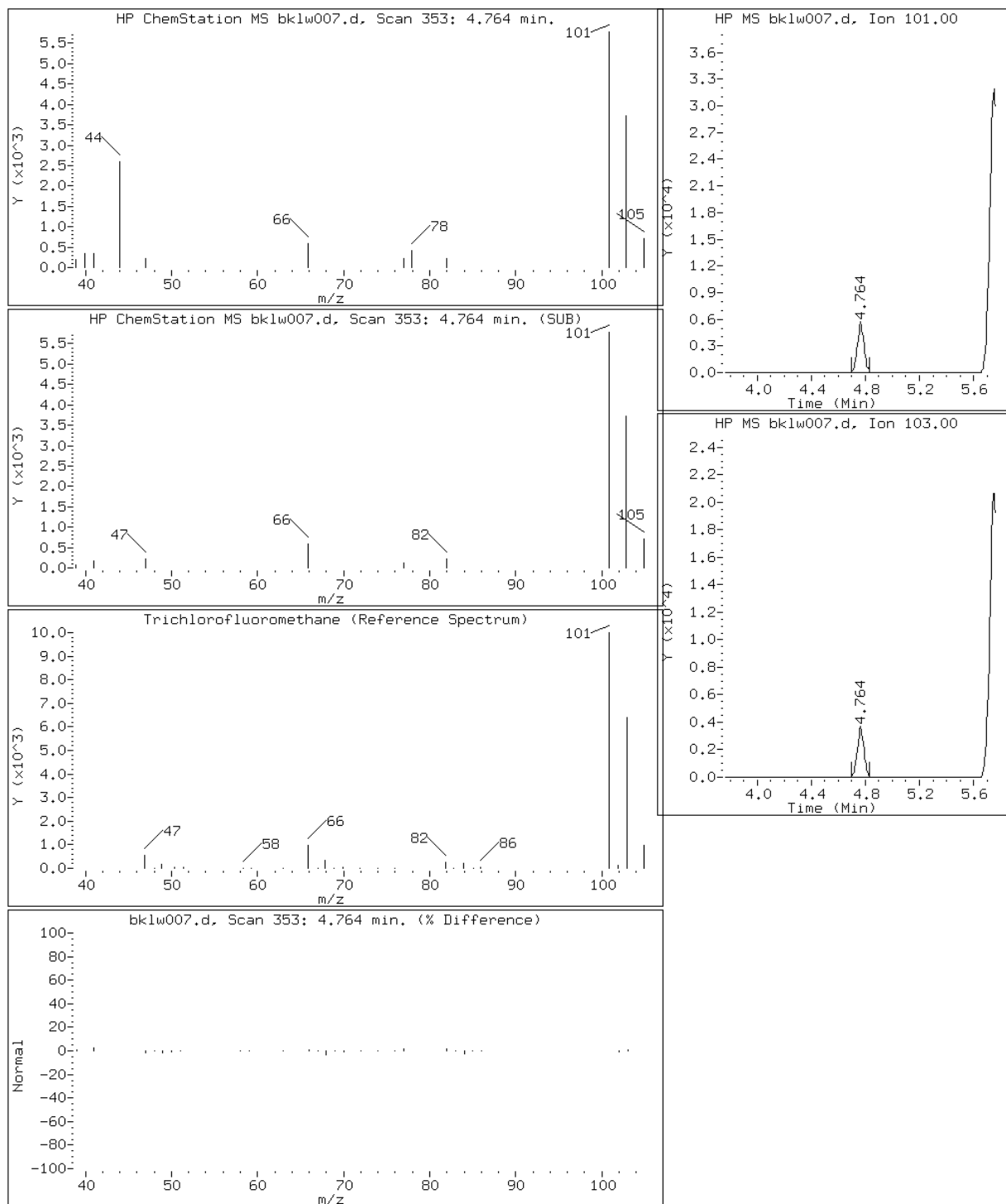
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

13 Trichlorofluoromethane



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

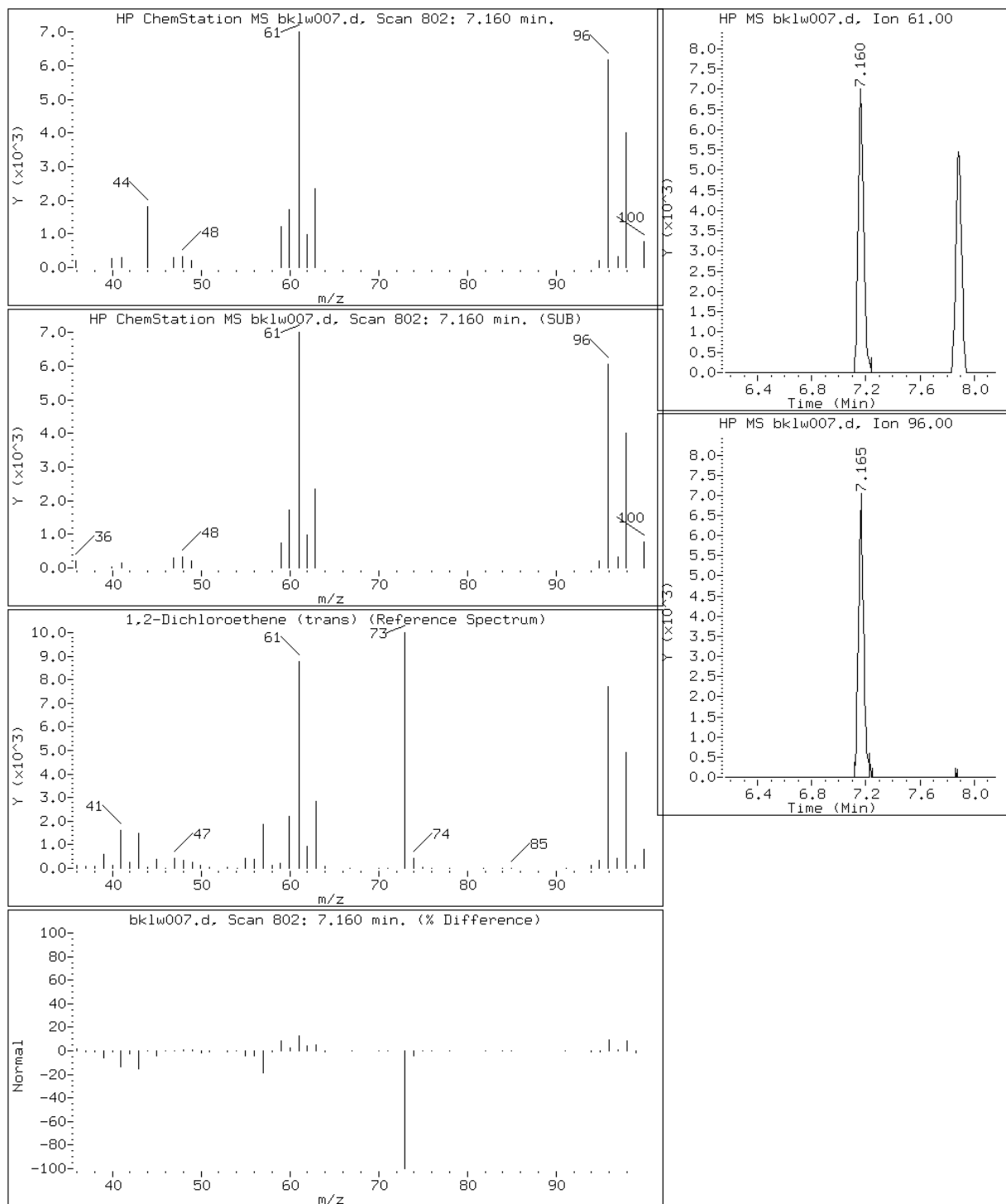
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

28 1,2-Dichloroethene (trans)



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

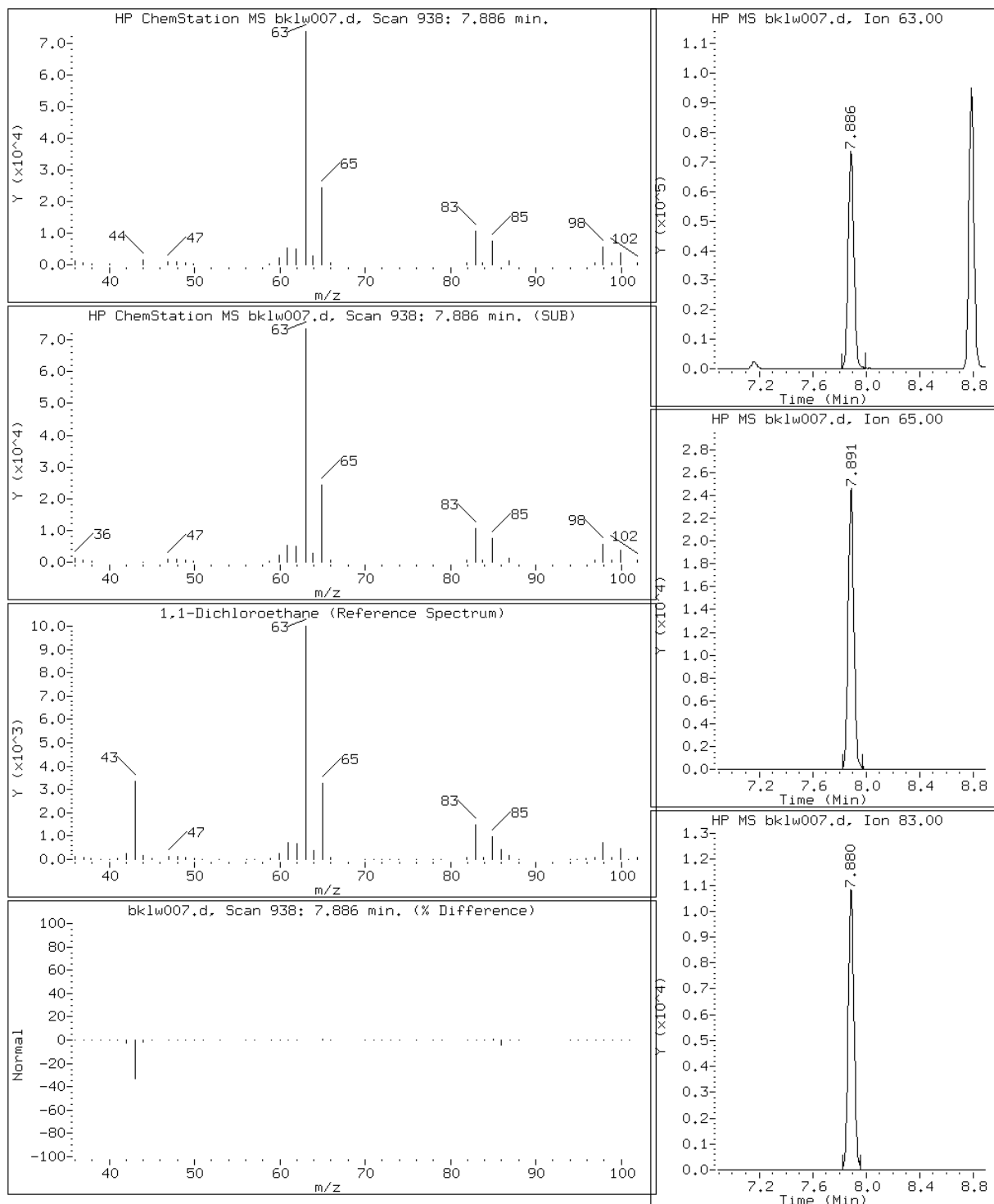
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

31 1,1-Dichloroethane



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

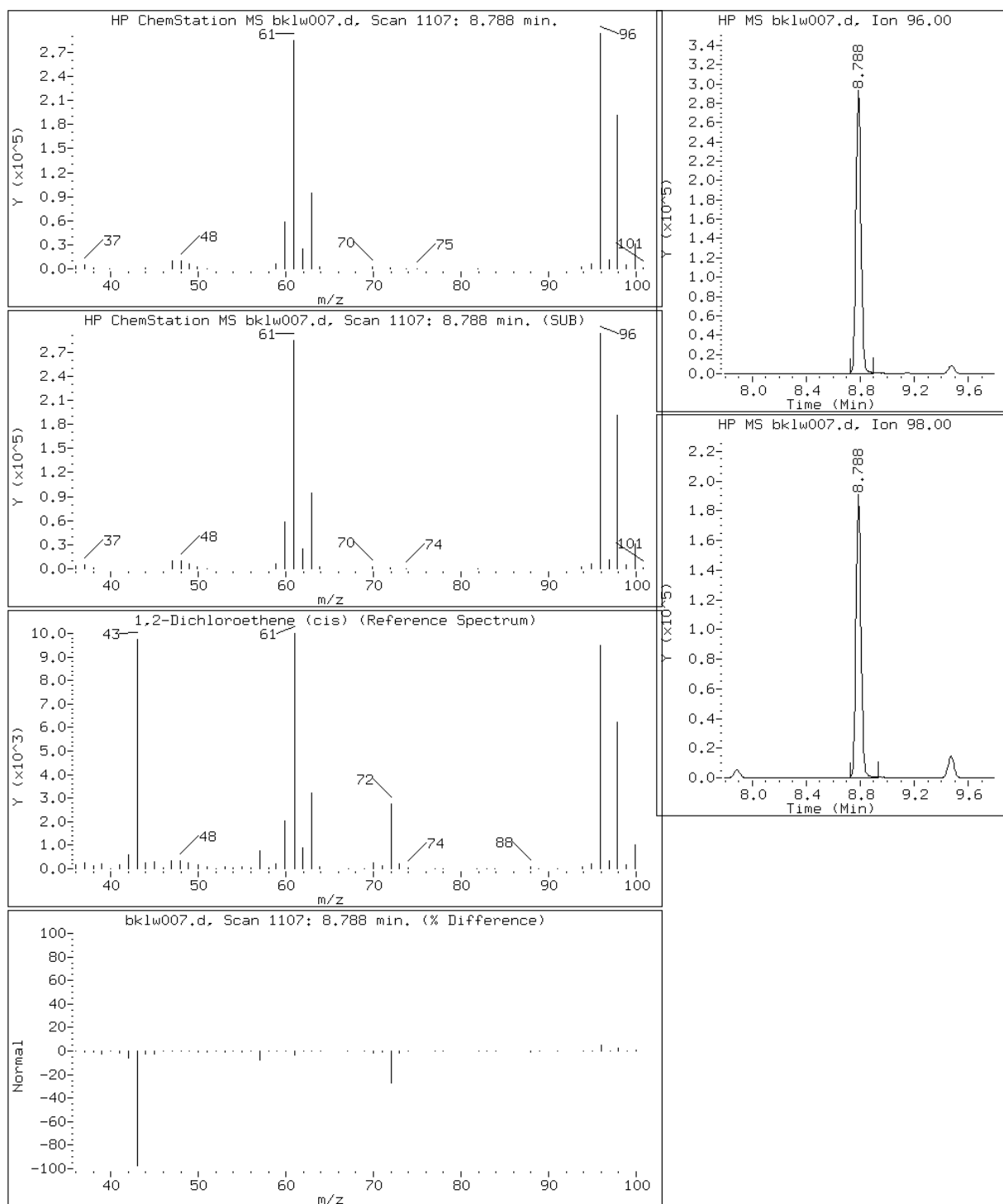
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

34 1,2-Dichloroethene (cis)



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

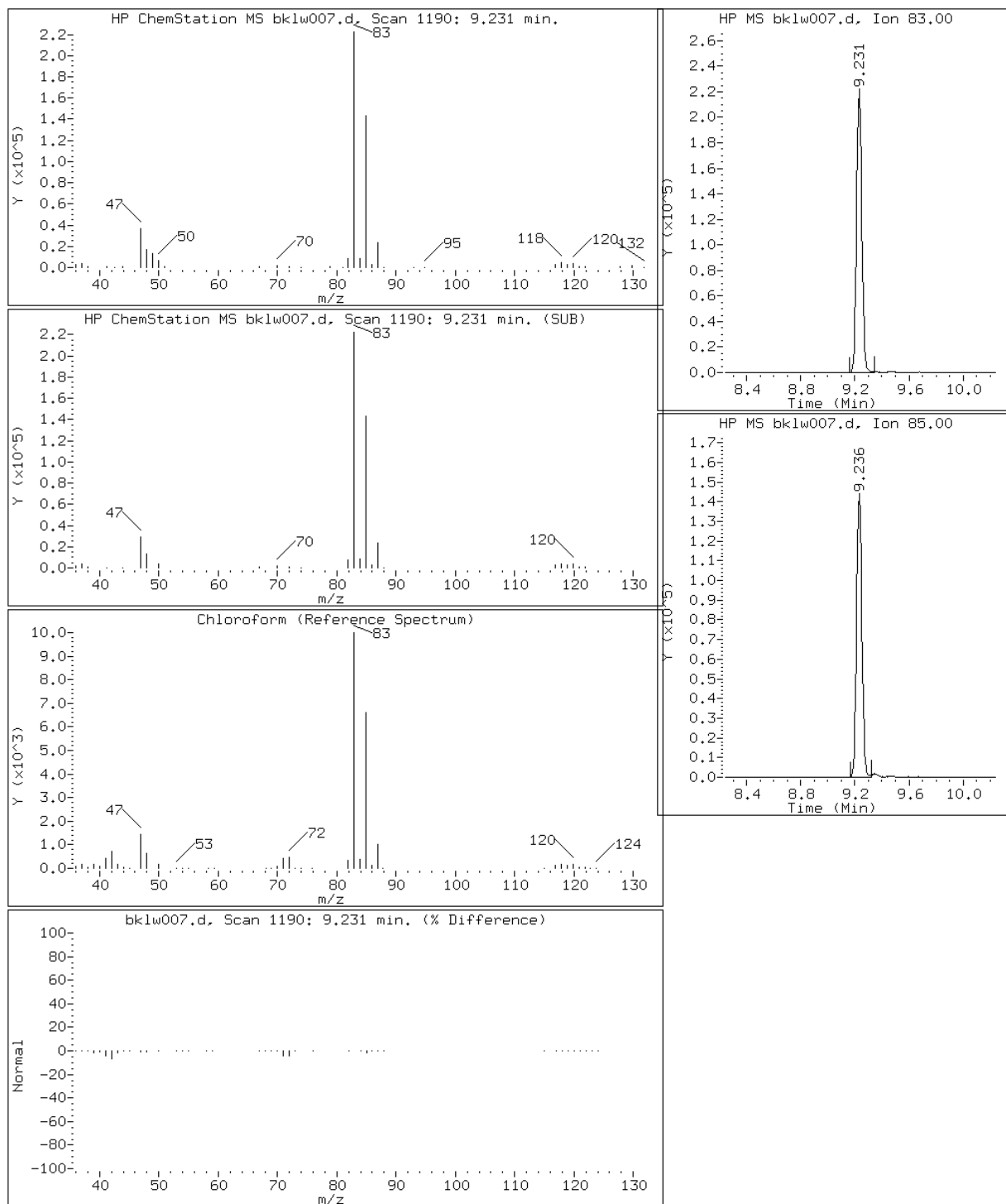
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

39 Chloroform



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

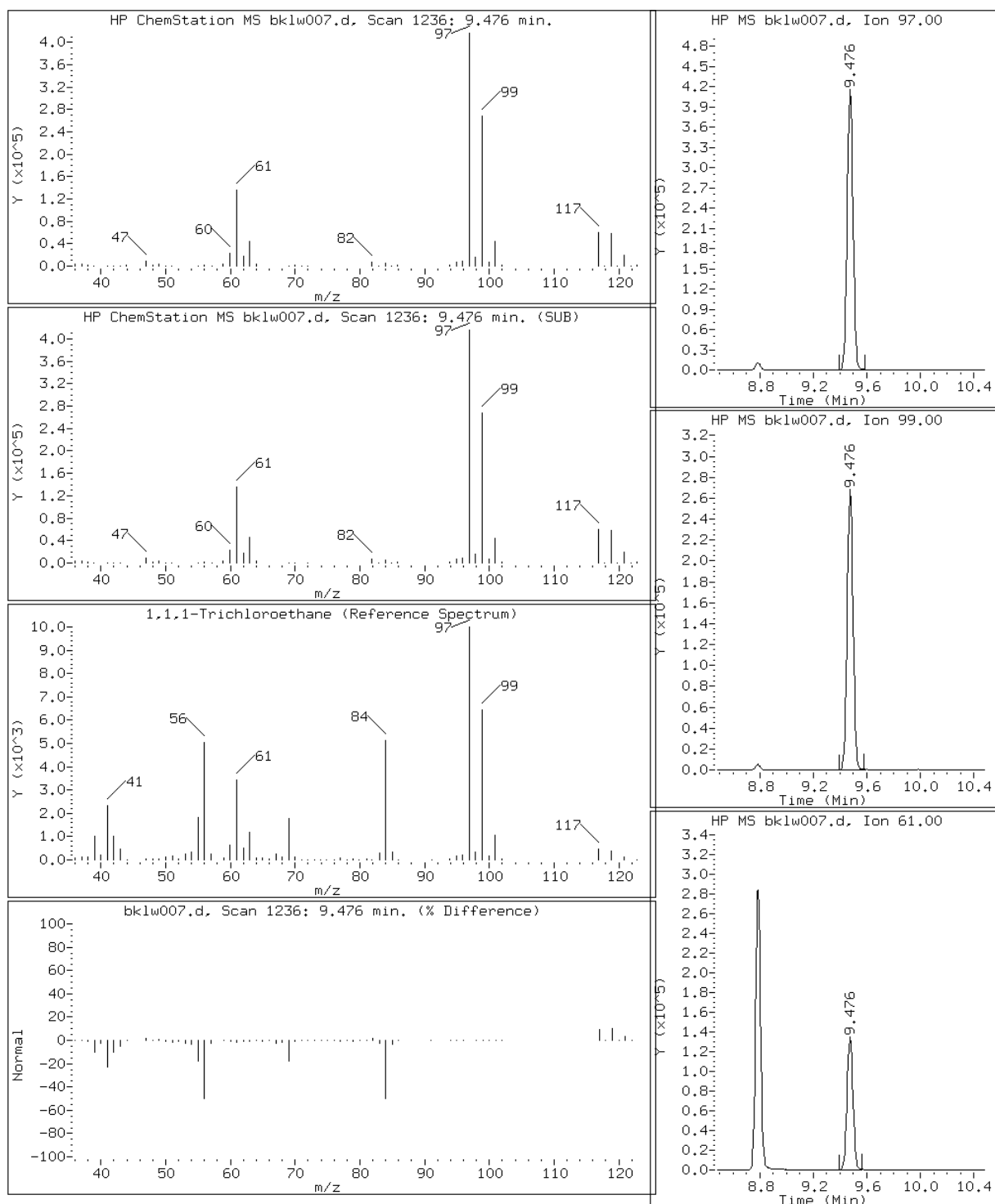
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

41 1,1,1-Trichloroethane



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

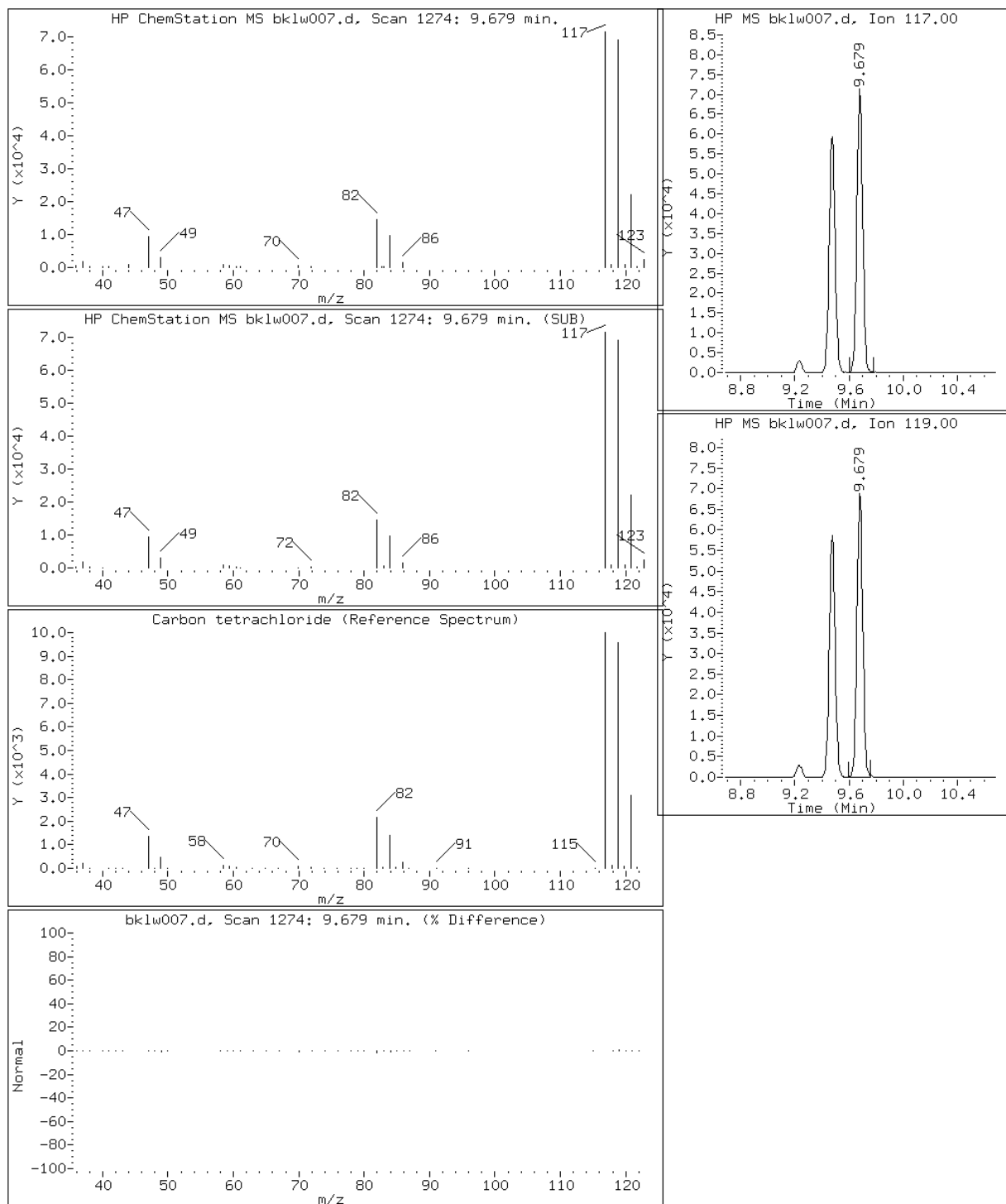
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

42 Carbon tetrachloride



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

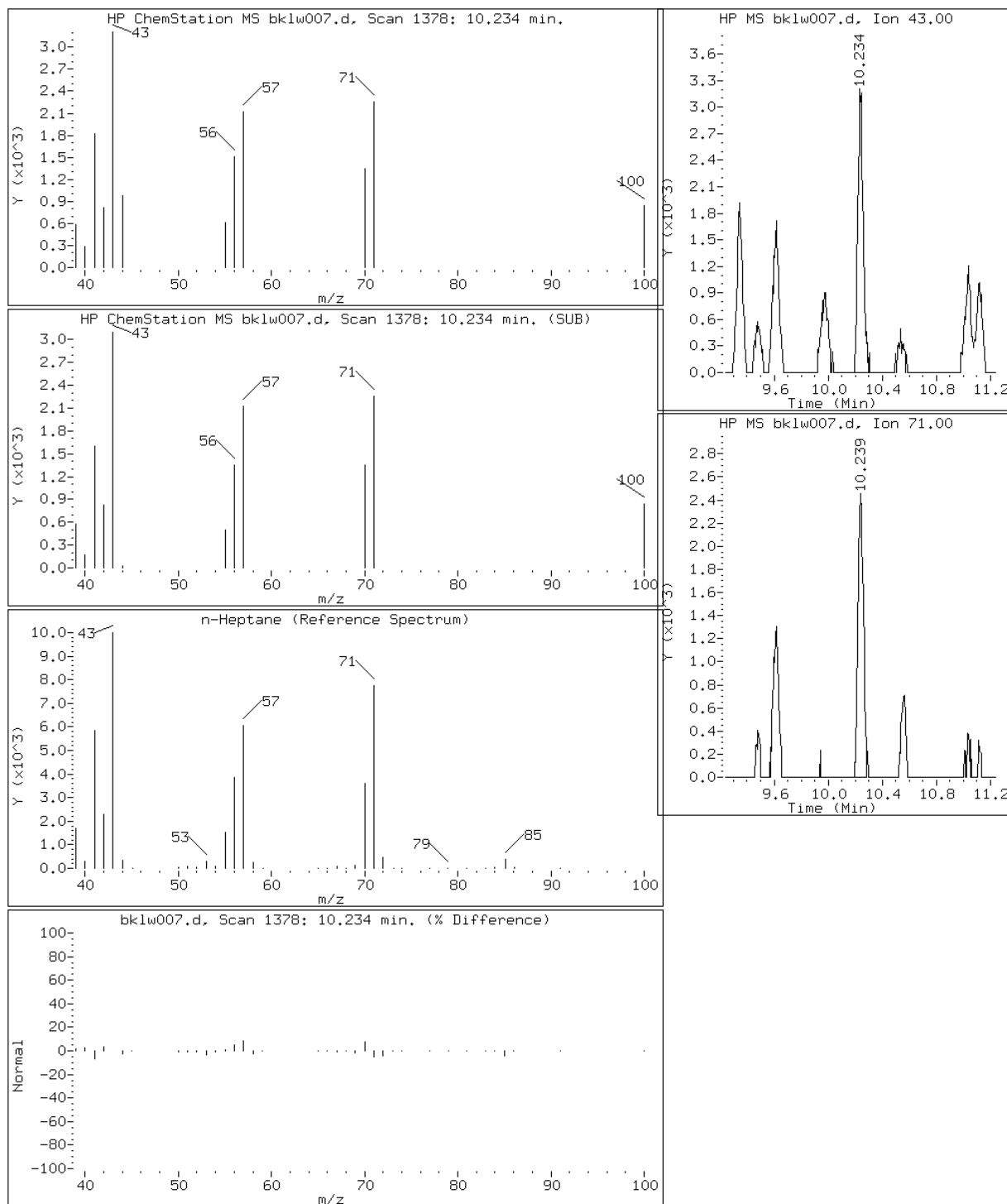
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

46 n-Heptane



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

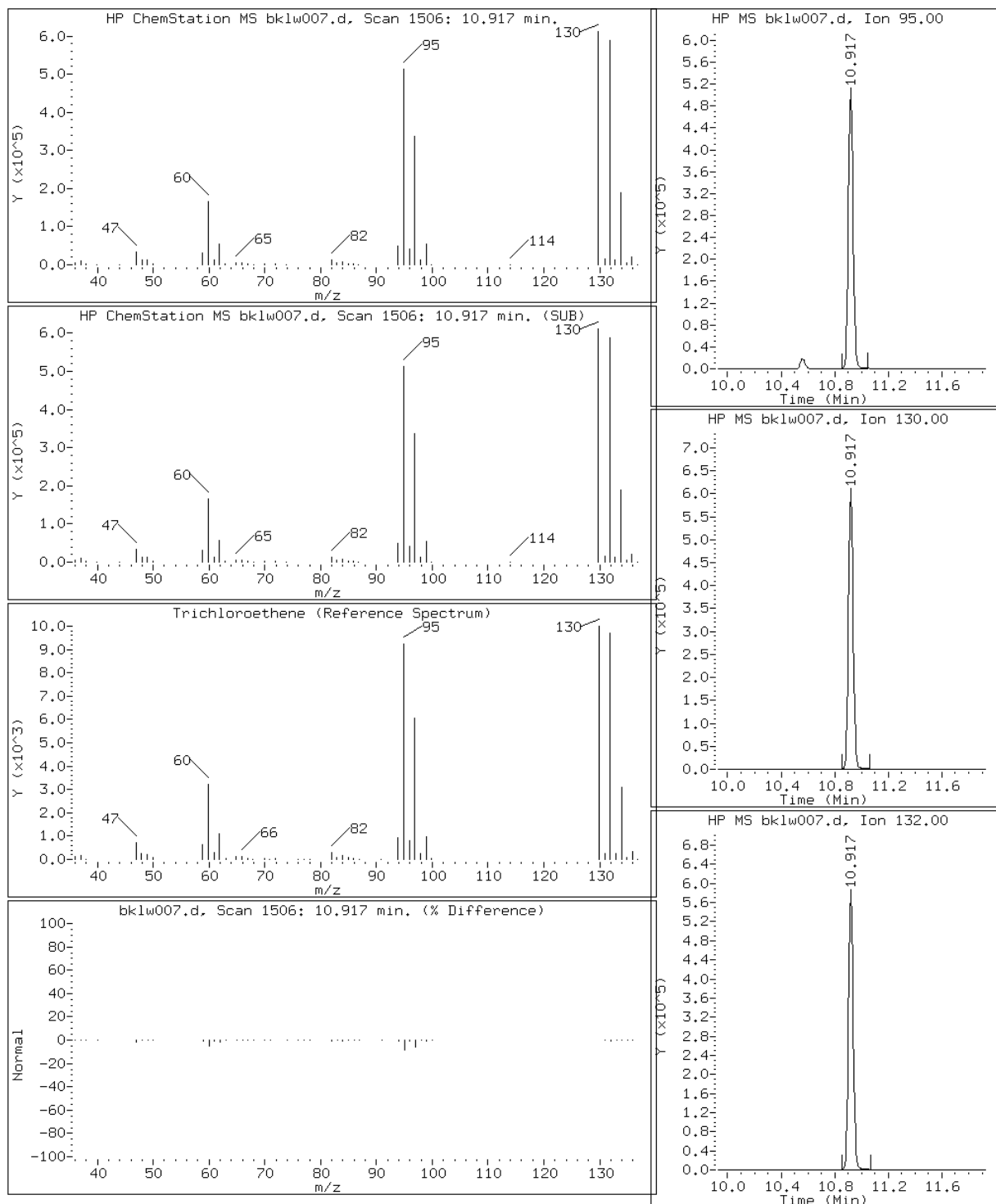
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

49 Trichloroethene



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

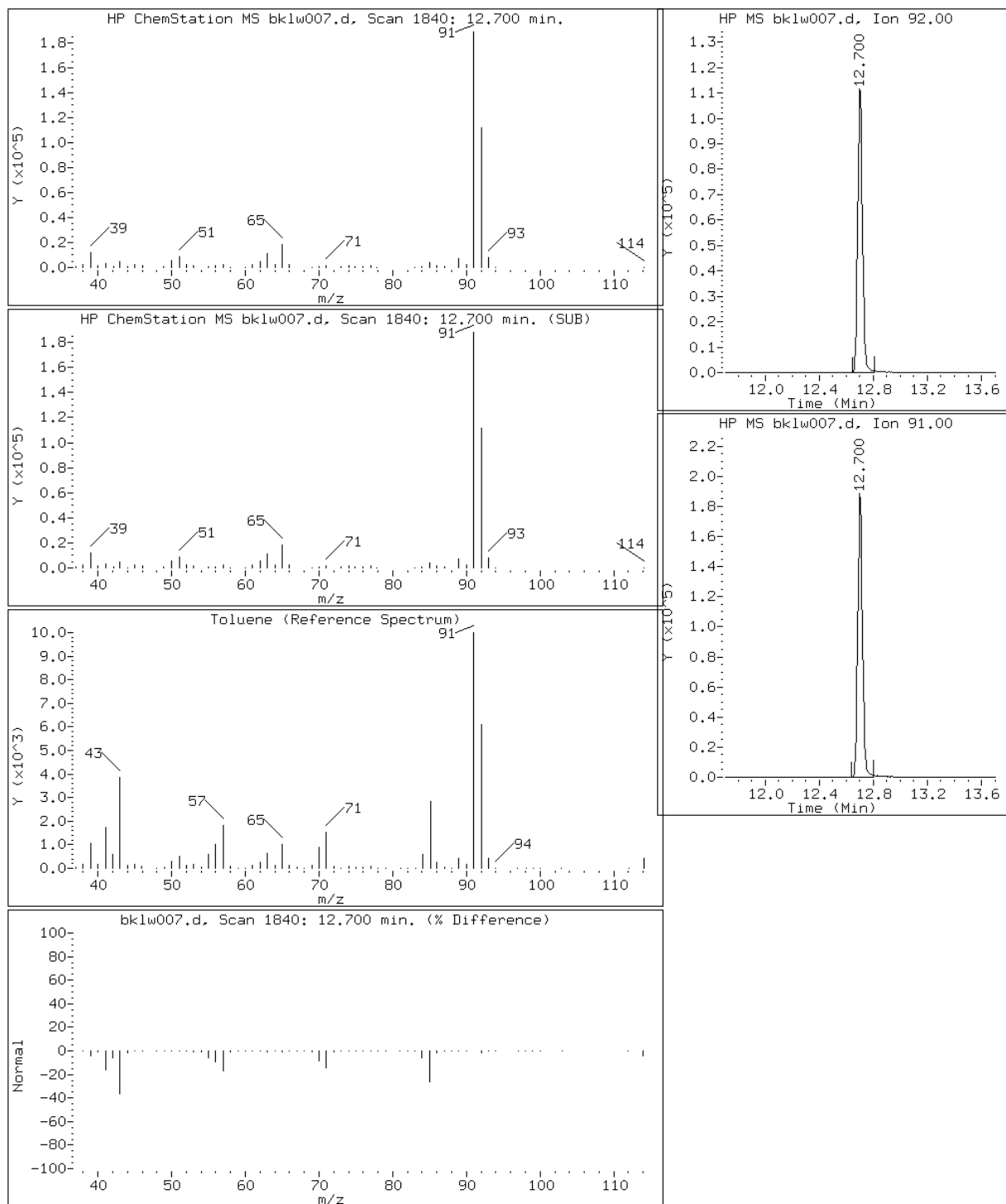
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

58 Toluene



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

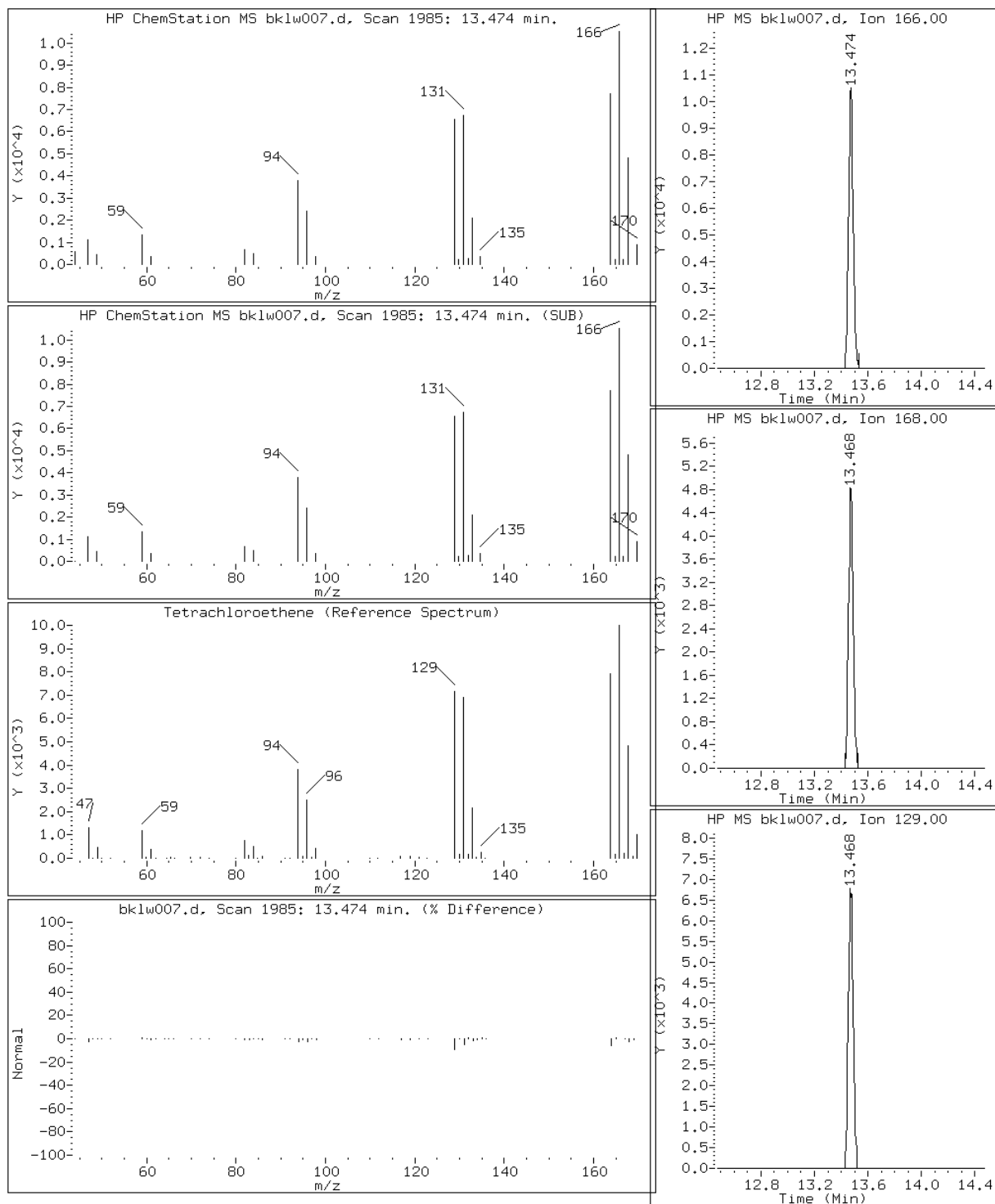
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

61 Tetrachloroethene



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

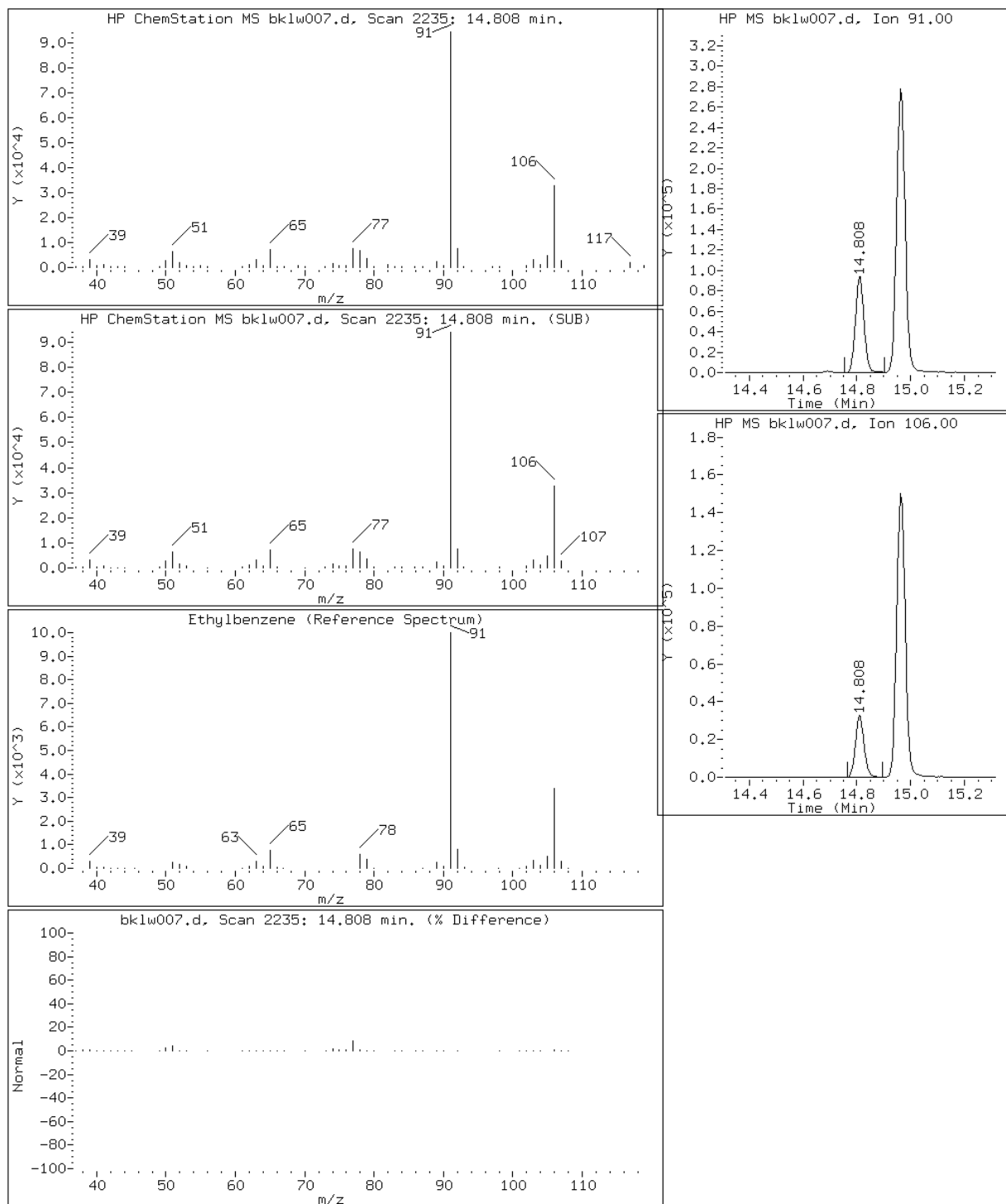
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

68 Ethylbenzene



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

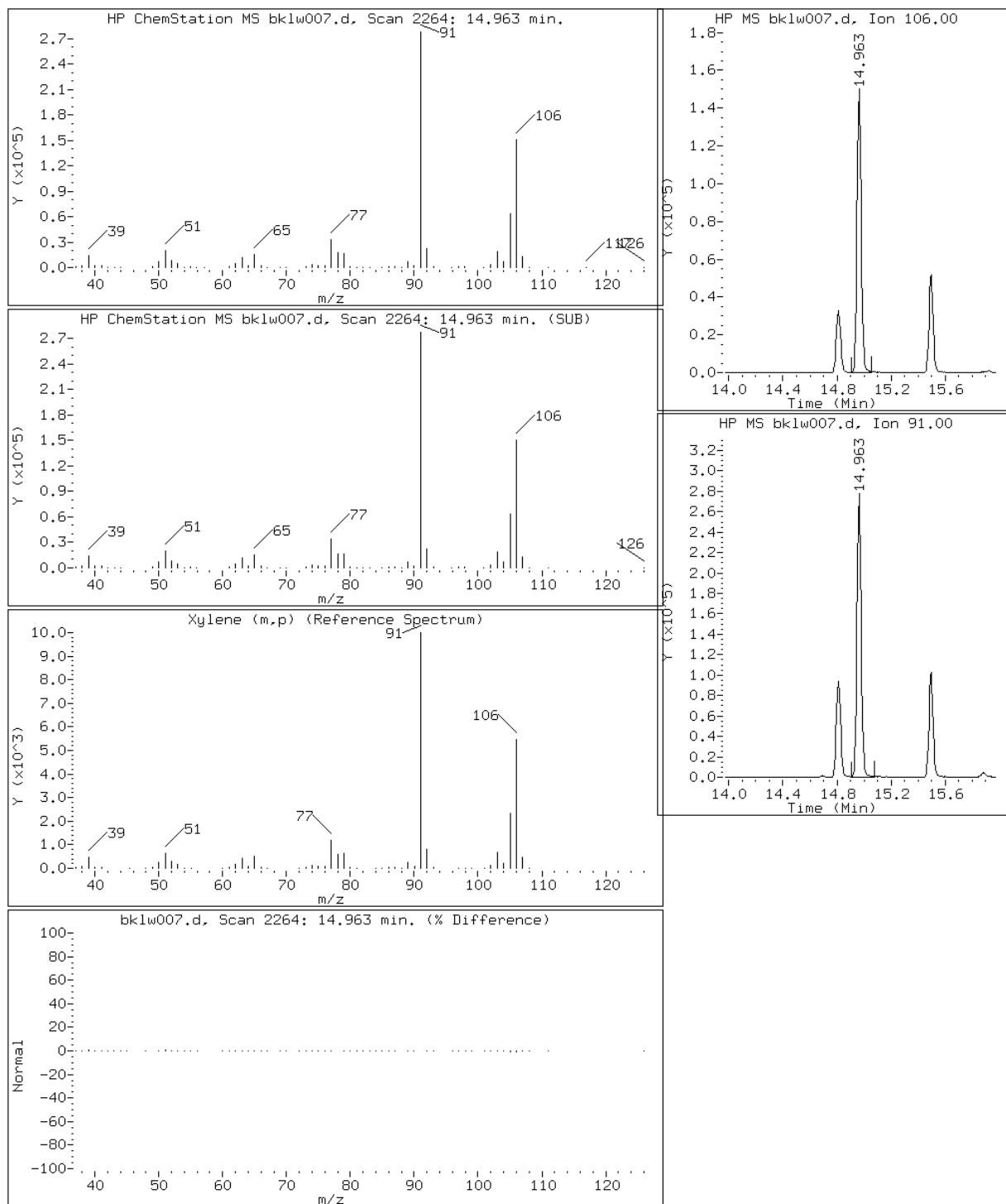
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

69 Xylene (m,p)



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

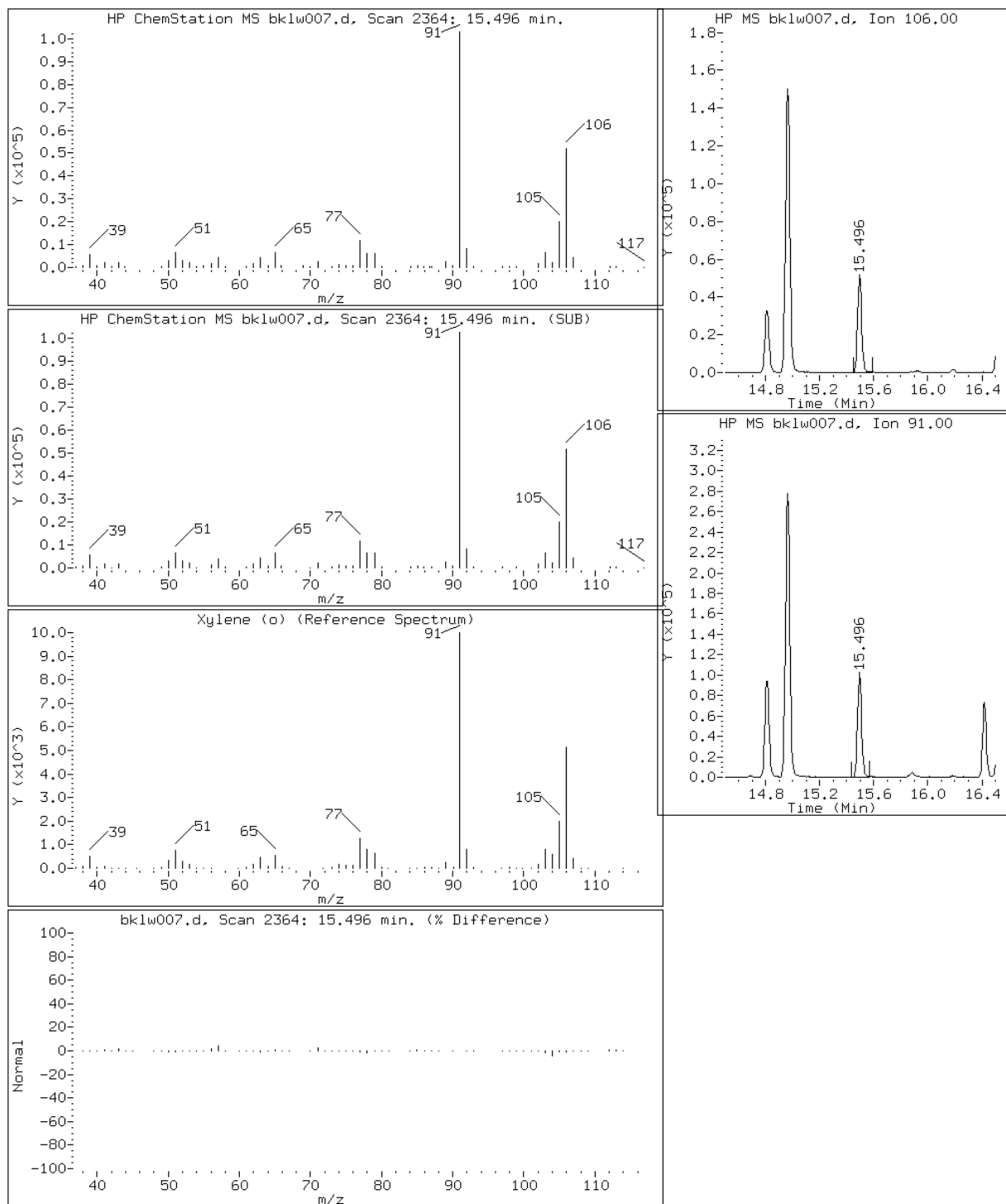
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

71 Xylene (o)



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

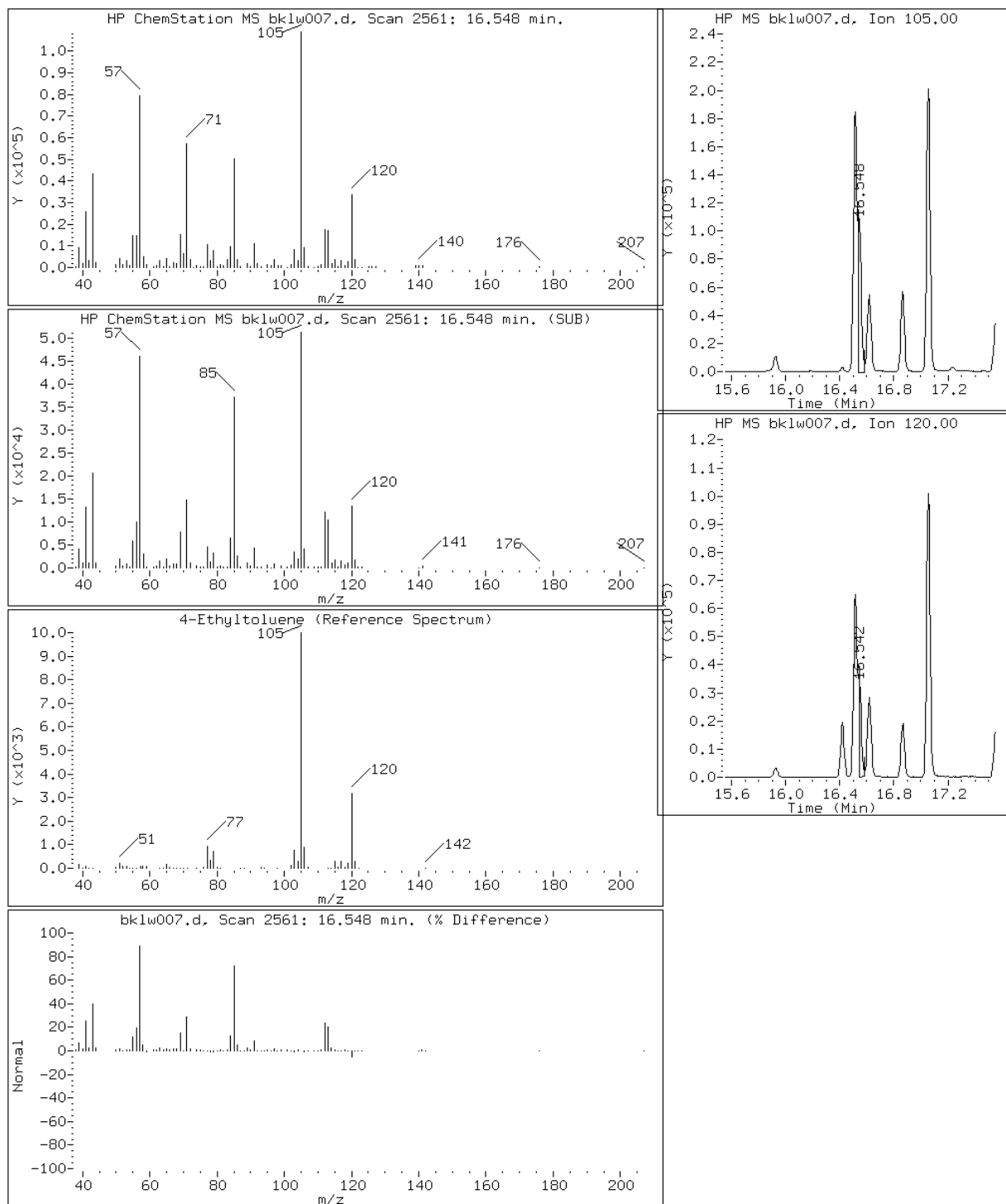
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

79 4-Ethyltoluene



Data File: bklw007.d

Lab Sample ID: 200-9580-1

Date: 08-MAR-2012 15:18

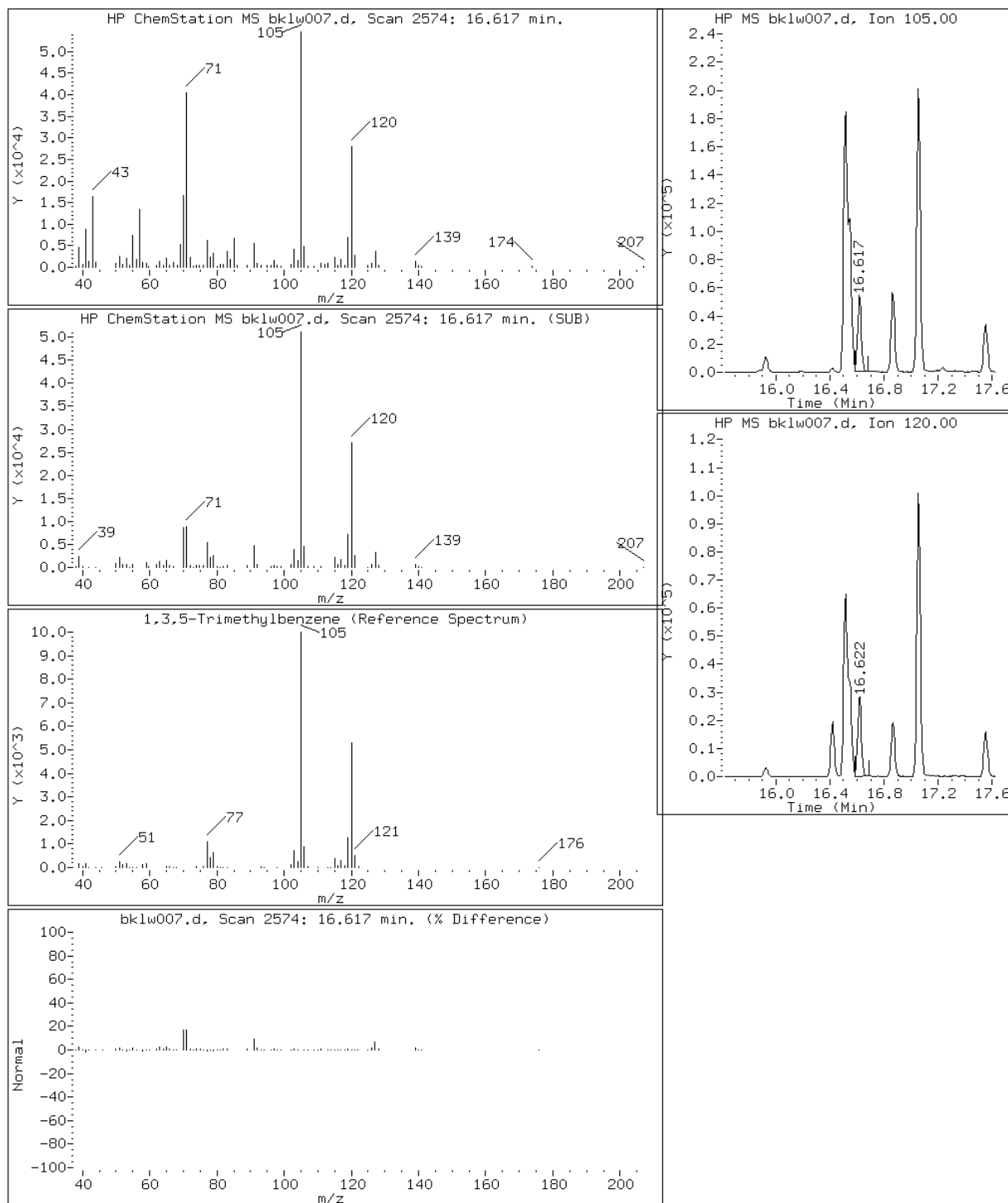
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-9580-A-1

Operator: wrd

81 1,3,5-Trimethylbenzene

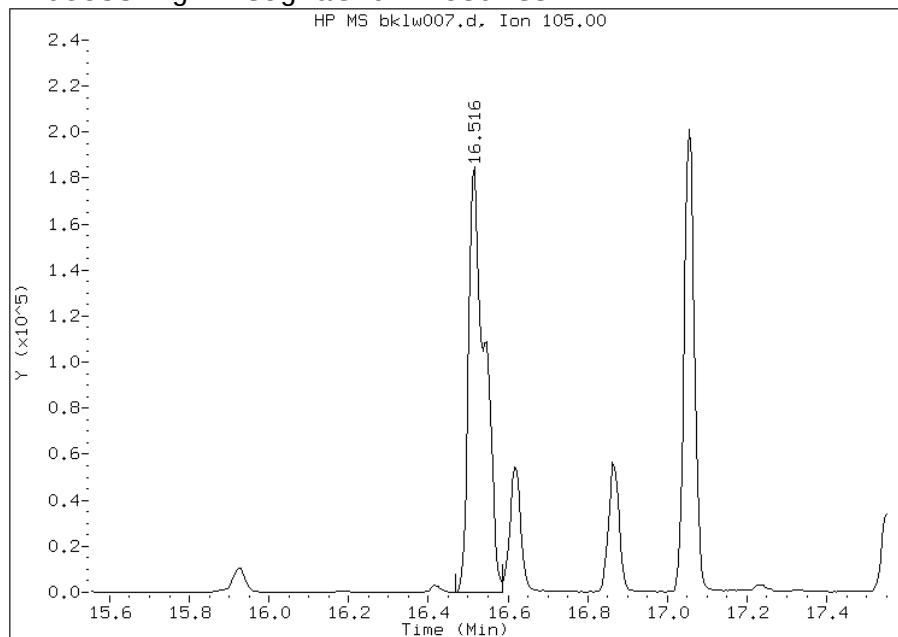


Manual Integration Report

Data File: bklw007.d
Lab Sample ID: 200-9580-1
Inj. Date and Time: 08-MAR-2012 15:18
Instrument ID: B.i
Client ID: SSV-1
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/12/2012

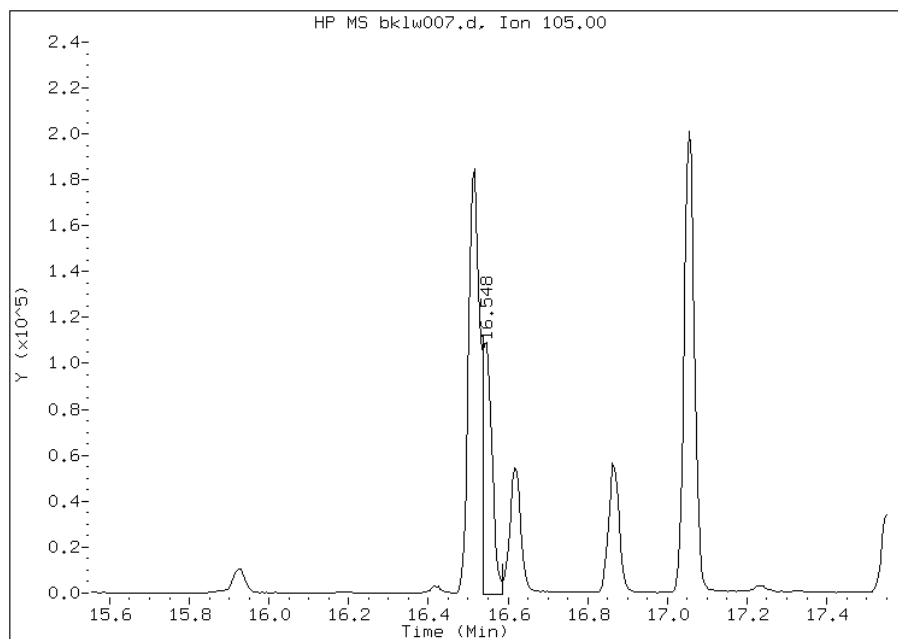
Processing Integration Results

RT: 16.52
Response: 526804
Amount: 2.31
Conc: 4.63



Manual Integration Results

RT: 16.55
Response: 182489
Amount: 0.801550
Conc: 1.60



File Uploaded By: klp
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: SSV-2 Lab Sample ID: 200-9580-3
 Matrix: Air Lab File ID: bklw008.d
 Analysis Method: TO-15 Date Collected: 02/29/2012 16:30
 Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 16:11
 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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.66		0.50	0.038
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.032
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.016
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.38		0.20	0.034
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.030
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.013
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.37		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.035
156-59-2	cis-1,2-Dichloroethene	96.94	1.1		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	1.1		0.20	0.014
67-66-3	Chloroform	119.38	0.67		0.20	0.031
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.036
71-43-2	Benzene	78.11	0.24		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.26		0.20	0.010
79-01-6	Trichloroethene	131.39	2.3		0.20	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.014
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.016
108-88-3	Toluene	92.14	3.7		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	1.5		0.20	0.011
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: SSV-2 Lab Sample ID: 200-9580-3
Matrix: Air Lab File ID: bklw008.d
Analysis Method: TO-15 Date Collected: 02/29/2012 16:30
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 16:11
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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.90		0.20	0.022
179601-23-1	m,p-Xylene	106.17	2.0		0.50	0.048
95-47-6	Xylene, o-	106.17	0.51		0.20	0.022
1330-20-7	Xylene (total)	106.17	2.5		0.20	0.022
75-25-2	Bromoform	252.75	0.20	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.040
622-96-8	4-Ethyltoluene	120.20	0.20		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.051

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

Lab Name: <u>TestAmerica Burlington</u>	Job No.: <u>200-9580-1</u>
SDG No.: <u>200-9580</u>	
Client Sample ID: <u>SSV-2</u>	Lab Sample ID: <u>200-9580-3</u>
Matrix: <u>Air</u>	Lab File ID: <u>bklw008.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>02/29/2012 16:30</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>03/08/2012 16:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>34715</u>	Units: <u>ug/m3</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.3		2.5	0.19
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.22
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.047
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.042
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	2.1		1.1	0.19
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.12
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.045
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.13
110-54-3	n-Hexane	86.17	1.3		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	4.2		0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	4.2		0.79	0.056
67-66-3	Chloroform	119.38	3.3		0.98	0.15
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.17
71-43-2	Benzene	78.11	0.76		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.13
142-82-5	n-Heptane	100.21	1.1		0.82	0.041
79-01-6	Trichloroethene	131.39	12		1.1	0.16
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.065
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.073
108-88-3	Toluene	92.14	14		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	10		1.4	0.075
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.14

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: SSV-2 Lab Sample ID: 200-9580-3
Matrix: Air Lab File ID: bklw008.d
Analysis Method: TO-15 Date Collected: 02/29/2012 16:30
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 16:11
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.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	3.9		0.87	0.096
179601-23-1	m,p-Xylene	106.17	8.7		2.2	0.21
95-47-6	Xylene, o-	106.17	2.2		0.87	0.096
1330-20-7	Xylene (total)	106.17	11		0.87	0.096
75-25-2	Bromoform	252.75	2.1	U	2.1	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.27
622-96-8	4-Ethyltoluene	120.20	0.97		0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.25

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-3
Client Smp ID: SSV-2
Inj Date : 08-MAR-2012 16:11
Operator : wrd
Smp Info : 200-9580-A-3
Misc Info : 200,1,to15ll+mec12
Comment :
Method : /chem/B.i/Bsvr.p/bklwto15.b/to15v5.m
Meth Date : 09-Mar-2012 12:21 wrd
Cal Date : 30-JAN-2012 22:31
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bkl009.d
Compound Sublist: T015LL+MeCl.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	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.029	3.035	(0.331)	41163	0.66014	0.66
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	4.764	4.764	(0.521)	33783	0.37601	0.38
19 1,1-Dichloroethene	96	Compound Not Detected.					
23 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	6.765	6.760	(0.739)	7218	0.25228	0.25(a)
27 Methyl tert-butyl ether	73	Compound Not Detected.					
28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30 n-Hexane	57	7.491	7.491	(0.819)	18435	0.36581	0.37

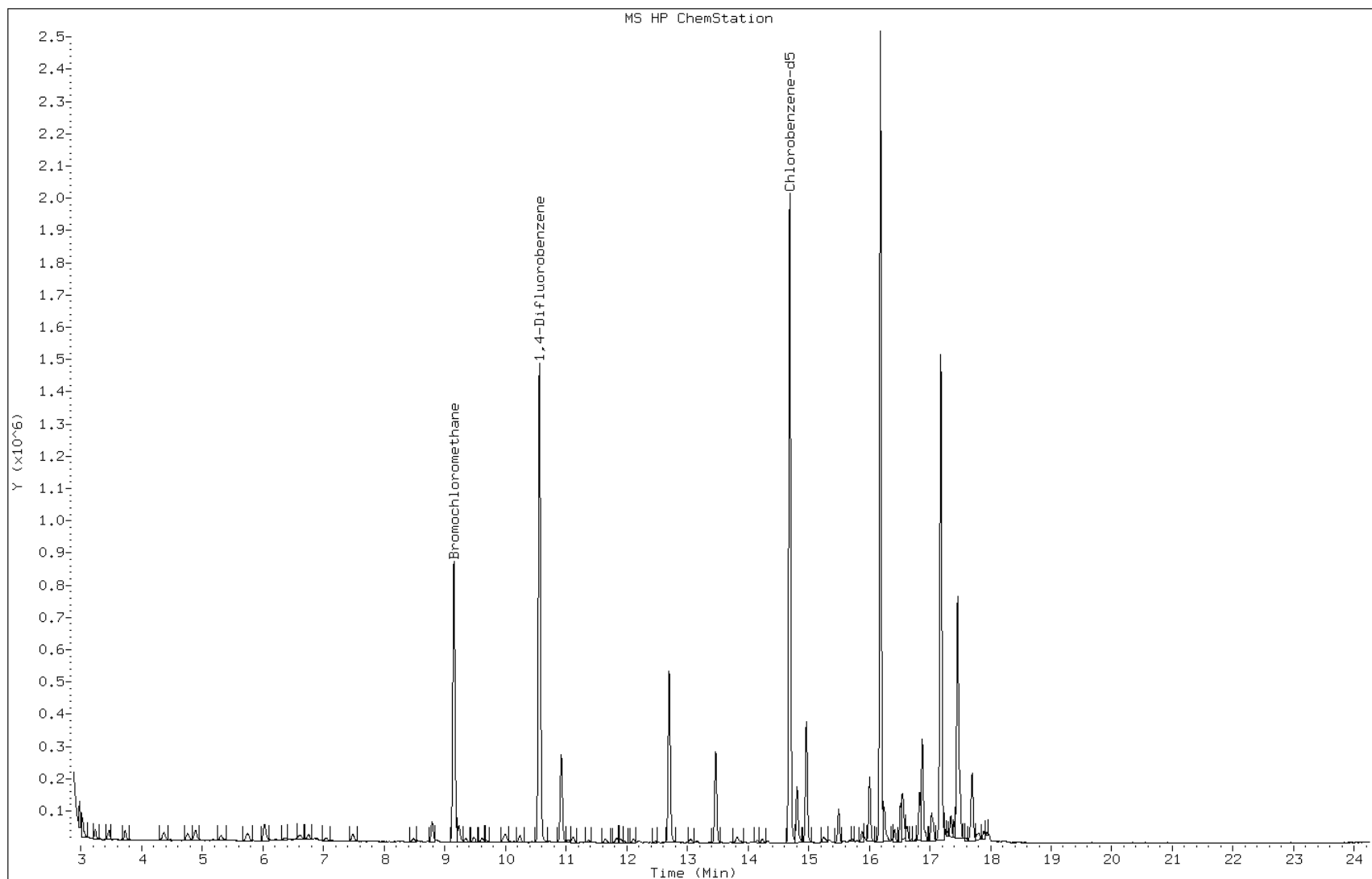
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
31 1,1-Dichloroethane	63	7.891	7.891	(0.862)	3117	0.05383	0.054(aQ)
M 33 1,2-Dichloroethene, Total	61				47352	1.06467	1.1
34 1,2-Dichloroethene (cis)	96	8.788	8.793	(0.960)	47352	1.06467	1.1
* 37 Bromochloromethane	128	9.151	9.156	(1.000)	411384	10.0000	
39 Chloroform	83	9.236	9.241	(1.009)	50363	0.66680	0.67
40 Cyclohexane	84	9.492	9.492	(0.899)	3978	0.06946	0.069(aQ)
41 1,1,1-Trichloroethane	97	9.471	9.482	(0.897)	6730	0.08631	0.086(a)
42 Carbon tetrachloride	117	9.679	9.684	(0.917)	6810	0.08283	0.083(a)
43 2,2,4-Trimethylpentane	57	9.973	9.978	(0.944)	20764	0.13870	0.14(a)
44 Benzene	78	10.010	10.010	(0.948)	28942	0.23810	0.24
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	10.239	10.239	(0.970)	11991	0.25978	0.26
* 47 1,4-Difluorobenzene	114	10.560	10.570	(1.000)	1896328	10.0000	
49 Trichloroethene	95	10.917	10.928	(1.034)	127534	2.27404	2.3
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	12.700	12.705	(0.864)	344410	3.70402	3.7
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	13.468	13.474	(0.917)	134145	1.51214	1.5
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	14.690	14.696	(1.000)	1690817	10.0000	
68 Ethylbenzene	91	14.808	14.813	(1.008)	178585	0.90314	0.90
69 Xylene (m,p)	106	14.968	14.973	(1.019)	171135	2.01123	2.0
M 70 Xylenes, Total	106				213658	2.51918	2.5
71 Xylene (o)	106	15.496	15.502	(1.055)	42523	0.50794	0.51
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	16.548	16.553	(1.126)	46856	0.19656	0.20(M)
81 1,3,5-Trimethylbenzene	105	16.622	16.622	(1.131)	18373	0.09320	0.093(a)

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: bklw008.d
Client ID: SSV-2
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-3
Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

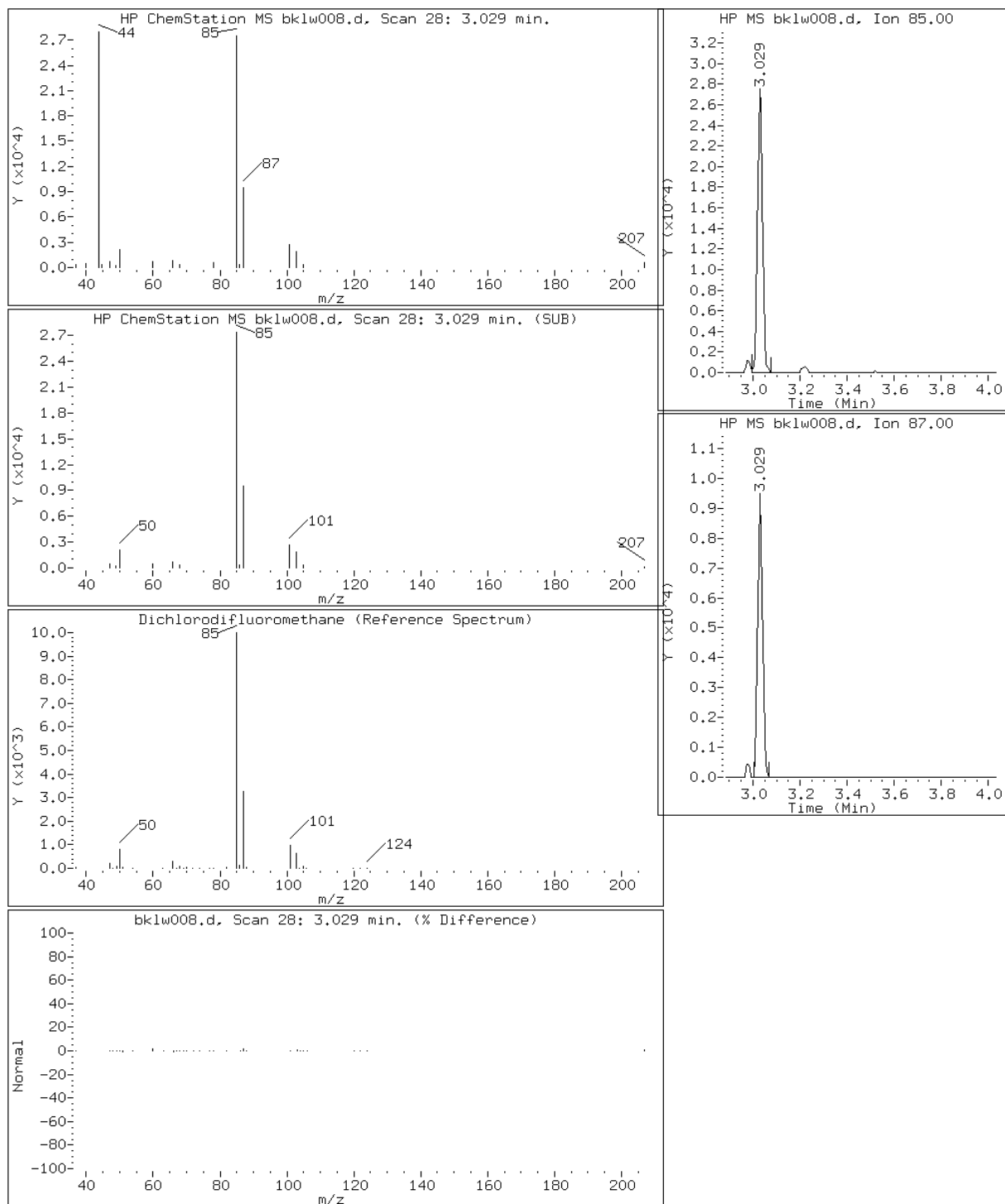
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

2 Dichlorodifluoromethane



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

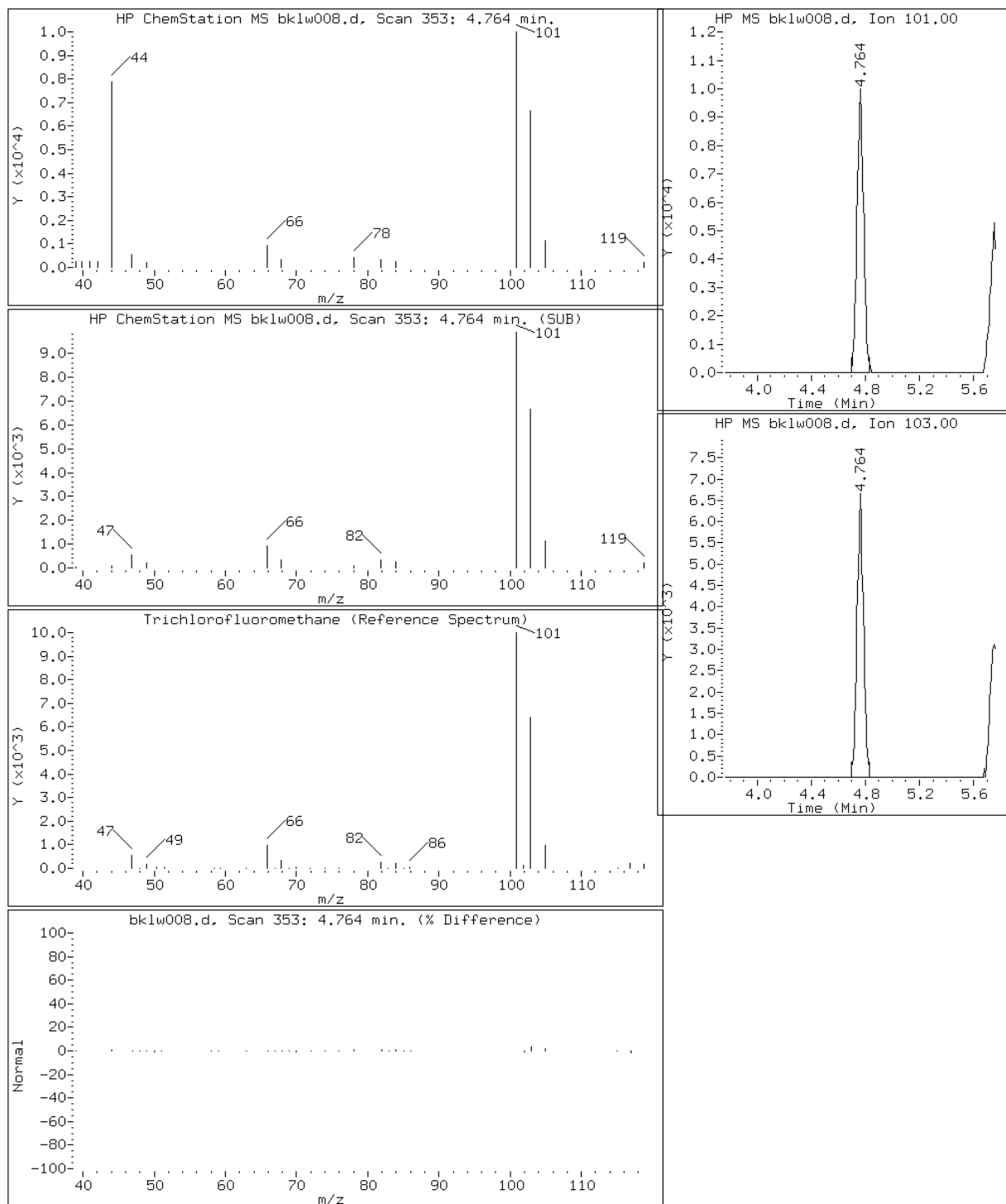
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

13 Trichlorofluoromethane



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

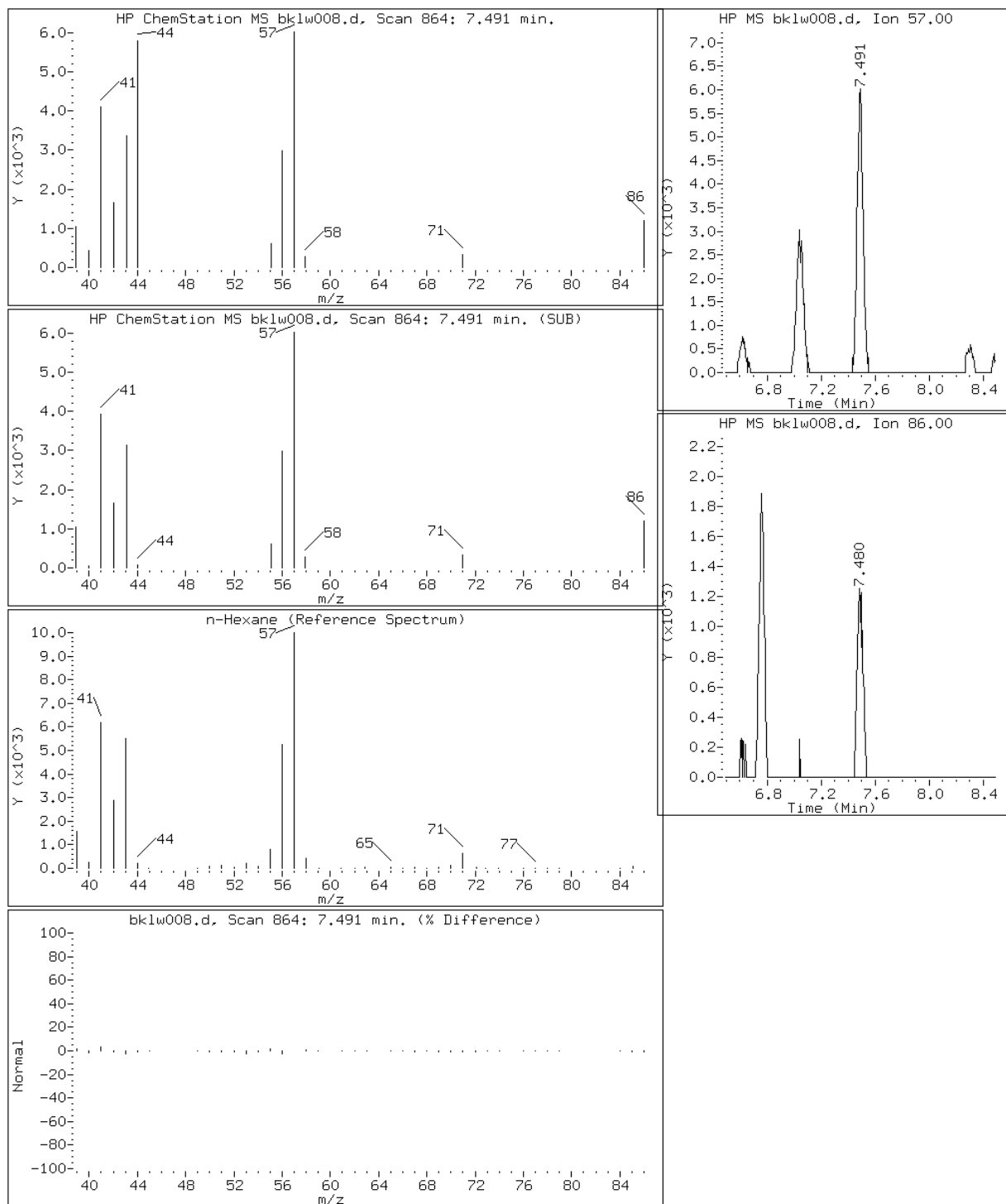
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

30 n-Hexane



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

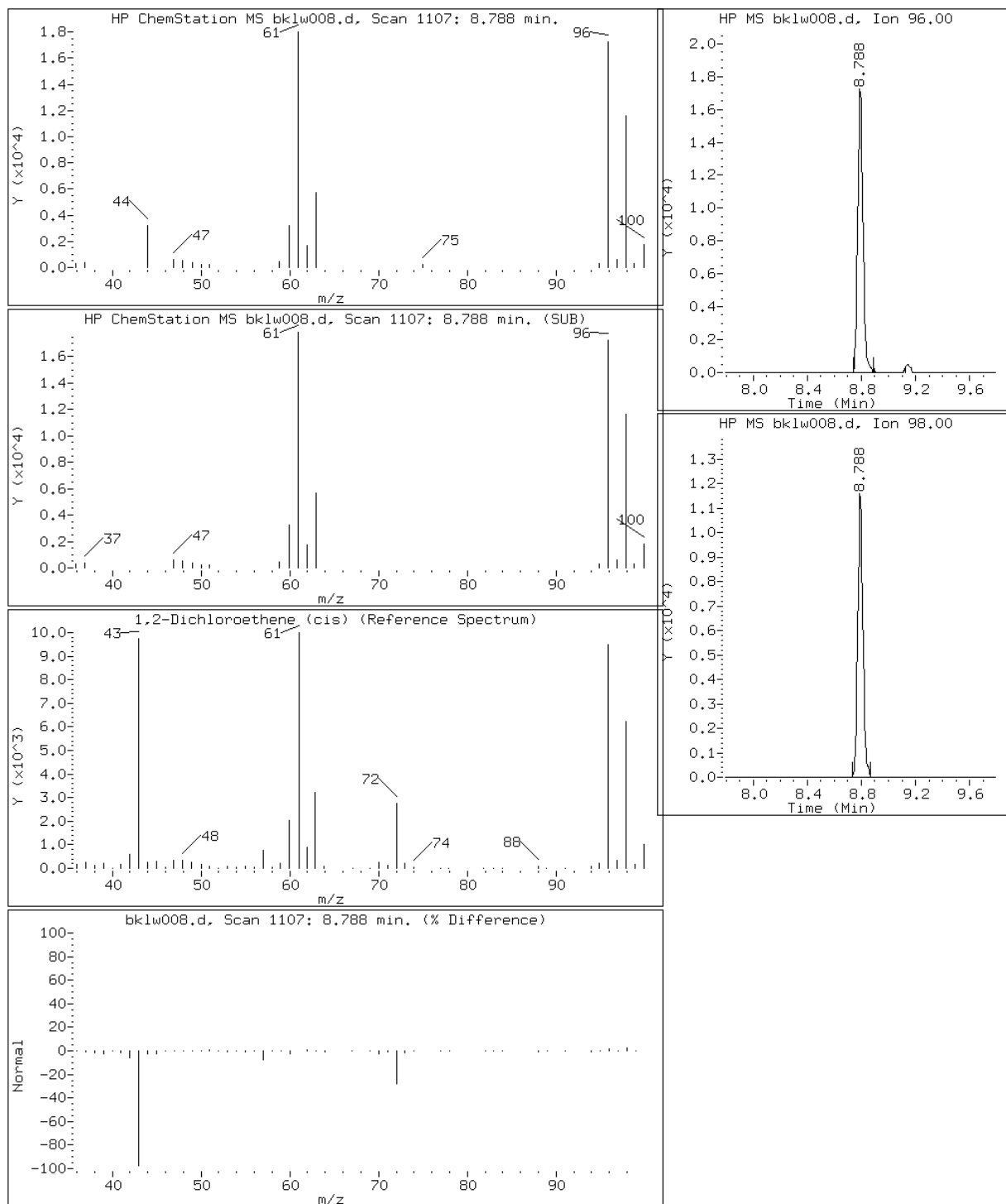
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

34 1,2-Dichloroethene (cis)



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

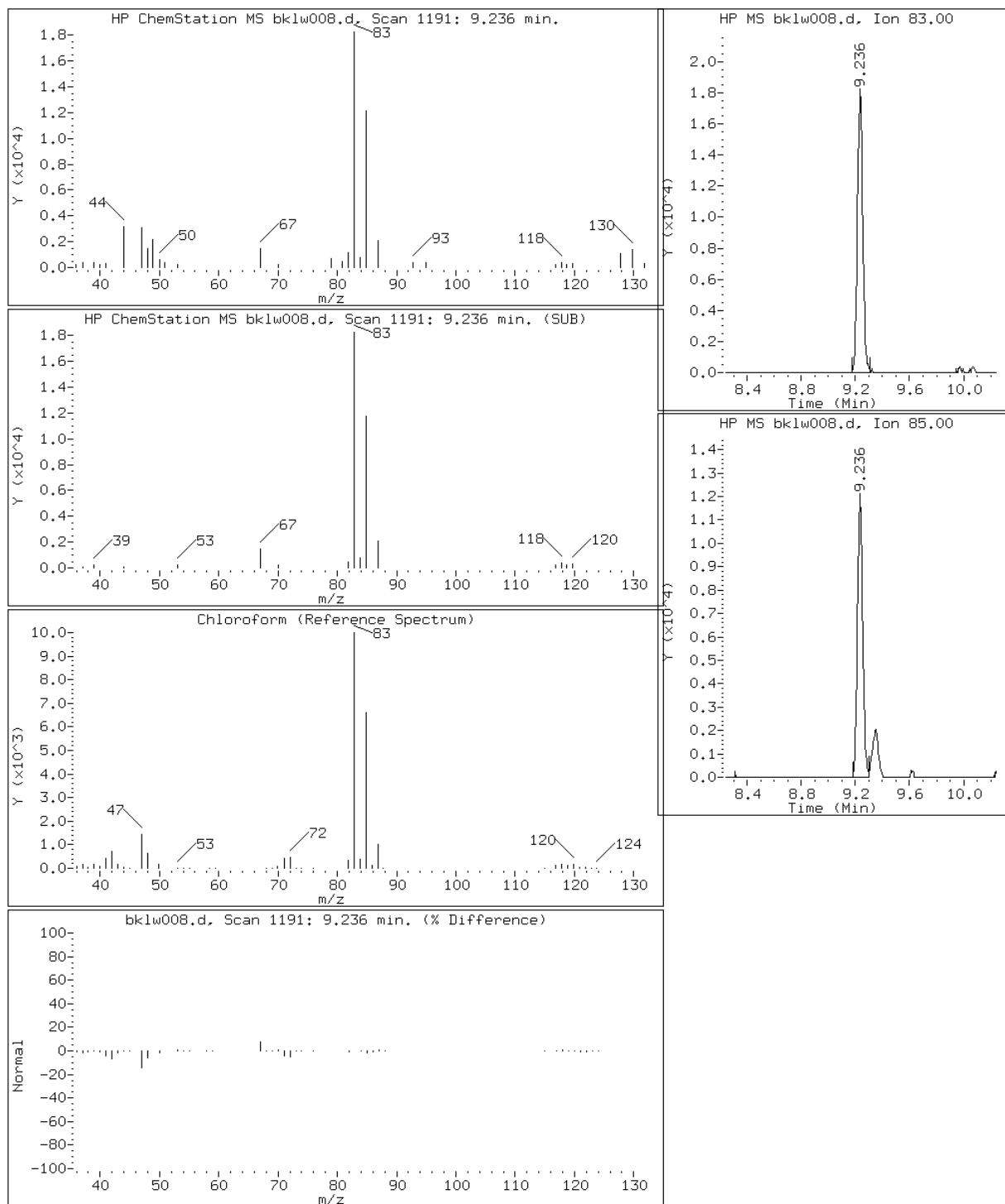
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

39 Chloroform



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

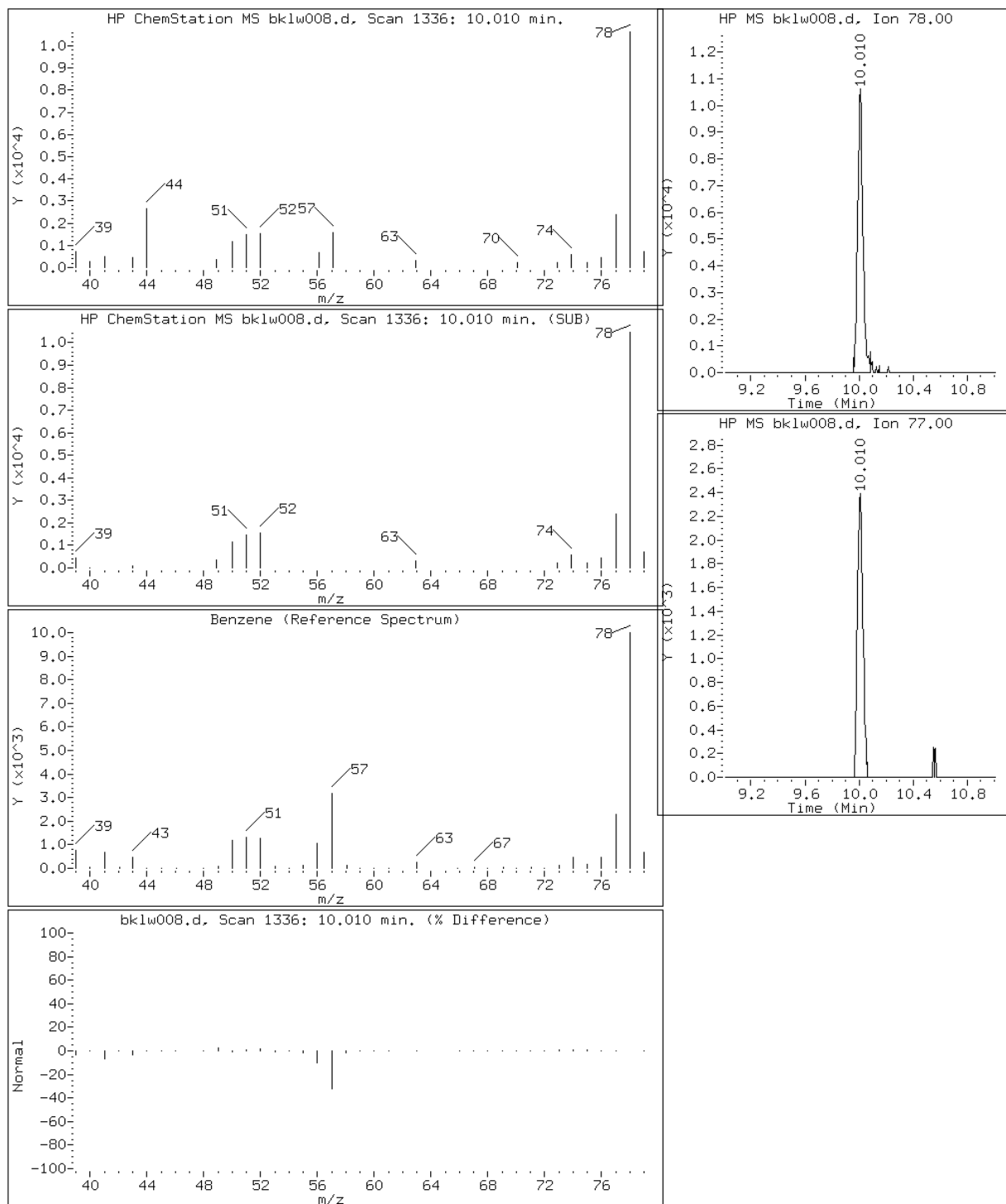
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

44 Benzene



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

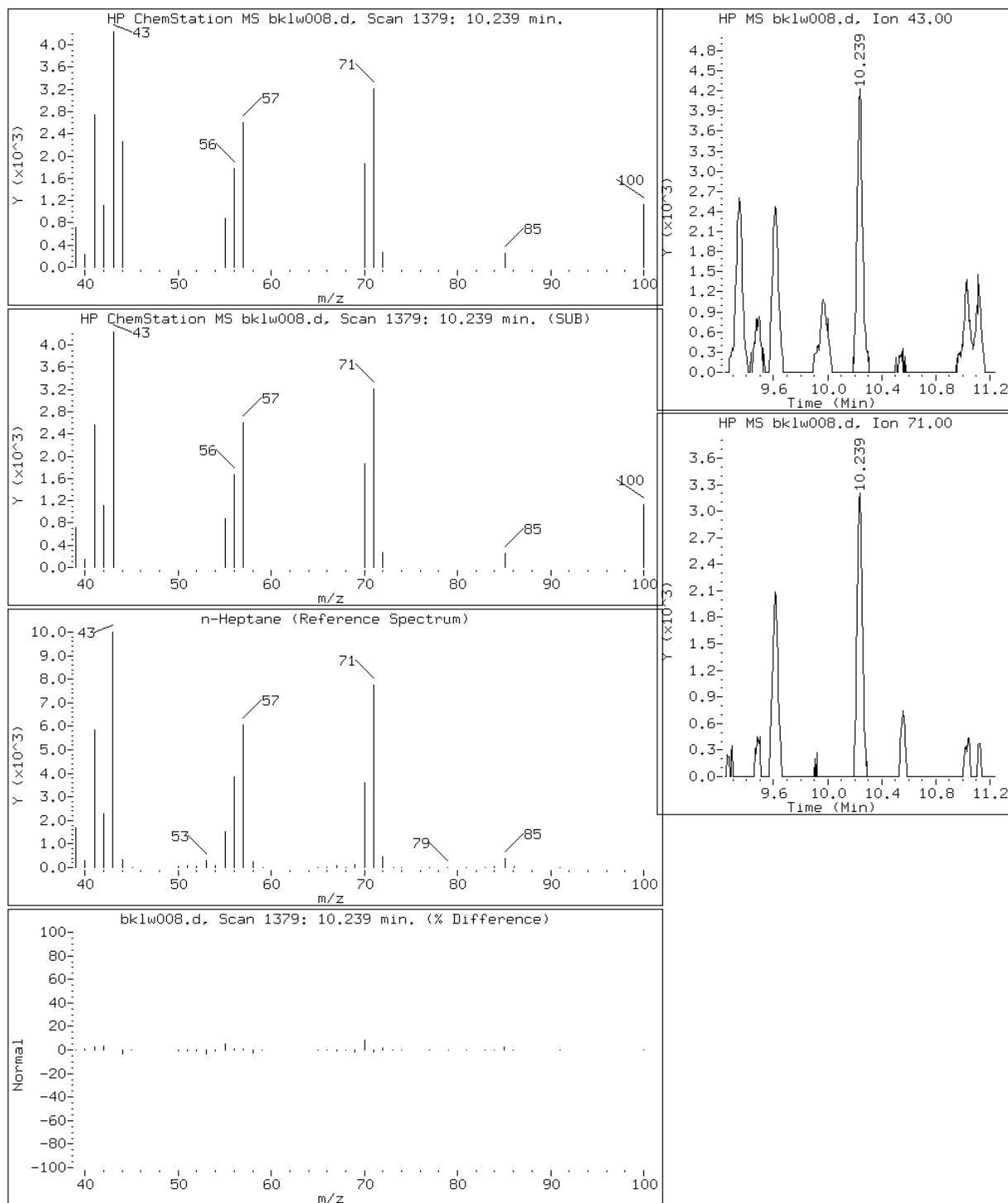
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

46 n-Heptane



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

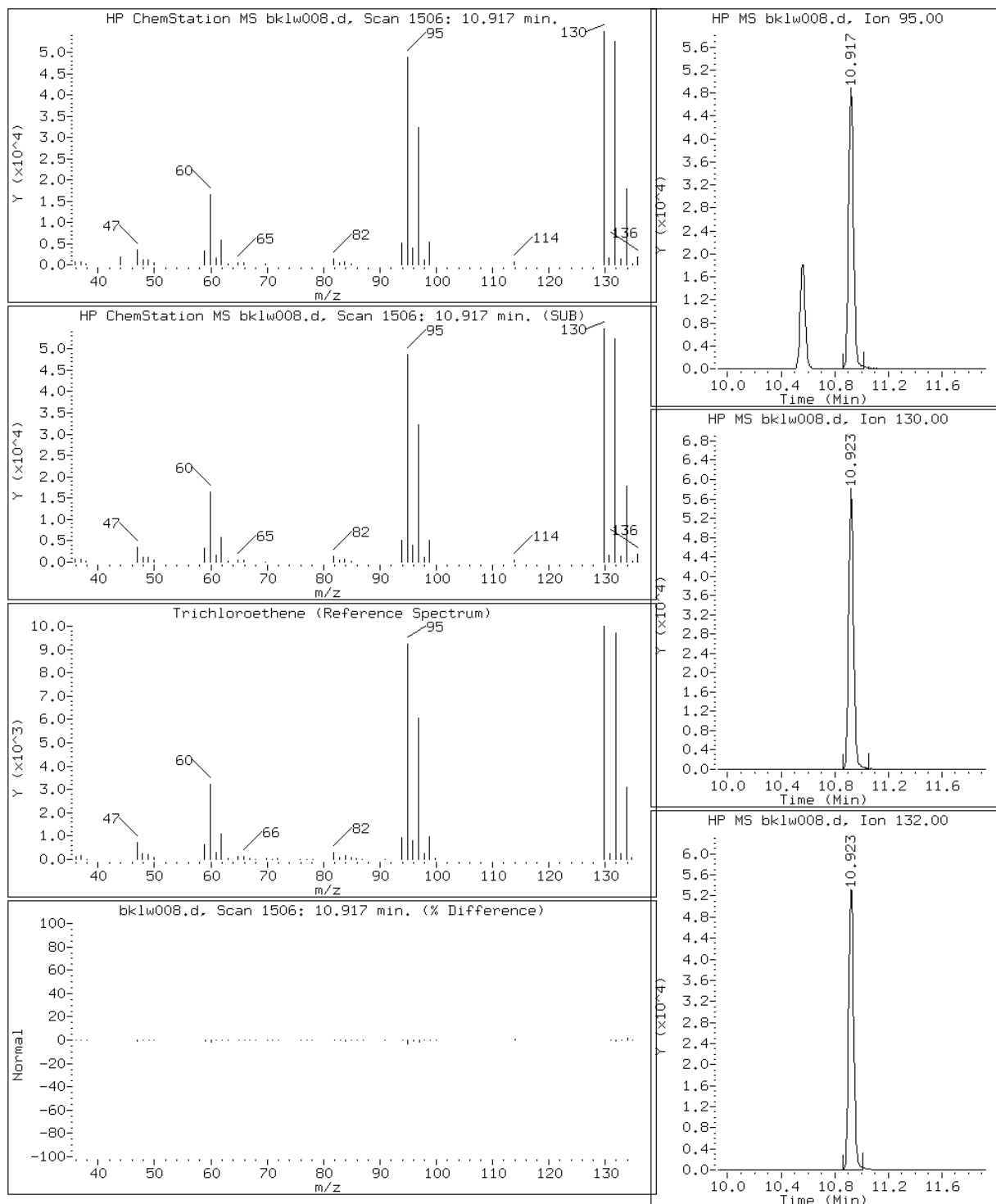
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

49 Trichloroethene



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

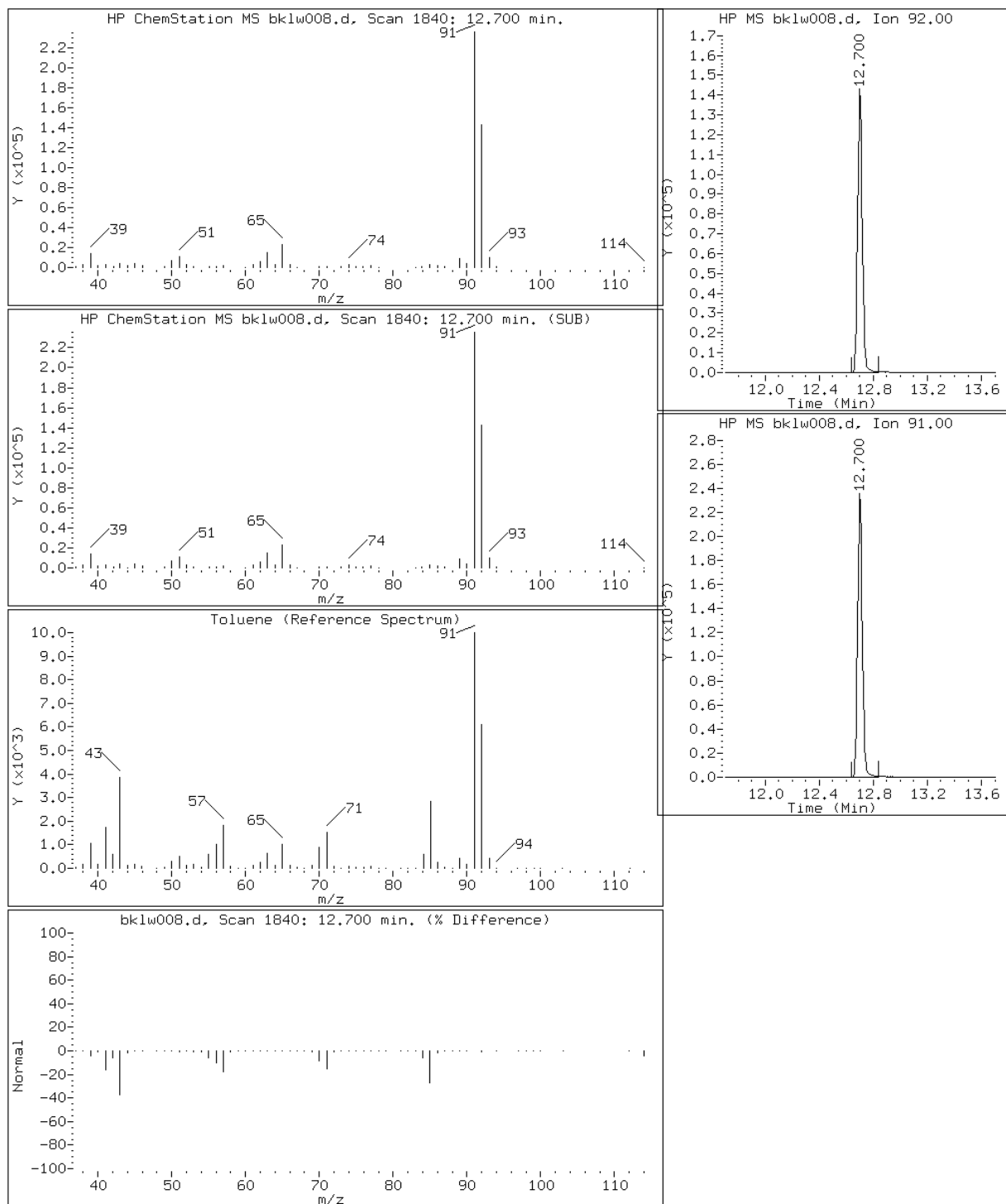
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

58 Toluene



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

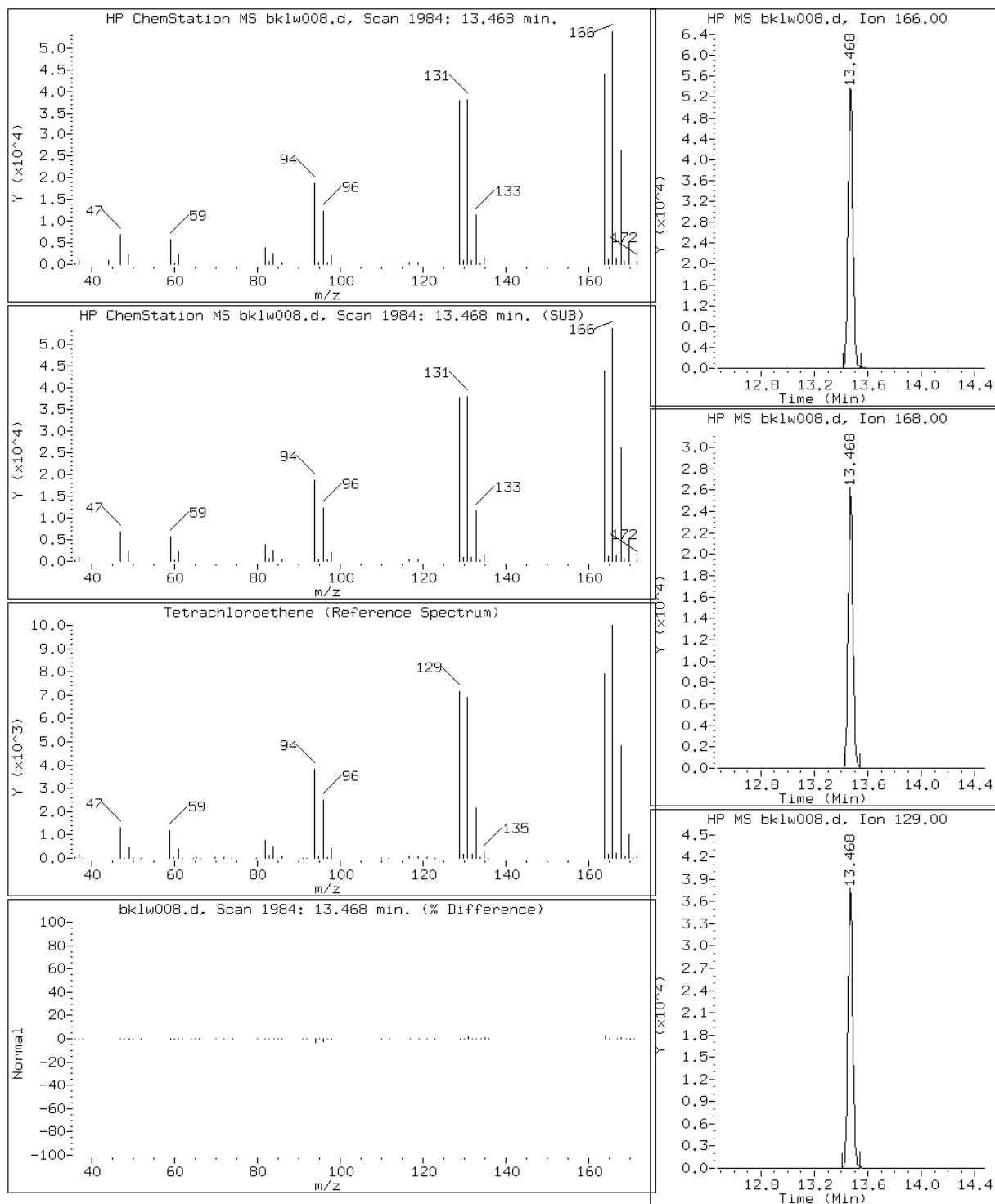
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

61 Tetrachloroethene



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

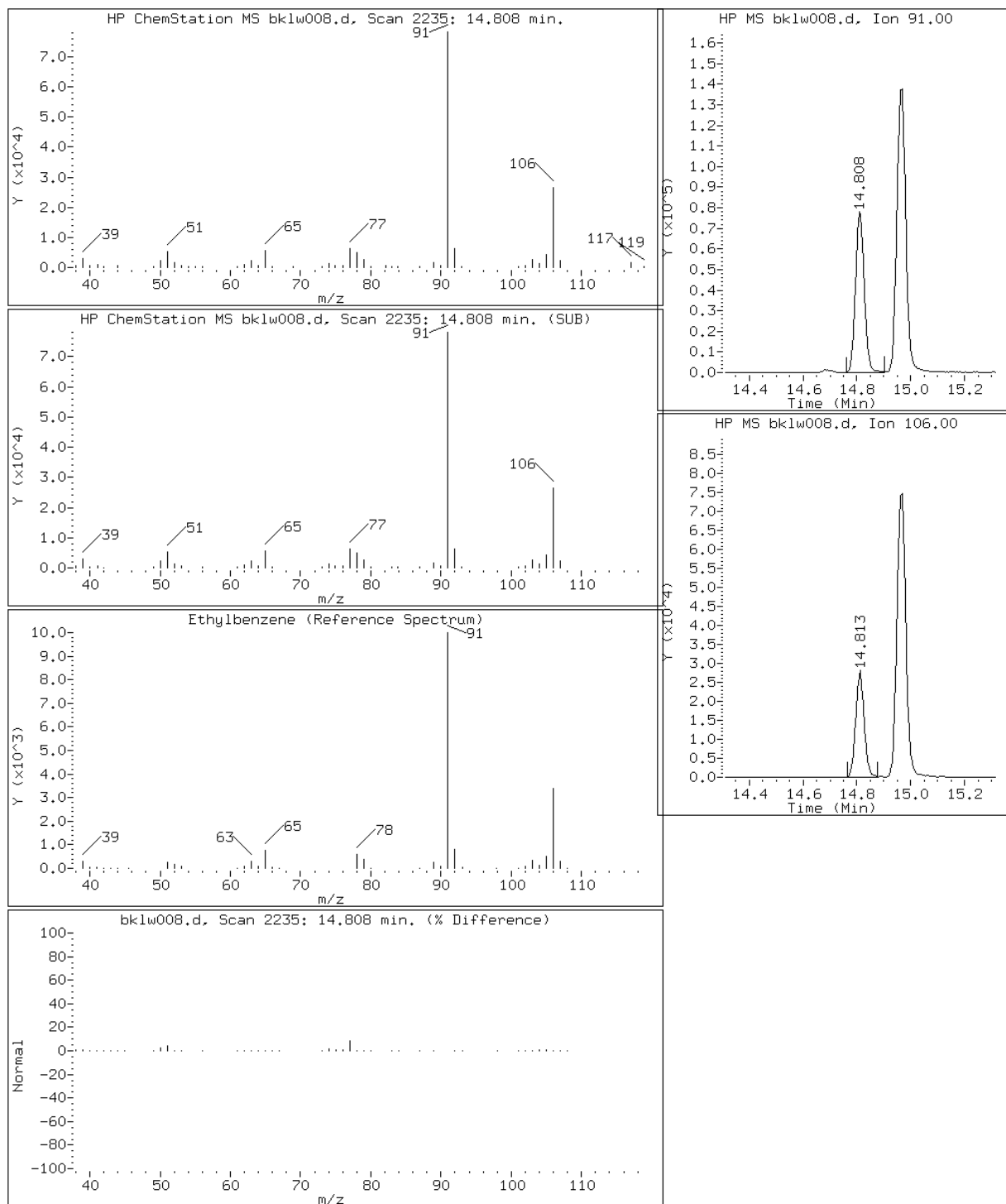
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

68 Ethylbenzene



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

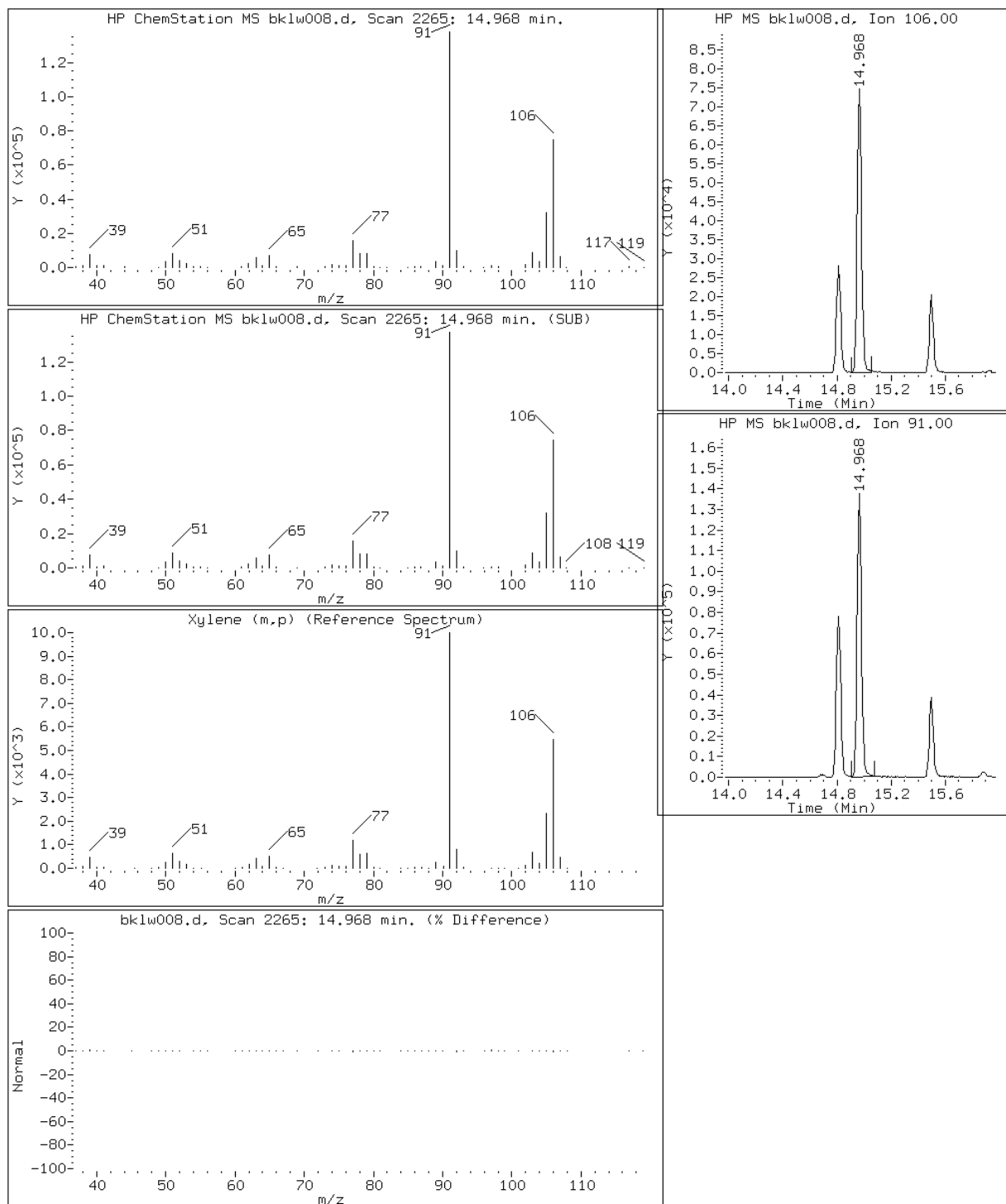
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

69 Xylene (m,p)



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

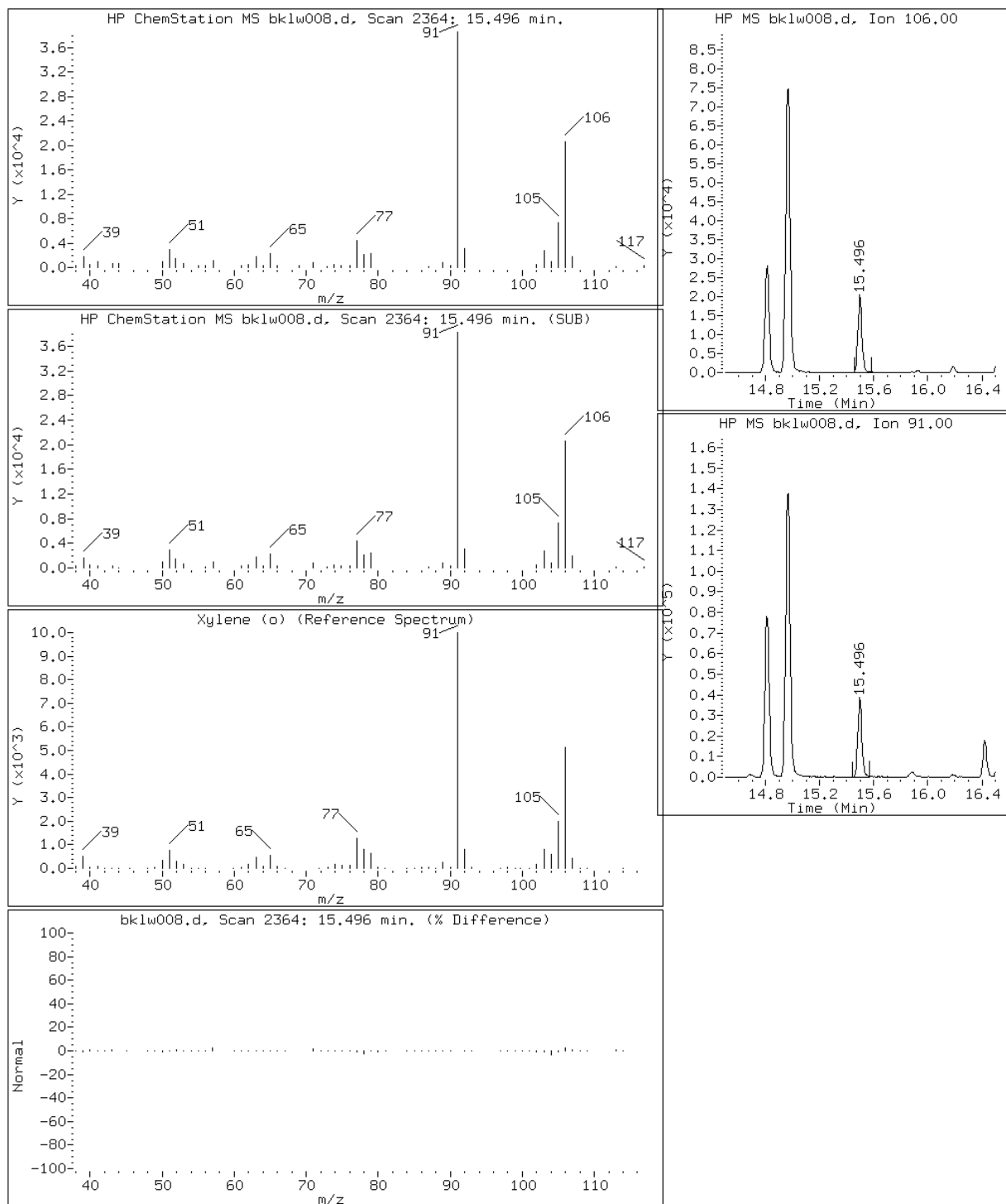
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

71 Xylene (o)



Data File: bklw008.d

Lab Sample ID: 200-9580-3

Date: 08-MAR-2012 16:11

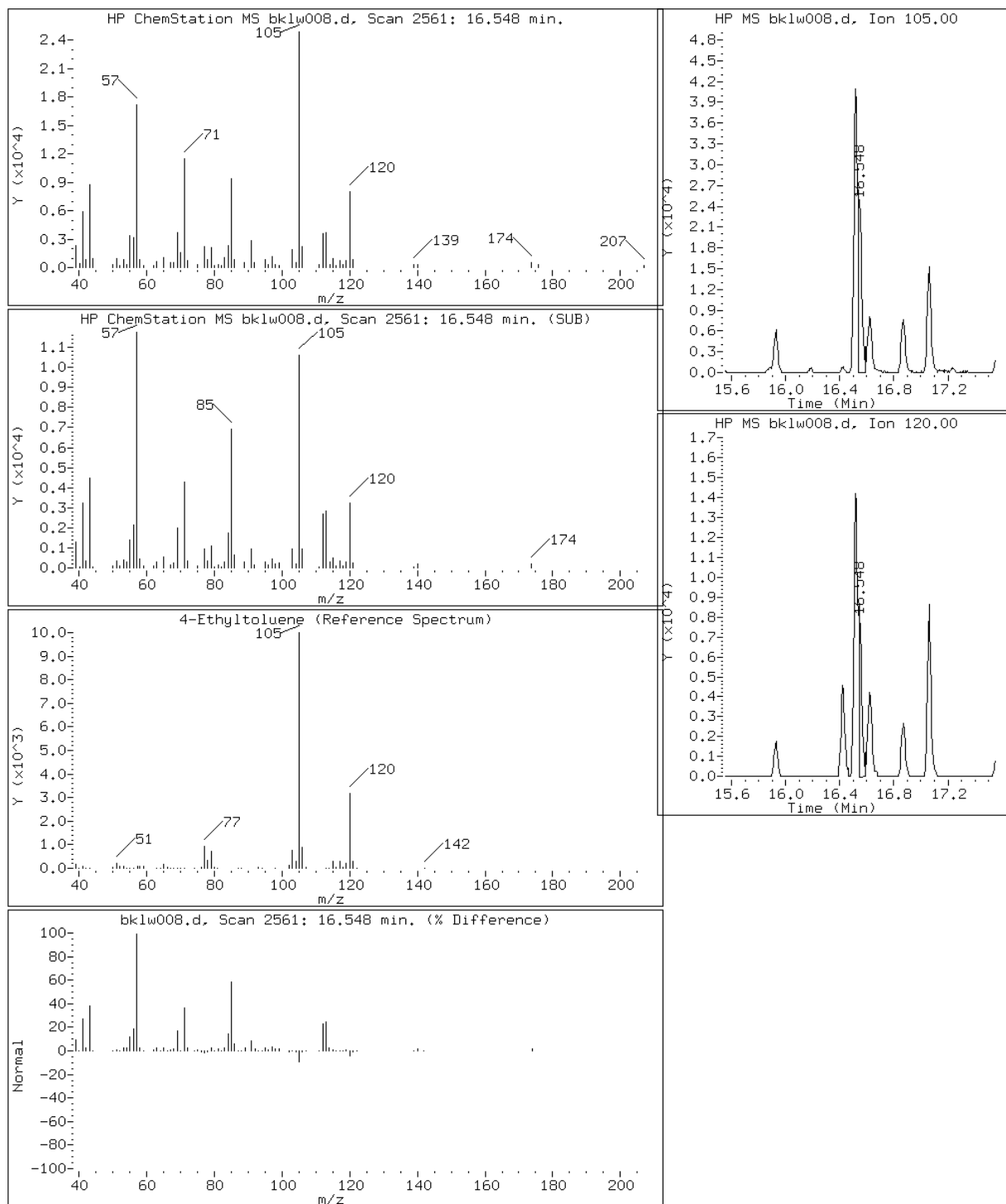
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-9580-A-3

Operator: wrd

79 4-Ethyltoluene

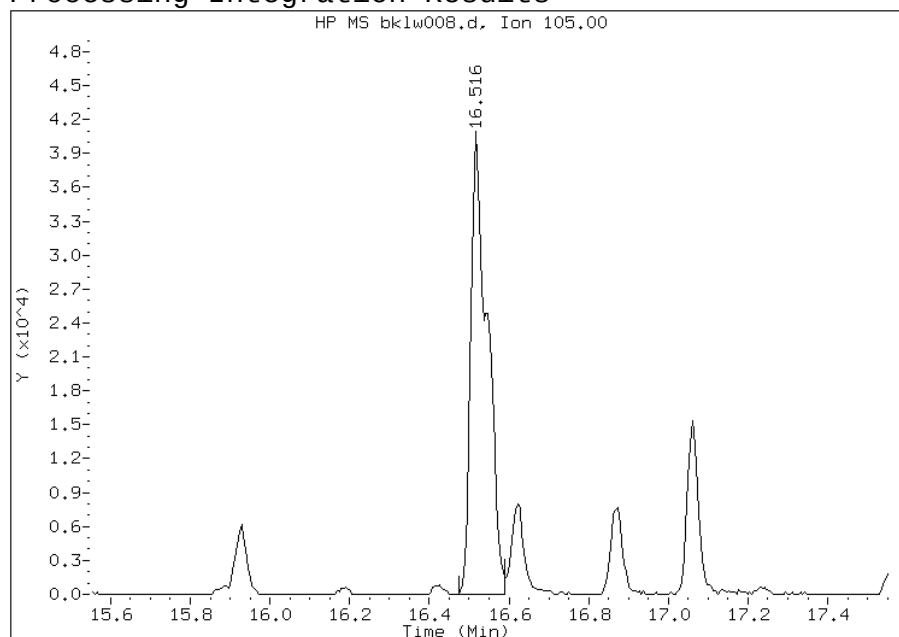


Manual Integration Report

Data File: bklw008.d
Lab Sample ID: 200-9580-3
Inj. Date and Time: 08-MAR-2012 16:11
Instrument ID: B.i
Client ID: SSV-2
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/09/2012

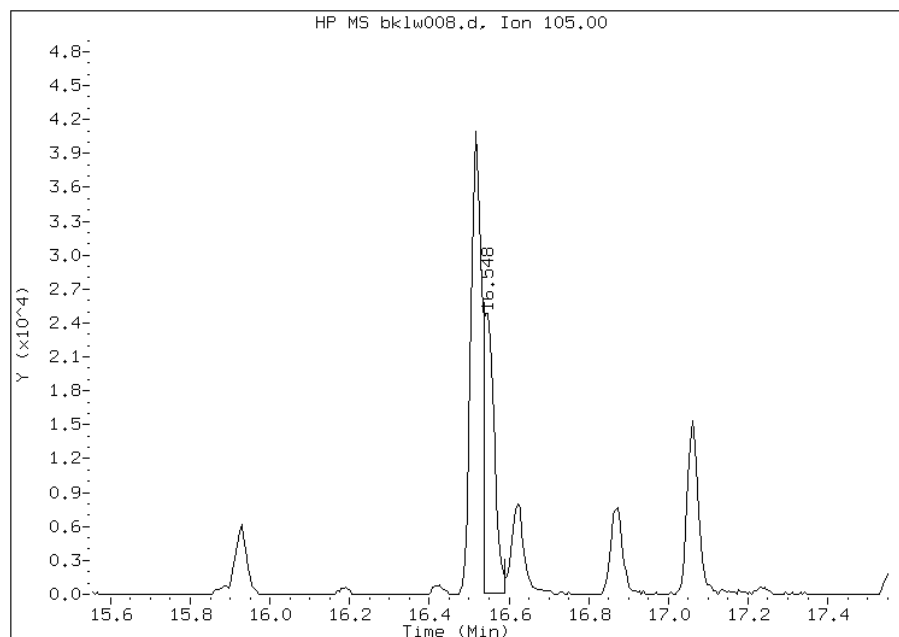
Processing Integration Results

RT: 16.52
Response: 119134
Amount: 0.499757
Conc: 0.499757



Manual Integration Results

RT: 16.55
Response: 46856
Amount: 0.196557
Conc: 0.196557



File Uploaded By: wrd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: SSV-3 Lab Sample ID: 200-9580-5
 Matrix: Air Lab File ID: bklw009.d
 Analysis Method: TO-15 Date Collected: 02/29/2012 17:00
 Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 17:03
 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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.0		0.50	0.038
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.032
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.016
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.87		0.20	0.034
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.030
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.013
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.28		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.035
156-59-2	cis-1,2-Dichloroethene	96.94	0.21		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.21		0.20	0.014
67-66-3	Chloroform	119.38	0.20		0.20	0.031
71-55-6	1,1,1-Trichloroethane	133.41	0.44		0.20	0.035
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.036
71-43-2	Benzene	78.11	0.23		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.36		0.20	0.010
79-01-6	Trichloroethene	131.39	5.0		0.20	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.014
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.016
108-88-3	Toluene	92.14	5.2		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.91		0.20	0.011
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: SSV-3 Lab Sample ID: 200-9580-5
Matrix: Air Lab File ID: bklw009.d
Analysis Method: TO-15 Date Collected: 02/29/2012 17:00
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 17:03
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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	1.8		0.20	0.022
179601-23-1	m,p-Xylene	106.17	6.4		0.50	0.048
95-47-6	Xylene, o-	106.17	2.2		0.20	0.022
1330-20-7	Xylene (total)	106.17	8.6		0.20	0.022
75-25-2	Bromoform	252.75	0.20	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.040
622-96-8	4-Ethyltoluene	120.20	1.3		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.89		0.20	0.051

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: SSV-3 Lab Sample ID: 200-9580-5
 Matrix: Air Lab File ID: bklw009.d
 Analysis Method: TO-15 Date Collected: 02/29/2012 17:00
 Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 17:03
 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.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.0		2.5	0.19
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.22
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.047
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.042
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	4.9		1.1	0.19
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.12
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.045
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.98		0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.83		0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.83		0.79	0.056
67-66-3	Chloroform	119.38	0.97		0.98	0.15
71-55-6	1,1,1-Trichloroethane	133.41	2.4		1.1	0.19
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.17
71-43-2	Benzene	78.11	0.73		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.13
142-82-5	n-Heptane	100.21	1.5		0.82	0.041
79-01-6	Trichloroethene	131.39	27		1.1	0.16
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.065
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.073
108-88-3	Toluene	92.14	20		0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	6.1		1.4	0.075
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.14

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: SSV-3 Lab Sample ID: 200-9580-5
Matrix: Air Lab File ID: bklw009.d
Analysis Method: TO-15 Date Collected: 02/29/2012 17:00
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 17:03
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.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	7.7		0.87	0.096
179601-23-1	m,p-Xylene	106.17	28		2.2	0.21
95-47-6	Xylene, o-	106.17	9.5		0.87	0.096
1330-20-7	Xylene (total)	106.17	37		0.87	0.096
75-25-2	Bromoform	252.75	2.1	U	2.1	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.27
622-96-8	4-Ethyltoluene	120.20	6.5		0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	4.4		0.98	0.25

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9580-5
Client Smp ID: SSV-3
Inj Date : 08-MAR-2012 17:03
Operator : wrd
Smp Info : 200-9580-A-5
Misc Info : 200,1,to15ll+mec12
Comment :
Method : /chem/B.i/Bsvr.p/bklwto15.b/to15v5.m
Meth Date : 09-Mar-2012 12:21 wrd
Cal Date : 30-JAN-2012 22:31
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bkl009.d
Compound Sublist: T015LL+MeCl.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	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.034	3.035	(0.332)	56363	1.00600	1.0	
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	4.758	4.764	(0.520)	70264	0.87038	0.87	
19 1,1-Dichloroethene	96	Compound Not Detected.						
23 Allyl chloride	41	Compound Not Detected.						
25 Methylene chloride	49	6.754	6.760	(0.738)	5801	0.22565	0.23(a)	
27 Methyl tert-butyl ether	73	Compound Not Detected.						
28 1,2-Dichloroethene (trans)	61	Compound Not Detected.						
30 n-Hexane	57	7.485	7.491	(0.818)	12536	0.27685	0.28	
31 1,1-Dichloroethane	63	Compound Not Detected.						

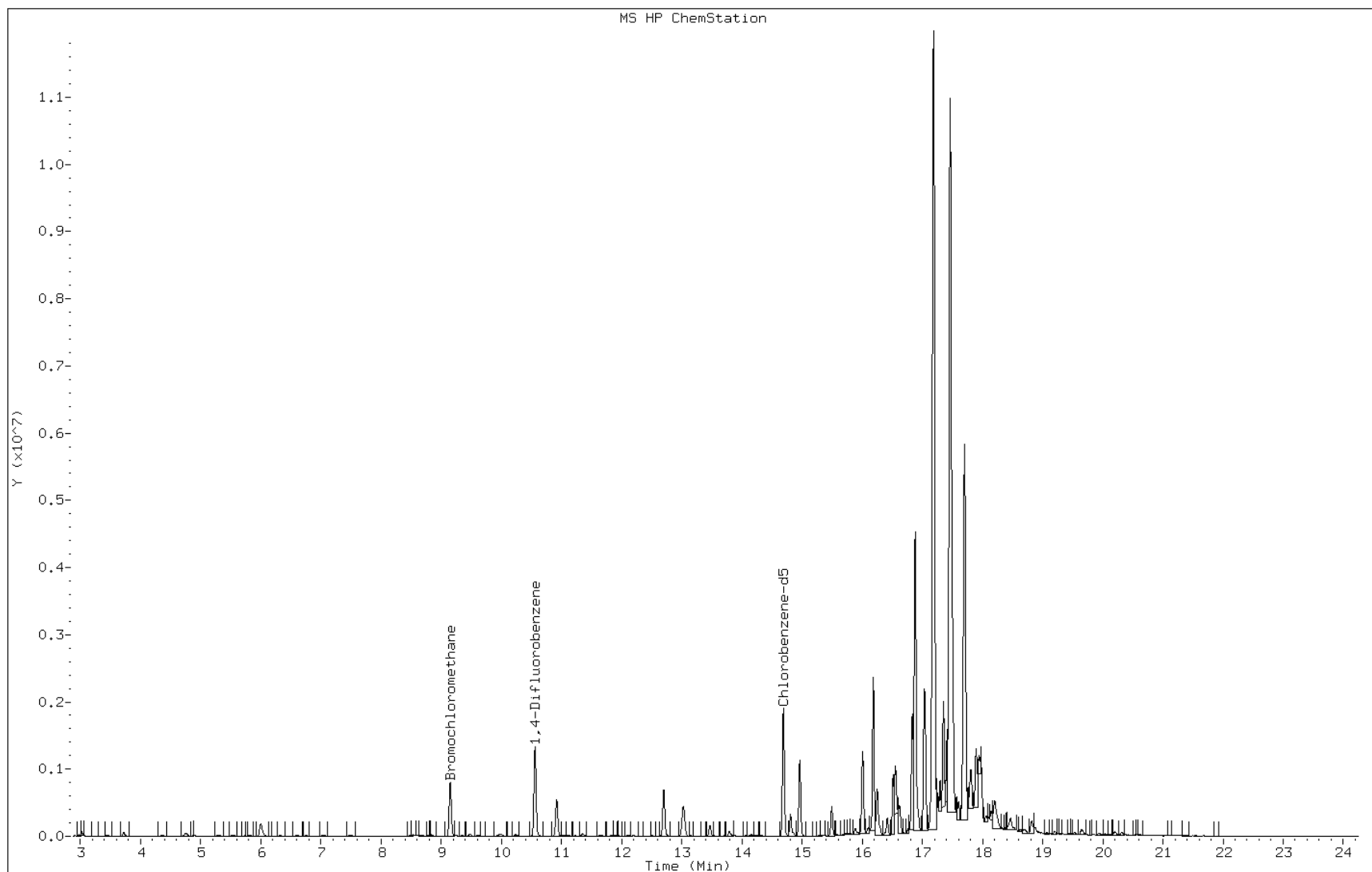
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
M 33 1,2-Dichloroethene, Total	61				8354	0.20905	0.21
34 1,2-Dichloroethene (cis)	96	8.793	8.793	(0.961)	8354	0.20905	0.21
* 37 Bromochloromethane	128	9.150	9.156	(1.000)	369634	10.0000	
39 Chloroform	83	9.230	9.241	(1.009)	13443	0.19809	0.20
40 Cyclohexane	84	9.481	9.492	(0.898)	3348	0.06575	0.066(aQ)
41 1,1,1-Trichloroethane	97	9.476	9.482	(0.897)	30717	0.44313	0.44
42 Carbon tetrachloride	117	9.679	9.684	(0.917)	5369	0.07345	0.073(a)
43 2,2,4-Trimethylpentane	57	9.967	9.978	(0.944)	25806	0.19390	0.19(aQ)
44 Benzene	78	10.009	10.010	(0.948)	24577	0.22743	0.23
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	10.239	10.239	(0.970)	14893	0.36293	0.36
* 47 1,4-Difluorobenzene	114	10.559	10.570	(1.000)	1685886	10.0000	
49 Trichloroethene	95	10.922	10.928	(1.034)	247037	4.95472	5.0
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	12.699	12.705	(0.864)	436405	5.18363	5.2
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	13.473	13.474	(0.917)	72703	0.90515	0.91
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	14.690	14.696	(1.000)	1530908	10.0000	
68 Ethylbenzene	91	14.813	14.813	(1.008)	317593	1.77390	1.8
69 Xylene (m,p)	106	14.962	14.973	(1.019)	492245	6.38929	6.4
M 70 Xylenes, Total	106				658288	8.57987	8.6
71 Xylene (o)	106	15.496	15.502	(1.055)	166043	2.19059	2.2
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	16.547	16.553	(1.126)	284821	1.31960	1.3(M)
81 1,3,5-Trimethylbenzene	105	16.622	16.622	(1.131)	159603	0.89414	0.89

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: bklw009.d
Client ID: SSV-3
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9580-A-5
Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

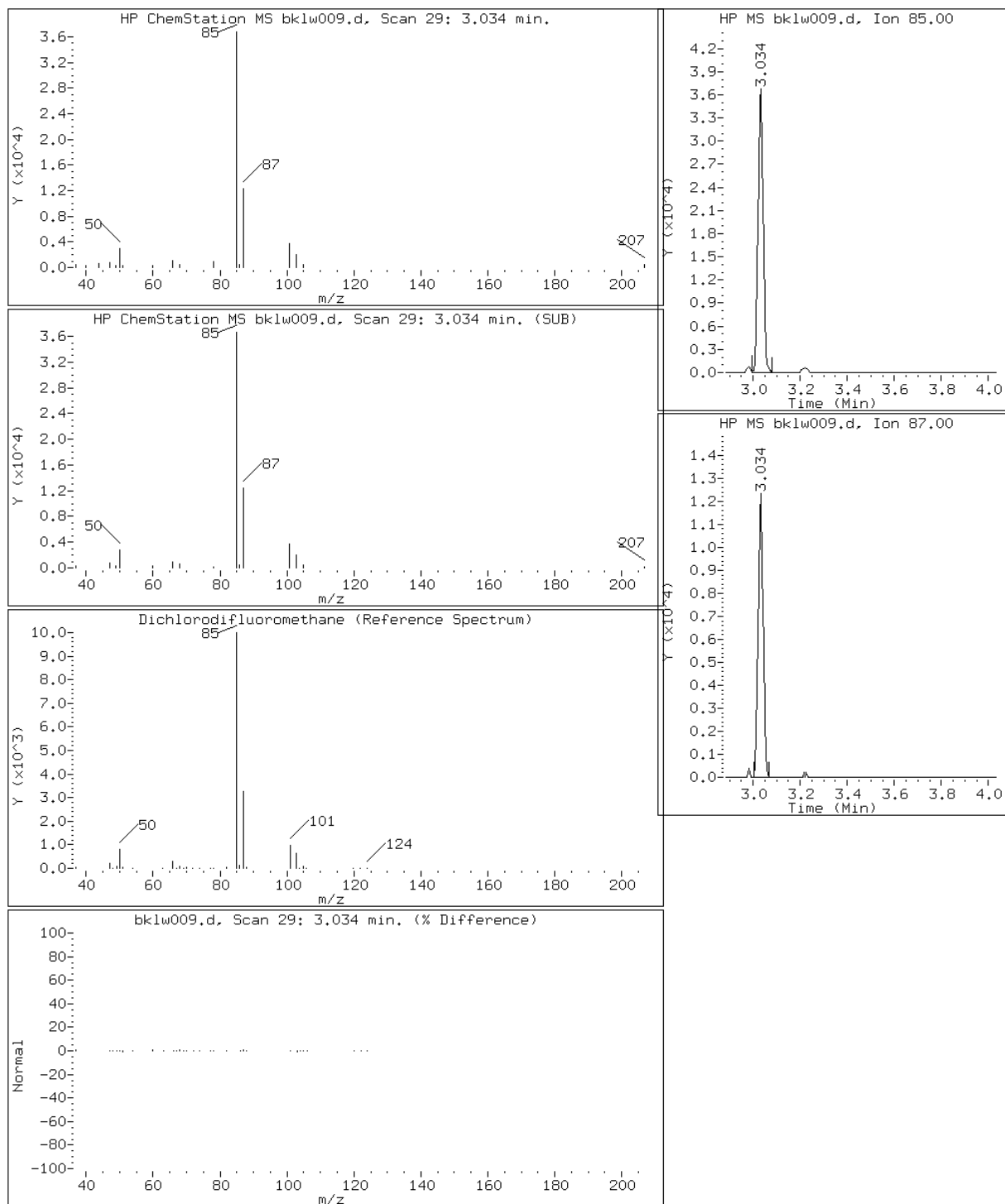
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

2 Dichlorodifluoromethane



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

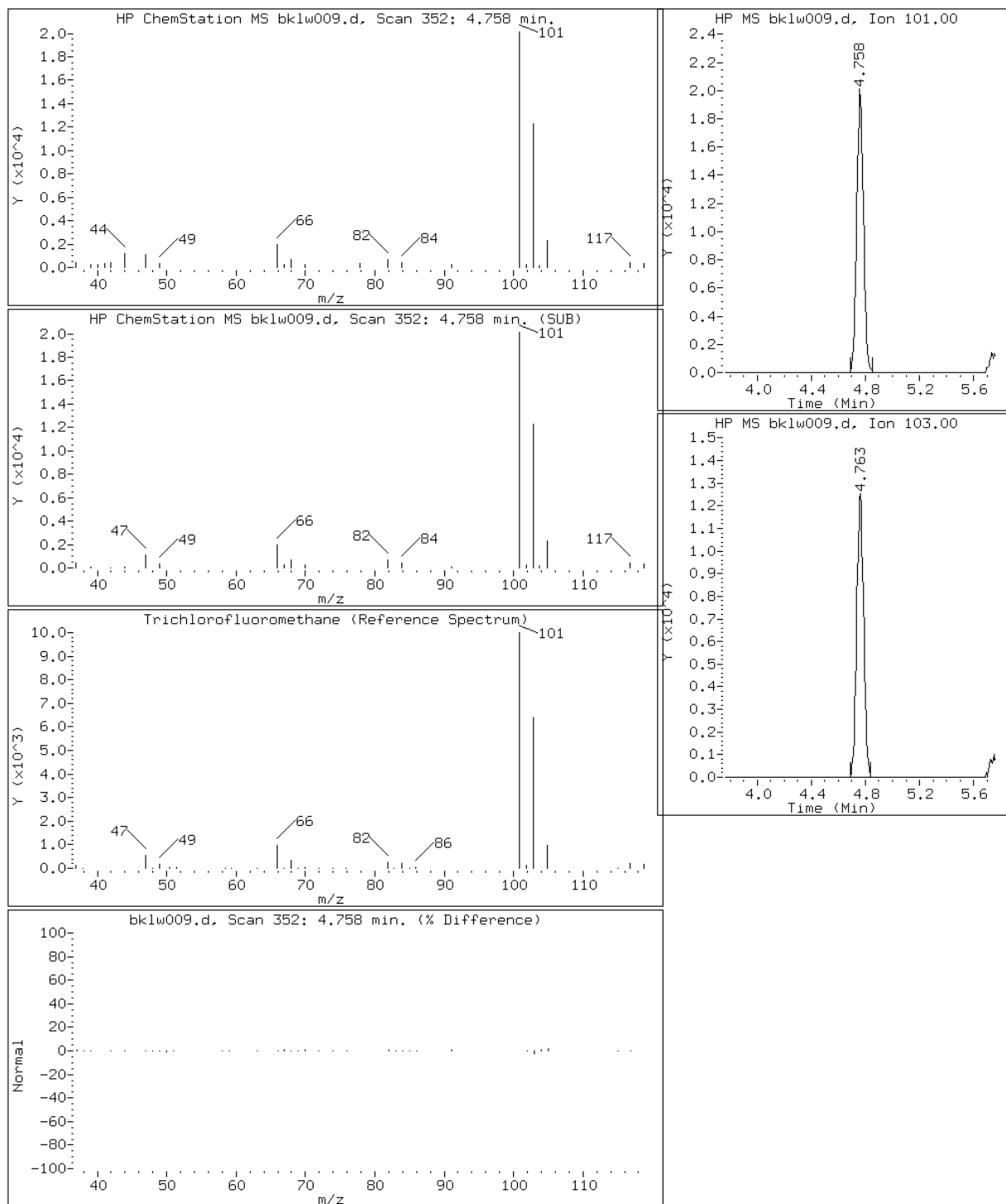
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

13 Trichlorofluoromethane



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

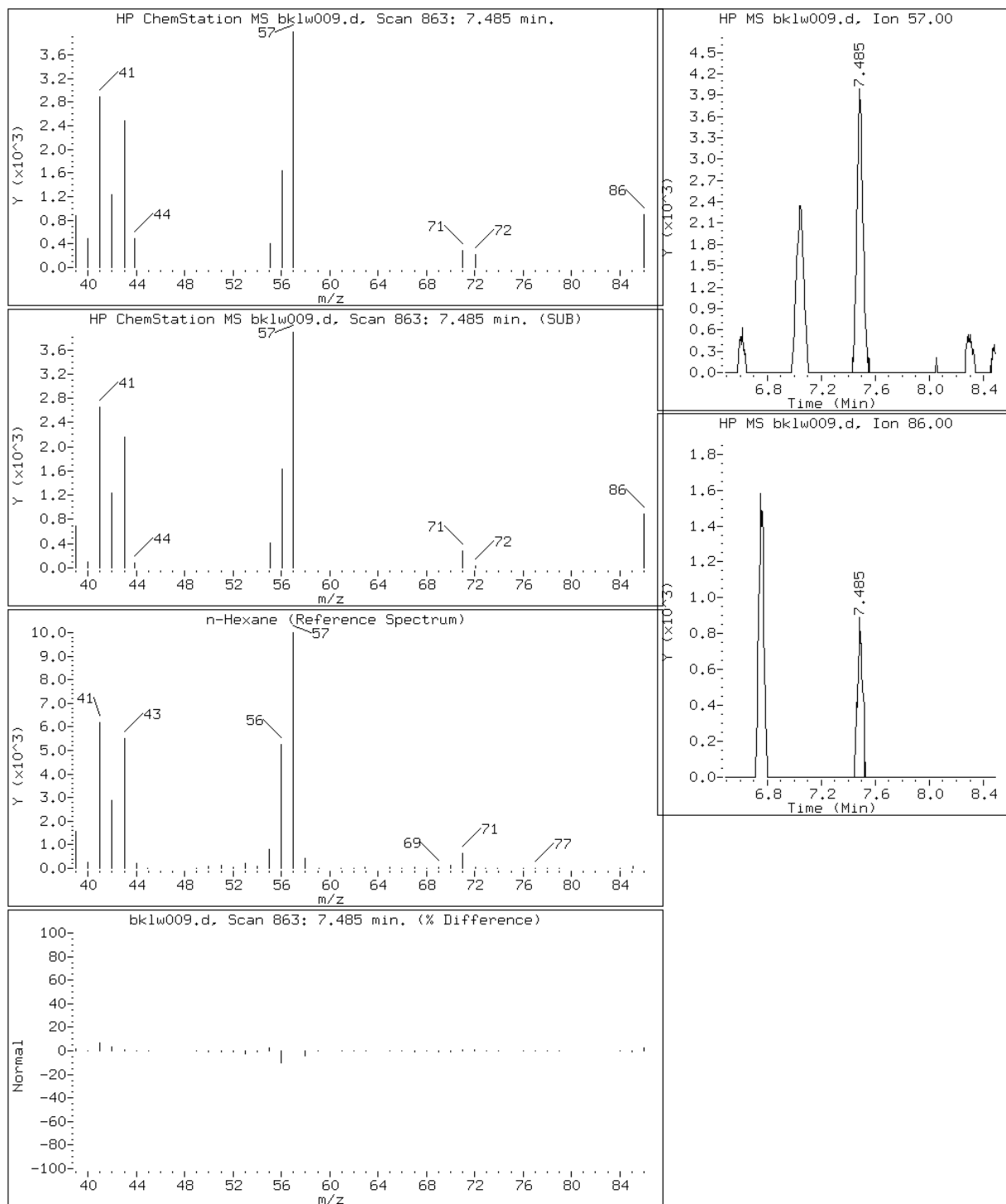
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

30 n-Hexane



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

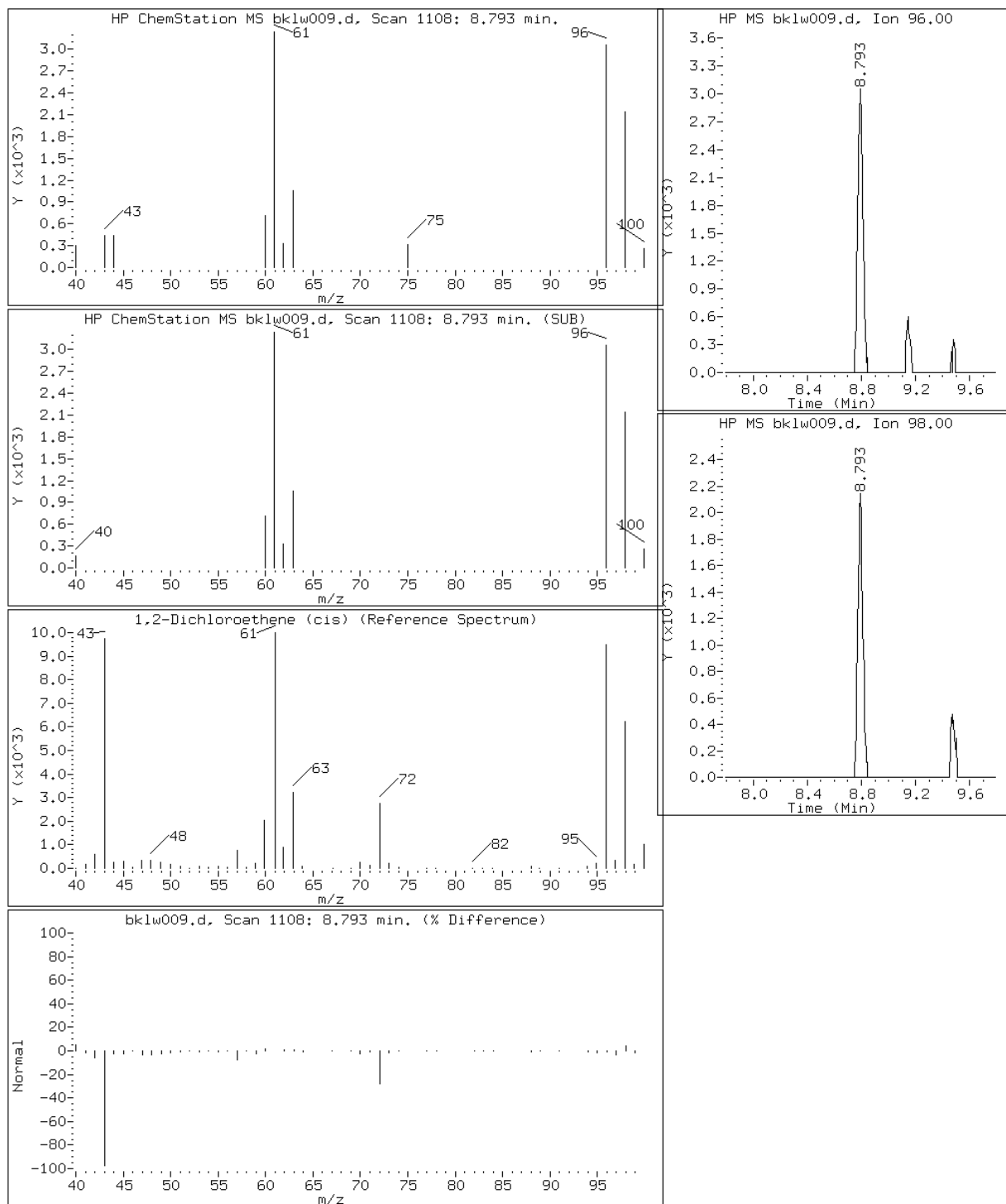
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

34 1,2-Dichloroethene (cis)



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

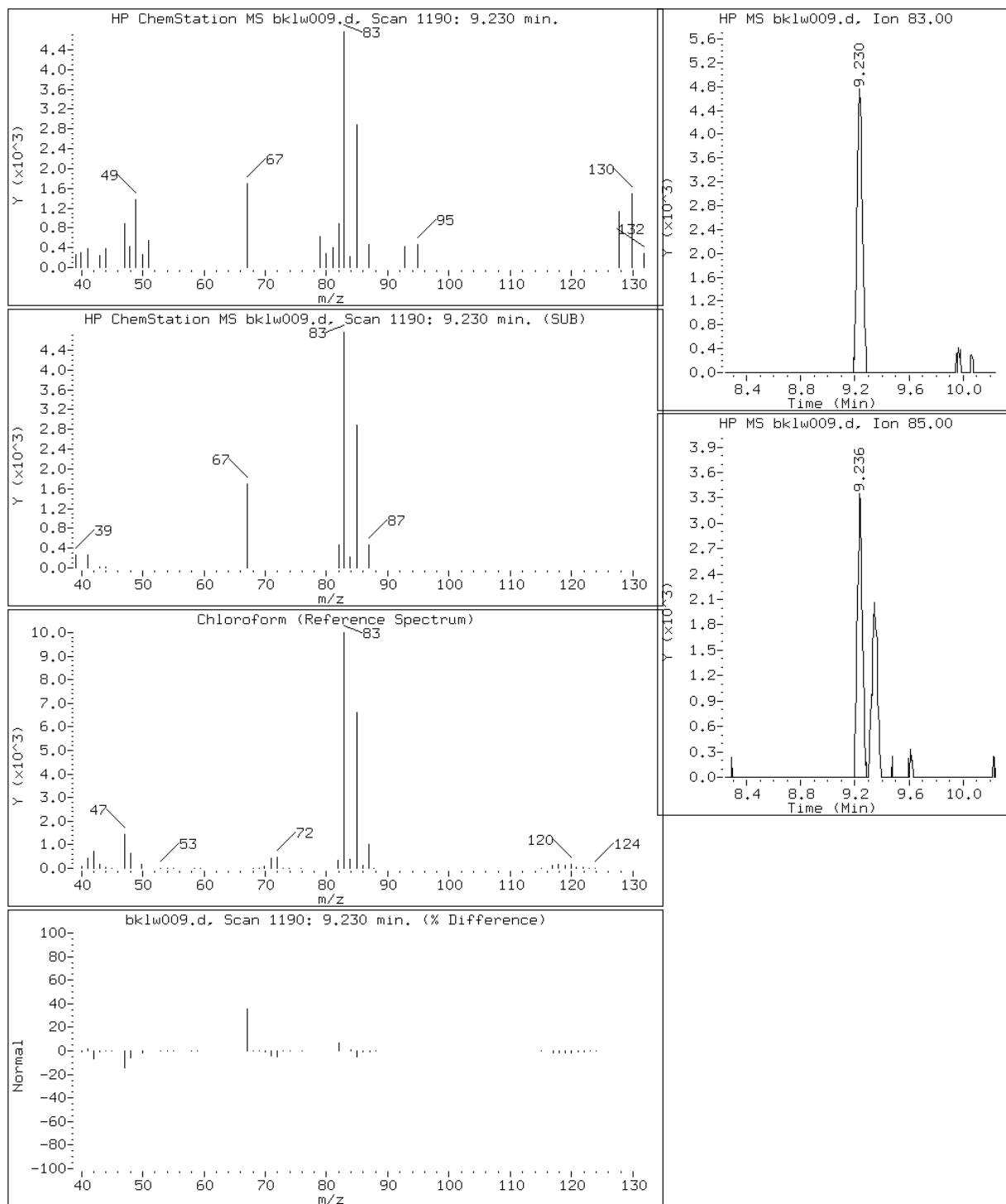
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

39 Chloroform



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

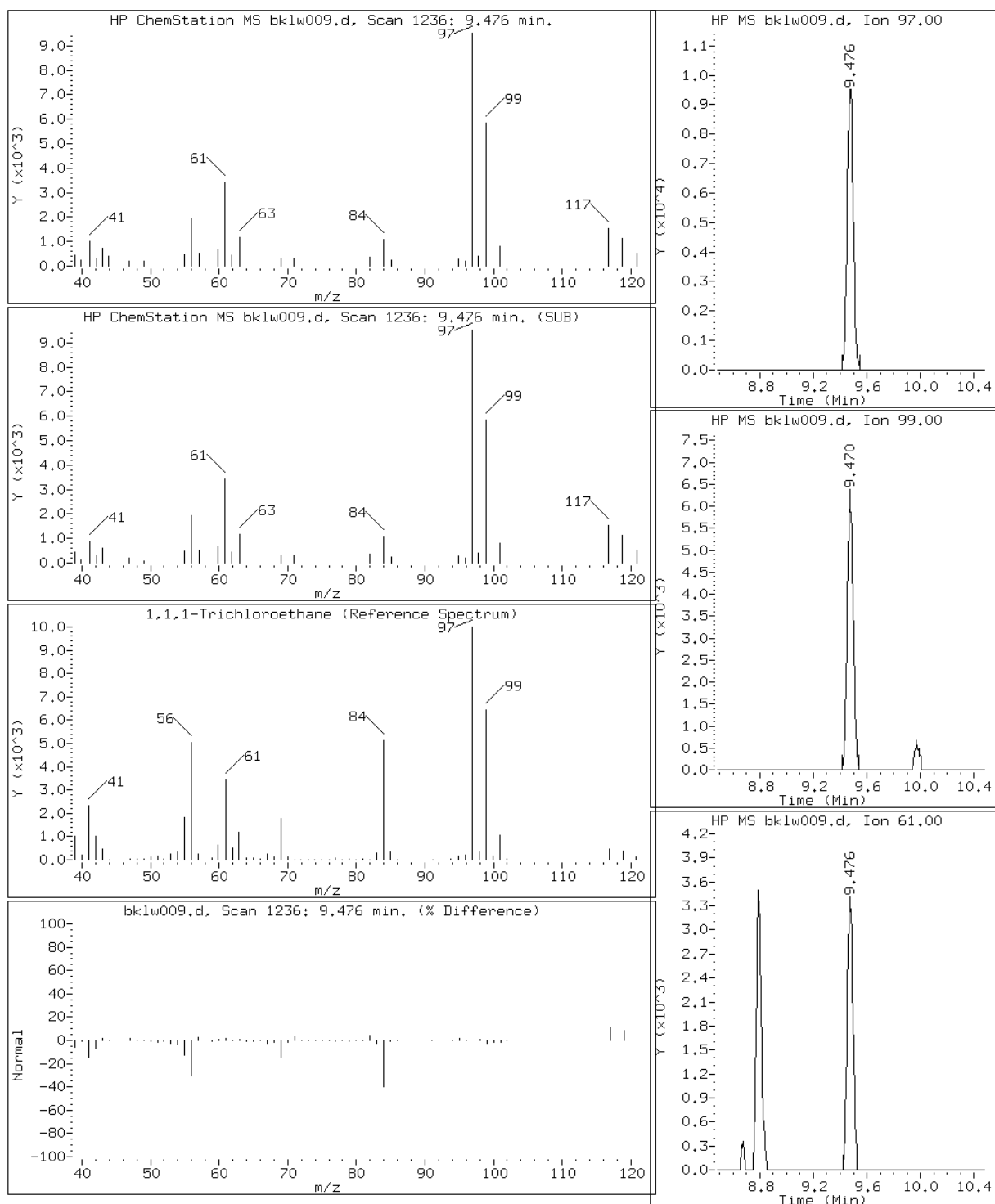
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

41 1,1,1-Trichloroethane



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

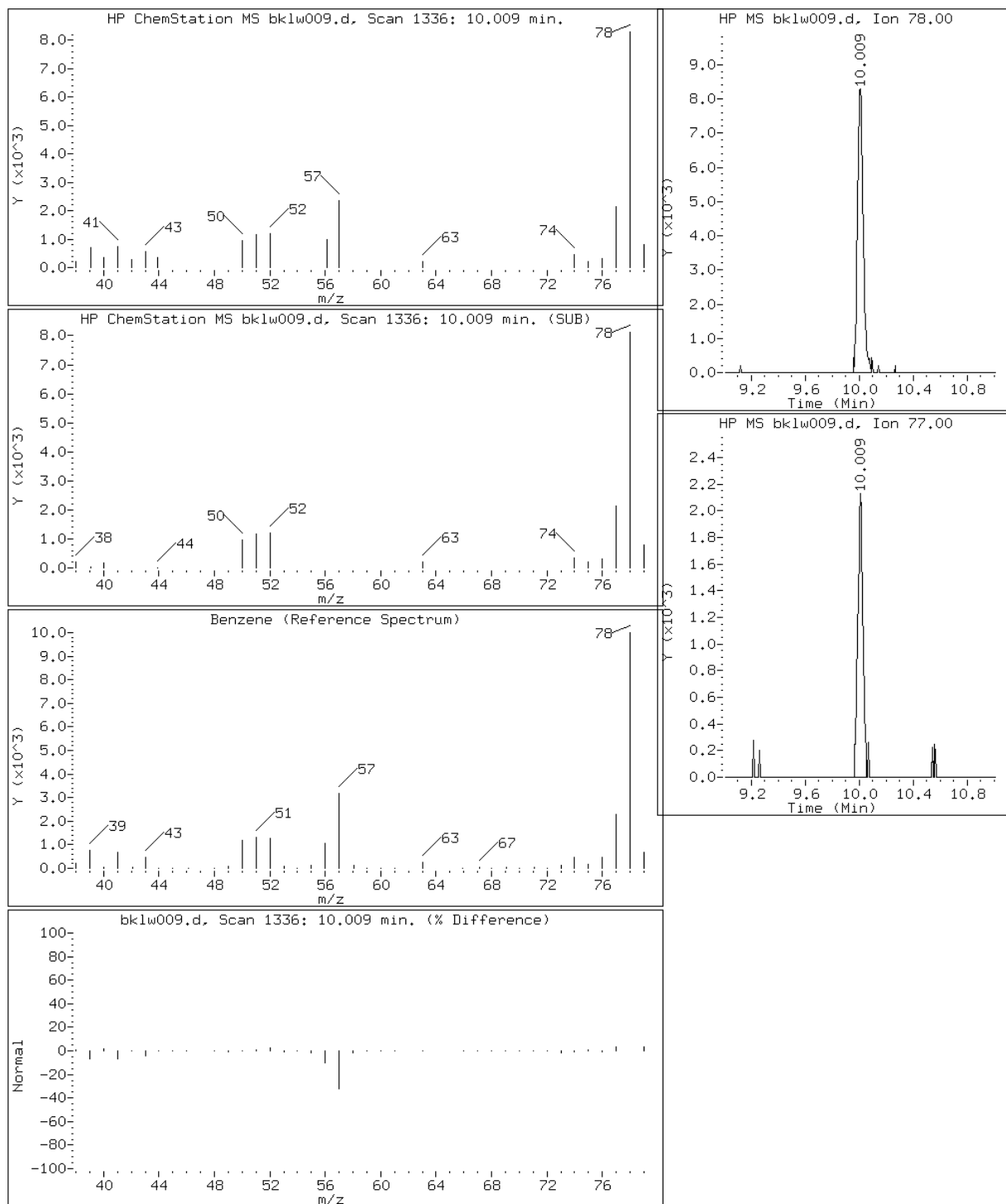
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

44 Benzene



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

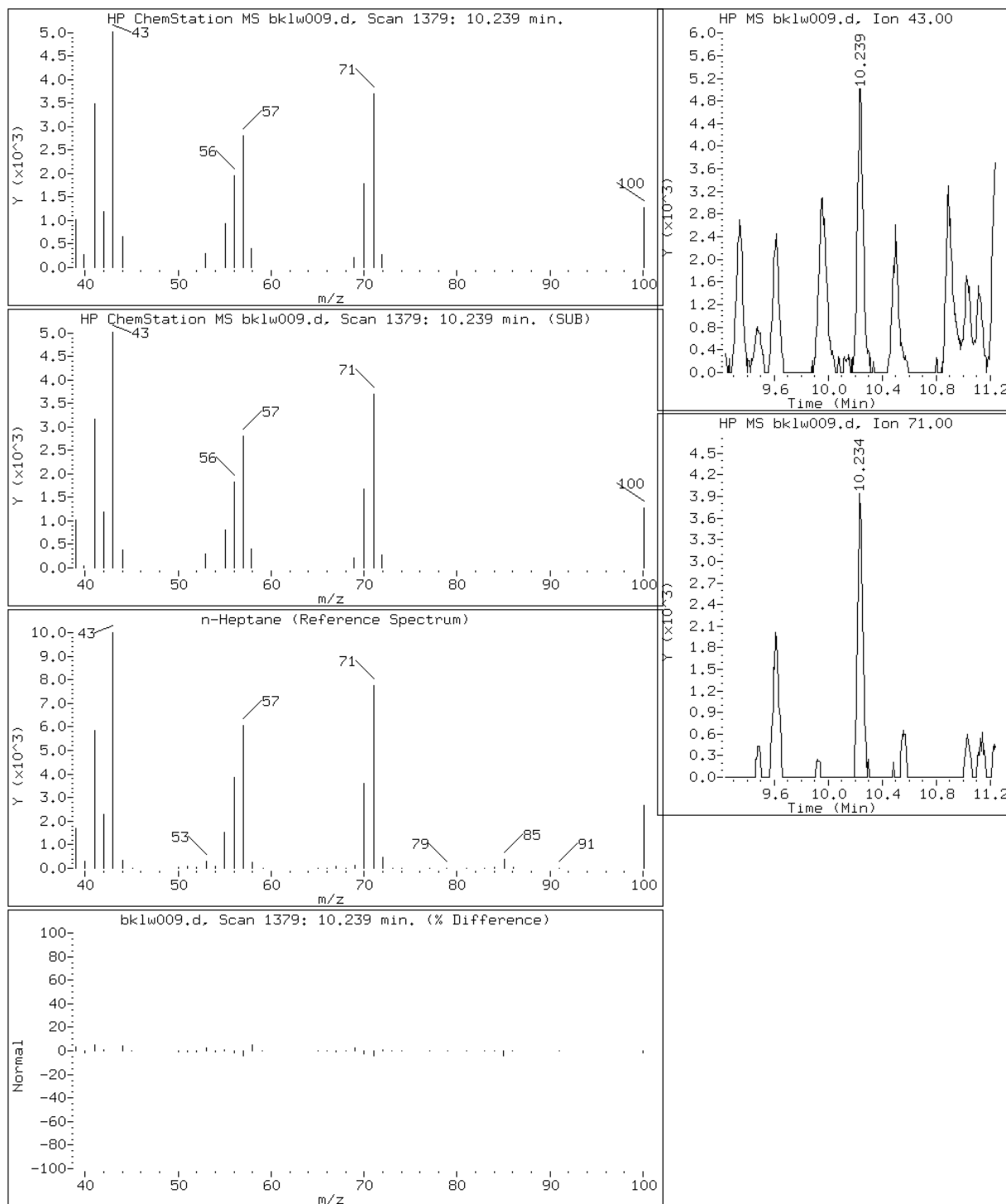
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

46 n-Heptane



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

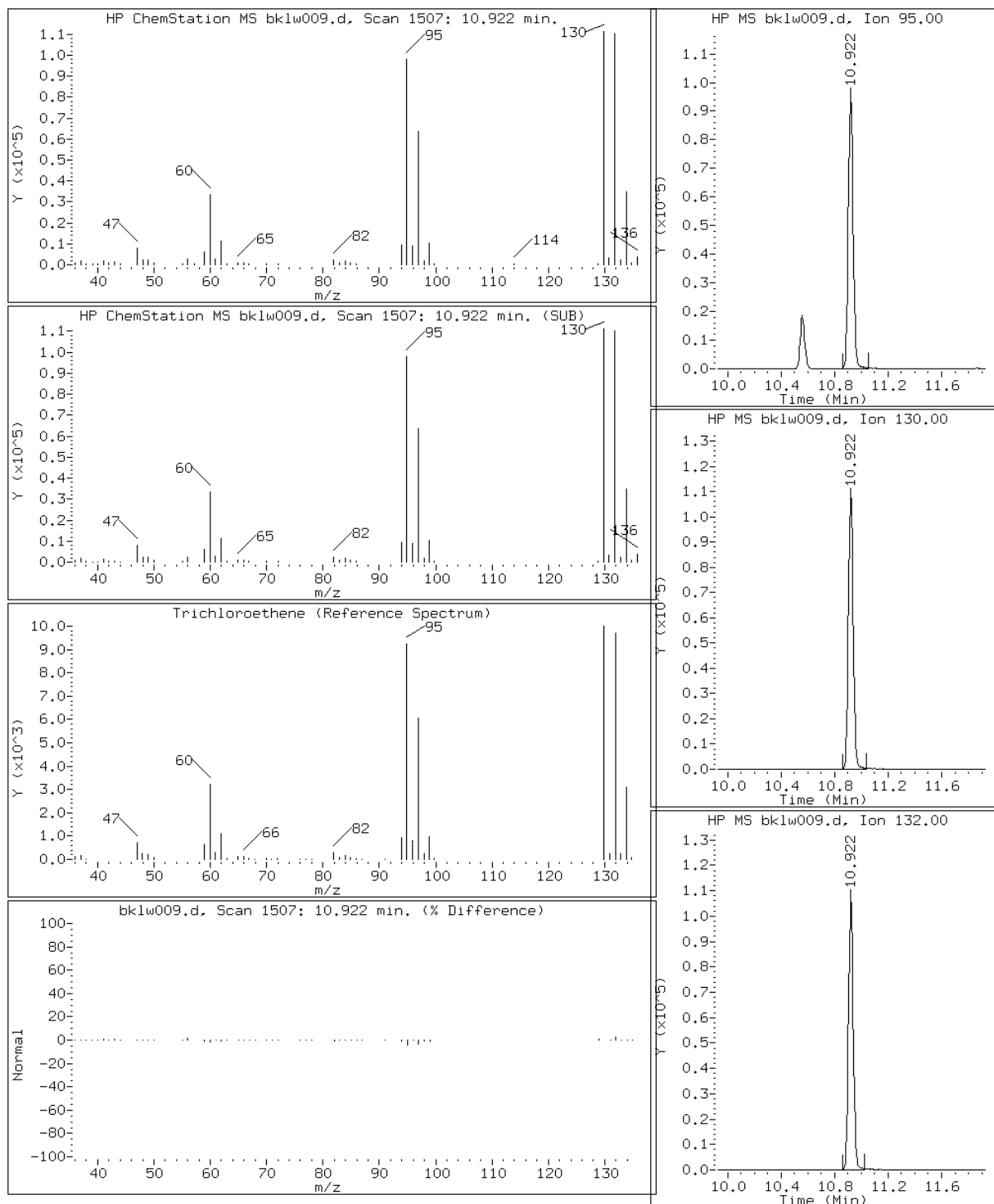
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

49 Trichloroethene



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

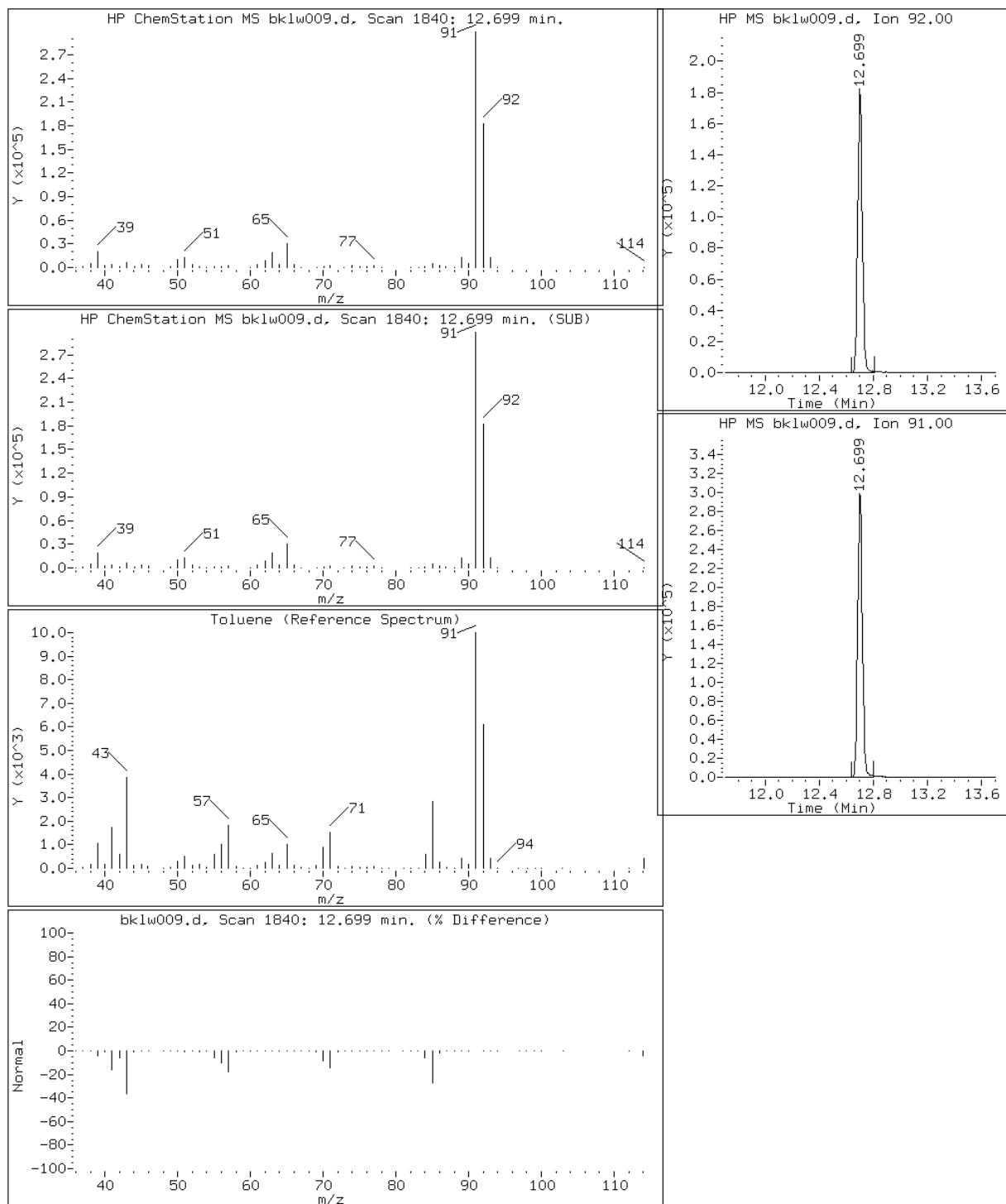
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

58 Toluene



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

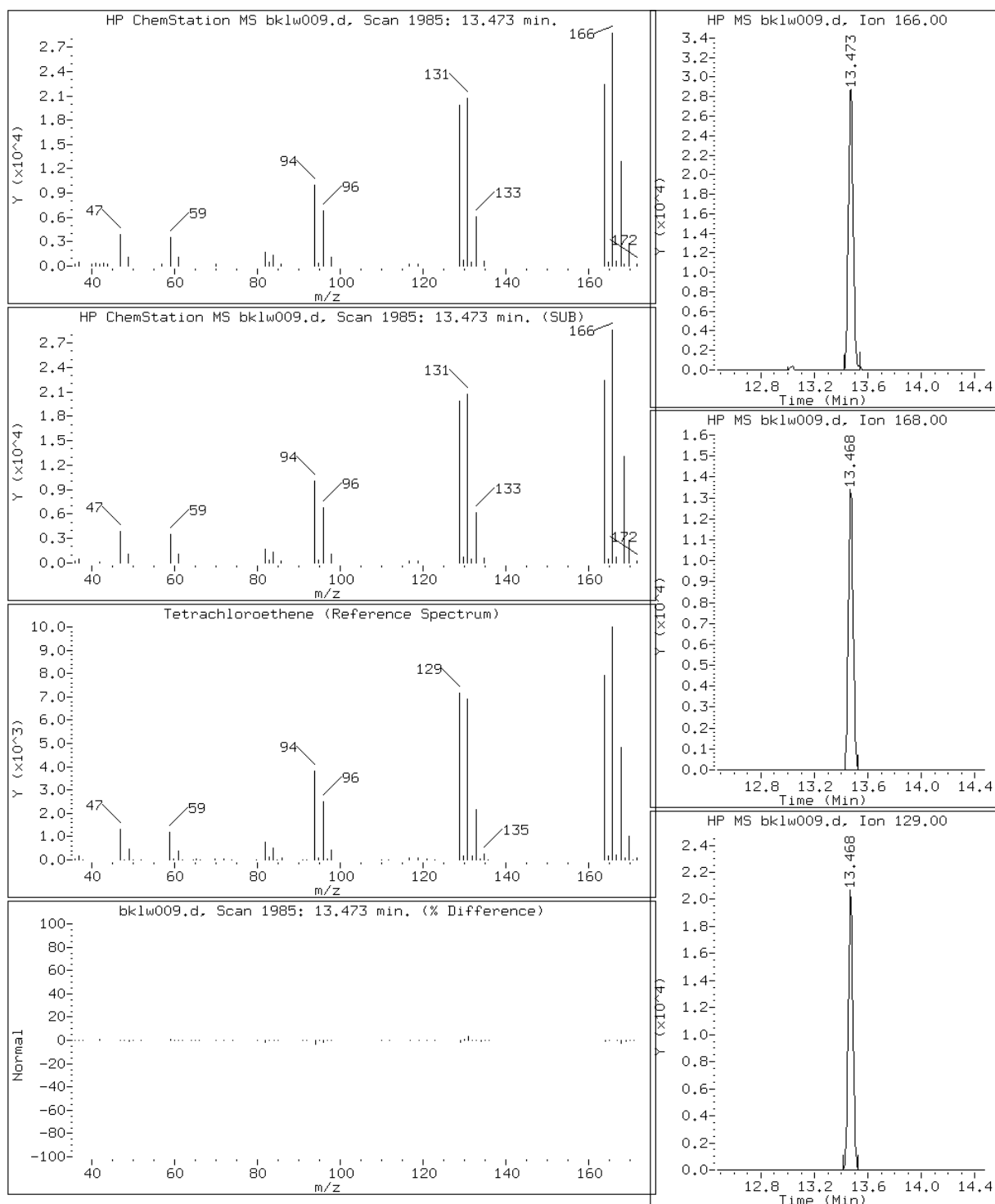
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

61 Tetrachloroethene



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

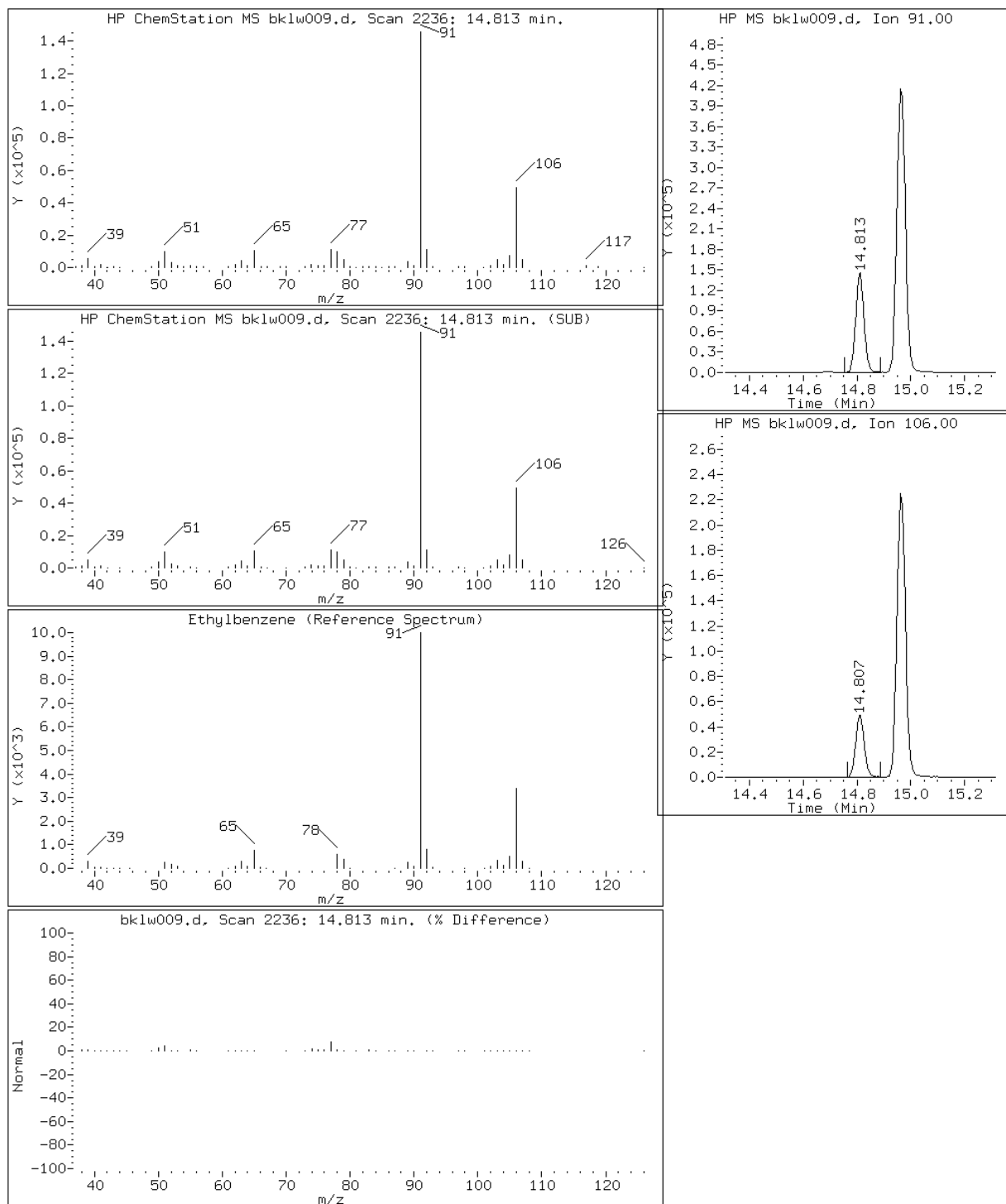
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

68 Ethylbenzene



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

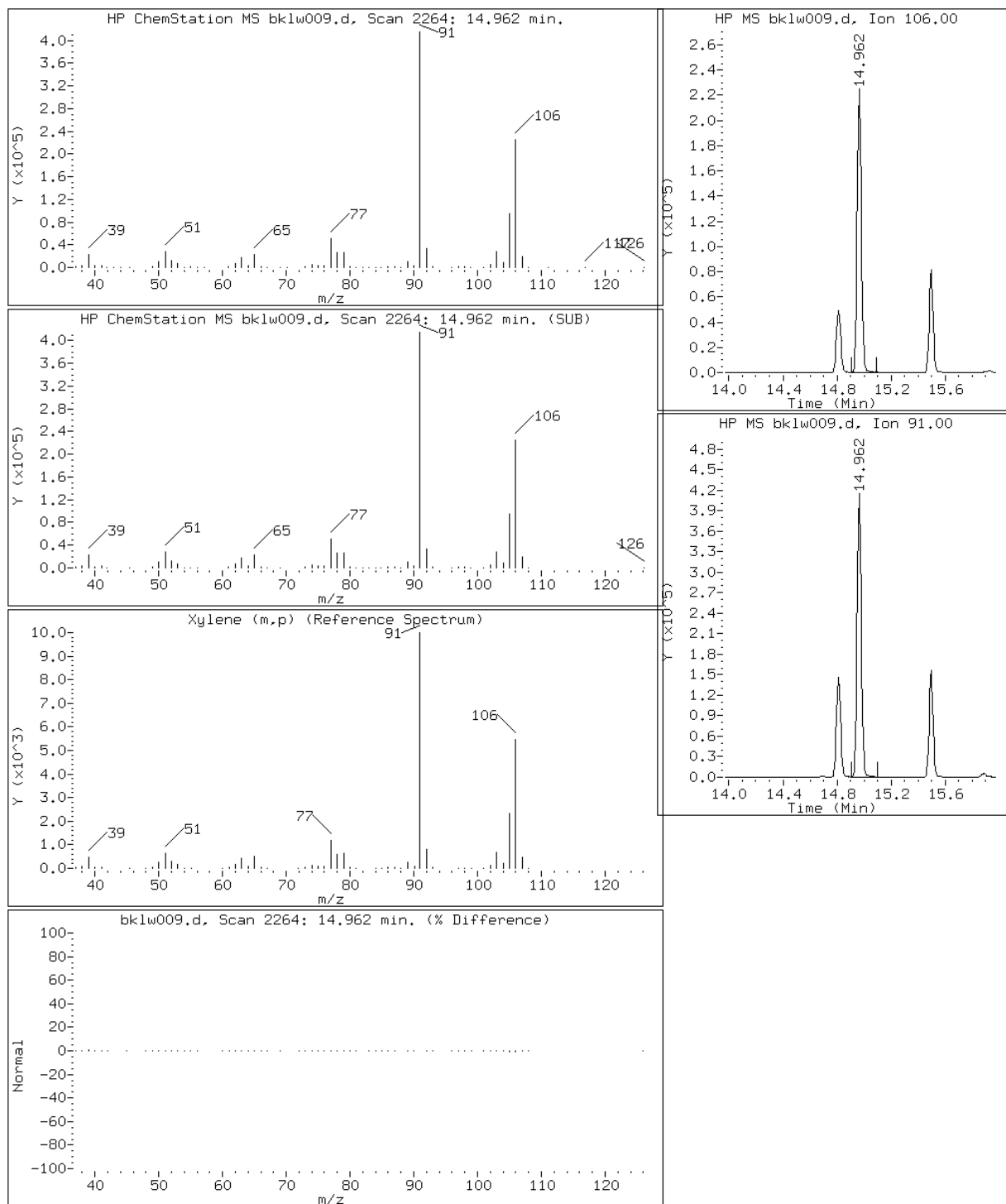
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

69 Xylene (m,p)



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

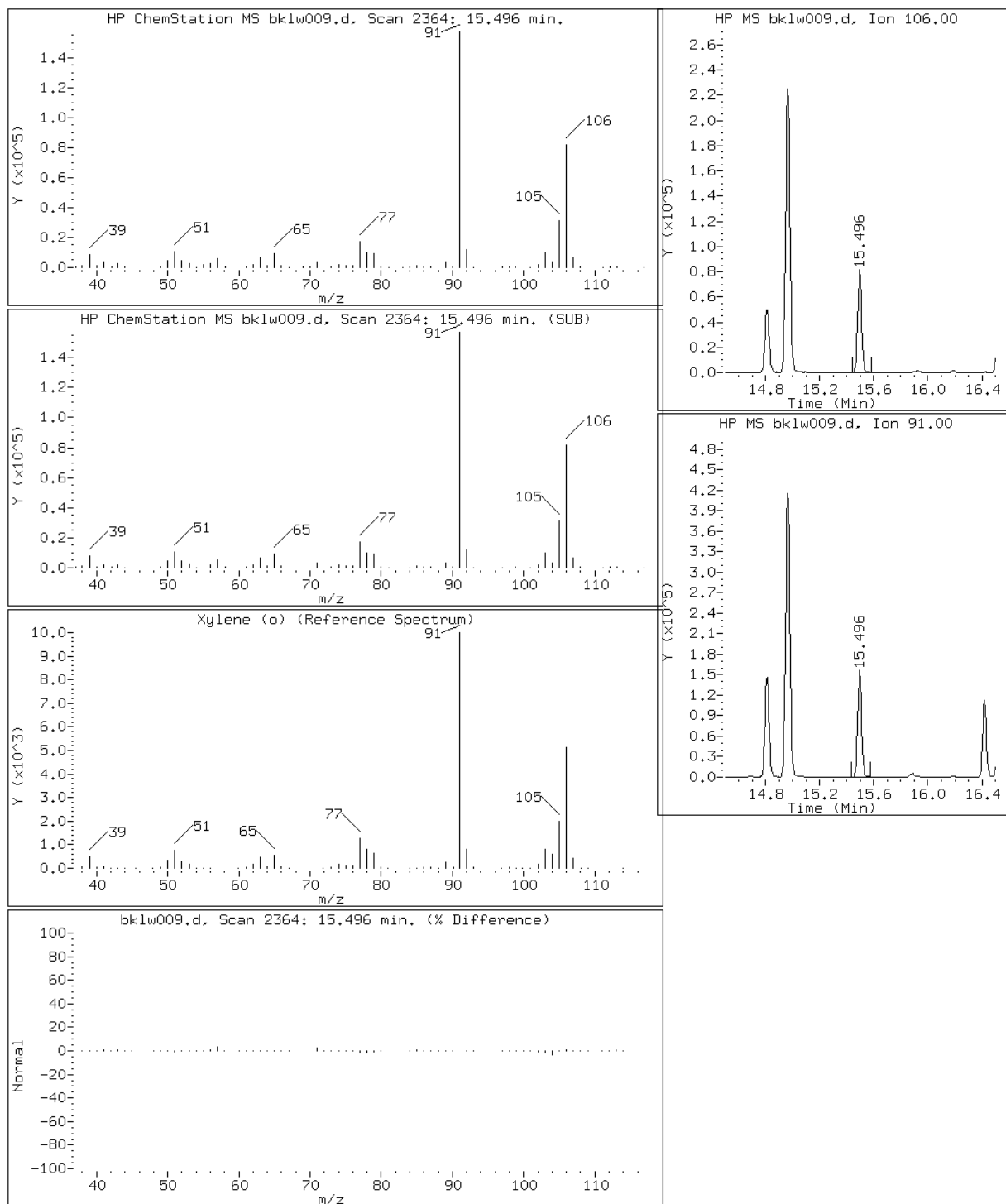
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

71 Xylene (o)



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

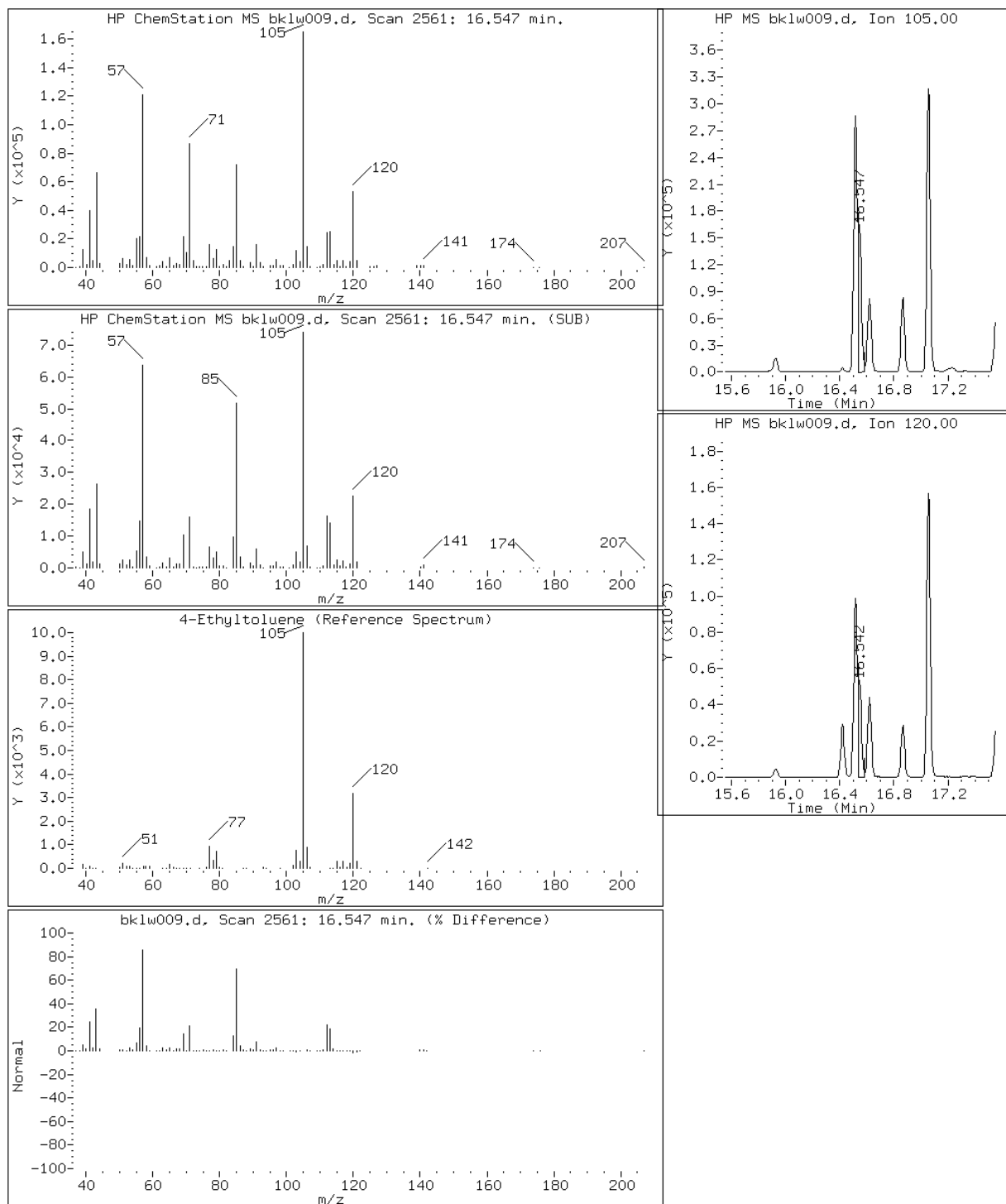
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

79 4-Ethyltoluene



Data File: bklw009.d

Lab Sample ID: 200-9580-5

Date: 08-MAR-2012 17:03

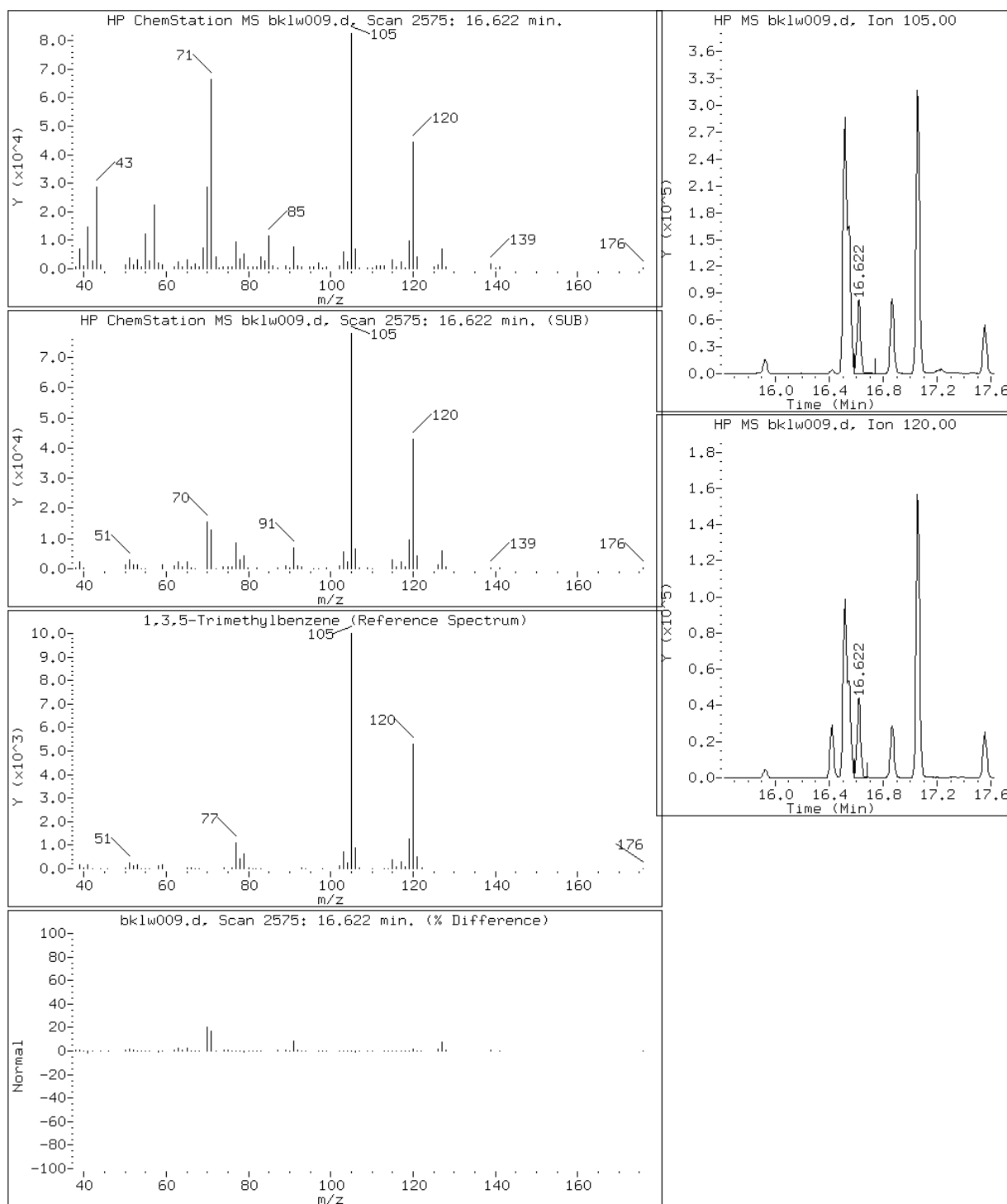
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-9580-A-5

Operator: wrd

81 1,3,5-Trimethylbenzene

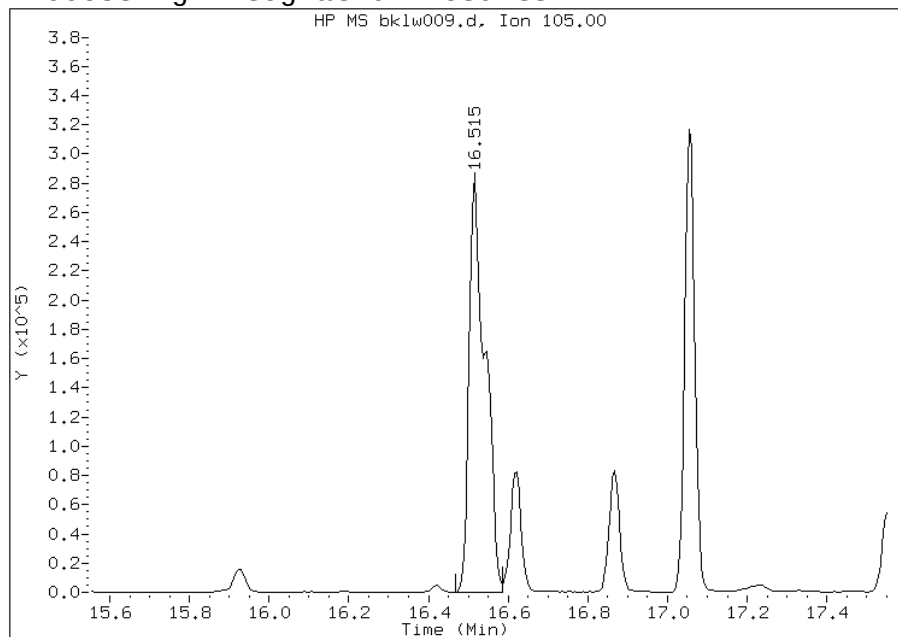


Manual Integration Report

Data File: bklw009.d
Lab Sample ID: 200-9580-5
Inj. Date and Time: 08-MAR-2012 17:03
Instrument ID: B.i
Client ID: SSV-3
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/09/2012

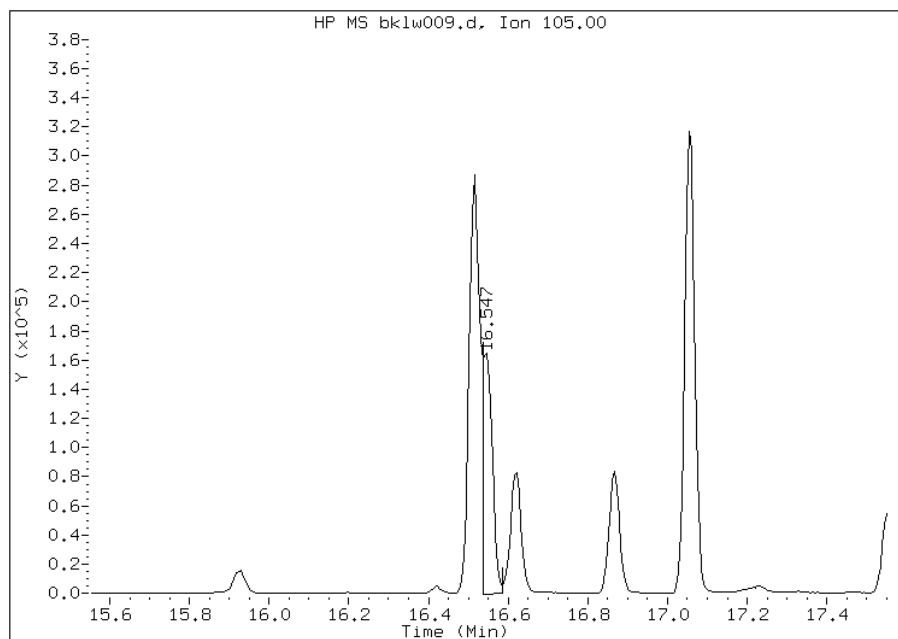
Processing Integration Results

RT: 16.52
Response: 800679
Amount: 3.71
Conc: 3.71



Manual Integration Results

RT: 16.55
Response: 284821
Amount: 1.32
Conc: 1.32



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.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-33061/3	IC 279336	bk1003.d
Level 2	IC 200-33061/4	IC 279315	bk1004.d
Level 3	IC 200-33061/5	IC 275709	bk1005.d
Level 4	ICIS 200-33061/6	ICIS 279078	bk1006.d
Level 5	IC 200-33061/7	IC 279073	bk1007.d
Level 6	IC 200-33061/8	IC 279072	bk1008.d
Level 7	IC 200-33061/9	IC 275630	bk1009.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 4	LVL 5		B	M1	M2								
Propylene	++++ 0.1982	0.2543 0.1880	0.2250	0.2153	0.2066	Ave		0.2146				10.9		30.0			
Dichlorodifluoromethane	++++ 1.4384	1.6811 1.3177	1.6221	1.5510	1.4841	Ave		1.5157				8.7		30.0			
Freon 22	++++ 0.5164	0.6198 0.4826	0.5886	0.5645	0.5383	Ave		0.5517				9.0		30.0			
1,2-Dichlorotetrafluoroethane	1.6079 1.4126	1.6903 1.2857	1.6371	1.5402	1.4721	Ave		1.5208				9.3		30.0			
Chloromethane	++++ 0.2721	0.3188 0.2547	0.3082	0.2923	0.2813	Ave		0.2879				8.2		30.0			
n-Butane	++++ 0.4432	0.5278 0.4106	0.5032	0.4797	0.4597	Ave		0.4707				9.0		30.0			
Vinyl chloride	0.4509 0.4039	0.4596 0.3780	0.4607	0.4332	0.4197	Ave		0.4294				7.2		30.0			
1,3-Butadiene	0.2901 0.2795	0.3106 0.2637	0.3148	0.3020	0.2896	Ave		0.2929				6.1		30.0			
Acrolein	++++ 0.2773	++++ 0.2683	0.3101	0.2932	0.2799	Ave		0.2858				5.7		30.0			
Bromomethane	0.8130 0.7420	0.8551 0.6860	0.8383	0.7957	0.7692	Ave		0.7856				7.5		30.0			
Chloroethane	++++ 0.3316	0.3729 0.3094	0.3820	0.3607	0.3451	Ave		0.3503				7.7		30.0			
Isopentane	0.6650 0.5580	0.6709 0.5115	0.6467	0.6144	0.5821	Ave		0.6069				9.8		30.0			
Bromoethene (Vinyl Bromide)	0.9831 0.9723	1.0875 0.9132	1.0588	1.0120	0.9884	Ave		1.0022				5.8		30.0			
Trichlorofluoromethane	2.2313 2.1002	2.3934 1.9811	2.2766	2.1825	2.1230	Ave		2.1840				6.1		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.: 200-9580-1 Analy Batch No.: 33061
SDG No.: 200-9580
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
n-Pentane	++++ 0.9450	1.1447 0.8602	1.0872	1.0250	0.9720	Ave		1.0057				10.2		30.0			
tert-Butyl alcohol	++++ 1.2751	++++ 1.1339	1.2465	1.3069	1.2856	Ave		1.2496				5.5		30.0			
Ethanol	++++ 0.2260	0.2401 0.2124	0.2377	0.2350	0.2215	Ave		0.2288				4.7		30.0			
Ethyl ether	0.5856 0.5606	0.6092 0.5253	0.6183	0.5949	0.5771	Ave		0.5816				5.4		30.0			
Isopropyl alcohol	++++ 0.7346	++++ 0.6348	0.7338	0.7882	0.7497	Ave		0.7282				7.8		30.0			
Acetonitrile	++++ 0.4411	++++ 0.4082	0.4737	0.4922	0.4650	Ave		0.4560				7.1		30.0			
Freon TF	2.0505 1.8518	2.0928 1.7370	1.9883	1.9164	1.8696	Ave		1.9295				6.4		30.0			
1,1-Dichloroethene	1.0088 0.9356	1.0254 0.8907	0.9944	0.9675	0.9441	Ave		0.9667				4.9		30.0			
Acetone	++++ 0.8265	++++ 0.7695	1.0522	0.9058	0.8632	Ave		0.8834				12.1		30.0			
Carbon disulfide	++++ 2.5881	3.0033 2.4320	2.8407	2.7157	2.6399	Ave		2.7033				7.4		30.0			
Ethyl acetate	++++ 0.0887	++++ 0.0837	0.0943	0.0922	0.0894	Ave		0.0897				4.5		30.0			
3-Chloropropene	0.7861 0.6908	0.7071 0.6566	0.7734	0.7418	0.7141	Ave		0.7243				6.3		30.0			
Methylene Chloride	++++ 0.6500	0.7960 0.6038	0.7461	0.7056	0.6715	Ave		0.6955				9.9		30.0			
Vinyl acetate	++++ 1.4518	++++ 1.3609	1.6100	1.5734	1.5199	Ave		1.5032				6.6		30.0			
trans-1,2-Dichloroethene	1.1682 1.0332	1.1968 0.9468	1.1728	1.1178	1.0714	Ave		1.1010				8.2		30.0			
Methyl tert-butyl ether	2.4304 2.3169	2.5000 2.1810	2.5037	2.4122	2.3592	Ave		2.3862				4.7		30.0			
Acrylonitrile	++++ 0.5111	0.4517 0.4905	0.5476	0.5466	0.5243	Ave		0.5120				7.2		30.0			
n-Hexane	1.3516 1.1374	1.3371 1.0577	1.2865	1.2276	1.1772	Ave		1.2250				8.8		30.0			
n-Butanol	++++ 0.0885	++++ 0.0854	0.0798	0.0877	0.0870	Ave		0.0857				4.1		30.0			
1,1-Dichloroethane	1.4690 1.3348	1.5124 1.2421	1.4880	1.4327	1.3747	Ave		1.4077				6.8		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 CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 33061
SDG No.: 200-9580
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
1,4-Dioxane	++++ 0.1039	++++ 0.0847	0.1019	0.1088	0.1055	Ave		0.1010				9.3		30.0			
cis-1,2-Dichloroethene	1.0885 1.0478	1.1624 0.9759	1.1308	1.0915	1.0710	Ave		1.0811				5.5		30.0			
Methyl Ethyl Ketone	++++ 0.4312	0.5065 0.3844	0.4749	0.4611	0.4443	Ave		0.4504				9.2		30.0			
Tetrahydrofuran	++++ 0.1384	++++ 0.1266	0.1570	0.1515	0.1437	Ave		0.1434				8.2		30.0			
Chloroform	1.9559 1.7484	1.9753 1.6583	1.9048	1.8302	1.7790	Ave		1.8360				6.3		30.0			
1,1,1-Trichloroethane	0.4272 0.4016	0.4322 0.3818	0.4209	0.4102	0.4042	Ave		0.4112				4.2		30.0			
Cyclohexane	0.3363 0.2863	0.3222 0.2595	0.3175	0.3007	0.2916	Ave		0.3020				8.5		30.0			
Carbon tetrachloride	0.4325 0.4316	0.4459 0.4193	0.4427	0.4328	0.4299	Ave		0.4336				2.0		30.0			
2,2,4-Trimethylpentane	0.8402 0.7402	0.8604 0.6588	0.8489	0.8069	0.7705	Ave		0.7894				9.1		30.0			
Benzene	0.7095 0.6029	0.6983 0.5497	0.6692	0.6396	0.6176	Ave		0.6410				8.8		30.0			
1,2-Dichloroethane	0.2150 0.2002	0.2117 0.1896	0.2139	0.2059	0.2023	Ave		0.2055				4.4		30.0			
n-Heptane	0.2593 0.2261	0.2639 0.2032	0.2641	0.2503	0.2370	Ave		0.2434				9.3		30.0			
Trichloroethene	0.3151 0.2864	0.3081 0.2695	0.3047	0.2963	0.2902	Ave		0.2957				5.2		30.0			
1,2-Dichloropropane	0.2106 0.1914	0.2177 0.1774	0.2120	0.2060	0.1985	Ave		0.2019				6.9		30.0			
Methyl methacrylate	++++ 0.2079	0.1785 0.1972	0.2145	0.2142	0.2116	Ave		0.2040				6.9		30.0			
Dibromomethane	0.2925 0.3114	0.2926 0.2971	0.3024	0.3037	0.3055	Ave		0.3007				2.3		30.0			
Bromodichloromethane	0.3877 0.4200	0.4114 0.3984	0.4438	0.4331	0.4253	Ave		0.4171				4.7		30.0			
cis-1,3-Dichloropropene	0.3015 0.3313	0.3219 0.3138	0.3463	0.3431	0.3354	Ave		0.3276				4.9		30.0			
Methyl isobutyl ketone	++++ 0.2904	0.2654 0.2660	0.3162	0.3121	0.3004	Ave		0.2917				7.6		30.0			
Toluene	0.6012 0.5174	0.5937 0.4597	0.5824	0.5553	0.5398	Ave		0.5499				9.1		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.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
n-Octane	0.3778 0.2819	0.3593 0.2313	0.3553	0.3316	0.3054	Ave		0.3204				16.0		30.0			
trans-1,3-Dichloropropene	0.2981 0.3364	0.3264 0.3211	0.3492	0.3455	0.3404	Ave		0.3310				5.3		30.0			
1,1,2-Trichloroethane	0.2525 0.2447	0.2630 0.2296	0.2695	0.2573	0.2532	Ave		0.2528				5.1		30.0			
Tetrachloroethene	0.5302 0.5258	0.5412 0.4987	0.5284	0.5197	0.5287	Ave		0.5247				2.5		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.3103	0.2611 0.2924	0.3429	0.3316	0.3231	Ave		0.3102				9.6		30.0			
Dibromochloromethane	0.4670 0.5767	0.5122 0.5522	0.5821	0.5799	0.5840	Ave		0.5506				8.2		30.0			
1,2-Dibromoethane	0.4717 0.5178	0.5126 0.4940	0.5402	0.5318	0.5276	Ave		0.5137				4.6		30.0			
Chlorobenzene	0.8768 0.7832	0.8660 0.7427	0.8344	0.8064	0.7964	Ave		0.8151				5.8		30.0			
Ethylbenzene	1.2157 1.1204	1.2481 1.0390	1.2296	1.1789	1.1547	Ave		1.1695				6.2		30.0			
n-Nonane	0.4545 0.3735	0.4580 0.3249	0.4524	0.4204	0.3987	Ave		0.4118				12.1		30.0			
m,p-Xylene	0.5342 0.4782	0.5456 0.4155	0.5366	0.5130	0.4996	Ave		0.5032				9.0		30.0			
Xylene, o-	0.5027 0.4838	0.5173 0.4398	0.5228	0.5039	0.4954	Ave		0.4951				5.6		30.0			
Styrene	0.6336 0.7638	0.6755 0.7004	0.7896	0.7837	0.7796	Ave		0.7323				8.5		30.0			
Bromoform	0.4160 0.5933	0.4632 0.5485	0.5759	0.5875	0.5997	Ave		0.5406				13.4		30.0			
Cumene	1.4147 1.3488	1.4513 1.2419	1.4528	1.4106	1.3835	Ave		1.3862				5.3		30.0			
1,1,2,2-Tetrachloroethane	0.6731 0.6228	0.7045 0.5574	0.7068	0.6806	0.6549	Ave		0.6572				8.0		30.0			
n-Propylbenzene	1.6501 1.4203	1.6773 1.1894	1.6721	1.5827	1.5110	Ave		1.5290				11.6		30.0			
1,2,3-Trichloropropane	++++ 0.4079	0.4981 0.3425	0.4891	0.4626	0.4379	Ave		0.4397				13.2		30.0			
n-Dodecane	++++ 0.4225	++++ 0.2392	0.5078	0.4765	0.4696	Ave		0.4231				25.3		30.0			
n-Decane	++++ 0.4458	0.5832 0.3669	0.5728	0.5263	0.4867	Ave		0.4969				16.5		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.: 200-9580-1 Analy Batch No.: 33061
SDG No.: 200-9580
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
4-Ethyltoluene	1.4597 1.3564	1.4861 1.1880	1.5138	1.4519	1.4132	Ave		1.4099				7.8		30.0			
2-Chlorotoluene	1.3143 1.1242	1.2781 1.0075	1.2591	1.2047	1.1706	Ave		1.1941				8.8		30.0			
1,3,5-Trimethylbenzene	1.2390 1.1345	1.2069 1.0273	1.2149	1.1806	1.1585	Ave		1.1660				6.1		30.0			
Alpha Methyl Styrene	0.4459 0.6611	0.5066 0.6138	0.6673	0.6707	0.6698	Ave		0.6050				15.2		30.0			
tert-Butylbenzene	1.2086 1.1179	1.2086 1.0182	1.1926	1.1555	1.1379	Ave		1.1485				5.9		30.0			
1,2,4-Trimethylbenzene	1.1911 1.1240	1.1965 1.0197	1.2174	1.1743	1.1550	Ave		1.1540				5.8		30.0			
sec-Butylbenzene	1.8134 1.6288	1.8047 1.4412	1.8021	1.7227	1.6801	Ave		1.6990				7.9		30.0			
4-Isopropyltoluene	1.4810 1.4256	1.4910 1.2618	1.5381	1.4879	1.4647	Ave		1.4500				6.2		30.0			
1,3-Dichlorobenzene	0.9605 0.8986	0.9260 0.8247	0.9294	0.9156	0.9127	Ave		0.9097				4.6		30.0			
1,4-Dichlorobenzene	0.9734 0.9086	0.9107 0.8308	0.9395	0.9243	0.9232	Ave		0.9158				4.7		30.0			
Benzyl chloride	0.8584 0.9610	0.9132 0.9354	1.0422	0.9923	0.9831	Ave		0.9551				6.2		30.0			
n-Undecane	++++ 0.4216	++++ 0.3127	0.6019	0.5277	0.4760	Ave		0.4680				23.4		30.0			
n-Butylbenzene	1.2463 1.0654	1.2956 0.8662	1.3053	1.2193	1.1494	Ave		1.1639				13.4		30.0			
1,2-Dichlorobenzene	0.9108 0.8567	0.8787 0.7927	0.8853	0.8646	0.8660	Ave		0.8650				4.2		30.0			
1,2,4-Trichlorobenzene	++++ 0.6572	0.5481 0.5232	0.6550	0.6632	0.6807	Ave		0.6212				10.8		30.0			
Hexachlorobutadiene	0.5025 0.4485	0.4589 0.3641	0.4665	0.4581	0.4614	Ave		0.4514				9.3		30.0			
Naphthalene	++++ 1.5112	1.1875 1.1587	1.5474	1.5202	1.5738	Ave		1.4165				13.4		30.0			
1,2,3-Trichlorobenzene	0.4188 0.5683	0.4423 0.3968	0.5697	0.5744	0.5907	Ave		0.5087				16.7		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.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-33061/3	bk1003.d
Level 2	IC 200-33061/4	bk1004.d
Level 3	IC 200-33061/5	bk1005.d
Level 4	ICIS 200-33061/6	bk1006.d
Level 5	IC 200-33061/7	bk1007.d
Level 6	IC 200-33061/8	bk1008.d
Level 7	IC 200-33061/9	bk1009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 250332	7941 478994	68047	129709	190880	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	++++ 1816351	52497 3357989	490550	934302	1370977	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	++++ 652012	19356 1229744	178000	340017	497267	++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	20282 1783712	52785 3276274	495081	927817	1359907	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	++++ 343525	9955 649160	93202	176069	259867	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	++++ 559614	16481 1046378	152165	288943	424697	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	5688 510000	14353 963150	139310	260982	387668	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	3659 352892	9699 671929	95186	181930	267503	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	++++ 350200	++++ 683644	93775	176599	258573	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	10255 936901	26704 1748066	253521	479329	710529	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	++++ 418723	11646 788369	115512	217296	318760	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	8388 704544	20951 1303392	195567	370115	537732	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene (Vinyl Bromide)	BCM	Ave	12401 1227753	33962 2327125	320211	609617	913054	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	28145 2652004	74740 5048507	688474	1314700	1961159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	++++ 1193304	35746 2192165	328781	617467	897873	++++ 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
tert-Butyl alcohol	BCM	Ave	++++ 1610086	++++ 2889547	376975	787244	1187597	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	++++ 570655	74973 1353288	143781	212316	272882	++++ 40.0	5.00 100	10.0	15.0	20.0
Ethyl ether	BCM	Ave	7386 707882	19023 1338693	186982	358376	533086	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	++++ 927542	++++ 1617654	221909	474780	692594	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	++++ 556948	++++ 1040098	143269	296473	429537	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	25864 2338256	65355 4426359	601300	1154424	1727130	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	12725 1181435	32021 2269679	300730	582813	872172	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	++++ 1043619	++++ 1960966	318194	545633	797365	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	++++ 3268120	93786 6197548	859063	1635881	2438735	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	++++ 111980	++++ 213379	28531	55537	82631	++++ 20.0	++++ 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	9915 872333	22082 1673120	233890	446860	659690	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	++++ 820742	24856 1538694	225623	425068	620283	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	++++ 1833241	++++ 3468054	486879	947774	1404071	++++ 20.0	++++ 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	14735 1304709	37374 2412811	354662	673363	989778	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	30656 2925652	78069 5557927	757162	1453084	2179357	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	++++ 645362	14107 1250070	165612	329246	484331	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	17049 1436164	41754 2695421	389066	739469	1087499	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	++++ 511574	++++ 990700	111649	244006	370519	++++ 20.0	++++ 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	18530 1685498	47229 3165349	450011	863008	1269895	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	++++ 600749	++++ 982624	142567	302879	449131	++++ 20.0	++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	13730 1323052	36300 2486832	341972	657517	989369	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl Ethyl Ketone	BCM	Ave	+++++ 544478	15816 979479	143629	277770	410406	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	+++++ 800255	1469226	219695	421613	611851	+++++ 20.0	40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	24671 2207718	61685 4225944	576030	1102480	1643371	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	25244 2322486	63252 4429297	589002	1141558	1721343	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	19873 1656041	47158 3009999	444303	836724	1241587	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	25558 2496317	65261 4864921	619481	1204471	1830793	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	49646 4281251	125921 7643259	1187879	2245366	3280777	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	41925 3487122	102204 6377775	936436	1779929	2629663	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	12702 1158072	30987 2199262	299245	572841	861555	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	15319 1307925	38622 2356964	369497	696548	1009256	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	18619 1656397	45089 3126143	426361	824430	1235711	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	12442 1106968	31855 2057650	296651	573251	845351	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	+++++ 1202276	26125 2287785	300113	596175	901029	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	17285 1800868	42820 3446859	423094	845035	1300888	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	22911 2429202	60211 4621510	620973	1205323	1811121	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	17816 1916061	47111 3641012	484626	954725	1428294	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl isobutyl ketone	DFB	Ave	+++++ 1679408	38842 3085564	442382	868613	1279333	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	32431 2762943	78552 4865806	742838	1417553	2095816	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	22325 1630314	52587 2682996	497158	922643	1300283	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	17616 1945540	47775 3725780	488683	961500	1449508	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	13619 1306926	34791 2430156	343786	656972	982957	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	28603 2807654	71599 5279150	673939	1326658	2052700	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1656963	34552 3094986	437341	846648	1254363	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	25191 3079298	67769 5844730	742443	1480428	2267385	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	25446 2764855	67824 5228886	689028	1357658	2048282	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	47296 4182375	114585 7861074	1064231	2058737	3092289	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	65578 5982971	165130 10997523	1568258	3009711	4483136	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	24515 1994426	60592 3439392	576945	1073130	1548054	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	57638 5107495	144364 8796740	1368772	2619216	3879250	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	27117 2583505	68447 4655377	666805	1286533	1923615	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	34180 4078401	89370 7413490	1007088	2000691	3026874	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	22439 3168244	61281 5806003	734454	1499887	2328551	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	76314 7202503	192020 13145101	1852915	3601118	5371499	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	36308 3325574	93208 5899876	901512	1737547	2542907	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	89014 7584139	221920 12589904	2132642	4040474	5866497	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 2178057	65905 3624955	623770	1180848	1700348	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	++++ 2255898	++++ 2531953	647608	1216352	1823131	++++ 20.0	++++ 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	++++ 2380717	77157 3883387	730503	1343652	1889665	++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	78740 7243294	196627 12574541	1930759	3706529	5486953	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	70895 6003344	169110 10664576	1605883	3075604	4545048	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	66834 6058217	159689 10874262	1549453	3014026	4498063	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	24055 3530170	67024 6497172	851047	1712319	2600741	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1 Analy Batch No.: 33061

SDG No.: 200-9580

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
tert-Butylbenzene	CBZ	Ave	65194 5969578	159913 10777156	1521078	2949931	4417969	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	64251 6002110	158310 10793022	1552744	2997861	4484364	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	97819 8697821	238777 15254923	2298372	4397955	6523314	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	79889 7612379	197273 13355739	1961774	3798504	5686706	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	51815 4798306	122520 8729695	1185430	2337469	3543629	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	52509 4852136	120496 8794135	1198254	2359529	3584453	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	46304 5131894	120829 9901636	1329186	2533205	3816928	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	++++ 2251162	++++ 3310385	767669	1347139	1848236	++++ 20.0	++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	67232 5689088	171419 9168639	1664759	3112758	4462656	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	49132 4574879	116255 8390291	1129062	2207238	3362420	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 3509451	72522 5538550	835445	1693011	2642759	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	27107 2394959	60712 3853856	594960	1169429	1791327	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	++++ 8069537	157119 12264906	1973631	3880952	6110535	++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	22590 3034746	58524 4200039	726622	1466390	2293450	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl003.d
 Lab Smp Id: IC 279336 Client Smp ID: IC 279336
 Inj Date : 30-JAN-2012 17:18
 Operator : pad Inst ID: B.i
 Smp Info : IC 279336
 Misc Info : 200,1, level 1
 Comment :
 Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
 Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
 Cal Date : 30-JAN-2012 17:18 Cal File: bkl003.d
 Als bottle: 2 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allT015.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.986	2.981	(0.326)	3238	0.20000	0.24(a)
2 Dichlorodifluoromethane	85		3.035	3.035	(0.331)	20250	0.20000	0.21(a)
3 Chlorodifluoromethane	51		3.067	3.067	(0.335)	7596	0.20000	0.22(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.221	3.221	(0.352)	20282	0.20000	0.21
5 Chloromethane	50		3.339	3.328	(0.365)	4191	0.20000	0.23(a)
6 Butane	43		3.472	3.472	(0.379)	6700	0.20000	0.23(a)
7 Vinyl chloride	62		3.510	3.504	(0.383)	5688	0.20000	0.21
8 1,3-Butadiene	54		3.563	3.558	(0.389)	3659	0.20000	0.20
9 Bromomethane	94		4.113	4.107	(0.449)	10255	0.20000	0.21
10 Chloroethane	64		4.315	4.305	(0.471)	4227	0.20000	0.19(a)
11 2-Methylbutane	43		4.369	4.374	(0.477)	8388	0.20000	0.22(Q)
12 Vinyl bromide	106		4.684	4.673	(0.512)	12401	0.20000	0.20
13 Trichlorofluoromethane	101		4.769	4.764	(0.521)	28145	0.20000	0.20
14 Pentane	43		4.902	4.897	(0.535)	14172	0.20000	0.22(a)

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ppb v/v)	(ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
15 Ethanol		45	5.345	5.271 (0.584)		9587	0.20000	0.66(a)
16 Ethyl ether		59	5.431	5.378 (0.593)		7386	0.20000	0.20
17 1,1,2-Trichloro-1,2,2-trifluo		101	5.751	5.751 (0.628)		25864	0.20000	0.21
18 Acrolein		56	Compound Not Detected.					
19 1,1-Dichloroethene		96	5.820	5.815 (0.636)		12725	0.20000	0.21
20 Acetone		43	6.071	6.007 (0.663)		28740	0.20000	0.52(a)
21 Carbon disulfide		76	6.231	6.226 (0.681)		37008	0.20000	0.22(a)
22 Isopropanol		45	Compound Not Detected.					
23 Allyl chloride		41	6.514	6.504 (0.711)		9915	0.20000	0.22(a)
24 Acetonitrile		41	Compound Not Detected.					
25 Methylene chloride		49	6.770	6.760 (0.739)		11234	0.20000	0.26(a)
26 Tert-butyl alcohol		59	Compound Not Detected.					
27 Methyl tert-butyl ether		73	7.240	7.144 (0.791)		30656	0.20000	0.20
28 1,2-Dichloroethene (trans)		61	7.171	7.160 (0.783)		14735	0.20000	0.21
29 Acrylonitrile		53	7.283	7.245 (0.795)		5992	0.20000	0.19(a)
30 n-Hexane		57	7.496	7.491 (0.819)		17049	0.20000	0.22
31 1,1-Dichloroethane		63	7.891	7.891 (0.862)		18530	0.20000	0.21
32 Vinyl acetate		43	Compound Not Detected.					
M 33 1,2-Dichloroethene,Total		61				28465	0.40000	0.41
34 1,2-Dichloroethene (cis)		96	8.798	8.793 (0.961)		13730	0.20000	0.20
35 Ethyl acetate		88	Compound Not Detected.					
36 Methyl Ethyl Ketone		72	8.878	8.809 (0.970)		6790	0.20000	0.24(aQ)
* 37 Bromochloromethane		128	9.156	9.156 (1.000)		630685	10.0000	
38 Tetrahydrofuran		42	9.284	9.204 (0.879)		8691	0.20000	0.21(a)
39 Chloroform		83	9.241	9.241 (1.009)		24671	0.20000	0.21
40 Cyclohexane		84	9.498	9.492 (0.899)		19873	0.20000	0.22
41 1,1,1-Trichloroethane		97	9.482	9.482 (0.897)		25244	0.20000	0.21
42 Carbon tetrachloride		117	9.684	9.684 (0.917)		25558	0.20000	0.20
43 2,2,4-Trimethylpentane		57	9.983	9.978 (0.945)		49646	0.20000	0.21
44 Benzene		78	10.015	10.010 (0.948)		41925	0.20000	0.22
45 1,2-Dichloroethane		62	10.122	10.117 (0.958)		12702	0.20000	0.21
46 n-Heptane		43	10.245	10.239 (0.970)		15319	0.20000	0.21
* 47 1,4-Difluorobenzene		114	10.565	10.570 (1.000)		2954393	10.0000	
48 n-Butanol		56	Compound Not Detected.					
49 Trichloroethene		95	10.928	10.928 (1.034)		18619	0.20000	0.21
50 1,2-Dichloropropane		63	11.296	11.291 (1.069)		12442	0.20000	0.21
51 Methyl methacrylate		69	11.413	11.366 (1.080)		7842	0.20000	0.13(a)
52 Dibromomethane		174	11.488	11.478 (1.087)		17285	0.20000	0.19(a)
53 1,4-Dioxane		88	Compound Not Detected.					
54 Bromodichloromethane		83	11.659	11.659 (1.104)		22911	0.20000	0.19(a)
55 1,3-Dichloropropene (cis)		75	12.294	12.283 (1.164)		17816	0.20000	0.18(a)
56 Methyl isobutyl ketone		43	12.556	12.476 (1.188)		13763	0.20000	0.16(a)
57 n-Octane		43	12.721	12.716 (1.204)		22325	0.20000	0.24(a)
58 Toluene		92	12.721	12.705 (0.866)		32431	0.20000	0.22
59 1,3-Dichloropropene (trans)		75	13.100	13.079 (1.240)		17616	0.20000	0.18(a)
60 1,1,2-Trichloroethane		83	13.351	13.346 (0.908)		13619	0.20000	0.20
61 Tetrachloroethene		166	13.474	13.474 (0.917)		28603	0.20000	0.20

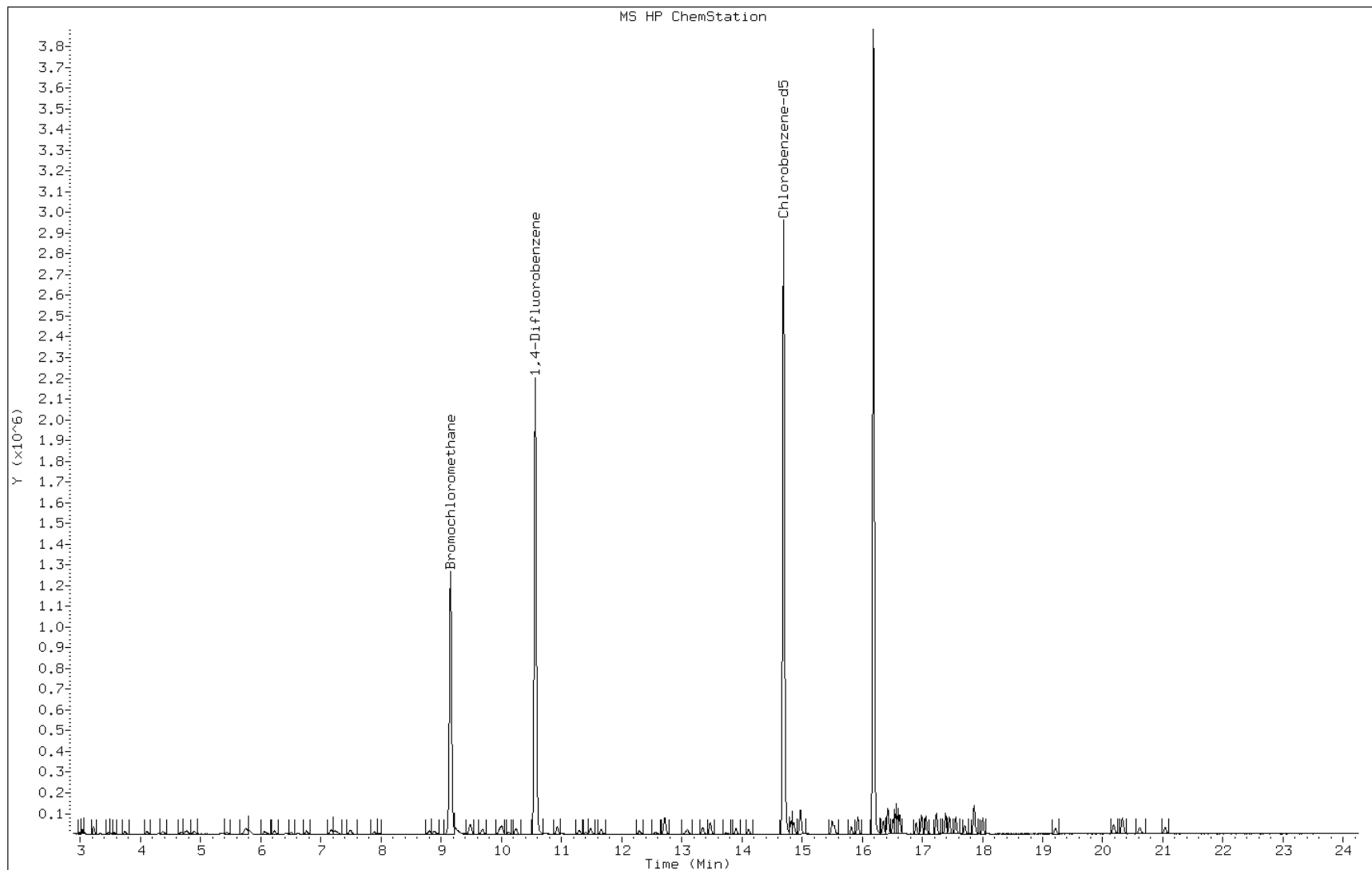
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.740	13.655 (0.935)		10170	0.20000	0.12(a)
63 Dibromochloromethane	129	13.906	13.901 (0.946)		25191	0.20000	0.17(a)
64 1,2-Dibromoethane	107	14.114	14.103 (0.960)		25446	0.20000	0.18(a)
* 65 Chlorobenzene-d5	117	14.696	14.696 (1.000)		2697157	10.0000	
66 Chlorobenzene	112	14.738	14.738 (1.003)		47296	0.20000	0.22
67 n-Nonane	57	14.866	14.861 (1.012)		24515	0.20000	0.22
68 Ethylbenzene	91	14.818	14.813 (1.008)		65578	0.20000	0.21
69 Xylene (m,p)	106	14.973	14.973 (1.019)		57638	0.40000	0.42(a)
M 70 Xylenes, Total	106				84755	0.20000	0.63
71 Xylene (o)	106	15.502	15.502 (1.055)		27117	0.20000	0.20
72 Styrene	104	15.539	15.528 (1.057)		34180	0.20000	0.17(a)
73 Bromoform	173	15.822	15.822 (1.077)		22439	0.20000	0.15(a)
74 Isopropylbenzene	105	15.928	15.929 (1.084)		76314	0.20000	0.20
75 1,1,2,2-Tetrachloroethane	83	16.361	16.356 (1.113)		36308	0.20000	0.20
76 n-Propylbenzene	91	16.425	16.425 (1.118)		89014	0.20000	0.22
77 1,2,3-Trichloropropane	75	16.436	16.436 (1.118)		26650	0.20000	0.22(a)
78 n-Decane	57	16.516	16.516 (1.124)		30518	0.20000	0.23(a)
79 4-Ethyltoluene	105	16.553	16.553 (1.126)		78740	0.20000	0.21
80 2-Chlorotoluene	91	16.585	16.585 (1.129)		70895	0.20000	0.22
81 1,3,5-Trimethylbenzene	105	16.622	16.622 (1.131)		66834	0.20000	0.21
82 Alpha Methyl Styrene	118	16.900	16.895 (1.150)		24055	0.20000	0.15(a)
83 tert-butylbenzene	119	16.991	16.991 (1.156)		65194	0.20000	0.21
84 1,2,4-Trimethylbenzene	105	17.065	17.060 (1.161)		64251	0.20000	0.21
85 sec-Butylbenzene	105	17.236	17.236 (1.173)		97819	0.20000	0.21
86 4-Isopropyltoluene	119	17.391	17.386 (1.183)		79889	0.20000	0.20
87 1,3-Dichlorobenzene	146	17.455	17.450 (1.188)		51815	0.20000	0.21
88 1,4-Dichlorobenzene	146	17.556	17.556 (1.195)		52509	0.20000	0.21
89 Benzyl chloride	91	17.706	17.700 (1.205)		46304	0.20000	0.18(a)
90 Undecane	57	17.855	17.855 (1.215)		31725	0.20000	0.25(a)
91 n-Butylbenzene	91	17.871	17.866 (1.216)		67232	0.20000	0.21
92 1,2-Dichlorobenzene	146	18.010	18.005 (1.226)		49132	0.20000	0.21
93 Dodecane	57	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	20.177	20.171 (1.373)		28764	0.20000	0.17(a)
95 1,3-Hexachlorobutadiene	225	20.326	20.326 (1.383)		27107	0.20000	0.22
96 Naphthalene	128	20.609	20.598 (1.402)		54335	0.20000	0.14(a)
97 1,2,3-Trichlorobenzene	180	21.036	21.025 (1.431)		22590	0.20000	0.16(a)

QC Flag Legend

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

Data File: bkl003.d
Client ID: IC 279336
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 279336
Lab Sample ID: IC 279336

Date: 30-JAN-2012 17:18
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl004.d
Lab Smp Id: IC 279315 Client Smp ID: IC 279315
Inj Date : 30-JAN-2012 18:10
Operator : pad Inst ID: B.i
Smp Info : IC 279315
Misc Info : 200,1, level 2
Comment :
Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
Cal Date : 30-JAN-2012 18:10 Cal File: bkl004.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.987	2.981	(0.326)	7941	0.50000	0.59(a)
2 Dichlorodifluoromethane	85	3.035	3.035	(0.331)	52497	0.50000	0.55
3 Chlorodifluoromethane	51	3.067	3.067	(0.335)	19356	0.50000	0.56
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.221	3.221	(0.352)	52785	0.50000	0.56
5 Chloromethane	50	3.333	3.328	(0.364)	9955	0.50000	0.55
6 Butane	43	3.478	3.472	(0.380)	16481	0.50000	0.56
7 Vinyl chloride	62	3.504	3.504	(0.383)	14353	0.50000	0.54
8 1,3-Butadiene	54	3.563	3.558	(0.389)	9699	0.50000	0.53
9 Bromomethane	94	4.107	4.107	(0.449)	26704	0.50000	0.54
10 Chloroethane	64	4.305	4.305	(0.470)	11646	0.50000	0.53
11 2-Methylbutane	43	4.374	4.374	(0.478)	20951	0.50000	0.55
12 Vinyl bromide	106	4.678	4.673	(0.511)	33962	0.50000	0.54
13 Trichlorofluoromethane	101	4.769	4.764	(0.521)	74740	0.50000	0.55
14 Pentane	43	4.903	4.897	(0.535)	35746	0.50000	0.57

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ppb v/v)	(ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
15 Ethanol		45	5.313	5.271	(0.580)	74973	5.00000	5.2
16 Ethyl ether		59	5.415	5.378	(0.591)	19023	0.50000	0.52(Q)
17 1,1,2-Trichloro-1,2,2-trifluo		101	5.751	5.751	(0.628)	65355	0.50000	0.54
18 Acrolein		56	Compound Not Detected.					
19 1,1-Dichloroethene		96	5.826	5.815	(0.636)	32021	0.50000	0.53
20 Acetone		43	6.055	6.007	(0.661)	50179	0.50000	0.91(a)
21 Carbon disulfide		76	6.237	6.226	(0.681)	93786	0.50000	0.56
22 Isopropanol		45	6.397	6.279	(0.699)	22894	0.50000	0.50(a)
23 Allyl chloride		41	6.509	6.504	(0.711)	22082	0.50000	0.49(a)
24 Acetonitrile		41	6.610	6.584	(0.722)	13260	0.50000	0.47(a)
25 Methylene chloride		49	6.765	6.760	(0.739)	24856	0.50000	0.57
26 Tert-butyl alcohol		59	Compound Not Detected.					
27 Methyl tert-butyl ether		73	7.208	7.144	(0.787)	78069	0.50000	0.52
28 1,2-Dichloroethene (trans)		61	7.165	7.160	(0.783)	37374	0.50000	0.54
29 Acrylonitrile		53	7.277	7.245	(0.795)	14107	0.50000	0.44(a)
30 n-Hexane		57	7.491	7.491	(0.818)	41754	0.50000	0.55
31 1,1-Dichloroethane		63	7.891	7.891	(0.862)	47229	0.50000	0.54
32 Vinyl acetate		43	7.950	7.923	(0.868)	42223	0.50000	0.45(a)
M 33 1,2-Dichloroethene,Total		61				73674	1.00000	1.1
34 1,2-Dichloroethene (cis)		96	8.798	8.793	(0.961)	36300	0.50000	0.54
35 Ethyl acetate		88	Compound Not Detected.					
36 Methyl Ethyl Ketone		72	8.857	8.809	(0.967)	15816	0.50000	0.56
* 37 Bromochloromethane		128	9.156	9.156	(1.000)	624561	10.0000	
38 Tetrahydrofuran		42	9.257	9.204	(0.876)	22425	0.50000	0.53(a)
39 Chloroform		83	9.241	9.241	(1.009)	61685	0.50000	0.54
40 Cyclohexane		84	9.487	9.492	(0.898)	47158	0.50000	0.53
41 1,1,1-Trichloroethane		97	9.482	9.482	(0.897)	63252	0.50000	0.53
42 Carbon tetrachloride		117	9.684	9.684	(0.917)	65261	0.50000	0.51
43 2,2,4-Trimethylpentane		57	9.978	9.978	(0.944)	125921	0.50000	0.54
44 Benzene		78	10.010	10.010	(0.947)	102204	0.50000	0.54
45 1,2-Dichloroethane		62	10.122	10.117	(0.958)	30987	0.50000	0.52
46 n-Heptane		43	10.245	10.239	(0.970)	38622	0.50000	0.54
* 47 1,4-Difluorobenzene		114	10.565	10.570	(1.000)	2927060	10.0000	
48 n-Butanol		56	Compound Not Detected.					
49 Trichloroethene		95	10.928	10.928	(1.034)	45089	0.50000	0.52
50 1,2-Dichloropropane		63	11.291	11.291	(1.069)	31855	0.50000	0.54
51 Methyl methacrylate		69	11.398	11.366	(1.079)	26125	0.50000	0.44(a)
52 Dibromomethane		174	11.483	11.478	(1.087)	42820	0.50000	0.49
53 1,4-Dioxane		88	Compound Not Detected.					
54 Bromodichloromethane		83	11.659	11.659	(1.104)	60211	0.50000	0.49
55 1,3-Dichloropropene (cis)		75	12.289	12.283	(1.163)	47111	0.50000	0.49
56 Methyl isobutyl ketone		43	12.545	12.476	(1.187)	38842	0.50000	0.45(a)
57 n-Octane		43	12.716	12.716	(1.204)	52587	0.50000	0.56
58 Toluene		92	12.710	12.705	(0.865)	78552	0.50000	0.54
59 1,3-Dichloropropene (trans)		75	13.089	13.079	(1.239)	47775	0.50000	0.49
60 1,1,2-Trichloroethane		83	13.346	13.346	(0.908)	34791	0.50000	0.52
61 Tetrachloroethene		166	13.474	13.474	(0.917)	71599	0.50000	0.52

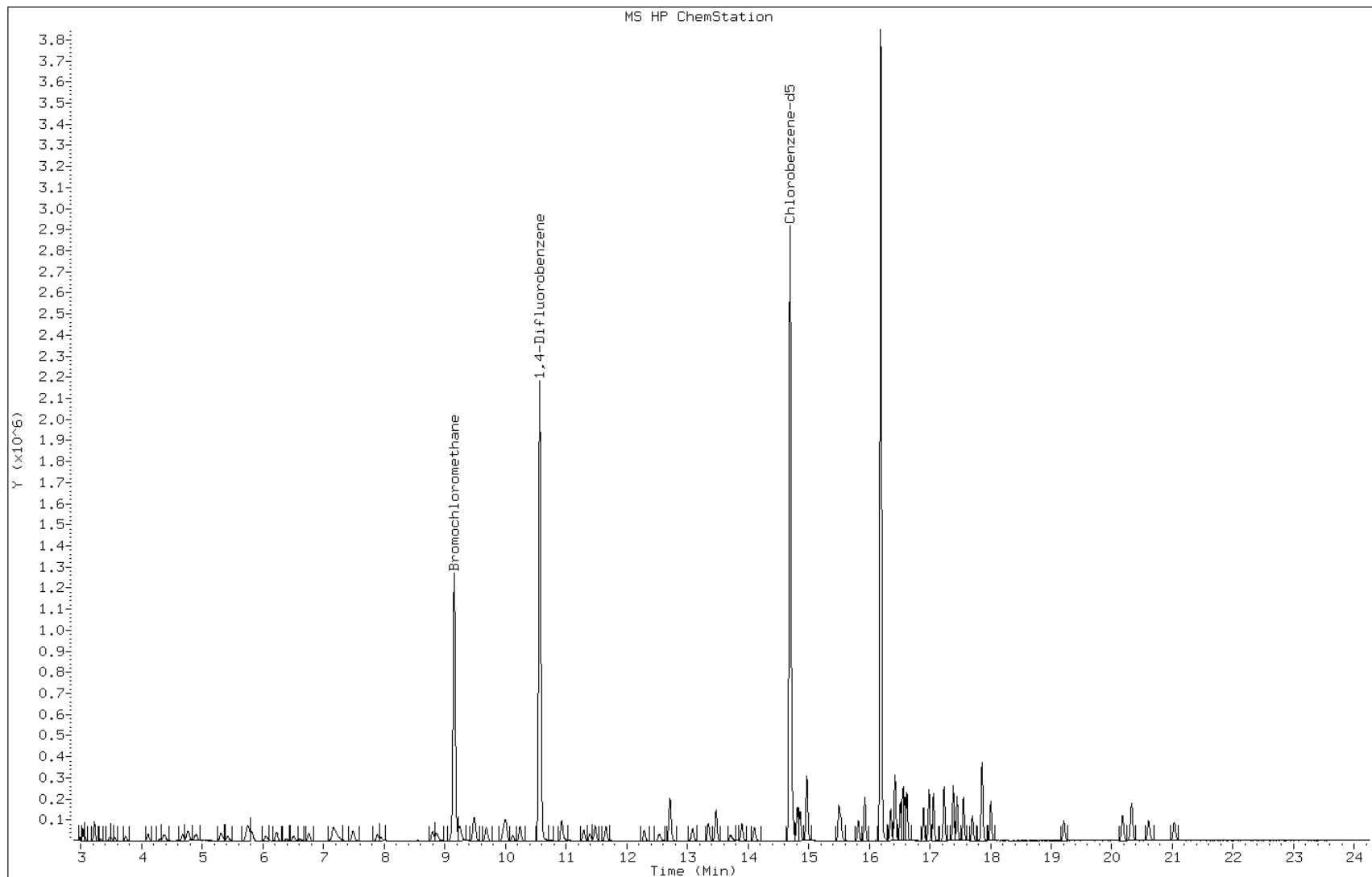
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.714	13.655 (0.933)		34552	0.50000	0.42(a)
63 Dibromochloromethane	129	13.901	13.901 (0.946)		67769	0.50000	0.47
64 1,2-Dibromoethane	107	14.109	14.103 (0.960)		67824	0.50000	0.50
* 65 Chlorobenzene-d5	117	14.696	14.696 (1.000)		2646178	10.0000	
66 Chlorobenzene	112	14.738	14.738 (1.003)		114585	0.50000	0.53
67 n-Nonane	57	14.867	14.861 (1.012)		60592	0.50000	0.56
68 Ethylbenzene	91	14.819	14.813 (1.008)		165130	0.50000	0.53
69 Xylene (m,p)	106	14.973	14.973 (1.019)		144364	1.00000	1.1
M 70 Xylenes, Total	106				212811	0.50000	1.6
71 Xylene (o)	106	15.502	15.502 (1.055)		68447	0.50000	0.52
72 Styrene	104	15.534	15.528 (1.057)		89370	0.50000	0.46
73 Bromoform	173	15.822	15.822 (1.077)		61281	0.50000	0.43
74 Isopropylbenzene	105	15.929	15.929 (1.084)		192020	0.50000	0.52
75 1,1,2,2-Tetrachloroethane	83	16.361	16.356 (1.113)		93208	0.50000	0.54
76 n-Propylbenzene	91	16.420	16.425 (1.117)		221920	0.50000	0.55
77 1,2,3-Trichloropropane	75	16.436	16.436 (1.118)		65905	0.50000	0.57
78 n-Decane	57	16.516	16.516 (1.124)		77157	0.50000	0.59
79 4-Ethyltoluene	105	16.553	16.553 (1.126)		196627	0.50000	0.53
80 2-Chlorotoluene	91	16.585	16.585 (1.129)		169110	0.50000	0.54
81 1,3,5-Trimethylbenzene	105	16.622	16.622 (1.131)		159689	0.50000	0.52
82 Alpha Methyl Styrene	118	16.900	16.895 (1.150)		67024	0.50000	0.42
83 tert-butylbenzene	119	16.991	16.991 (1.156)		159913	0.50000	0.53
84 1,2,4-Trimethylbenzene	105	17.060	17.060 (1.161)		158310	0.50000	0.52
85 sec-Butylbenzene	105	17.236	17.236 (1.173)		238777	0.50000	0.53
86 4-Isopropyltoluene	119	17.386	17.386 (1.183)		197273	0.50000	0.51
87 1,3-Dichlorobenzene	146	17.450	17.450 (1.187)		122520	0.50000	0.51
88 1,4-Dichlorobenzene	146	17.556	17.556 (1.195)		120496	0.50000	0.50
89 Benzyl chloride	91	17.700	17.700 (1.204)		120829	0.50000	0.48
90 Undecane	57	17.855	17.855 (1.215)		80145	0.50000	0.65(a)
91 n-Butylbenzene	91	17.866	17.866 (1.216)		171419	0.50000	0.56
92 1,2-Dichlorobenzene	146	18.010	18.005 (1.226)		116255	0.50000	0.51
93 Dodecane	57	19.211	19.200 (1.307)		49025	0.50000	0.44(a)
94 1,2,4-Trichlorobenzene	180	20.171	20.171 (1.373)		72522	0.50000	0.44(a)
95 1,3-Hexachlorobutadiene	225	20.326	20.326 (1.383)		60712	0.50000	0.51
96 Naphthalene	128	20.609	20.598 (1.402)		157119	0.50000	0.42(a)
97 1,2,3-Trichlorobenzene	180	21.031	21.025 (1.431)		58524	0.50000	0.43

QC Flag Legend

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

Data File: bkl004.d
Client ID: IC 279315
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 279315
Lab Sample ID: IC 279315

Date: 30-JAN-2012 18:10
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl005.d
Lab Smp Id: IC 275709 Client Smp ID: IC 275709
Inj Date : 30-JAN-2012 19:02
Operator : pad Inst ID: B.i
Smp Info : IC 275709
Misc Info : 200,1, level 3
Comment :
Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
Cal Date : 30-JAN-2012 19:02 Cal File: bkl005.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.986	2.981	(0.326)	68047	5.00000	5.2
2 Dichlorodifluoromethane	85	3.034	3.035	(0.331)	490550	5.00000	5.4
3 Chlorodifluoromethane	51	3.066	3.067	(0.335)	178000	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.221	3.221	(0.352)	495081	5.00000	5.4
5 Chloromethane	50	3.328	3.328	(0.363)	93202	5.00000	5.4
6 Butane	43	3.477	3.472	(0.380)	152165	5.00000	5.3
7 Vinyl chloride	62	3.504	3.504	(0.383)	139310	5.00000	5.4
8 1,3-Butadiene	54	3.563	3.558	(0.389)	95186	5.00000	5.4
9 Bromomethane	94	4.107	4.107	(0.449)	253521	5.00000	5.3
10 Chloroethane	64	4.310	4.305	(0.471)	115512	5.00000	5.5
11 2-Methylbutane	43	4.374	4.374	(0.478)	195567	5.00000	5.3
12 Vinyl bromide	106	4.678	4.673	(0.511)	320211	5.00000	5.3
13 Trichlorofluoromethane	101	4.769	4.764	(0.521)	688474	5.00000	5.2
14 Pentane	43	4.897	4.897	(0.535)	328781	5.00000	5.4

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.287	5.271	(0.577)	143781	10.0000	10
16 Ethyl ether	59	5.388	5.378	(0.588)	186982	5.00000	5.3
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.756	5.751	(0.629)	601300	5.00000	5.2
18 Acrolein	56	5.730	5.719	(0.626)	93775	5.00000	5.4
19 1,1-Dichloroethene	96	5.820	5.815	(0.636)	300730	5.00000	5.1
20 Acetone	43	6.018	6.007	(0.657)	318194	5.00000	6.0
21 Carbon disulfide	76	6.231	6.226	(0.681)	859063	5.00000	5.3
22 Isopropanol	45	6.311	6.279	(0.689)	221909	5.00000	5.0
23 Allyl chloride	41	6.509	6.504	(0.711)	233890	5.00000	5.3
24 Acetonitrile	41	6.589	6.584	(0.720)	143269	5.00000	5.2
25 Methylene chloride	49	6.760	6.760	(0.738)	225623	5.00000	5.4
26 Tert-butyl alcohol	59	7.021	6.989	(0.767)	376975	5.00000	5.0
27 Methyl tert-butyl ether	73	7.155	7.144	(0.781)	757162	5.00000	5.2
28 1,2-Dichloroethene (trans)	61	7.165	7.160	(0.783)	354662	5.00000	5.3
29 Acrylonitrile	53	7.251	7.245	(0.792)	165612	5.00000	5.3
30 n-Hexane	57	7.491	7.491	(0.818)	389066	5.00000	5.3
31 1,1-Dichloroethane	63	7.891	7.891	(0.862)	450011	5.00000	5.3
32 Vinyl acetate	43	7.928	7.923	(0.866)	486879	5.00000	5.4
M 33 1,2-Dichloroethene,Total	61				696634	10.0000	11
34 1,2-Dichloroethene (cis)	96	8.793	8.793	(0.960)	341972	5.00000	5.2
35 Ethyl acetate	88	8.841	8.831	(0.966)	28531	5.00000	5.3
36 Methyl Ethyl Ketone	72	8.820	8.809	(0.963)	143629	5.00000	5.3
* 37 Bromochloromethane	128	9.156	9.156	(1.000)	604834	10.0000	
38 Tetrahydrofuran	42	9.215	9.204	(0.872)	219695	5.00000	5.5
39 Chloroform	83	9.241	9.241	(1.009)	576030	5.00000	5.2
40 Cyclohexane	84	9.492	9.492	(0.898)	444303	5.00000	5.3
41 1,1,1-Trichloroethane	97	9.481	9.482	(0.897)	589002	5.00000	5.1
42 Carbon tetrachloride	117	9.690	9.684	(0.917)	619481	5.00000	5.1
43 2,2,4-Trimethylpentane	57	9.978	9.978	(0.944)	1187879	5.00000	5.4
44 Benzene	78	10.010	10.010	(0.947)	936436	5.00000	5.2
45 1,2-Dichloroethane	62	10.117	10.117	(0.958)	299245	5.00000	5.2
46 n-Heptane	43	10.239	10.239	(0.969)	369497	5.00000	5.4
* 47 1,4-Difluorobenzene	114	10.565	10.570	(1.000)	2798498	10.0000	
48 n-Butanol	56	10.906	10.869	(1.032)	111649	5.00000	4.7(a)
49 Trichloroethene	95	10.928	10.928	(1.034)	426361	5.00000	5.2
50 1,2-Dichloropropane	63	11.291	11.291	(1.069)	296651	5.00000	5.2
51 Methyl methacrylate	69	11.371	11.366	(1.076)	300113	5.00000	5.3
52 Dibromomethane	174	11.477	11.478	(1.086)	423094	5.00000	5.0
53 1,4-Dioxane	88	11.504	11.478	(1.089)	142567	5.00000	5.0
54 Bromodichloromethane	83	11.654	11.659	(1.103)	620973	5.00000	5.3
55 1,3-Dichloropropene (cis)	75	12.283	12.283	(1.163)	484626	5.00000	5.3
56 Methyl isobutyl ketone	43	12.486	12.476	(1.182)	442382	5.00000	5.4
57 n-Octane	43	12.716	12.716	(1.204)	497158	5.00000	5.5
58 Toluene	92	12.705	12.705	(0.865)	742838	5.00000	5.3
59 1,3-Dichloropropene (trans)	75	13.084	13.079	(1.238)	488683	5.00000	5.3
60 1,1,2-Trichloroethane	83	13.345	13.346	(0.908)	343786	5.00000	5.3
61 Tetrachloroethene	166	13.473	13.474	(0.917)	673939	5.00000	5.0

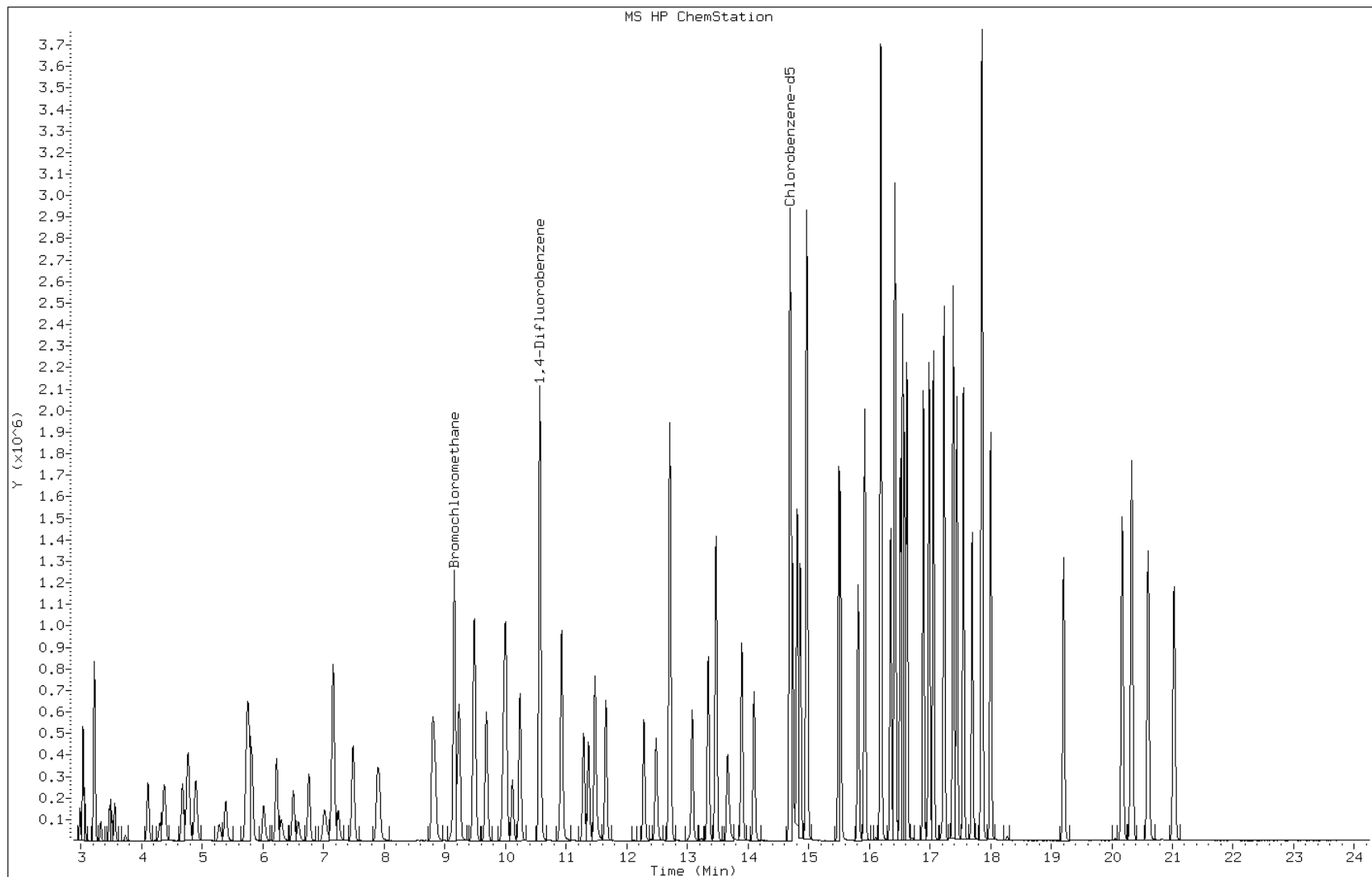
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.666	13.655	(0.930)	437341	5.00000	5.5
63 Dibromochloromethane	129	13.900	13.901	(0.946)	742443	5.00000	5.3
64 1,2-Dibromoethane	107	14.103	14.103	(0.960)	689028	5.00000	5.3
* 65 Chlorobenzene-d5	117	14.696	14.696	(1.000)	2550827	10.0000	
66 Chlorobenzene	112	14.738	14.738	(1.003)	1064231	5.00000	5.1
67 n-Nonane	57	14.861	14.861	(1.011)	576945	5.00000	5.5
68 Ethylbenzene	91	14.813	14.813	(1.008)	1568258	5.00000	5.3
69 Xylene (m,p)	106	14.968	14.973	(1.019)	1368772	10.0000	11
M 70 Xylenes, Total	106				2035577	5.00000	16
71 Xylene (o)	106	15.502	15.502	(1.055)	666805	5.00000	5.3
72 Styrene	104	15.528	15.528	(1.057)	1007088	5.00000	5.4
73 Bromoform	173	15.816	15.822	(1.076)	734454	5.00000	5.3
74 Isopropylbenzene	105	15.928	15.929	(1.084)	1852915	5.00000	5.2
75 1,1,2,2-Tetrachloroethane	83	16.355	16.356	(1.113)	901512	5.00000	5.4
76 n-Propylbenzene	91	16.419	16.425	(1.117)	2132642	5.00000	5.5
77 1,2,3-Trichloropropane	75	16.430	16.436	(1.118)	623770	5.00000	5.6
78 n-Decane	57	16.516	16.516	(1.124)	730503	5.00000	5.8
79 4-Ethyltoluene	105	16.553	16.553	(1.126)	1930759	5.00000	5.4
80 2-Chlorotoluene	91	16.585	16.585	(1.129)	1605883	5.00000	5.3
81 1,3,5-Trimethylbenzene	105	16.622	16.622	(1.131)	1549453	5.00000	5.2
82 Alpha Methyl Styrene	118	16.894	16.895	(1.150)	851047	5.00000	5.5
83 tert-butylbenzene	119	16.991	16.991	(1.156)	1521078	5.00000	5.2
84 1,2,4-Trimethylbenzene	105	17.060	17.060	(1.161)	1552744	5.00000	5.3
85 sec-Butylbenzene	105	17.236	17.236	(1.173)	2298372	5.00000	5.3
86 4-Isopropyltoluene	119	17.385	17.386	(1.183)	1961774	5.00000	5.3
87 1,3-Dichlorobenzene	146	17.449	17.450	(1.187)	1185430	5.00000	5.1
88 1,4-Dichlorobenzene	146	17.556	17.556	(1.195)	1198254	5.00000	5.1
89 Benzyl chloride	91	17.700	17.700	(1.204)	1329186	5.00000	5.5
90 Undecane	57	17.855	17.855	(1.215)	767669	5.00000	6.4
91 n-Butylbenzene	91	17.866	17.866	(1.216)	1664759	5.00000	5.6
92 1,2-Dichlorobenzene	146	18.005	18.005	(1.225)	1129062	5.00000	5.1
93 Dodecane	57	19.200	19.200	(1.306)	647608	5.00000	6.0
94 1,2,4-Trichlorobenzene	180	20.171	20.171	(1.373)	835445	5.00000	5.3
95 1,3-Hexachlorobutadiene	225	20.326	20.326	(1.383)	594960	5.00000	5.2
96 Naphthalene	128	20.598	20.598	(1.402)	1973631	5.00000	5.5
97 1,2,3-Trichlorobenzene	180	21.025	21.025	(1.431)	726622	5.00000	5.6

QC Flag Legend

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

Data File: bkl005.d
Client ID: IC 275709
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 275709
Lab Sample ID: IC 275709

Date: 30-JAN-2012 19:02
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl006.d
Lab Smp Id: ICIS 279078 Client Smp ID: ICIS 279078
Inj Date : 30-JAN-2012 19:54
Operator : pad Inst ID: B.i
Smp Info : ICIS 279078
Misc Info : 200,1, level 4
Comment :
Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
Cal Date : 30-JAN-2012 19:54 Cal File: bkl006.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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

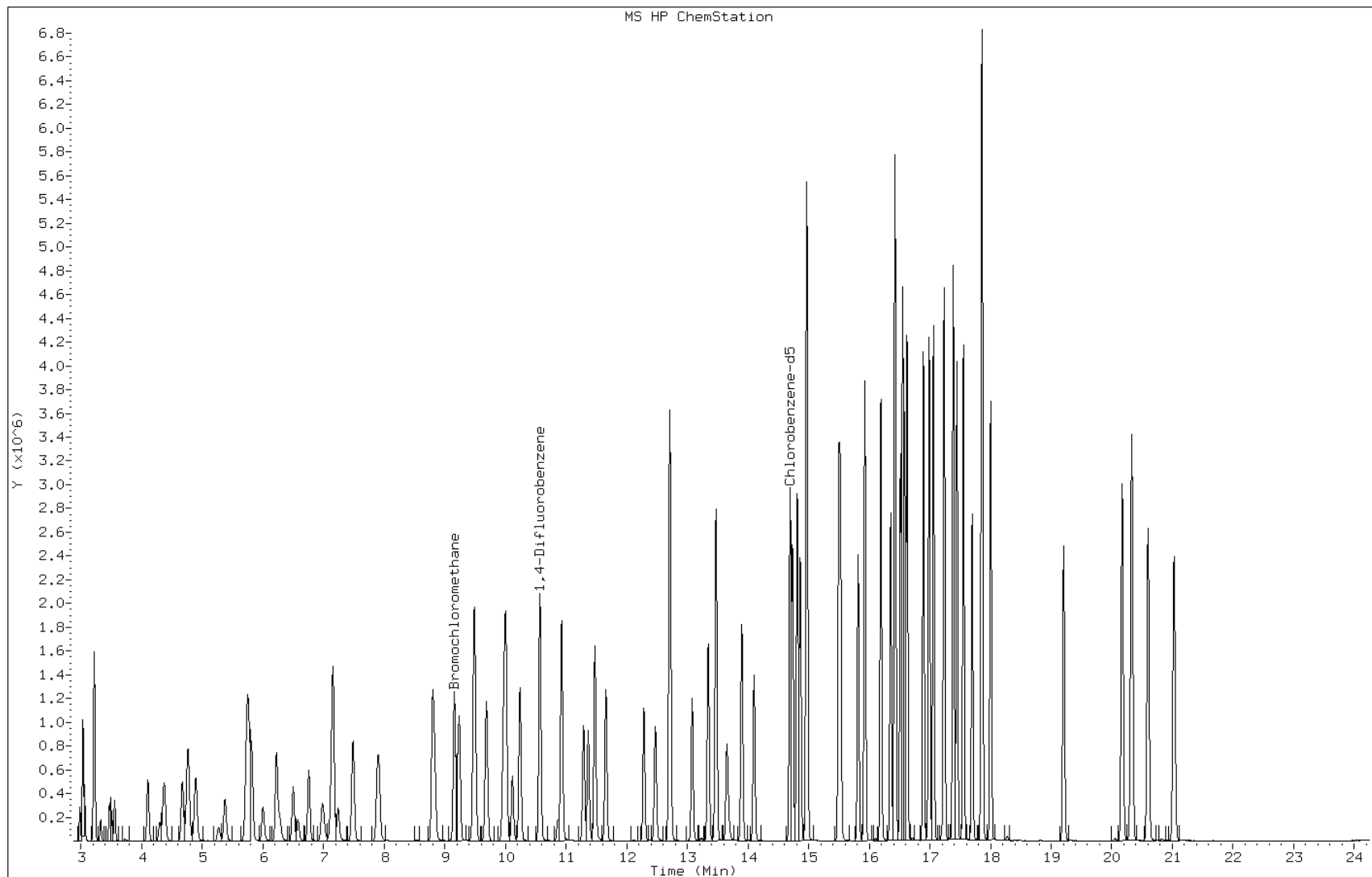
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.981	2.981	(0.326)	129709	10.0000	10
2 Dichlorodifluoromethane	85	3.035	3.035	(0.331)	934302	10.0000	10
3 Chlorodifluoromethane	51	3.067	3.067	(0.335)	340017	10.0000	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.221	3.221	(0.352)	927817	10.0000	10
5 Chloromethane	50	3.328	3.328	(0.363)	176069	10.0000	10
6 Butane	43	3.472	3.472	(0.379)	288943	10.0000	10
7 Vinyl chloride	62	3.504	3.504	(0.383)	260982	10.0000	10
8 1,3-Butadiene	54	3.558	3.558	(0.389)	181930	10.0000	10
9 Bromomethane	94	4.107	4.107	(0.449)	479329	10.0000	10
10 Chloroethane	64	4.305	4.305	(0.470)	217296	10.0000	10
11 2-Methylbutane	43	4.374	4.374	(0.478)	370115	10.0000	10
12 Vinyl bromide	106	4.673	4.673	(0.510)	609617	10.0000	10
13 Trichlorofluoromethane	101	4.764	4.764	(0.520)	1314700	10.0000	10
14 Pentane	43	4.897	4.897	(0.535)	617467	10.0000	10

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.271	5.271	(0.576)	212316	15.0000	15
16 Ethyl ether	59	5.378	5.378	(0.587)	358376	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.751	5.751	(0.628)	1154424	10.0000	9.9
18 Acrolein	56	5.719	5.719	(0.625)	176599	10.0000	10
19 1,1-Dichloroethene	96	5.815	5.815	(0.635)	582813	10.0000	10
20 Acetone	43	6.007	6.007	(0.656)	545633	10.0000	10
21 Carbon disulfide	76	6.226	6.226	(0.680)	1635881	10.0000	10
22 Isopropanol	45	6.279	6.279	(0.686)	474780	10.0000	11
23 Allyl chloride	41	6.504	6.504	(0.710)	446860	10.0000	10
24 Acetonitrile	41	6.584	6.584	(0.719)	296473	10.0000	11
25 Methylene chloride	49	6.760	6.760	(0.738)	425068	10.0000	10
26 Tert-butyl alcohol	59	6.989	6.989	(0.763)	787244	10.0000	10
27 Methyl tert-butyl ether	73	7.144	7.144	(0.780)	1453084	10.0000	10
28 1,2-Dichloroethene (trans)	61	7.160	7.160	(0.782)	673363	10.0000	10
29 Acrylonitrile	53	7.245	7.245	(0.791)	329246	10.0000	11
30 n-Hexane	57	7.491	7.491	(0.818)	739469	10.0000	10
31 1,1-Dichloroethane	63	7.891	7.891	(0.862)	863008	10.0000	10
32 Vinyl acetate	43	7.923	7.923	(0.865)	947774	10.0000	10
M 33 1,2-Dichloroethene,Total	61				1330880	20.0000	20
34 1,2-Dichloroethene (cis)	96	8.793	8.793	(0.960)	657517	10.0000	10
35 Ethyl acetate	88	8.831	8.831	(0.964)	55537	10.0000	10
36 Methyl Ethyl Ketone	72	8.809	8.809	(0.962)	277770	10.0000	10
* 37 Bromochloromethane	128	9.156	9.156	(1.000)	602385	10.0000	
38 Tetrahydrofuran	42	9.204	9.204	(0.871)	421613	10.0000	11
39 Chloroform	83	9.241	9.241	(1.009)	1102480	10.0000	10
40 Cyclohexane	84	9.492	9.492	(0.898)	836724	10.0000	10
41 1,1,1-Trichloroethane	97	9.482	9.482	(0.897)	1141558	10.0000	10
42 Carbon tetrachloride	117	9.684	9.684	(0.916)	1204471	10.0000	10
43 2,2,4-Trimethylpentane	57	9.978	9.978	(0.944)	2245366	10.0000	10
44 Benzene	78	10.010	10.010	(0.947)	1779929	10.0000	10
45 1,2-Dichloroethane	62	10.117	10.117	(0.957)	572841	10.0000	10
46 n-Heptane	43	10.239	10.239	(0.969)	696548	10.0000	10
* 47 1,4-Difluorobenzene	114	10.570	10.570	(1.000)	2782792	10.0000	
48 n-Butanol	56	10.869	10.869	(1.028)	244006	10.0000	10
49 Trichloroethene	95	10.928	10.928	(1.034)	824430	10.0000	10
50 1,2-Dichloropropane	63	11.291	11.291	(1.068)	573251	10.0000	10
51 Methyl methacrylate	69	11.366	11.366	(1.075)	596175	10.0000	11
52 Dibromomethane	174	11.478	11.478	(1.086)	845035	10.0000	10
53 1,4-Dioxane	88	11.478	11.478	(1.086)	302879	10.0000	11
54 Bromodichloromethane	83	11.659	11.659	(1.103)	1205323	10.0000	10
55 1,3-Dichloropropene (cis)	75	12.283	12.283	(1.162)	954725	10.0000	10
56 Methyl isobutyl ketone	43	12.476	12.476	(1.180)	868613	10.0000	11
57 n-Octane	43	12.716	12.716	(1.203)	922643	10.0000	10
58 Toluene	92	12.705	12.705	(0.865)	1417553	10.0000	10
59 1,3-Dichloropropene (trans)	75	13.079	13.079	(1.237)	961500	10.0000	10
60 1,1,2-Trichloroethane	83	13.346	13.346	(0.908)	656972	10.0000	10
61 Tetrachloroethene	166	13.474	13.474	(0.917)	1326658	10.0000	9.9

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.655	13.655	(0.929)	846648	10.0000	11
63 Dibromochloromethane	129	13.901	13.901	(0.946)	1480428	10.0000	11
64 1,2-Dibromoethane	107	14.103	14.103	(0.960)	1357658	10.0000	10
* 65 Chlorobenzene-d5	117	14.696	14.696	(1.000)	2552908	10.0000	
66 Chlorobenzene	112	14.738	14.738	(1.003)	2058737	10.0000	9.9
67 n-Nonane	57	14.861	14.861	(1.011)	1073130	10.0000	10
68 Ethylbenzene	91	14.813	14.813	(1.008)	3009711	10.0000	10
69 Xylene (m,p)	106	14.973	14.973	(1.019)	2619216	20.0000	20
M 70 Xylenes, Total	106				3905749	10.0000	31
71 Xylene (o)	106	15.502	15.502	(1.055)	1286533	10.0000	10
72 Styrene	104	15.528	15.528	(1.057)	2000691	10.0000	11
73 Bromoform	173	15.822	15.822	(1.077)	1499887	10.0000	11
74 Isopropylbenzene	105	15.929	15.929	(1.084)	3601118	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	16.356	16.356	(1.113)	1737547	10.0000	10
76 n-Propylbenzene	91	16.425	16.425	(1.118)	4040474	10.0000	10
77 1,2,3-Trichloropropane	75	16.436	16.436	(1.118)	1180848	10.0000	11
78 n-Decane	57	16.516	16.516	(1.124)	1343652	10.0000	11
79 4-Ethyltoluene	105	16.553	16.553	(1.126)	3706529	10.0000	10
80 2-Chlorotoluene	91	16.585	16.585	(1.129)	3075604	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.622	16.622	(1.131)	3014026	10.0000	10
82 Alpha Methyl Styrene	118	16.895	16.895	(1.150)	1712319	10.0000	11
83 tert-butylbenzene	119	16.991	16.991	(1.156)	2949931	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.060	17.060	(1.161)	2997861	10.0000	10
85 sec-Butylbenzene	105	17.236	17.236	(1.173)	4397955	10.0000	10
86 4-Isopropyltoluene	119	17.386	17.386	(1.183)	3798504	10.0000	10
87 1,3-Dichlorobenzene	146	17.450	17.450	(1.187)	2337469	10.0000	10
88 1,4-Dichlorobenzene	146	17.556	17.556	(1.195)	2359529	10.0000	10
89 Benzyl chloride	91	17.700	17.700	(1.204)	2533205	10.0000	10
90 Undecane	57	17.855	17.855	(1.215)	1347139	10.0000	11
91 n-Butylbenzene	91	17.866	17.866	(1.216)	3112758	10.0000	10
92 1,2-Dichlorobenzene	146	18.005	18.005	(1.225)	2207238	10.0000	10
93 Dodecane	57	19.200	19.200	(1.306)	1216352	10.0000	11
94 1,2,4-Trichlorobenzene	180	20.171	20.171	(1.373)	1693011	10.0000	11
95 1,3-Hexachlorobutadiene	225	20.326	20.326	(1.383)	1169429	10.0000	10
96 Naphthalene	128	20.598	20.598	(1.402)	3880952	10.0000	11
97 1,2,3-Trichlorobenzene	180	21.025	21.025	(1.431)	1466390	10.0000	11

Data File: bkl006.d
Client ID: ICIS 279078
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ICIS 279078
Lab Sample ID: ICIS 279078

Date: 30-JAN-2012 19:54
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl007.d
Lab Smp Id: IC 279073 Client Smp ID: IC 279073
Inj Date : 30-JAN-2012 20:46
Operator : pad Inst ID: B.i
Smp Info : IC 279073
Misc Info : 200,1, level 5
Comment :
Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
Cal Date : 30-JAN-2012 20:46 Cal File: bkl007.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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

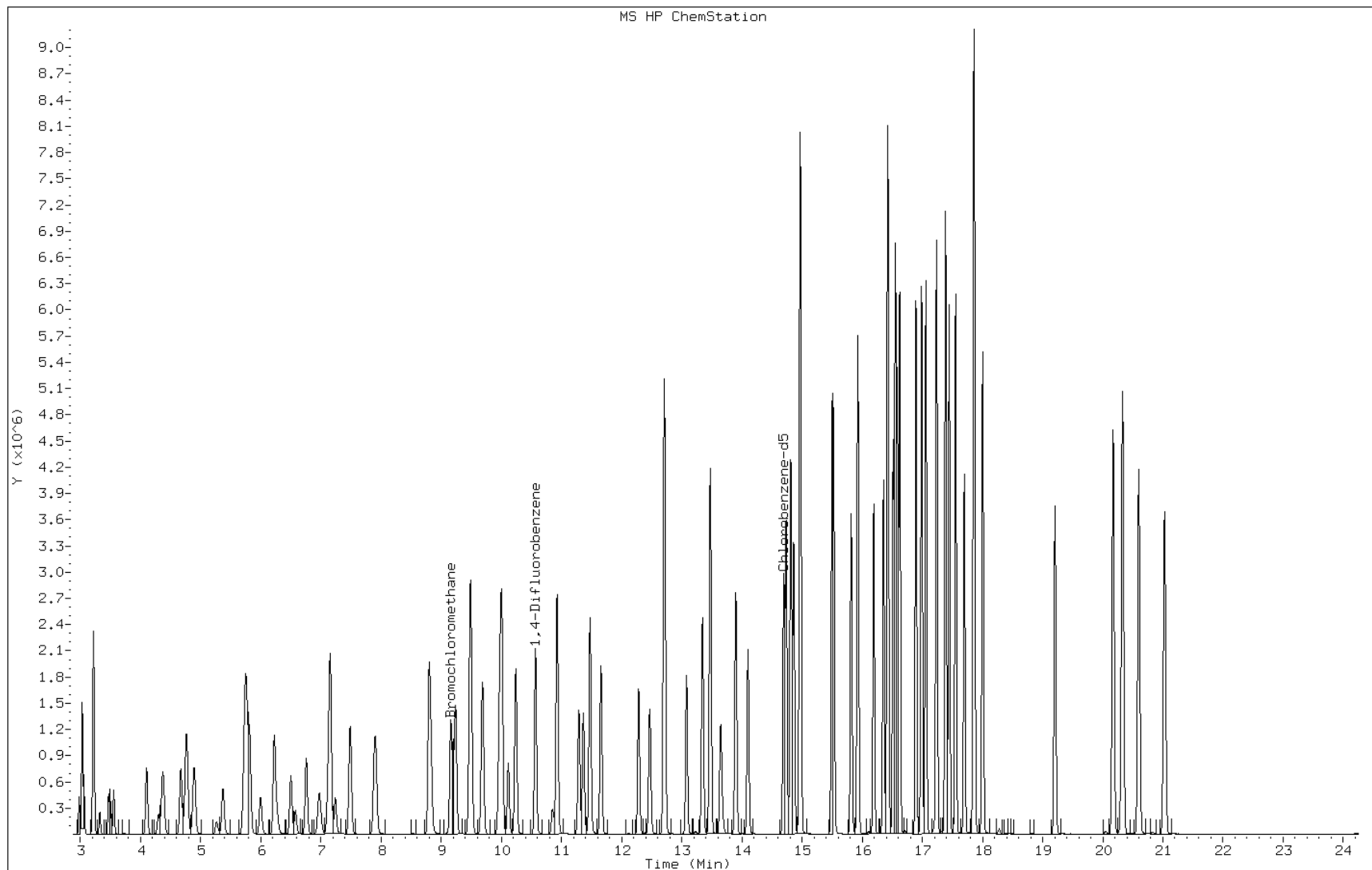
Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	
1 Propene	41	2.981	2.981	(0.326)	190880	15.0000	14	
2 Dichlorodifluoromethane	85	3.034	3.035	(0.331)	1370977	15.0000	15	
3 Chlorodifluoromethane	51	3.061	3.067	(0.334)	497267	15.0000	15	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.221	3.221	(0.352)	1359907	15.0000	15	
5 Chloromethane	50	3.328	3.328	(0.363)	259867	15.0000	15	
6 Butane	43	3.472	3.472	(0.379)	424697	15.0000	15	
7 Vinyl chloride	62	3.504	3.504	(0.383)	387668	15.0000	15	
8 1,3-Butadiene	54	3.557	3.558	(0.389)	267503	15.0000	15	
9 Bromomethane	94	4.107	4.107	(0.449)	710529	15.0000	15	
10 Chloroethane	64	4.299	4.305	(0.470)	318760	15.0000	15	
11 2-Methylbutane	43	4.374	4.374	(0.478)	537732	15.0000	14	
12 Vinyl bromide	106	4.673	4.673	(0.510)	913054	15.0000	15	
13 Trichlorofluoromethane	101	4.769	4.764	(0.521)	1961159	15.0000	15	
14 Pentane	43	4.897	4.897	(0.535)	897873	15.0000	14	

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.265	5.271	(0.575)	272882	20.0000	19
16 Ethyl ether	59	5.377	5.378	(0.587)	533086	15.0000	15
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.756	5.751	(0.629)	1727130	15.0000	15
18 Acrolein	56	5.719	5.719	(0.625)	258573	15.0000	15
19 1,1-Dichloroethene	96	5.820	5.815	(0.636)	872172	15.0000	15
20 Acetone	43	6.002	6.007	(0.656)	797365	15.0000	15
21 Carbon disulfide	76	6.226	6.226	(0.680)	2438735	15.0000	15
22 Isopropanol	45	6.269	6.279	(0.685)	692594	15.0000	15
23 Allyl chloride	41	6.503	6.504	(0.710)	659690	15.0000	15
24 Acetonitrile	41	6.583	6.584	(0.719)	429537	15.0000	15
25 Methylene chloride	49	6.760	6.760	(0.738)	620283	15.0000	14
26 Tert-butyl alcohol	59	6.978	6.989	(0.762)	1187597	15.0000	15
27 Methyl tert-butyl ether	73	7.139	7.144	(0.780)	2179357	15.0000	15
28 1,2-Dichloroethene (trans)	61	7.165	7.160	(0.783)	989778	15.0000	15
29 Acrylonitrile	53	7.245	7.245	(0.791)	484331	15.0000	15
30 n-Hexane	57	7.491	7.491	(0.818)	1087499	15.0000	14
31 1,1-Dichloroethane	63	7.891	7.891	(0.862)	1269895	15.0000	15
32 Vinyl acetate	43	7.923	7.923	(0.865)	1404071	15.0000	15
M 33 1,2-Dichloroethene,Total	61				1979147	30.0000	29
34 1,2-Dichloroethene (cis)	96	8.793	8.793	(0.960)	989369	15.0000	15
35 Ethyl acetate	88	8.836	8.831	(0.965)	82631	15.0000	15
36 Methyl Ethyl Ketone	72	8.809	8.809	(0.962)	410406	15.0000	15
* 37 Bromochloromethane	128	9.156	9.156	(1.000)	615856	10.0000	
38 Tetrahydrofuran	42	9.199	9.204	(0.870)	611851	15.0000	15
39 Chloroform	83	9.241	9.241	(1.009)	1643371	15.0000	15
40 Cyclohexane	84	9.492	9.492	(0.898)	1241587	15.0000	14
41 1,1,1-Trichloroethane	97	9.481	9.482	(0.897)	1721343	15.0000	15
42 Carbon tetrachloride	117	9.684	9.684	(0.916)	1830793	15.0000	15
43 2,2,4-Trimethylpentane	57	9.978	9.978	(0.944)	3280777	15.0000	15
44 Benzene	78	10.010	10.010	(0.947)	2629663	15.0000	14
45 1,2-Dichloroethane	62	10.117	10.117	(0.957)	861555	15.0000	15
46 n-Heptane	43	10.239	10.239	(0.969)	1009256	15.0000	15
* 47 1,4-Difluorobenzene	114	10.570	10.570	(1.000)	2838811	15.0000	
48 n-Butanol	56	10.853	10.869	(1.027)	370519	15.0000	15
49 Trichloroethene	95	10.928	10.928	(1.034)	1235711	15.0000	15
50 1,2-Dichloropropane	63	11.291	11.291	(1.068)	845351	15.0000	15
51 Methyl methacrylate	69	11.365	11.366	(1.075)	901029	15.0000	16
52 Dibromomethane	174	11.477	11.478	(1.086)	1300888	15.0000	15
53 1,4-Dioxane	88	11.467	11.478	(1.085)	449131	15.0000	16
54 Bromodichloromethane	83	11.659	11.659	(1.103)	1811121	15.0000	15
55 1,3-Dichloropropene (cis)	75	12.283	12.283	(1.162)	1428294	15.0000	15
56 Methyl isobutyl ketone	43	12.465	12.476	(1.179)	1279333	15.0000	15
57 n-Octane	43	12.716	12.716	(1.203)	1300283	15.0000	14
58 Toluene	92	12.705	12.705	(0.865)	2095816	15.0000	15
59 1,3-Dichloropropene (trans)	75	13.079	13.079	(1.237)	1449508	15.0000	15
60 1,1,2-Trichloroethane	83	13.345	13.346	(0.908)	982957	15.0000	15
61 Tetrachloroethene	166	13.473	13.474	(0.917)	2052700	15.0000	15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.650	13.655	(0.929)	1254363	15.0000	16
63 Dibromochloromethane	129	13.900	13.901	(0.946)	2267385	15.0000	16
64 1,2-Dibromoethane	107	14.103	14.103	(0.960)	2048282	15.0000	15
* 65 Chlorobenzene-d5	117	14.696	14.696	(1.000)	2588418	10.0000	
66 Chlorobenzene	112	14.738	14.738	(1.003)	3092289	15.0000	15
67 n-Nonane	57	14.861	14.861	(1.011)	1548054	15.0000	15
68 Ethylbenzene	91	14.813	14.813	(1.008)	4483136	15.0000	15
69 Xylene (m,p)	106	14.973	14.973	(1.019)	3879250	30.0000	30
M 70 Xylenes, Total	106				5802865	15.0000	45
71 Xylene (o)	106	15.501	15.502	(1.055)	1923615	15.0000	15
72 Styrene	104	15.528	15.528	(1.057)	3026874	15.0000	16
73 Bromoform	173	15.822	15.822	(1.077)	2328551	15.0000	17
74 Isopropylbenzene	105	15.928	15.929	(1.084)	5371499	15.0000	15
75 1,1,2,2-Tetrachloroethane	83	16.355	16.356	(1.113)	2542907	15.0000	15
76 n-Propylbenzene	91	16.425	16.425	(1.118)	5866497	15.0000	15
77 1,2,3-Trichloropropane	75	16.435	16.436	(1.118)	1700348	15.0000	15
78 n-Decane	57	16.515	16.516	(1.124)	1889665	15.0000	15
79 4-Ethyltoluene	105	16.553	16.553	(1.126)	5486953	15.0000	15
80 2-Chlorotoluene	91	16.585	16.585	(1.129)	4545048	15.0000	15
81 1,3,5-Trimethylbenzene	105	16.628	16.622	(1.131)	4498063	15.0000	15
82 Alpha Methyl Styrene	118	16.894	16.895	(1.150)	2600741	15.0000	17
83 tert-butylbenzene	119	16.990	16.991	(1.156)	4417969	15.0000	15
84 1,2,4-Trimethylbenzene	105	17.060	17.060	(1.161)	4484364	15.0000	15
85 sec-Butylbenzene	105	17.241	17.236	(1.173)	6523314	15.0000	15
86 4-Isopropyltoluene	119	17.391	17.386	(1.183)	5686706	15.0000	15
87 1,3-Dichlorobenzene	146	17.449	17.450	(1.187)	3543629	15.0000	15
88 1,4-Dichlorobenzene	146	17.556	17.556	(1.195)	3584453	15.0000	15
89 Benzyl chloride	91	17.700	17.700	(1.204)	3816928	15.0000	15
90 Undecane	57	17.855	17.855	(1.215)	1848236	15.0000	15
91 n-Butylbenzene	91	17.866	17.866	(1.216)	4462656	15.0000	15
92 1,2-Dichlorobenzene	146	18.004	18.005	(1.225)	3362420	15.0000	15
93 Dodecane	57	19.205	19.200	(1.307)	1823131	15.0000	17
94 1,2,4-Trichlorobenzene	180	20.171	20.171	(1.373)	2642759	15.0000	16
95 1,3-Hexachlorobutadiene	225	20.326	20.326	(1.383)	1791327	15.0000	15
96 Naphthalene	128	20.598	20.598	(1.402)	6110535	15.0000	17
97 1,2,3-Trichlorobenzene	180	21.025	21.025	(1.431)	2293450	15.0000	17

Data File: bkl007.d
Client ID: IC 279073
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 279073
Lab Sample ID: IC 279073

Date: 30-JAN-2012 20:46
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl008.d
 Lab Smp Id: IC 279072 Client Smp ID: IC 279072
 Inj Date : 30-JAN-2012 21:39
 Operator : pad Inst ID: B.i
 Smp Info : IC 279072
 Misc Info : 200,1, level 6
 Comment :
 Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
 Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
 Cal Date : 30-JAN-2012 21:39 Cal File: bkl008.d
 Als bottle: 7 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allT015.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.987	2.981	(0.326)	250332	20.0000	18
2 Dichlorodifluoromethane	85		3.035	3.035	(0.331)	1816351	20.0000	19
3 Chlorodifluoromethane	51		3.067	3.067	(0.335)	652012	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.221	3.221	(0.352)	1783712	20.0000	19
5 Chloromethane	50		3.328	3.328	(0.363)	343525	20.0000	19
6 Butane	43		3.478	3.472	(0.380)	559614	20.0000	19
7 Vinyl chloride	62		3.504	3.504	(0.382)	510000	20.0000	19
8 1,3-Butadiene	54		3.563	3.558	(0.389)	352892	20.0000	19
9 Bromomethane	94		4.107	4.107	(0.448)	936901	20.0000	19
10 Chloroethane	64		4.305	4.305	(0.470)	418723	20.0000	19
11 2-Methylbutane	43		4.379	4.374	(0.478)	704544	20.0000	18
12 Vinyl bromide	106		4.678	4.673	(0.511)	1227753	20.0000	19
13 Trichlorofluoromethane	101		4.769	4.764	(0.521)	2652004	20.0000	19
14 Pentane	43		4.902	4.897	(0.535)	1193304	20.0000	19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.276	5.271 (0.576)		570655	40.0000	40
16 Ethyl ether	59	5.377	5.378 (0.587)		707882	20.0000	19
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.756	5.751 (0.628)		2338256	20.0000	19
18 Acrolein	56	5.719	5.719 (0.624)		350200	20.0000	19
19 1,1-Dichloroethene	96	5.820	5.815 (0.635)		1181435	20.0000	19
20 Acetone	43	6.002	6.007 (0.655)		1043619	20.0000	19
21 Carbon disulfide	76	6.231	6.226 (0.680)		3268120	20.0000	19
22 Isopropanol	45	6.279	6.279 (0.685)		927542	20.0000	20
23 Allyl chloride	41	6.509	6.504 (0.710)		872333	20.0000	19
24 Acetonitrile	41	6.584	6.584 (0.719)		556948	20.0000	19
25 Methylene chloride	49	6.765	6.760 (0.738)		820742	20.0000	19
26 Tert-butyl alcohol	59	6.989	6.989 (0.763)		1610086	20.0000	20
27 Methyl tert-butyl ether	73	7.144	7.144 (0.780)		2925652	20.0000	19
28 1,2-Dichloroethene (trans)	61	7.165	7.160 (0.782)		1304709	20.0000	19
29 Acrylonitrile	53	7.245	7.245 (0.791)		645362	20.0000	20
30 n-Hexane	57	7.496	7.491 (0.818)		1436164	20.0000	19
31 1,1-Dichloroethane	63	7.896	7.891 (0.862)		1685498	20.0000	19
32 Vinyl acetate	43	7.928	7.923 (0.865)		1833241	20.0000	19
M 33 1,2-Dichloroethene,Total	61				2627761	40.0000	38
34 1,2-Dichloroethene (cis)	96	8.798	8.793 (0.960)		1323052	20.0000	19
35 Ethyl acetate	88	8.836	8.831 (0.964)		111980	20.0000	20
36 Methyl Ethyl Ketone	72	8.809	8.809 (0.962)		544478	20.0000	19(Q)
* 37 Bromochloromethane	128	9.161	9.156 (1.000)		631363	10.0000	
38 Tetrahydrofuran	42	9.199	9.204 (0.870)		800255	20.0000	19
39 Chloroform	83	9.241	9.241 (1.009)		2207718	20.0000	19
40 Cyclohexane	84	9.498	9.492 (0.898)		1656041	20.0000	19
41 1,1,1-Trichloroethane	97	9.487	9.482 (0.898)		2322486	20.0000	20
42 Carbon tetrachloride	117	9.690	9.684 (0.917)		2496317	20.0000	20
43 2,2,4-Trimethylpentane	57	9.978	9.978 (0.944)		4281251	20.0000	19
44 Benzene	78	10.015	10.010 (0.947)		3487122	20.0000	19
45 1,2-Dichloroethane	62	10.117	10.117 (0.957)		1158072	20.0000	19
46 n-Heptane	43	10.245	10.239 (0.969)		1307925	20.0000	19
* 47 1,4-Difluorobenzene	114	10.570	10.570 (1.000)		2891863	10.0000	
48 n-Butanol	56	10.858	10.869 (1.027)		511574	20.0000	21
49 Trichloroethene	95	10.928	10.928 (1.034)		1656397	20.0000	19
50 1,2-Dichloropropane	63	11.296	11.291 (1.069)		1106968	20.0000	19
51 Methyl methacrylate	69	11.371	11.366 (1.076)		1202276	20.0000	20
52 Dibromomethane	174	11.478	11.478 (1.086)		1800868	20.0000	21
53 1,4-Dioxane	88	11.472	11.478 (1.085)		600749	20.0000	21
54 Bromodichloromethane	83	11.659	11.659 (1.103)		2429202	20.0000	20
55 1,3-Dichloropropene (cis)	75	12.289	12.283 (1.163)		1916061	20.0000	20
56 Methyl isobutyl ketone	43	12.470	12.476 (1.180)		1679408	20.0000	20
57 n-Octane	43	12.721	12.716 (1.203)		1630314	20.0000	18
58 Toluene	92	12.710	12.705 (0.865)		2762943	20.0000	19
59 1,3-Dichloropropene (trans)	75	13.084	13.079 (1.238)		1945540	20.0000	20
60 1,1,2-Trichloroethane	83	13.345	13.346 (0.908)		1306926	20.0000	19
61 Tetrachloroethene	166	13.479	13.474 (0.917)		2807654	20.0000	20

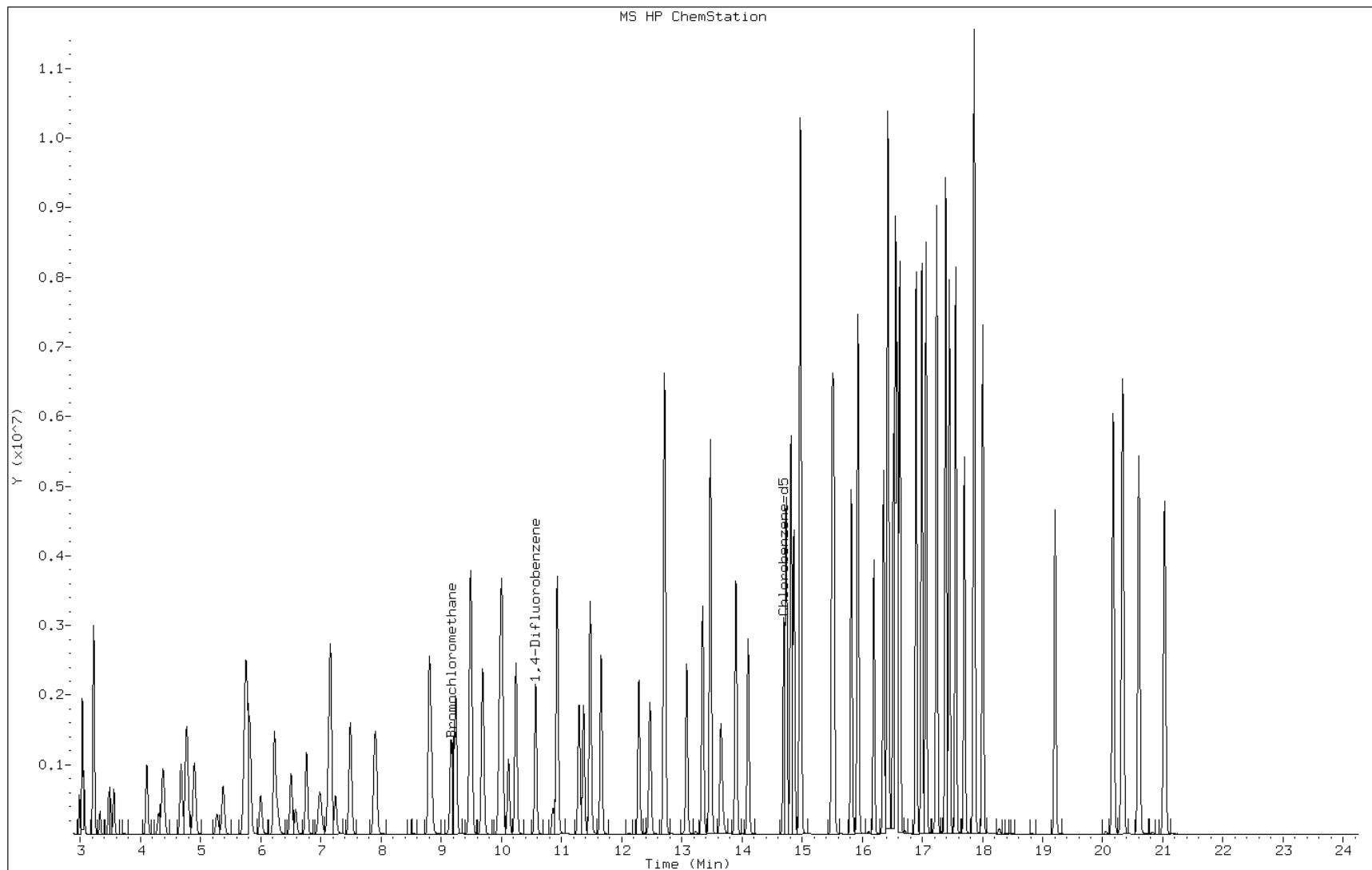
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.655	13.655	(0.929)	1656963	20.0000	20
63 Dibromochloromethane	129	13.900	13.901	(0.946)	3079298	20.0000	21
64 1,2-Dibromoethane	107	14.103	14.103	(0.959)	2764855	20.0000	20
* 65 Chlorobenzene-d5	117	14.701	14.696	(1.000)	2669979	10.0000	
66 Chlorobenzene	112	14.738	14.738	(1.003)	4182375	20.0000	19
67 n-Nonane	57	14.866	14.861	(1.011)	1994426	20.0000	18
68 Ethylbenzene	91	14.818	14.813	(1.008)	5982971	20.0000	19
69 Xylene (m,p)	106	14.973	14.973	(1.018)	5107495	40.0000	38
M 70 Xylenes, Total	106				7691000	20.0000	58
71 Xylene (o)	106	15.502	15.502	(1.054)	2583505	20.0000	20
72 Styrene	104	15.534	15.528	(1.057)	4078401	20.0000	21
73 Bromoform	173	15.822	15.822	(1.076)	3168244	20.0000	22
74 Isopropylbenzene	105	15.934	15.929	(1.084)	7202503	20.0000	19
75 1,1,2,2-Tetrachloroethane	83	16.361	16.356	(1.113)	3325574	20.0000	19
76 n-Propylbenzene	91	16.425	16.425	(1.117)	7584139	20.0000	19
77 1,2,3-Trichloropropane	75	16.436	16.436	(1.118)	2178057	20.0000	19
78 n-Decane	57	16.521	16.516	(1.124)	2380717	20.0000	18
79 4-Ethyltoluene	105	16.558	16.553	(1.126)	7243294	20.0000	19
80 2-Chlorotoluene	91	16.590	16.585	(1.129)	6003344	20.0000	19
81 1,3,5-Trimethylbenzene	105	16.628	16.622	(1.131)	6058217	20.0000	19
82 Alpha Methyl Styrene	118	16.900	16.895	(1.150)	3530170	20.0000	22
83 tert-butylbenzene	119	16.996	16.991	(1.156)	5969578	20.0000	19
84 1,2,4-Trimethylbenzene	105	17.065	17.060	(1.161)	6002110	20.0000	19
85 sec-Butylbenzene	105	17.241	17.236	(1.173)	8697821	20.0000	19
86 4-Isopropyltoluene	119	17.391	17.386	(1.183)	7612379	20.0000	20
87 1,3-Dichlorobenzene	146	17.450	17.450	(1.187)	4798306	20.0000	20
88 1,4-Dichlorobenzene	146	17.556	17.556	(1.194)	4852136	20.0000	20
89 Benzyl chloride	91	17.700	17.700	(1.204)	5131894	20.0000	20
90 Undecane	57	17.855	17.855	(1.215)	2251162	20.0000	18
91 n-Butylbenzene	91	17.871	17.866	(1.216)	5689088	20.0000	18
92 1,2-Dichlorobenzene	146	18.010	18.005	(1.225)	4574879	20.0000	20
93 Dodecane	57	19.205	19.200	(1.306)	2255898	20.0000	20
94 1,2,4-Trichlorobenzene	180	20.171	20.171	(1.372)	3509451	20.0000	21
95 1,3-Hexachlorobutadiene	225	20.331	20.326	(1.383)	2394959	20.0000	20
96 Naphthalene	128	20.598	20.598	(1.401)	8069537	20.0000	21
97 1,2,3-Trichlorobenzene	180	21.025	21.025	(1.430)	3034746	20.0000	22

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bkl008.d
Client ID: IC 279072
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 279072
Lab Sample ID: IC 279072

Date: 30-JAN-2012 21:39
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl009.d
Lab Smp Id: IC 275630 Client Smp ID: IC 275630
Inj Date : 30-JAN-2012 22:31
Operator : pad Inst ID: B.i
Smp Info : IC 275630
Misc Info : 200,1, level 7
Comment :
Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
Cal Date : 30-JAN-2012 22:31 Cal File: bkl009.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.986	2.981	(0.326)	478994	40.0000	35
2 Dichlorodifluoromethane	85	3.034	3.035	(0.331)	3357989	40.0000	35
3 Chlorodifluoromethane	51	3.066	3.067	(0.335)	1229744	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.221	3.221	(0.352)	3276274	40.0000	34
5 Chloromethane	50	3.328	3.328	(0.363)	649160	40.0000	35
6 Butane	43	3.477	3.472	(0.380)	1046378	40.0000	35
7 Vinyl chloride	62	3.504	3.504	(0.382)	963150	40.0000	35
8 1,3-Butadiene	54	3.563	3.558	(0.389)	671929	40.0000	36
9 Bromomethane	94	4.107	4.107	(0.448)	1748066	40.0000	35
10 Chloroethane	64	4.305	4.305	(0.470)	788369	40.0000	35
11 2-Methylbutane	43	4.379	4.374	(0.478)	1303392	40.0000	34
12 Vinyl bromide	106	4.678	4.673	(0.511)	2327125	40.0000	36
13 Trichlorofluoromethane	101	4.774	4.764	(0.521)	5048507	40.0000	36
14 Pentane	43	4.902	4.897	(0.535)	2192165	40.0000	34

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.281	5.271	(0.576)	1353288	100.000	93
16 Ethyl ether	59	5.377	5.378	(0.587)	1338693	40.0000	36
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.762	5.751	(0.629)	4426359	40.0000	36
18 Acrolein	56	5.719	5.719	(0.624)	683644	40.0000	38
19 1,1-Dichloroethene	96	5.826	5.815	(0.636)	2269679	40.0000	37
20 Acetone	43	5.996	6.007	(0.655)	1960966	40.0000	35
21 Carbon disulfide	76	6.231	6.226	(0.680)	6197548	40.0000	36
22 Isopropanol	45	6.279	6.279	(0.685)	1617654	40.0000	35
23 Allyl chloride	41	6.509	6.504	(0.710)	1673120	40.0000	36
24 Acetonitrile	41	6.583	6.584	(0.719)	1040098	40.0000	36
25 Methylene chloride	49	6.765	6.760	(0.738)	1538694	40.0000	35
26 Tert-butyl alcohol	59	6.978	6.989	(0.762)	2889547	40.0000	36
27 Methyl tert-butyl ether	73	7.138	7.144	(0.779)	5557927	40.0000	37
28 1,2-Dichloroethene (trans)	61	7.165	7.160	(0.782)	2412811	40.0000	34
29 Acrylonitrile	53	7.245	7.245	(0.791)	1250070	40.0000	38
30 n-Hexane	57	7.496	7.491	(0.818)	2695421	40.0000	35
31 1,1-Dichloroethane	63	7.896	7.891	(0.862)	3165349	40.0000	35
32 Vinyl acetate	43	7.928	7.923	(0.865)	3468054	40.0000	36
M 33 1,2-Dichloroethene,Total	61				4899643	80.0000	71
34 1,2-Dichloroethene (cis)	96	8.798	8.793	(0.960)	2486832	40.0000	36
35 Ethyl acetate	88	8.836	8.831	(0.964)	213379	40.0000	37
36 Methyl Ethyl Ketone	72	8.814	8.809	(0.962)	979479	40.0000	34(Q)
* 37 Bromochloromethane	128	9.161	9.156	(1.000)	637080	10.0000	
38 Tetrahydrofuran	42	9.198	9.204	(0.870)	1469226	40.0000	35
39 Chloroform	83	9.247	9.241	(1.009)	4225944	40.0000	36
40 Cyclohexane	84	9.497	9.492	(0.898)	3009999	40.0000	34
41 1,1,1-Trichloroethane	97	9.487	9.482	(0.898)	4429297	40.0000	37
42 Carbon tetrachloride	117	9.690	9.684	(0.917)	4864921	40.0000	39
43 2,2,4-Trimethylpentane	57	9.983	9.978	(0.944)	7643259	40.0000	33
44 Benzene	78	10.015	10.010	(0.947)	6377775	40.0000	34
45 1,2-Dichloroethane	62	10.122	10.117	(0.958)	2199262	40.0000	37
46 n-Heptane	43	10.245	10.239	(0.969)	2356964	40.0000	33
* 47 1,4-Difluorobenzene	114	10.570	10.570	(1.000)	2900358	10.0000	
48 n-Butanol	56	10.848	10.869	(1.026)	990700	40.0000	40
49 Trichloroethene	95	10.933	10.928	(1.034)	3126143	40.0000	36
50 1,2-Dichloropropane	63	11.296	11.291	(1.069)	2057650	40.0000	35
51 Methyl methacrylate	69	11.371	11.366	(1.076)	2287785	40.0000	39
52 Dibromomethane	174	11.483	11.478	(1.086)	3446859	40.0000	40
53 1,4-Dioxane	88	11.461	11.478	(1.084)	982624	40.0000	34
54 Bromodichloromethane	83	11.659	11.659	(1.103)	4621510	40.0000	38
55 1,3-Dichloropropene (cis)	75	12.289	12.283	(1.163)	3641012	40.0000	38
56 Methyl isobutyl ketone	43	12.470	12.476	(1.180)	3085564	40.0000	36
57 n-Octane	43	12.721	12.716	(1.203)	2682996	40.0000	29
58 Toluene	92	12.710	12.705	(0.865)	4865806	40.0000	33
59 1,3-Dichloropropene (trans)	75	13.084	13.079	(1.238)	3725780	40.0000	39
60 1,1,2-Trichloroethane	83	13.351	13.346	(0.908)	2430156	40.0000	36
61 Tetrachloroethene	166	13.479	13.474	(0.917)	5279150	40.0000	38

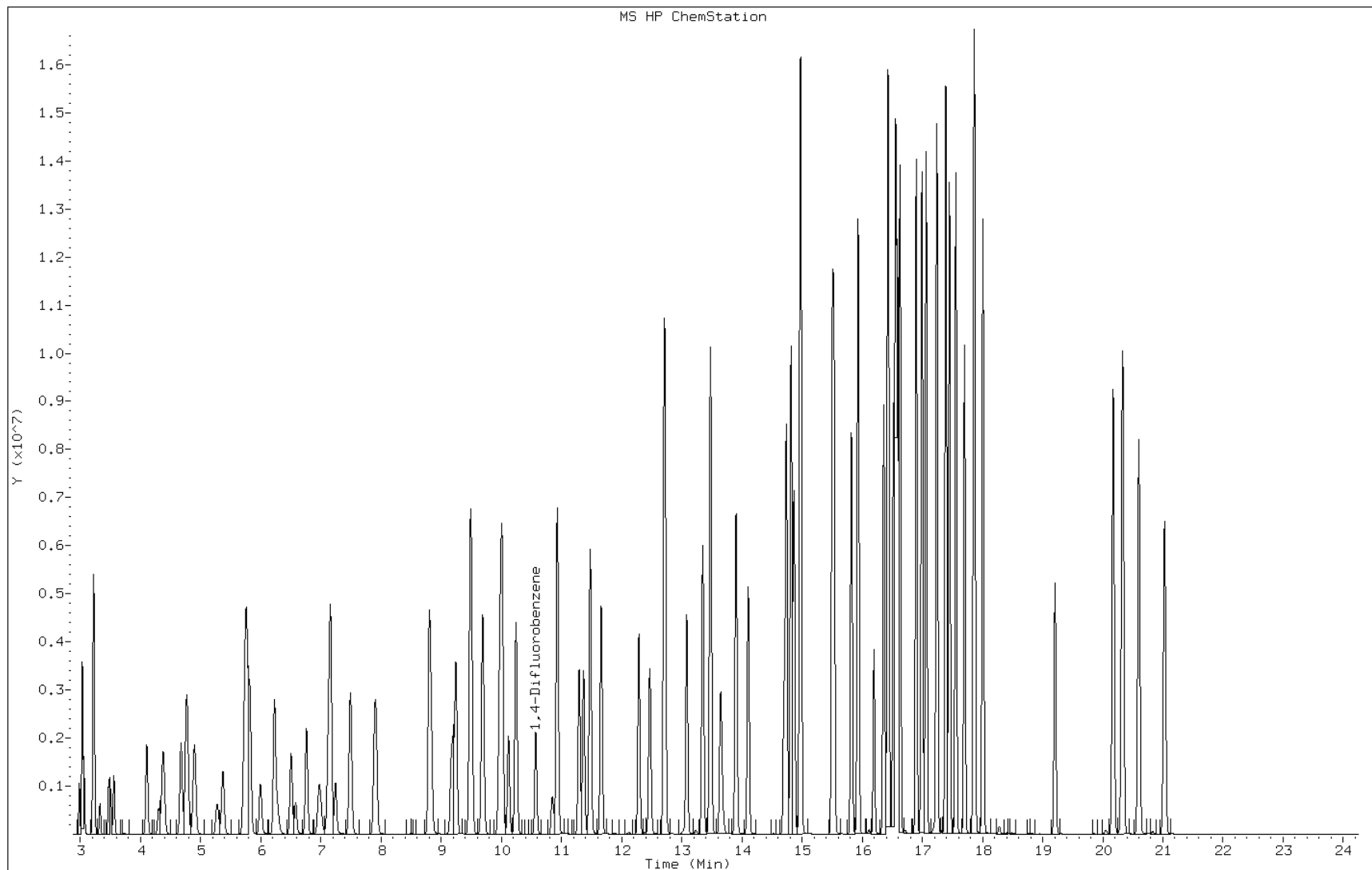
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.649	13.655	(0.928)	3094986	40.0000	38
63 Dibromochloromethane	129	13.906	13.901	(0.946)	5844730	40.0000	40(A)
64 1,2-Dibromoethane	107	14.108	14.103	(0.960)	5228886	40.0000	38
* 65 Chlorobenzene-d5	117	14.701	14.696	(1.000)	2646246	10.0000	
66 Chlorobenzene	112	14.744	14.738	(1.003)	7861074	40.0000	36
67 n-Nonane	57	14.866	14.861	(1.011)	3439392	40.0000	32
68 Ethylbenzene	91	14.818	14.813	(1.008)	10997523	40.0000	36
69 Xylene (m,p)	106	14.978	14.973	(1.019)	8796740	80.0000	66
M 70 Xylenes, Total	106				13452117	40.0000	100
71 Xylene (o)	106	15.507	15.502	(1.055)	4655377	40.0000	36
72 Styrene	104	15.533	15.528	(1.057)	7413490	40.0000	38
73 Bromoform	173	15.822	15.822	(1.076)	5806003	40.0000	41(A)
74 Isopropylbenzene	105	15.934	15.929	(1.084)	13145101	40.0000	36
75 1,1,2,2-Tetrachloroethane	83	16.361	16.356	(1.113)	5899876	40.0000	34
76 n-Propylbenzene	91	16.425	16.425	(1.117)	12589904	40.0000	31
77 1,2,3-Trichloropropane	75	16.441	16.436	(1.118)	3624955	40.0000	31
78 n-Decane	57	16.521	16.516	(1.124)	3883387	40.0000	30
79 4-Ethyltoluene	105	16.558	16.553	(1.126)	12574541	40.0000	34
80 2-Chlorotoluene	91	16.590	16.585	(1.129)	10664576	40.0000	34
81 1,3,5-Trimethylbenzene	105	16.633	16.622	(1.131)	10874262	40.0000	35
82 Alpha Methyl Styrene	118	16.900	16.895	(1.150)	6497172	40.0000	41(A)
83 tert-butylbenzene	119	16.996	16.991	(1.156)	10777156	40.0000	35
84 1,2,4-Trimethylbenzene	105	17.065	17.060	(1.161)	10793022	40.0000	35
85 sec-Butylbenzene	105	17.241	17.236	(1.173)	15254923	40.0000	34
86 4-Isopropyltoluene	119	17.396	17.386	(1.183)	13355739	40.0000	35
87 1,3-Dichlorobenzene	146	17.455	17.450	(1.187)	8729695	40.0000	36
88 1,4-Dichlorobenzene	146	17.561	17.556	(1.195)	8794135	40.0000	36
89 Benzyl chloride	91	17.706	17.700	(1.204)	9901636	40.0000	39
90 Undecane	57	17.855	17.855	(1.215)	3310385	40.0000	27
91 n-Butylbenzene	91	17.871	17.866	(1.216)	9168639	40.0000	30
92 1,2-Dichlorobenzene	146	18.010	18.005	(1.225)	8390291	40.0000	37
93 Dodecane	57	19.205	19.200	(1.306)	2531953	40.0000	23
94 1,2,4-Trichlorobenzene	180	20.171	20.171	(1.372)	5538550	40.0000	34
95 1,3-Hexachlorobutadiene	225	20.326	20.326	(1.383)	3853856	40.0000	32
96 Naphthalene	128	20.598	20.598	(1.401)	12264906	40.0000	33
97 1,2,3-Trichlorobenzene	180	21.025	21.025	(1.430)	4200039	40.0000	31

QC Flag Legend

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

Data File: bkl009.d
Client ID: IC 275630
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 275630
Lab Sample ID: IC 275630

Date: 30-JAN-2012 22:31
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: ICV 200-33061/12 Calibration Date: 01/31/2012 01:07
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bkl012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ICV 283784

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2146	0.2067		9.63	10.0	-3.7	30.0
Dichlorodifluoromethane	Ave	1.516	1.526		10.1	10.0	0.6	30.0
Freon 22	Ave	0.5517	0.5456		9.89	10.0	-1.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.521	1.512		9.94	10.0	-0.6	30.0
Chloromethane	Ave	0.2879	0.2862		9.94	10.0	-0.6	30.0
n-Butane	Ave	0.4707	0.4614		9.80	10.0	-2.0	30.0
Vinyl chloride	Ave	0.4294	0.4280		9.97	10.0	-0.3	30.0
1,3-Butadiene	Ave	0.2929	0.3023		10.3	10.0	3.2	30.0
Bromomethane	Ave	0.7856	0.7475		9.51	10.0	-4.8	30.0
Chloroethane	Ave	0.3503	0.3418		9.76	10.0	-2.4	30.0
Isopentane	Ave	0.6069	0.5822		9.59	10.0	-4.1	30.0
Bromoethene (Vinyl Bromide)	Ave	1.002	0.9829		9.81	10.0	-1.9	30.0
Trichlorofluoromethane	Ave	2.184	2.116		9.69	10.0	-3.1	30.0
n-Pentane	Ave	1.006	0.9439		9.38	10.0	-6.1	30.0
Ethanol	Ave	0.2288	0.2403		15.8	15.0	5.0	30.0
Ethyl ether	Ave	0.5816	0.5686		9.77	10.0	-2.2	30.0
Acrolein	Ave	0.2858	0.2427		8.49	10.0	-15.1	30.0
Freon TF	Ave	1.929	2.141		11.1	10.0	11.0	30.0
1,1-Dichloroethene	Ave	0.9667	1.098		11.4	10.0	13.6	30.0
Acetone	Ave	0.8834	0.8861		10.0	10.0	0.3	30.0
Carbon disulfide	Ave	2.703	2.814		10.4	10.0	4.1	30.0
Isopropyl alcohol	Ave	0.7282	0.6814		9.36	10.0	-6.4	30.0
3-Chloropropene	Ave	0.7243	0.7475		10.3	10.0	3.2	30.0
Acetonitrile	Ave	0.4560	0.4440		9.74	10.0	-2.6	30.0
Methylene Chloride	Ave	0.6955	0.7491		10.8	10.0	7.7	30.0
tert-Butyl alcohol	Ave	1.250	1.190		9.52	10.0	-4.8	30.0
Methyl tert-butyl ether	Ave	2.386	2.486		10.4	10.0	4.2	30.0
trans-1,2-Dichloroethene	Ave	1.101	1.116		10.1	10.0	1.4	30.0
Acrylonitrile	Ave	0.5120	0.5399		10.5	10.0	5.5	30.0
n-Hexane	Ave	1.225	1.238		10.1	10.0	1.0	30.0
1,1-Dichloroethane	Ave	1.408	1.438		10.2	10.0	2.1	30.0
Vinyl acetate	Ave	1.503	1.536		10.2	10.0	2.2	30.0
cis-1,2-Dichloroethene	Ave	1.081	1.147		10.6	10.0	6.1	30.0
Methyl Ethyl Ketone	Ave	0.4504	0.4623		10.3	10.0	2.6	30.0
Ethyl acetate	Ave	0.0897	0.0939		10.5	10.0	4.7	30.0
Tetrahydrofuran	Ave	0.1434	0.1464		10.2	10.0	2.1	30.0
Chloroform	Ave	1.836	1.864		10.2	10.0	1.6	30.0
1,1,1-Trichloroethane	Ave	0.4112	0.4169		10.1	10.0	1.4	30.0
Cyclohexane	Ave	0.3020	0.3074		10.2	10.0	1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: ICV 200-33061/12 Calibration Date: 01/31/2012 01:07
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bkl012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ICV 283784

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.4336	0.4382		10.1	10.0	1.1	30.0
2,2,4-Trimethylpentane	Ave	0.7894	0.8092		10.2	10.0	2.5	30.0
Benzene	Ave	0.6410	0.6450		10.1	10.0	0.6	30.0
1,2-Dichloroethane	Ave	0.2055	0.2050		9.97	10.0	-0.3	30.0
n-Heptane	Ave	0.2434	0.2449		10.1	10.0	0.6	30.0
n-Butanol	Ave	0.0857	0.0724		8.45	10.0	-15.5	30.0
Trichloroethene	Ave	0.2957	0.2980		10.1	10.0	0.7	30.0
1,2-Dichloropropane	Ave	0.2019	0.1979		9.80	10.0	-2.0	30.0
Methyl methacrylate	Ave	0.2040	0.2123		10.4	10.0	4.1	30.0
Dibromomethane	Ave	0.3007	0.3144		10.5	10.0	4.5	30.0
1,4-Dioxane	Ave	0.1010	0.0893		8.84	10.0	-11.6	30.0
Bromodichloromethane	Ave	0.4171	0.4453		10.7	10.0	6.8	30.0
cis-1,3-Dichloropropene	Ave	0.3276	0.3340		10.2	10.0	1.9	30.0
Methyl isobutyl ketone	Ave	0.2917	0.3071		10.5	10.0	5.3	30.0
Toluene	Ave	0.5499	0.5558		10.1	10.0	1.1	30.0
n-Octane	Ave	0.3204	0.3190		9.95	10.0	-0.4	30.0
trans-1,3-Dichloropropene	Ave	0.3310	0.3354		10.1	10.0	1.3	30.0
1,1,2-Trichloroethane	Ave	0.2528	0.2473		9.78	10.0	-2.2	30.0
Tetrachloroethene	Ave	0.5247	0.5305		10.1	10.0	1.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3102	0.3262		10.5	10.0	5.1	30.0
Dibromochloromethane	Ave	0.5506	0.6054		11.0	10.0	10.0	30.0
1,2-Dibromoethane	Ave	0.5137	0.5173		10.1	10.0	0.7	30.0
Chlorobenzene	Ave	0.8151	0.7994		9.80	10.0	-1.9	30.0
Ethylbenzene	Ave	1.169	1.177		10.1	10.0	0.7	30.0
n-Nonane	Ave	0.4118	0.4178		10.1	10.0	1.5	30.0
m,p-Xylene	Ave	0.5032	0.5053		20.1	20.0	0.4	30.0
Xylene, o-	Ave	0.4951	0.4974		10.0	10.0	0.5	30.0
Styrene	Ave	0.7323	0.7735		10.6	10.0	5.6	30.0
Bromoform	Ave	0.5406	0.6082		11.2	10.0	12.5	30.0
Cumene	Ave	1.386	1.433		10.3	10.0	3.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6572	0.6429		9.78	10.0	-2.2	30.0
n-Propylbenzene	Ave	1.529	1.578		10.3	10.0	3.2	30.0
1,2,3-Trichloropropane	Ave	0.4397	0.4526		10.3	10.0	2.9	30.0
n-Decane	Ave	0.4969	0.5195		10.5	10.0	4.5	30.0
4-Ethyltoluene	Ave	1.410	1.474		10.4	10.0	4.5	30.0
2-Chlorotoluene	Ave	1.194	1.224		10.3	10.0	2.5	30.0
1,3,5-Trimethylbenzene	Ave	1.166	1.167		10.0	10.0	0.1	30.0
Alpha Methyl Styrene	Ave	0.6050	0.6694		11.1	10.0	10.6	30.0
tert-Butylbenzene	Ave	1.148	1.182		10.3	10.0	2.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: ICV 200-33061/12 Calibration Date: 01/31/2012 01:07
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bkl012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ICV 283784

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.154	1.144		9.91	10.0	-0.9	30.0
sec-Butylbenzene	Ave	1.699	1.744		10.3	10.0	2.6	30.0
4-Isopropyltoluene	Ave	1.450	1.517		10.5	10.0	4.6	30.0
1,3-Dichlorobenzene	Ave	0.9097	0.8812		9.69	10.0	-3.1	30.0
1,4-Dichlorobenzene	Ave	0.9158	0.8941		9.76	10.0	-2.4	30.0
Benzyl chloride	Ave	0.9551	0.9316		9.75	10.0	-2.5	30.0
n-Undecane	Ave	0.4680	0.5282		11.3	10.0	12.9	30.0
n-Butylbenzene	Ave	1.164	1.213		10.4	10.0	4.2	30.0
1,2-Dichlorobenzene	Ave	0.8650	0.8209		9.49	10.0	-5.1	30.0
n-Dodecane	Ave	0.4231	0.5245		12.4	10.0	24.0	30.0
1,2,4-Trichlorobenzene	Ave	0.6212	0.6325		10.2	10.0	1.8	30.0
Hexachlorobutadiene	Ave	0.4514	0.4567		10.1	10.0	1.2	30.0
Naphthalene	Ave	1.416	1.450		10.2	10.0	2.3	30.0
1,2,3-Trichlorobenzene	Ave	0.5087	0.5915		11.6	10.0	16.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl012.d
Lab Smp Id: ICV 283784 Client Smp ID: ICV 283784
Inj Date : 31-JAN-2012 01:07
Operator : pad Inst ID: B.i
Smp Info : ICV 283784
Misc Info : 200,1, ICV
Comment :
Method : /chem/B.i/Bsvr.p/bklto15.b/to15v5.m
Meth Date : 31-Jan-2012 15:40 ahk Quant Type: ISTD
Cal Date : 30-JAN-2012 22:31 Cal File: bkl009.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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

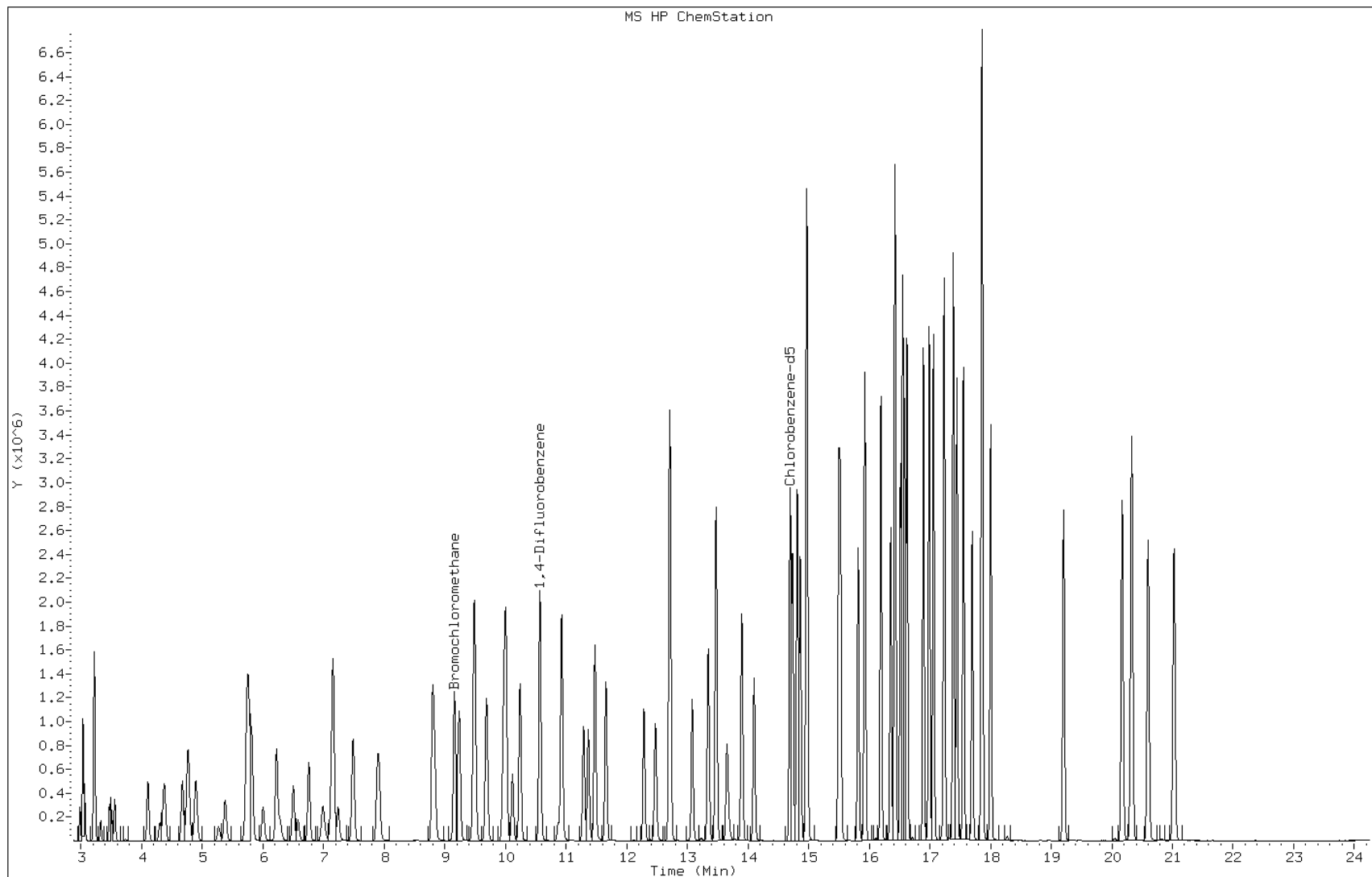
Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41		2.986	2.981	(0.326)	127010	9.63184	9.6
2 Dichlorodifluoromethane	85		3.034	3.035	(0.331)	937306	10.0627	10
3 Chlorodifluoromethane	51		3.066	3.067	(0.335)	335233	9.88815	9.9
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.221	3.221	(0.352)	929088	9.94095	9.9
5 Chloromethane	50		3.328	3.328	(0.363)	175846	9.93934	9.9
6 Butane	43		3.472	3.472	(0.379)	283488	9.80074	9.8
7 Vinyl chloride	62		3.504	3.504	(0.383)	262995	9.96596	10
8 1,3-Butadiene	54		3.557	3.558	(0.389)	185717	10.3186	10
9 Bromomethane	94		4.107	4.107	(0.449)	459282	9.51327	9.5
10 Chloroethane	64		4.305	4.305	(0.470)	210014	9.75652	9.8
11 2-Methylbutane	43		4.374	4.374	(0.478)	357695	9.59025	9.6
12 Vinyl bromide	106		4.678	4.673	(0.511)	603930	9.80590	9.8
13 Trichlorofluoromethane	101		4.769	4.764	(0.521)	1300362	9.68874	9.7
14 Pentane	43		4.897	4.897	(0.535)	579958	9.38407	9.4

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
15 Ethanol	45		5.276	5.271 (0.576)			221534	15.7569	16
16 Ethyl ether	59		5.383	5.378 (0.588)			349330	9.77455	9.8
17 1,1,2-Trichloro-1,2,2-trifluo	101		5.756	5.751 (0.629)			1315466	11.0942	11
18 Acrolein	56		5.724	5.719 (0.625)			149090	8.49011	8.5
19 1,1-Dichloroethene	96		5.820	5.815 (0.636)			674804	11.3596	11
20 Acetone	43		6.007	6.007 (0.656)			544429	10.0284	10
21 Carbon disulfide	76		6.226	6.226 (0.680)			1728724	10.4062	10
22 Isopropanol	45		6.285	6.279 (0.686)			418681	9.35588	9.4
23 Allyl chloride	41		6.503	6.504 (0.710)			459241	10.3180	10
24 Acetonitrile	41		6.583	6.584 (0.719)			272826	9.73547	9.7
25 Methylene chloride	49		6.760	6.760 (0.738)			460243	10.7685	11
26 Tert-butyl alcohol	59		6.994	6.989 (0.764)			731180	9.52161	9.5
27 Methyl tert-butyl ether	73		7.144	7.144 (0.780)			1527190	10.4146	10
28 1,2-Dichloroethene (trans)	61		7.165	7.160 (0.783)			685681	10.1341	10
29 Acrylonitrile	53		7.245	7.245 (0.791)			331711	10.5430	11
30 n-Hexane	57		7.491	7.491 (0.818)			760439	10.1014	10
31 1,1-Dichloroethane	63		7.896	7.891 (0.862)			883332	10.2112	10
32 Vinyl acetate	43		7.923	7.923 (0.865)			943543	10.2142	10
M 33 1,2-Dichloroethene,Total	61						1390346	20.7404	21
34 1,2-Dichloroethene (cis)	96		8.793	8.793 (0.960)			704665	10.6063	11
35 Ethyl acetate	88		8.841	8.831 (0.966)			57705	10.4706	10
36 Methyl Ethyl Ketone	72		8.809	8.809 (0.962)			284049	10.2627	10
* 37 Bromochloromethane	128		9.156	9.156 (1.000)			614531	10.0000	
38 Tetrahydrofuran	42		9.204	9.204 (0.871)			415439	10.2059	10
39 Chloroform	83		9.241	9.241 (1.009)			1145550	10.1532	10
40 Cyclohexane	84		9.492	9.492 (0.898)			872102	10.1755	10
41 1,1,1-Trichloroethane	97		9.481	9.482 (0.897)			1182733	10.1365	10
42 Carbon tetrachloride	117		9.690	9.684 (0.917)			1243199	10.1045	10
43 2,2,4-Trimethylpentane	57		9.978	9.978 (0.944)			2295866	10.2485	10
44 Benzene	78		10.010	10.010 (0.947)			1829983	10.0603	10
45 1,2-Dichloroethane	62		10.117	10.117 (0.957)			581539	9.97185	10
46 n-Heptane	43		10.239	10.239 (0.969)			694931	10.0607	10
* 47 1,4-Difluorobenzene	114		10.570	10.570 (1.000)			2837795	10.0000	
48 n-Butanol	56		10.869	10.869 (1.028)			205362	8.44747	8.4
49 Trichloroethene	95		10.928	10.928 (1.034)			845357	10.0727	10
50 1,2-Dichloropropane	63		11.291	11.291 (1.068)			561555	9.79965	9.8
51 Methyl methacrylate	69		11.365	11.366 (1.075)			602471	10.4079	10
52 Dibromomethane	174		11.477	11.478 (1.086)			891981	10.4519	10
53 1,4-Dioxane	88		11.483	11.478 (1.086)			253225	8.83899	8.8
54 Bromodichloromethane	83		11.659	11.659 (1.103)			1263420	10.6737	11
55 1,3-Dichloropropene (cis)	75		12.283	12.283 (1.162)			947676	10.1929	10
56 Methyl isobutyl ketone	43		12.475	12.476 (1.180)			871313	10.5243	11
57 n-Octane	43		12.716	12.716 (1.203)			905011	9.95493	10
58 Toluene	92		12.710	12.705 (0.865)			1429850	10.1048	10
59 1,3-Dichloropropene (trans)	75		13.084	13.079 (1.238)			951523	10.1289	10
60 1,1,2-Trichloroethane	83		13.345	13.346 (0.908)			636289	9.78067	9.8
61 Tetrachloroethene	166		13.473	13.474 (0.917)			1364644	10.1083	10

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.655	13.655	(0.929)	839127	10.5117	11
63 Dibromochloromethane	129	13.900	13.901	(0.946)	1557409	10.9933	11
64 1,2-Dibromoethane	107	14.103	14.103	(0.960)	1330921	10.0696	10
* 65 Chlorobenzene-d5	117	14.696	14.696	(1.000)	2573101	10.0000	
66 Chlorobenzene	112	14.738	14.738	(1.003)	2056472	9.80467	9.8
67 n-Nonane	57	14.861	14.861	(1.011)	1074896	10.1455	10
68 Ethylbenzene	91	14.813	14.813	(1.008)	3029005	10.0659	10
69 Xylene (m,p)	106	14.973	14.973	(1.019)	2599771	20.0770	20
M 70 Xylenes, Total	106				3879338	30.1207	30
71 Xylene (o)	106	15.501	15.502	(1.055)	1279567	10.0437	10
72 Styrene	104	15.528	15.528	(1.057)	1989878	10.5604	11
73 Bromoform	173	15.822	15.822	(1.077)	1564674	11.2488	11
74 Isopropylbenzene	105	15.928	15.929	(1.084)	3687097	10.3370	10
75 1,1,2,2-Tetrachloroethane	83	16.355	16.356	(1.113)	1653794	9.78036	9.8
76 n-Propylbenzene	91	16.425	16.425	(1.118)	4058408	10.3156	10
77 1,2,3-Trichloropropane	75	16.435	16.436	(1.118)	1164304	10.2916	10
78 n-Decane	57	16.515	16.516	(1.124)	1336582	10.4528	10
79 4-Ethyltoluene	105	16.553	16.553	(1.126)	3790875	10.4497	10
80 2-Chlorotoluene	91	16.585	16.585	(1.129)	3149832	10.2517	10
81 1,3,5-Trimethylbenzene	105	16.622	16.622	(1.131)	3003082	10.0098	10
82 Alpha Methyl Styrene	118	16.894	16.895	(1.150)	1722001	11.0610	11
83 tert-butylbenzene	119	16.990	16.991	(1.156)	3040516	10.2890	10
84 1,2,4-Trimethylbenzene	105	17.060	17.060	(1.161)	2943460	9.91281	9.9
85 sec-Butylbenzene	105	17.236	17.236	(1.173)	4486166	10.2619	10
86 4-Isopropyltoluene	119	17.391	17.386	(1.183)	3901801	10.4578	10
87 1,3-Dichlorobenzene	146	17.449	17.450	(1.187)	2266996	9.68537	9.7
88 1,4-Dichlorobenzene	146	17.556	17.556	(1.195)	2300172	9.76127	9.8
89 Benzyl chloride	91	17.700	17.700	(1.204)	2396718	9.75251	9.8
90 Undecane	57	17.855	17.855	(1.215)	1358852	11.2845	11
91 n-Butylbenzene	91	17.866	17.866	(1.216)	3120989	10.4210	10
92 1,2-Dichlorobenzene	146	18.004	18.005	(1.225)	2111796	9.48852	9.5
93 Dodecane	57	19.205	19.200	(1.307)	1349311	12.3944	12
94 1,2,4-Trichlorobenzene	180	20.171	20.171	(1.373)	1627188	10.1794	10
95 1,3-Hexachlorobutadiene	225	20.326	20.326	(1.383)	1174878	10.1149	10
96 Naphthalene	128	20.598	20.598	(1.402)	3729365	10.2322	10
97 1,2,3-Trichlorobenzene	180	21.025	21.025	(1.431)	1521717	11.6252	12

Data File: bkl012.d
Client ID: ICV 283784
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ICV 283784
Lab Sample ID: ICV 283784

Date: 31-JAN-2012 01:07
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: CCVIS 200-34715/3 Calibration Date: 03/08/2012 11:41
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bklw003.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	0.2146	0.2722		12.7	10.0	26.9	30.0
Dichlorodifluoromethane	Ave	1.516	1.842		12.1	10.0	21.5	30.0
Freon 22	Ave	0.5517	0.6998		12.7	10.0	26.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.521	1.833		12.0	10.0	20.5	30.0
Chloromethane	Ave	0.2879	0.3671		12.8	10.0	27.5	30.0
n-Butane	Ave	0.4707	0.6013		12.8	10.0	27.8	30.0
Vinyl chloride	Ave	0.4294	0.5231		12.2	10.0	21.8	30.0
1,3-Butadiene	Ave	0.2929	0.3681		12.6	10.0	25.7	30.0
Bromomethane	Ave	0.7856	0.8591		10.9	10.0	9.4	30.0
Chloroethane	Ave	0.3503	0.3796		10.8	10.0	8.4	30.0
Isopentane	Ave	0.6069	0.6828		11.2	10.0	12.5	30.0
Bromoethene (Vinyl Bromide)	Ave	1.002	1.029		10.3	10.0	2.7	30.0
Trichlorofluoromethane	Ave	2.184	2.434		11.1	10.0	11.5	30.0
n-Pentane	Ave	1.006	1.113		11.1	10.0	10.7	30.0
Ethanol	Ave	0.2288	0.2478		16.3	15.0	8.3	30.0
Ethyl ether	Ave	0.5816	0.5989		10.3	10.0	3.0	30.0
Acrolein	Ave	0.2858	0.2508		8.78	10.0	-12.2	30.0
Freon TF	Ave	1.929	1.869		9.68	10.0	-3.1	30.0
1,1-Dichloroethene	Ave	0.9667	0.9115		9.43	10.0	-5.7	30.0
Acetone	Ave	0.8834	1.155		13.1	10.0	30.8*	30.0
Carbon disulfide	Ave	2.703	2.653		9.81	10.0	-1.8	30.0
Isopropyl alcohol	Ave	0.7282	0.8633		11.9	10.0	18.6	30.0
3-Chloropropene	Ave	0.7243	0.7668		10.6	10.0	5.9	30.0
Acetonitrile	Ave	0.4560	0.5278		11.6	10.0	15.7	30.0
Methylene Chloride	Ave	0.6955	0.7393		10.6	10.0	6.3	30.0
tert-Butyl alcohol	Ave	1.250	1.496		12.0	10.0	19.8	30.0
Methyl tert-butyl ether	Ave	2.386	2.516		10.5	10.0	5.4	30.0
trans-1,2-Dichloroethene	Ave	1.101	1.162		10.6	10.0	5.6	30.0
Acrylonitrile	Ave	0.5120	0.5464		10.7	10.0	6.7	30.0
n-Hexane	Ave	1.225	1.244		10.2	10.0	1.6	30.0
1,1-Dichloroethane	Ave	1.408	1.467		10.4	10.0	4.2	30.0
Vinyl acetate	Ave	1.503	1.665		11.1	10.0	10.8	30.0
cis-1,2-Dichloroethene	Ave	1.081	1.048		9.69	10.0	-3.0	30.0
Methyl Ethyl Ketone	Ave	0.4504	0.4595		10.2	10.0	2.0	30.0
Ethyl acetate	Ave	0.0897	0.0856		9.54	10.0	-4.6	30.0
Tetrahydrofuran	Ave	0.1434	0.1607		11.2	10.0	12.0	30.0
Chloroform	Ave	1.836	1.911		10.4	10.0	4.1	30.0
1,1,1-Trichloroethane	Ave	0.4112	0.4515		11.0	10.0	9.8	30.0
Cyclohexane	Ave	0.3020	0.2966		9.82	10.0	-1.8	30.0
Carbon tetrachloride	Ave	0.4336	0.4748		10.9	10.0	9.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: CCVIS 200-34715/3 Calibration Date: 03/08/2012 11:41
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bklw003.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	0.7894	0.8360		10.6	10.0	5.9	30.0
Benzene	Ave	0.6410	0.6343		9.89	10.0	-1.0	30.0
1,2-Dichloroethane	Ave	0.2055	0.2401		11.7	10.0	16.8	30.0
n-Heptane	Ave	0.2434	0.2691		11.1	10.0	10.6	30.0
n-Butanol	Ave	0.0857	0.0877		10.2	10.0	2.4	30.0
Trichloroethene	Ave	0.2957	0.3014		10.2	10.0	1.9	30.0
1,2-Dichloropropane	Ave	0.2019	0.2053		10.2	10.0	1.6	30.0
Methyl methacrylate	Ave	0.2040	0.2170		10.6	10.0	6.4	30.0
1,4-Dioxane	Ave	0.1010	0.1094		10.8	10.0	8.4	30.0
Dibromomethane	Ave	0.3007	0.3000		9.97	10.0	-0.3	30.0
Bromodichloromethane	Ave	0.4171	0.4649		11.1	10.0	11.5	30.0
cis-1,3-Dichloropropene	Ave	0.3276	0.3457		10.6	10.0	5.5	30.0
Methyl isobutyl ketone	Ave	0.2917	0.3443		11.8	10.0	18.0	30.0
Toluene	Ave	0.5499	0.5404		9.82	10.0	-1.7	30.0
n-Octane	Ave	0.3204	0.3648		11.4	10.0	13.9	30.0
trans-1,3-Dichloropropene	Ave	0.3310	0.3616		10.9	10.0	9.2	30.0
1,1,2-Trichloroethane	Ave	0.2528	0.2526		9.99	10.0	-0.0	30.0
Tetrachloroethene	Ave	0.5247	0.5024		9.57	10.0	-4.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3102	0.3588		11.6	10.0	15.6	30.0
Dibromochloromethane	Ave	0.5506	0.5860		10.6	10.0	6.4	30.0
1,2-Dibromoethane	Ave	0.5137	0.5176		10.1	10.0	0.8	30.0
Chlorobenzene	Ave	0.8151	0.7831		9.61	10.0	-3.9	30.0
Ethylbenzene	Ave	1.169	1.175		10.0	10.0	0.4	30.0
n-Nonane	Ave	0.4118	0.4336		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.5032	0.5076		20.2	20.0	0.9	30.0
Xylene, o-	Ave	0.4951	0.4908		9.91	10.0	-0.9	30.0
Styrene	Ave	0.7323	0.7647		10.4	10.0	4.4	30.0
Bromoform	Ave	0.5406	0.5875		10.9	10.0	8.7	30.0
Cumene	Ave	1.386	1.395		10.1	10.0	0.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6572	0.6705		10.2	10.0	2.0	30.0
n-Propylbenzene	Ave	1.529	1.598		10.5	10.0	4.5	30.0
1,2,3-Trichloropropane	Ave	0.4397	0.4811		10.9	10.0	9.4	30.0
n-Decane	Ave	0.4969	0.5416		10.9	10.0	9.0	30.0
4-Ethyltoluene	Ave	1.410	1.461		10.4	10.0	3.6	30.0
2-Chlorotoluene	Ave	1.194	1.231		10.3	10.0	3.1	30.0
1,3,5-Trimethylbenzene	Ave	1.166	1.186		10.2	10.0	1.7	30.0
Alpha Methyl Styrene	Ave	0.6050	0.6541		10.8	10.0	8.1	30.0
tert-Butylbenzene	Ave	1.148	1.165		10.1	10.0	1.5	30.0
1,2,4-Trimethylbenzene	Ave	1.154	1.190		10.3	10.0	3.1	30.0
sec-Butylbenzene	Ave	1.699	1.736		10.2	10.0	2.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Lab Sample ID: CCVIS 200-34715/3 Calibration Date: 03/08/2012 11:41
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bklw003.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	1.450	1.502		10.4	10.0	3.6	30.0
1,3-Dichlorobenzene	Ave	0.9097	0.9058		9.96	10.0	-0.4	30.0
1,4-Dichlorobenzene	Ave	0.9158	0.9085		9.92	10.0	-0.8	30.0
Benzyl chloride	Ave	0.9551	0.8463		8.86	10.0	-11.4	30.0
n-Undecane	Ave	0.4680	0.5590		11.9	10.0	19.4	30.0
n-Butylbenzene	Ave	1.164	1.268		10.9	10.0	9.0	30.0
1,2-Dichlorobenzene	Ave	0.8650	0.8603		9.94	10.0	-0.5	30.0
n-Dodecane	Ave	0.4231	0.4979		11.8	10.0	17.7	30.0
1,2,4-Trichlorobenzene	Ave	0.6212	0.6565		10.6	10.0	5.7	30.0
Hexachlorobutadiene	Ave	0.4514	0.4851		10.7	10.0	7.5	30.0
Naphthalene	Ave	1.416	1.443		10.2	10.0	1.9	30.0
1,2,3-Trichlorobenzene	Ave	0.5087	0.5794		11.4	10.0	13.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklwto15.b/bklw003.d
 Lab Smp Id: ccvis 291253
 Inj Date : 08-MAR-2012 11:41
 Operator : wrd
 Smp Info : ccvis 291253
 Misc Info : 200,1, ccvis
 Comment :
 Method : /chem/B.i/Bsvr.p/bklwto15.b/to15v5.m
 Meth Date : 09-Mar-2012 12:21 wrd
 Cal Date : 30-JAN-2012 22:31
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: B.i
 Quant Type: ISTD
 Cal File: bkl009.d
 Continuing Calibration Sample
 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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.981	2.981	(0.326)	111745	10.0000	13
2 Dichlorodifluoromethane	85		3.029	3.035	(0.331)	756016	10.0000	12
3 Chlorodifluoromethane	51		3.061	3.067	(0.335)	287261	10.0000	13
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.216	3.221	(0.351)	752322	10.0000	12
5 Chloromethane	50		3.328	3.328	(0.364)	150715	10.0000	13
6 Butane	43		3.467	3.472	(0.379)	246848	10.0000	13
7 Vinyl chloride	62		3.499	3.504	(0.382)	214750	10.0000	12
8 1,3-Butadiene	54		3.552	3.558	(0.388)	151094	10.0000	13
9 Bromomethane	94		4.102	4.107	(0.448)	352659	10.0000	11
10 Chloroethane	64		4.299	4.305	(0.470)	155835	10.0000	11
11 2-Methylbutane	43		4.369	4.374	(0.477)	280292	10.0000	11
12 Vinyl bromide	106		4.668	4.673	(0.510)	422355	10.0000	10
13 Trichlorofluoromethane	101		4.764	4.764	(0.521)	999369	10.0000	11
14 Pentane	43		4.886	4.897	(0.534)	456923	10.0000	11

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.265	5.271	(0.575)	152673	15.0000	16
16 Ethyl ether	59	5.372	5.378	(0.587)	245835	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.751	5.751	(0.628)	767186	10.0000	9.7
18 Acrolein	56	5.708	5.719	(0.624)	102957	10.0000	8.8
19 1,1-Dichloroethene	96	5.815	5.815	(0.635)	374188	10.0000	9.4
20 Acetone	43	5.997	6.007	(0.655)	474289	10.0000	13
21 Carbon disulfide	76	6.221	6.226	(0.680)	1089257	10.0000	9.8
22 Isopropanol	45	6.263	6.279	(0.684)	354411	10.0000	12
23 Allyl chloride	41	6.498	6.504	(0.710)	314784	10.0000	11
24 Acetonitrile	41	6.573	6.584	(0.718)	216675	10.0000	12
25 Methylene chloride	49	6.754	6.760	(0.738)	303485	10.0000	11
26 Tert-butyl alcohol	59	6.973	6.989	(0.762)	614296	10.0000	12
27 Methyl tert-butyl ether	73	7.133	7.144	(0.780)	1032866	10.0000	11
28 1,2-Dichloroethene (trans)	61	7.155	7.160	(0.782)	477076	10.0000	11
29 Acrylonitrile	53	7.240	7.245	(0.791)	224301	10.0000	11
30 n-Hexane	57	7.486	7.491	(0.818)	510839	10.0000	10
31 1,1-Dichloroethane	63	7.886	7.891	(0.862)	602328	10.0000	10
32 Vinyl acetate	43	7.918	7.923	(0.865)	683688	10.0000	11
M 33 1,2-Dichloroethene,Total	61				907369	20.0000	20
34 1,2-Dichloroethene (cis)	96	8.788	8.793	(0.960)	430293	10.0000	9.7
35 Ethyl acetate	88	8.830	8.831	(0.965)	35124	10.0000	9.5
36 Methyl Ethyl Ketone	72	8.804	8.809	(0.962)	188612	10.0000	10(Q)
* 37 Bromochloromethane	128	9.151	9.156	(1.000)	410589	10.0000	
38 Tetrahydrofuran	42	9.193	9.204	(0.870)	299133	10.0000	11
39 Chloroform	83	9.236	9.241	(1.009)	784653	10.0000	10
40 Cyclohexane	84	9.487	9.492	(0.898)	552211	10.0000	9.8
41 1,1,1-Trichloroethane	97	9.476	9.482	(0.897)	840556	10.0000	11
42 Carbon tetrachloride	117	9.679	9.684	(0.916)	883898	10.0000	11
43 2,2,4-Trimethylpentane	57	9.973	9.978	(0.944)	1556212	10.0000	11
44 Benzene	78	10.005	10.010	(0.947)	1180787	10.0000	9.9
45 1,2-Dichloroethane	62	10.111	10.117	(0.957)	447014	10.0000	12
46 n-Heptane	43	10.234	10.239	(0.969)	500959	10.0000	11
* 47 1,4-Difluorobenzene	114	10.565	10.570	(1.000)	1861963	10.0000	
48 n-Butanol	56	10.853	10.869	(1.027)	163287	10.0000	10
49 Trichloroethene	95	10.923	10.928	(1.034)	561162	10.0000	10
50 1,2-Dichloropropane	63	11.280	11.291	(1.068)	382105	10.0000	10
51 Methyl methacrylate	69	11.360	11.366	(1.075)	404007	10.0000	11
52 Dibromomethane	174	11.472	11.478	(1.086)	558439	10.0000	10
53 1,4-Dioxane	88	11.467	11.478	(1.085)	203719	10.0000	11
54 Bromodichloromethane	83	11.648	11.659	(1.103)	865505	10.0000	11
55 1,3-Dichloropropene (cis)	75	12.278	12.283	(1.162)	643595	10.0000	11
56 Methyl isobutyl ketone	43	12.465	12.476	(1.180)	640874	10.0000	12
57 n-Octane	43	12.710	12.716	(1.203)	679173	10.0000	11
58 Toluene	92	12.700	12.705	(0.864)	946909	10.0000	9.8
59 1,3-Dichloropropene (trans)	75	13.073	13.079	(1.237)	673065	10.0000	11
60 1,1,2-Trichloroethane	83	13.340	13.346	(0.908)	442654	10.0000	10
61 Tetrachloroethene	166	13.468	13.474	(0.917)	880372	10.0000	9.6

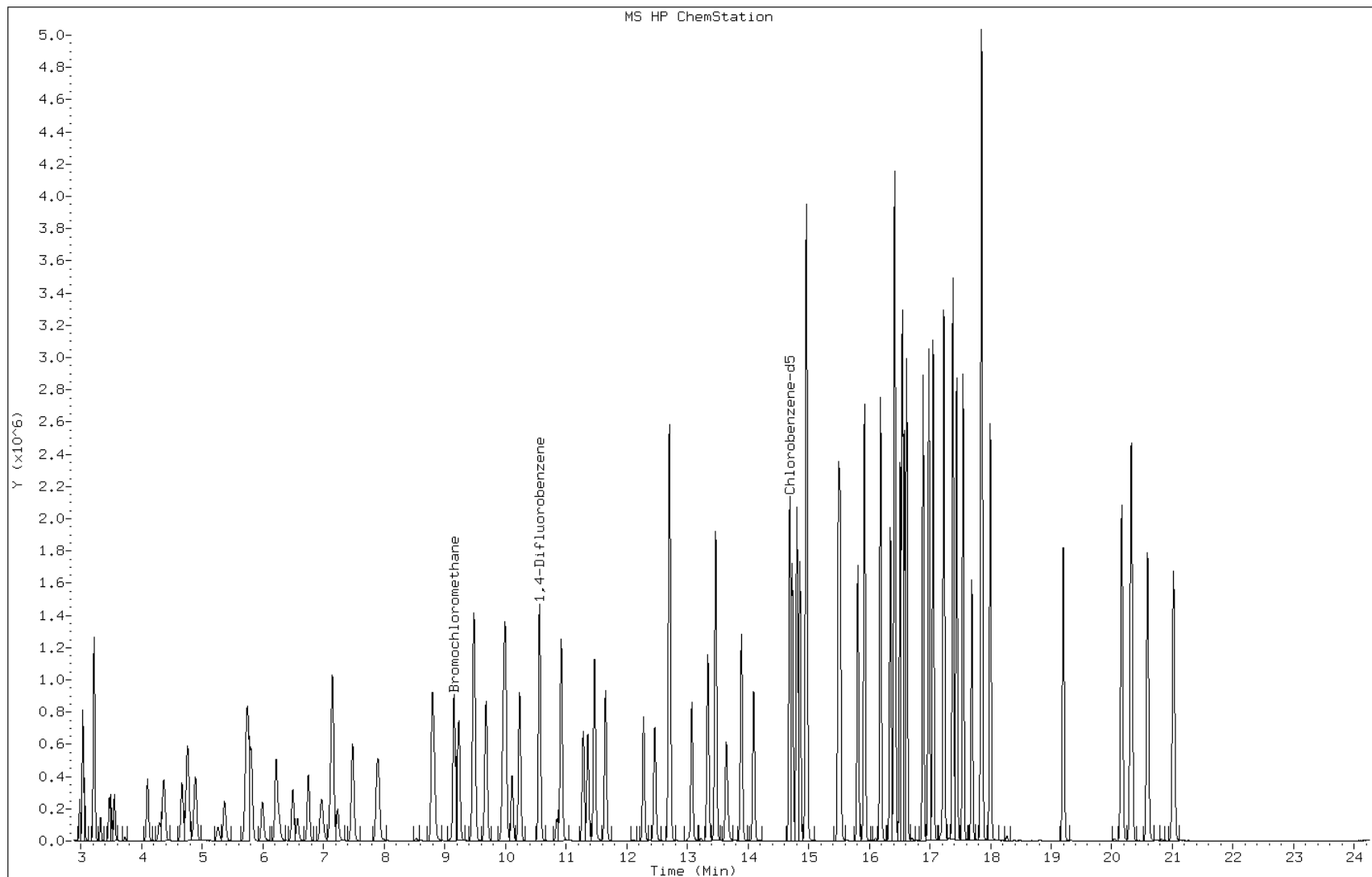
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.644	13.655	(0.929)	628659	10.0000	12
63 Dibromochloromethane	129	13.895	13.901	(0.946)	1026743	10.0000	11
64 1,2-Dibromoethane	107	14.093	14.103	(0.959)	907046	10.0000	10
* 65 Chlorobenzene-d5	117	14.690	14.696	(1.000)	1752616	10.0000	
66 Chlorobenzene	112	14.733	14.738	(1.003)	1372265	10.0000	9.6
67 n-Nonane	57	14.856	14.861	(1.011)	759691	10.0000	11
68 Ethylbenzene	91	14.808	14.813	(1.008)	2058365	10.0000	10
69 Xylene (m,p)	106	14.963	14.973	(1.019)	1778764	20.0000	20
M 70 Xylenes, Total	106				2638715	10.0000	30
71 Xylene (o)	106	15.496	15.502	(1.055)	859951	10.0000	9.9
72 Styrene	104	15.523	15.528	(1.057)	1339941	10.0000	10
73 Bromoform	173	15.811	15.822	(1.076)	1029508	10.0000	11
74 Isopropylbenzene	105	15.923	15.929	(1.084)	2443772	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	16.350	16.356	(1.113)	1174842	10.0000	10
76 n-Propylbenzene	91	16.420	16.425	(1.118)	2800391	10.0000	10
77 1,2,3-Trichloropropane	75	16.430	16.436	(1.118)	842979	10.0000	11
78 n-Decane	57	16.510	16.516	(1.124)	949014	10.0000	11
79 4-Ethyltoluene	105	16.548	16.553	(1.126)	2560082	10.0000	10
80 2-Chlorotoluene	91	16.580	16.585	(1.129)	2157663	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.617	16.622	(1.131)	2077883	10.0000	10
82 Alpha Methyl Styrene	118	16.889	16.895	(1.150)	1146116	10.0000	11
83 tert-butylbenzene	119	16.985	16.991	(1.156)	2042009	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.055	17.060	(1.161)	2084672	10.0000	10
85 sec-Butylbenzene	105	17.231	17.236	(1.173)	3041900	10.0000	10
86 4-Isopropyltoluene	119	17.380	17.386	(1.183)	2632693	10.0000	10
87 1,3-Dichlorobenzene	146	17.444	17.450	(1.187)	1587223	10.0000	10
88 1,4-Dichlorobenzene	146	17.551	17.556	(1.195)	1591974	10.0000	9.9
89 Benzyl chloride	91	17.695	17.700	(1.205)	1483030	10.0000	8.9
90 Undecane	57	17.850	17.855	(1.215)	979519	10.0000	12
91 n-Butylbenzene	91	17.861	17.866	(1.216)	2222277	10.0000	11
92 1,2-Dichlorobenzene	146	17.999	18.005	(1.225)	1507460	10.0000	9.9
93 Dodecane	57	19.200	19.200	(1.307)	872424	10.0000	12
94 1,2,4-Trichlorobenzene	180	20.161	20.171	(1.372)	1150342	10.0000	11
95 1,3-Hexachlorobutadiene	225	20.321	20.326	(1.383)	849988	10.0000	11
96 Naphthalene	128	20.588	20.598	(1.401)	2528052	10.0000	10
97 1,2,3-Trichlorobenzene	180	21.015	21.025	(1.431)	1015184	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bklw003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 291253
Lab Sample ID: ccvis 291253

Date: 08-MAR-2012 11:41
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/B.i/Bsvr.p/bklto15.b/bkl001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 30-JAN-2012 15:31
 Operator : pad Inst ID: B.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/B.i/Bsvr.p/bklto15.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

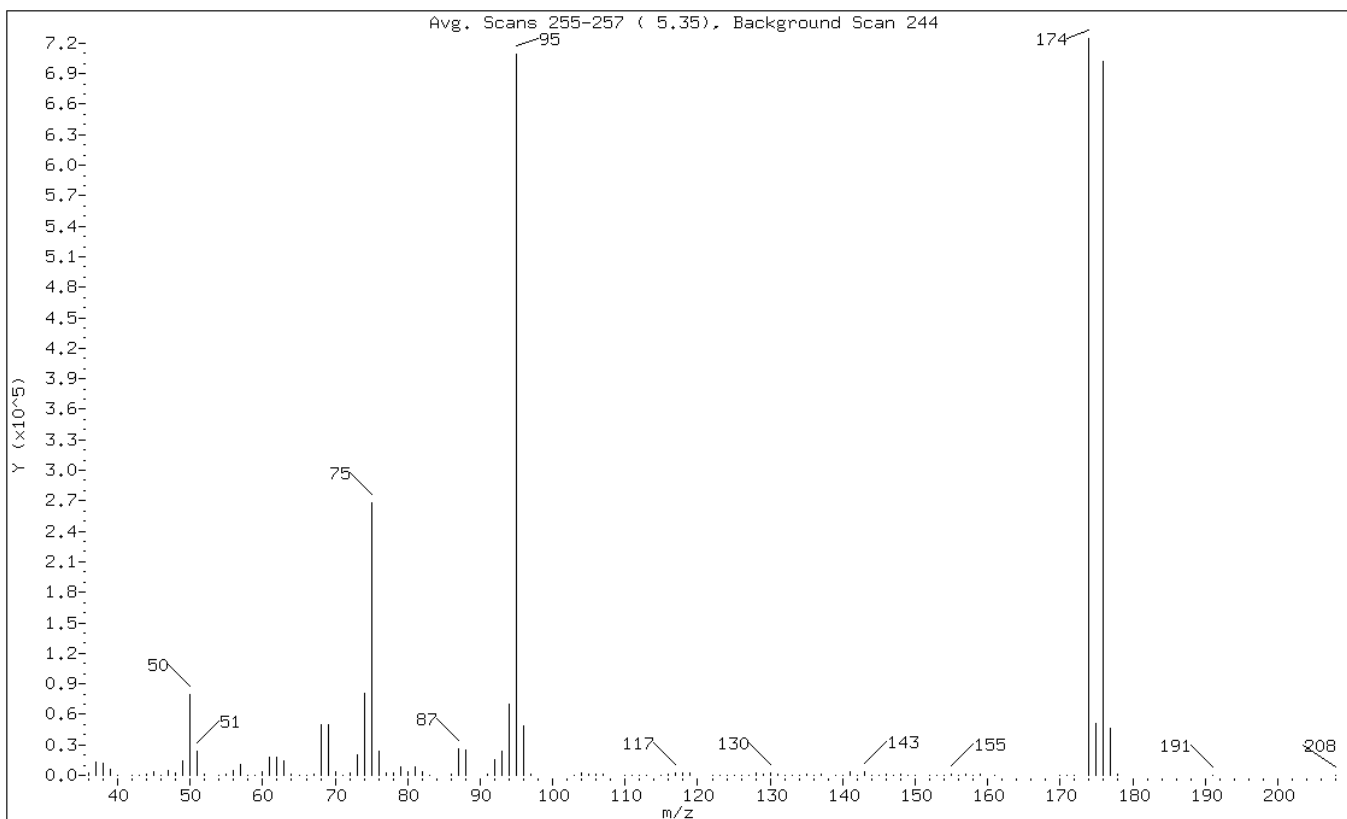
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.346	5.670	-0.324	95	709162			100.00-	100.00	97.87
5.346	5.670	-0.324	50	78888			8.00-	40.00	11.12
5.346	5.670	-0.324	75	268373			30.00-	66.00	37.84
5.346	5.670	-0.324	96	48477			5.00-	9.00	6.84
5.346	5.670	-0.324	173	0			0.00-	2.00	0.00
5.346	5.670	-0.324	174	724608			50.00-	120.00	102.18
5.346	5.670	-0.324	175	51309			4.00-	9.00	7.08
5.346	5.670	-0.324	176	702272			93.00-	101.00	96.92
5.346	5.670	-0.324	177	45690			5.00-	9.00	6.51

Data File: bkl001.d
 Client ID: BFB
 Operator: pad
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 30-JAN-2012 15:31
 Instrument: B.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	11.12
75	30.00 - 66.00% of mass 95	37.84
96	5.00 - 9.00% of mass 95	6.84
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	102.18
175	4.00 - 9.00% of mass 174	7.24 (7.08)
176	93.00 - 101.00% of mass 174	99.03 (96.92)
177	5.00 - 9.00% of mass 176	6.44 (6.51)

Data File: bkl001.d
 Client ID: BFB
 Operator: pad
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

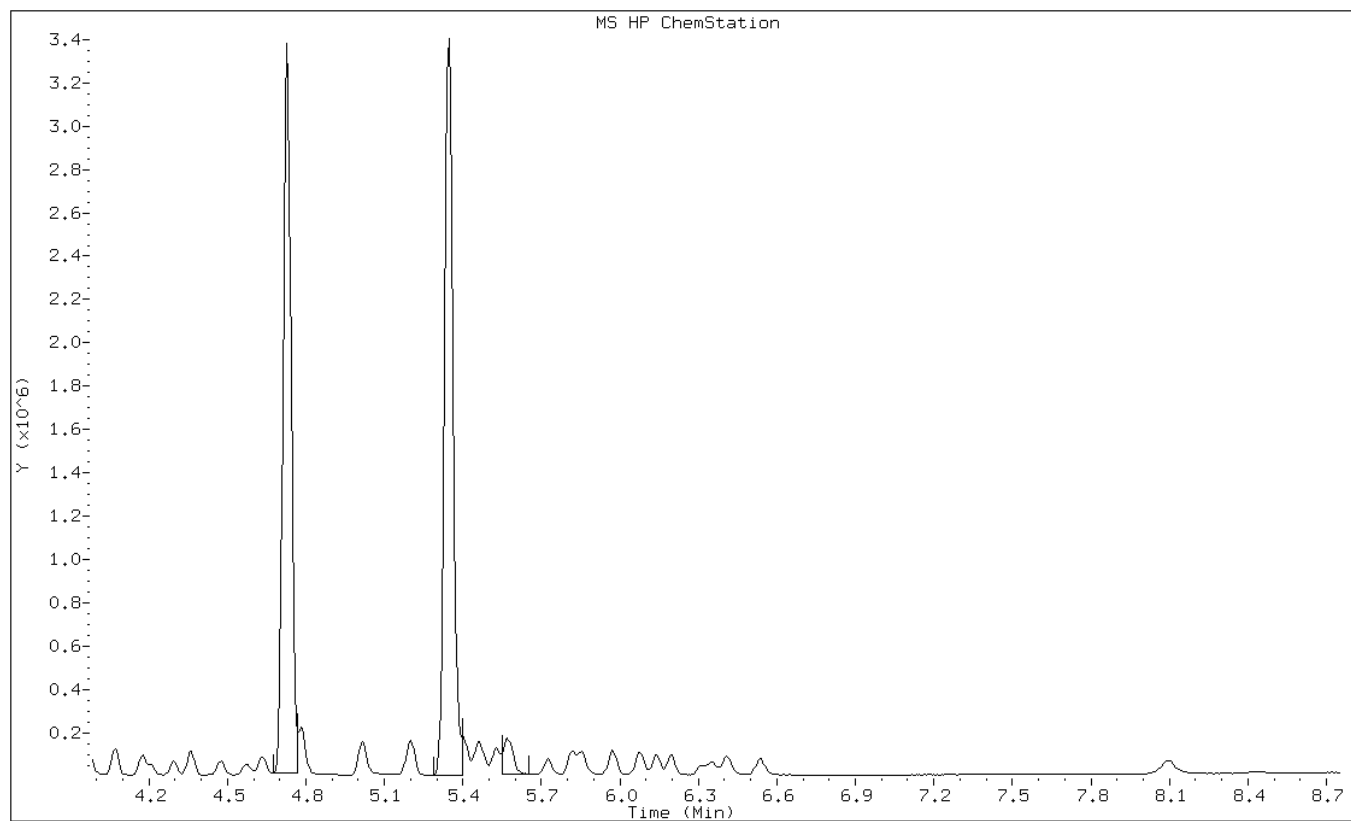
Date: 30-JAN-2012 15:31
 Instrument: B.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/B.i/Bsvr.p/bklto15.b/bkl001.d
 Spectrum: Avg. Scans 255-257 (5.35), Background Scan 244
 Location of Maximum: 174.00
 Number of points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2150	68.00	49360	107.00	606	143.00	4037
37.00	13359	69.00	49928	110.00	170	144.00	253
38.00	12324	70.00	3912	111.00	315	145.00	357
39.00	5503	71.00	184	112.00	114	146.00	917
40.00	257	72.00	2220	113.00	230	147.00	467
42.00	92	73.00	19848	115.00	531	148.00	1597
43.00	49	74.00	80936	116.00	1550	149.00	357
44.00	1368	75.00	268352	117.00	2907	150.00	580
45.00	2977	76.00	23472	118.00	1849	152.00	325
46.00	213	77.00	2931	119.00	2317	153.00	533
47.00	4324	78.00	2038	122.00	49	154.00	416
48.00	1806	79.00	8195	123.00	142	155.00	1726
49.00	14244	80.00	3826	124.00	334	156.00	261
50.00	78888	81.00	8620	125.00	175	157.00	1207
51.00	24256	82.00	2966	126.00	227	158.00	113
52.00	1089	83.00	279	127.00	199	159.00	622
54.00	45	86.00	622	128.00	2223	161.00	558
55.00	809	87.00	26584	129.00	1112	170.00	35
56.00	5070	88.00	25352	130.00	2321	171.00	79
57.00	10732	91.00	1367	131.00	919	172.00	357
58.00	368	92.00	14939	132.00	127	174.00	724608
59.00	34	93.00	24240	133.00	48	175.00	51304
60.00	3031	94.00	69528	134.00	187	176.00	702272
61.00	17688	95.00	709120	135.00	970	177.00	45688
62.00	18360	96.00	48472	136.00	165	178.00	1270
63.00	14662	97.00	1580	137.00	751	191.00	52
64.00	1439	103.00	250	139.00	152	208.00	101
65.00	188	104.00	1823	140.00	285		
66.00	41	105.00	720	141.00	3720		
67.00	1214	106.00	1754	142.00	508		

Data File: bkl001.d
Client ID: BFB
Operator: pad
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 30-JAN-2012 15:31
Instrument: B.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/B.i/Bsvr.p/bklwto15.b/bklw001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 08-MAR-2012 10:00
 Operator : wrd Inst ID: B.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/B.i/Bsvr.p/bklwto15.b/bfbto15.m
 Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

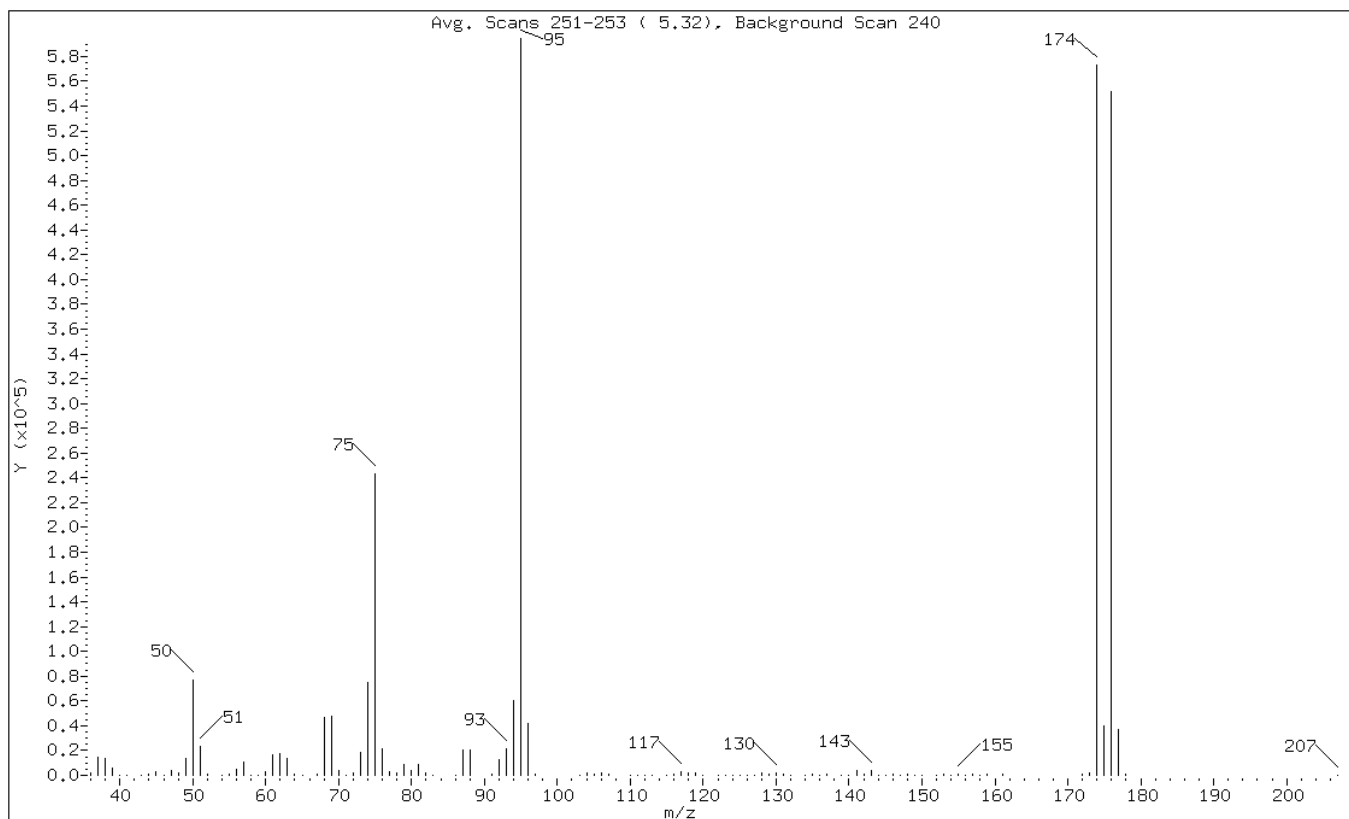
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.325	5.670	-0.345	95	594453		100.00-	100.00	100.00
5.325	5.670	-0.345	50	76472		8.00-	40.00	12.86
5.325	5.670	-0.345	75	243306		30.00-	66.00	40.93
5.325	5.670	-0.345	96	41466		5.00-	9.00	6.98
5.325	5.670	-0.345	173	2169		0.00-	2.00	0.38
5.325	5.670	-0.345	174	573098		50.00-	120.00	96.41
5.325	5.670	-0.345	175	40032		4.00-	9.00	6.99
5.325	5.670	-0.345	176	551445		93.00-	101.00	96.22
5.325	5.670	-0.345	177	36850		5.00-	9.00	6.68

Data File: bklw001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 08-MAR-2012 10:00
 Instrument: B.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	12.86
75	30.00 - 66.00% of mass 95	40.93
96	5.00 - 9.00% of mass 95	6.98
173	Less than 2.00% of mass 174	0.36 (0.38)
174	50.00 - 120.00% of mass 95	96.41
175	4.00 - 9.00% of mass 174	6.73 (6.99)
176	93.00 - 101.00% of mass 174	92.77 (96.22)
177	5.00 - 9.00% of mass 176	6.20 (6.68)

Data File: bklw001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

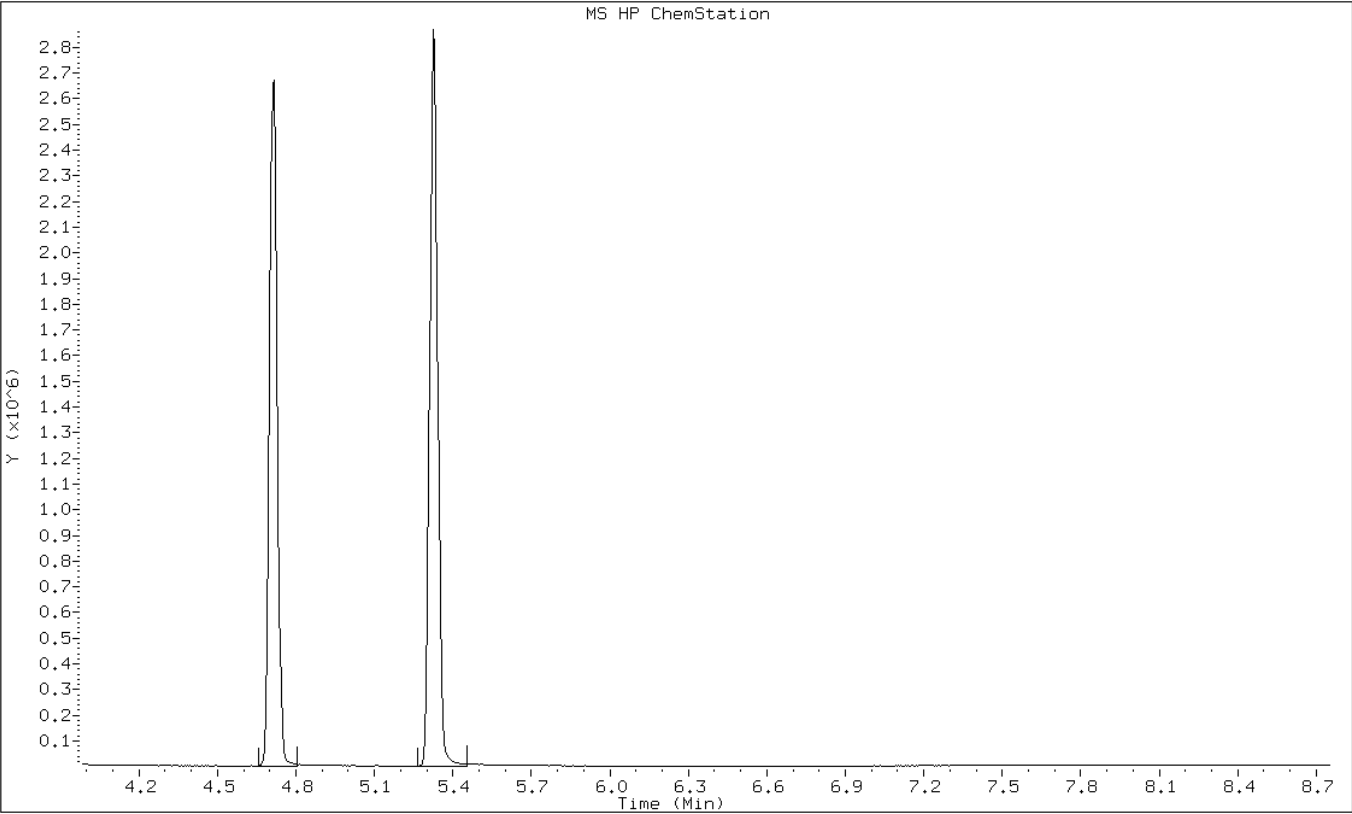
Date: 08-MAR-2012 10:00
 Instrument: B.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/B.i/Bsvr.p/bklwto15.b/bklw001.d
 Spectrum: Avg. Scans 251-253 (5.32), Background Scan 240
 Location of Maximum: 95.00
 Number of points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2381	68.00	46312	106.00	1666	141.00	3802
37.00	14178	69.00	47640	107.00	513	142.00	514
38.00	13173	70.00	3507	110.00	180	143.00	3860
39.00	5817	71.00	34	111.00	236	144.00	209
40.00	125	72.00	2122	112.00	199	145.00	329
41.00	36	73.00	18112	113.00	286	146.00	726
43.00	140	74.00	75216	115.00	410	147.00	368
44.00	1437	75.00	243264	116.00	1413	148.00	1180
45.00	3163	76.00	21232	117.00	2621	149.00	357
46.00	163	77.00	2712	118.00	1533	150.00	468
47.00	3897	78.00	1743	119.00	2234	152.00	268
48.00	1776	79.00	8558	120.00	43	153.00	511
49.00	14036	80.00	3486	122.00	101	154.00	401
50.00	76472	81.00	9138	123.00	176	155.00	1401
51.00	23704	82.00	2268	124.00	267	156.00	248
52.00	977	83.00	216	125.00	140	157.00	1034
54.00	73	86.00	388	126.00	159	158.00	177
55.00	866	87.00	20712	127.00	120	159.00	525
56.00	4968	88.00	20672	128.00	1886	161.00	513
57.00	10396	91.00	1317	129.00	903	172.00	572
58.00	469	92.00	13006	130.00	1970	173.00	2169
59.00	34	93.00	21328	131.00	755	174.00	573056
60.00	3025	94.00	60216	132.00	42	175.00	40032
61.00	16952	95.00	594432	134.00	104	176.00	551424
62.00	17712	96.00	41464	135.00	769	177.00	36848
63.00	13982	97.00	1248	136.00	140	178.00	1062
64.00	1238	103.00	160	137.00	679	207.00	64
65.00	229	104.00	1618	139.00	182		
67.00	981	105.00	748	140.00	265		

Data File: bklw001.d
Client ID: BFB
Operator: wrd
Column Type: RTX-624
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 08-MAR-2012 10:00
Instrument: B.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.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: MB 200-34715/5
 Matrix: Air Lab File ID: bklw005.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 13:26
 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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.038
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.032
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.010
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.012
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.016
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.034
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.030
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.019
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.013
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.032
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.035
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.014
67-66-3	Chloroform	119.38	0.20	U	0.20	0.031
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.035
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.039
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.036
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.031
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.010
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.014
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.016
108-88-3	Toluene	92.14	0.20	U	0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.019
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.011
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.018

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: _____ Lab Sample ID: MB 200-34715/5
Matrix: Air Lab File ID: bklw005.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 13:26
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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.022
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.048
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.022
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.022
75-25-2	Bromoform	252.75	0.20	U	0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.040
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.051

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: MB 200-34715/5
 Matrix: Air Lab File ID: bklw005.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 13:26
 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.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.19
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.22
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.022
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.047
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.042
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.19
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.12
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.059
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.045
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.058
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.13
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.092
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.056
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.056
67-66-3	Chloroform	119.38	0.98	U	0.98	0.15
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.19
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.13
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.17
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.13
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.041
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.16
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.065
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.19
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.073
108-88-3	Toluene	92.14	0.75	U	0.75	0.068
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.10
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.075
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.18
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.14

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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: _____ Lab Sample ID: MB 200-34715/5
Matrix: Air Lab File ID: bklw005.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 13:26
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.: 34715 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.096
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.21
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.096
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.096
75-25-2	Bromoform	252.75	2.1	U	2.1	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.27
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.25

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklwto15.b/bklw005.d
Lab Smp Id: mb
Inj Date : 08-MAR-2012 13:26
Operator : wrd
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/B.i/Bsvr.p/bklwto15.b/to15v5.m
Meth Date : 09-Mar-2012 12:21 wrd
Cal Date : 30-JAN-2012 22:31
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: B.i
Quant Type: ISTD
Cal File: bkl009.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

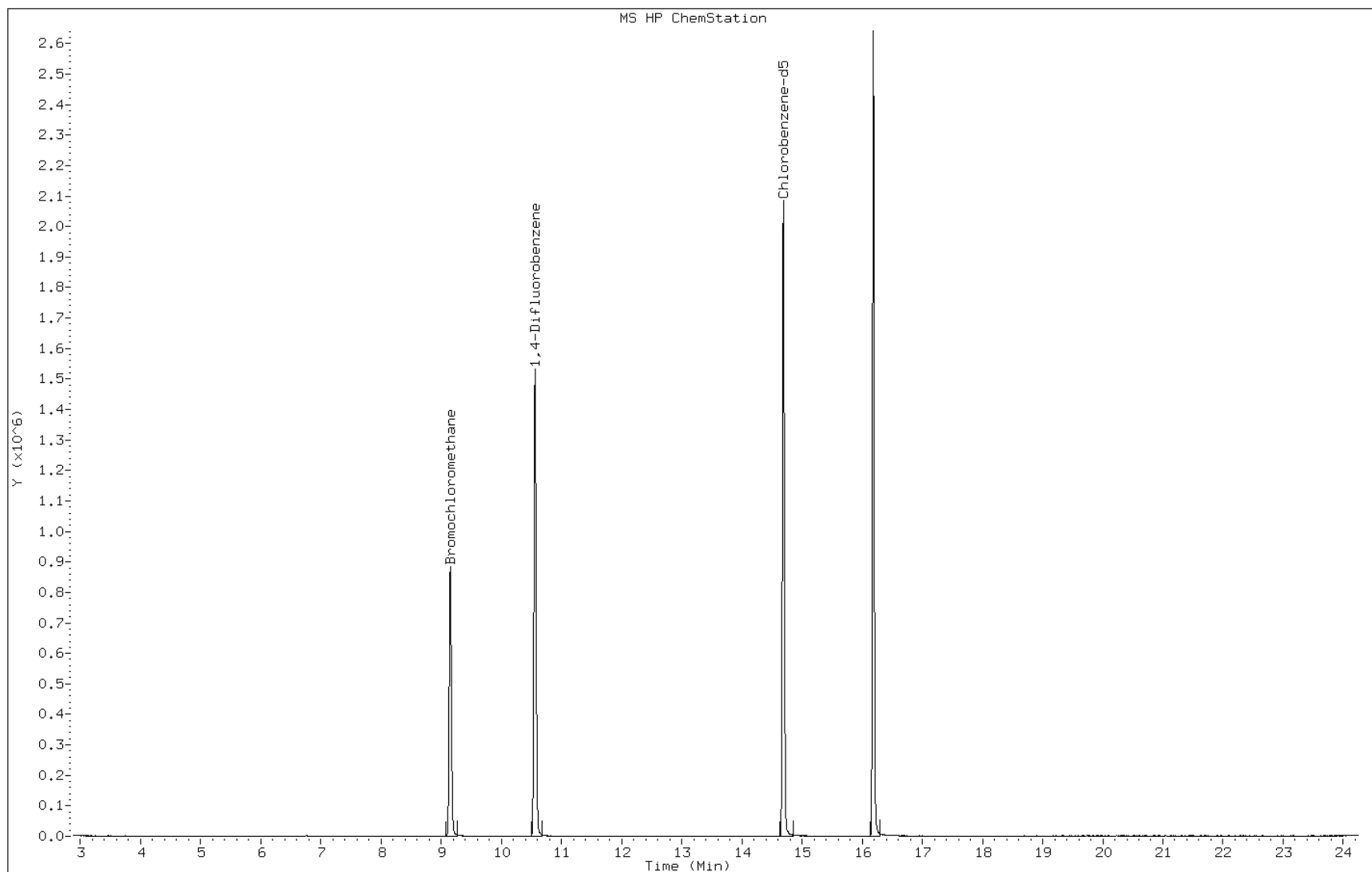
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50						
6 Butane	43						
7 Vinyl chloride	62						
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	FINAL
	MASS							(ppb v/v)	(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						Compound Not Detected.		
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						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.		
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	9.151	9.156	(1.000)		435655		10.0000	
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	10.559	10.570	(1.000)		2007278		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	14.690	14.696	(1.000)			1829030	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.		

Data File: bklw005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 08-MAR-2012 13:26
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
 SDG No.: 200-9580
 Client Sample ID: _____ Lab Sample ID: LCS 200-34715/4
 Matrix: Air Lab File ID: bklw004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 12:34
 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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	11.7		0.50	0.038
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.7		0.20	0.032
75-01-4	Vinyl chloride	62.50	11.8		0.20	0.029
106-99-0	1,3-Butadiene	54.09	12.4		0.20	0.010
74-83-9	Bromomethane	94.94	10.4		0.20	0.012
75-00-3	Chloroethane	64.52	10.4		0.50	0.016
593-60-2	Bromoethene (Vinyl Bromide)	106.96	10.4		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	11.0		0.20	0.034
75-35-4	1,1-Dichloroethene	96.94	10.6		0.20	0.030
107-05-1	3-Chloropropene	76.53	10.6		0.50	0.019
75-09-2	Methylene Chloride	84.93	11.0		0.50	0.013
1634-04-4	Methyl tert-butyl ether	88.15	10.5		0.20	0.016
156-60-5	trans-1,2-Dichloroethene	96.94	10.4		0.20	0.032
110-54-3	n-Hexane	86.17	9.99		0.20	0.026
75-34-3	1,1-Dichloroethane	98.96	10.3		0.20	0.035
156-59-2	cis-1,2-Dichloroethene	96.94	10.1		0.20	0.014
540-59-0	1,2-Dichloroethene, Total	96.94	20.5		0.20	0.014
67-66-3	Chloroform	119.38	10.3		0.20	0.031
71-55-6	1,1,1-Trichloroethane	133.41	10.8		0.20	0.035
110-82-7	Cyclohexane	84.16	9.88		0.20	0.039
56-23-5	Carbon tetrachloride	153.81	10.8		0.20	0.033
540-84-1	2,2,4-Trimethylpentane	114.23	10.4		0.20	0.036
71-43-2	Benzene	78.11	9.85		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	11.2		0.20	0.031
142-82-5	n-Heptane	100.21	10.6		0.20	0.010
79-01-6	Trichloroethene	131.39	10.1		0.20	0.030
78-87-5	1,2-Dichloropropane	112.99	9.69		0.20	0.014
75-27-4	Bromodichloromethane	163.83	11.2		0.20	0.028
10061-01-5	cis-1,3-Dichloropropene	110.97	10.1		0.20	0.016
108-88-3	Toluene	92.14	9.66		0.20	0.018
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.020
79-00-5	1,1,2-Trichloroethane	133.41	9.42		0.20	0.019
127-18-4	Tetrachloroethene	165.83	9.55		0.20	0.011
124-48-1	Dibromochloromethane	208.29	10.9		0.20	0.021
106-93-4	1,2-Dibromoethane	187.87	9.74		0.20	0.018

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AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9580-1
SDG No.: 200-9580
Client Sample ID: _____ Lab Sample ID: LCS 200-34715/4
Matrix: Air Lab File ID: bklw004.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 03/08/2012 12:34
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.: 34715 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	9.83		0.20	0.022
179601-23-1	m,p-Xylene	106.17	19.6		0.50	0.048
95-47-6	Xylene, o-	106.17	9.69		0.20	0.022
1330-20-7	Xylene (total)	106.17	29.3		0.20	0.022
75-25-2	Bromoform	252.75	11.1		0.20	0.019
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.51		0.20	0.040
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.046
108-67-8	1,3,5-Trimethylbenzene	120.20	9.94		0.20	0.051

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bklwto15.b/bklw004.d
Lab Smp Id: lcs 290911
Inj Date : 08-MAR-2012 12:34
Operator : wrd
Smp Info : lcs 290911
Misc Info : 200,1, lcs
Comment :
Method : /chem/B.i/Bsvr.p/bklwto15.b/to15v5.m
Meth Date : 09-Mar-2012 12:21 wrd
Cal Date : 30-JAN-2012 22:31
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: B.i
Quant Type: ISTD
Cal File: bkl009.d
QC Sample: LCS
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	2.987	2.981	(0.326)	111202	11.8527	12
2 Dichlorodifluoromethane	85	3.035	3.035	(0.332)	778277	11.7436	12
3 Chlorodifluoromethane	51	3.067	3.067	(0.335)	294069	12.1914	12
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.221	3.221	(0.352)	780306	11.7347	12
5 Chloromethane	50	3.328	3.328	(0.364)	152278	12.0975	12
6 Butane	43	3.472	3.472	(0.379)	247584	12.0304	12
7 Vinyl chloride	62	3.504	3.504	(0.383)	222409	11.8457	12
8 1,3-Butadiene	54	3.558	3.558	(0.389)	158821	12.4026	12
9 Bromomethane	94	4.102	4.107	(0.448)	357326	10.4028	10
10 Chloroethane	64	4.300	4.305	(0.470)	159421	10.4094	10
11 2-Methylbutane	43	4.374	4.374	(0.478)	288031	10.8540	11
12 Vinyl bromide	106	4.673	4.673	(0.511)	454657	10.3757	10
13 Trichlorofluoromethane	101	4.764	4.764	(0.521)	1046028	10.9542	11
14 Pentane	43	4.892	4.897	(0.535)	457157	10.3967	10

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
15 Ethanol	45		5.271	5.271 (0.576)			163548	16.3497	16
16 Ethyl ether	59		5.378	5.378 (0.588)			244323	9.60860	9.6
17 1,1,2-Trichloro-1,2,2-trifluo	101		5.751	5.751 (0.628)			897711	10.6411	11
18 Acrolein	56		5.719	5.719 (0.625)			97131	7.77423	7.8
19 1,1-Dichloroethene	96		5.815	5.815 (0.635)			449841	10.6434	11
20 Acetone	43		6.002	6.007 (0.656)			473341	12.2546	12
21 Carbon disulfide	76		6.226	6.226 (0.680)			1180222	9.98535	10
22 Isopropanol	45		6.274	6.279 (0.686)			319429	10.0325	10
23 Allyl chloride	41		6.504	6.504 (0.711)			336776	10.6348	11
24 Acetonitrile	41		6.578	6.584 (0.719)			204128	10.2378	10
25 Methylene chloride	49		6.754	6.760 (0.738)			335133	11.0210	11
26 Tert-butyl alcohol	59		6.989	6.989 (0.764)			551966	10.1026	10
27 Methyl tert-butyl ether	73		7.139	7.144 (0.780)			1094021	10.4860	10
28 1,2-Dichloroethene (trans)	61		7.155	7.160 (0.782)			499610	10.3784	10
29 Acrylonitrile	53		7.240	7.245 (0.791)			231494	10.3414	10
30 n-Hexane	57		7.486	7.491 (0.818)			535256	9.99338	10
31 1,1-Dichloroethane	63		7.886	7.891 (0.862)			633860	10.2987	10
32 Vinyl acetate	43		7.918	7.923 (0.865)			696795	10.6018	11
M 33 1,2-Dichloroethene,Total	61						976195	20.4606	20
34 1,2-Dichloroethene (cis)	96		8.788	8.793 (0.960)			476585	10.0822	10
35 Ethyl acetate	88		8.825	8.831 (0.964)			38391	9.79092	9.8
36 Methyl Ethyl Ketone	72		8.804	8.809 (0.962)			200405	10.1768	10(Q)
* 37 Bromochloromethane	128		9.151	9.156 (1.000)			437229	10.0000	
38 Tetrahydrofuran	42		9.199	9.204 (0.871)			305695	10.7037	11
39 Chloroform	83		9.236	9.241 (1.009)			828912	10.3260	10
40 Cyclohexane	84		9.487	9.492 (0.898)			594304	9.88325	9.9
41 1,1,1-Trichloroethane	97		9.476	9.482 (0.897)			883399	10.7910	11
42 Carbon tetrachloride	117		9.684	9.684 (0.917)			929859	10.7719	11
43 2,2,4-Trimethylpentane	57		9.973	9.978 (0.944)			1628283	10.3596	10
44 Benzene	78		10.005	10.010 (0.947)			1256952	9.84887	9.8
45 1,2-Dichloroethane	62		10.111	10.117 (0.957)			458355	11.2021	11
46 n-Heptane	43		10.234	10.239 (0.969)			513970	10.6054	11
* 47 1,4-Difluorobenzene	114		10.565	10.570 (1.000)			1991037	10.0000	
48 n-Butanol	56		10.864	10.869 (1.028)			138206	8.10280	8.1
49 Trichloroethene	95		10.923	10.928 (1.034)			594785	10.1010	10
50 1,2-Dichloropropane	63		11.286	11.291 (1.068)			389621	9.69086	9.7
51 Methyl methacrylate	69		11.360	11.366 (1.075)			418422	10.3025	10
52 Dibromomethane	174		11.472	11.478 (1.086)			606639	10.1315	10
53 1,4-Dioxane	88		11.472	11.478 (1.086)			172234	8.56873	8.6
54 Bromodichloromethane	83		11.654	11.659 (1.103)			926291	11.1537	11
55 1,3-Dichloropropene (cis)	75		12.278	12.283 (1.162)			660453	10.1247	10
56 Methyl isobutyl ketone	43		12.470	12.476 (1.180)			659031	11.3455	11
57 n-Octane	43		12.710	12.716 (1.203)			687399	10.7769	11
58 Toluene	92		12.700	12.705 (0.864)			989998	9.65615	9.7
59 1,3-Dichloropropene (trans)	75		13.073	13.079 (1.237)			678995	10.3017	10
60 1,1,2-Trichloroethane	83		13.340	13.346 (0.908)			444008	9.41972	9.4
61 Tetrachloroethene	166		13.468	13.474 (0.917)			934536	9.55405	9.6

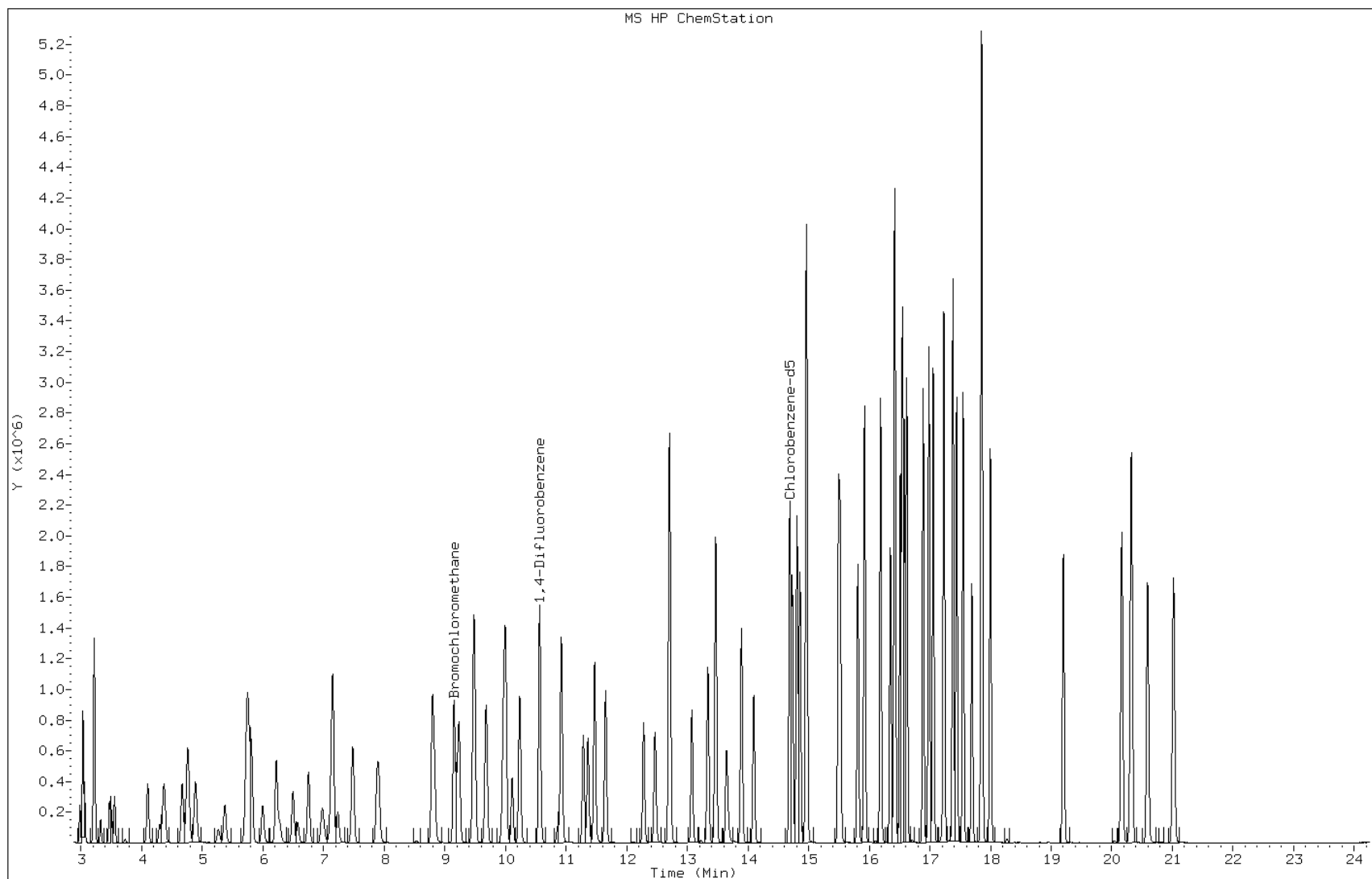
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.650	13.655	(0.929)	624521	10.7975	11
63 Dibromochloromethane	129	13.895	13.901	(0.946)	1120635	10.9175	11
64 1,2-Dibromoethane	107	14.098	14.103	(0.960)	932331	9.73557	9.7
* 65 Chlorobenzene-d5	117	14.690	14.696	(1.000)	1864335	10.0000	
66 Chlorobenzene	112	14.733	14.738	(1.003)	1428645	9.40085	9.4
67 n-Nonane	57	14.856	14.861	(1.011)	783818	10.2107	10
68 Ethylbenzene	91	14.808	14.813	(1.008)	2142982	9.82884	9.8
69 Xylene (m,p)	106	14.968	14.973	(1.019)	1843498	19.6489	20
M 70 Xylenes, Total	106				2738118	29.3407	29
71 Xylene (o)	106	15.496	15.502	(1.055)	894620	9.69178	9.7
72 Styrene	104	15.523	15.528	(1.057)	1389592	10.1782	10
73 Bromoform	173	15.817	15.822	(1.077)	1118514	11.0983	11
74 Isopropylbenzene	105	15.923	15.929	(1.084)	2596263	10.0460	10
75 1,1,2,2-Tetrachloroethane	83	16.350	16.356	(1.113)	1165282	9.51125	9.5
76 n-Propylbenzene	91	16.420	16.425	(1.118)	2942996	10.3244	10
77 1,2,3-Trichloropropane	75	16.430	16.436	(1.118)	859749	10.4887	10
78 n-Decane	57	16.510	16.516	(1.124)	980082	10.5787	11
79 4-Ethyltoluene	105	16.548	16.553	(1.126)	2751081	10.4664	10
80 2-Chlorotoluene	91	16.580	16.585	(1.129)	2302151	10.3413	10
81 1,3,5-Trimethylbenzene	105	16.622	16.622	(1.131)	2161737	9.94475	9.9
82 Alpha Methyl Styrene	118	16.889	16.895	(1.150)	1208990	10.7181	11
83 tert-butylbenzene	119	16.985	16.991	(1.156)	2186559	10.2122	10
84 1,2,4-Trimethylbenzene	105	17.055	17.060	(1.161)	2123245	9.86896	9.9
85 sec-Butylbenzene	105	17.236	17.236	(1.173)	3210860	10.1369	10
86 4-Isopropyltoluene	119	17.386	17.386	(1.183)	2826149	10.4545	10
87 1,3-Dichlorobenzene	146	17.444	17.450	(1.187)	1623865	9.57521	9.6
88 1,4-Dichlorobenzene	146	17.551	17.556	(1.195)	1628372	9.53746	9.5
89 Benzyl chloride	91	17.695	17.700	(1.205)	1528639	8.58494	8.6
90 Undecane	57	17.850	17.855	(1.215)	1031753	11.8255	12
91 n-Butylbenzene	91	17.861	17.866	(1.216)	2334705	10.7593	11
92 1,2-Dichlorobenzene	146	17.999	18.005	(1.225)	1503020	9.32061	9.3
93 Dodecane	57	19.200	19.200	(1.307)	903728	11.4573	11
94 1,2,4-Trichlorobenzene	180	20.166	20.171	(1.373)	1136511	9.81272	9.8
95 1,3-Hexachlorobutadiene	225	20.321	20.326	(1.383)	879121	10.4460	10
96 Naphthalene	128	20.588	20.598	(1.401)	2464745	9.33338	9.3
97 1,2,3-Trichlorobenzene	180	21.020	21.025	(1.431)	1061435	11.1916	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bklw004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 290911
Lab Sample ID: lcs 290911

Date: 08-MAR-2012 12:34
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TALS B&D # 33061

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability				Instrument Information																																																																																					
Batch ID: BXL		Start Date: 11/30/12		Time: 1531		Instrument ID: B																																																																																					
Test Method: TOL5		End Date: 11/31/12		Time: 1531		Instrument: 5973																																																																																					
ICAL Date: 11/30/12				ICV/LCS Lot # 283784		Column Type: RTX-624																																																																																					
Manager: MTP		Analyst: WJL		Analyst: AHK		Analyst:																																																																																					
Name/Initial: Mark Phillips		William D. Dandridge		Angela H. Keene																																																																																							
Signature: Mark Phillips		Angela H. Keene																																																																																									
Sequence Information																																																																																											
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator																																																																																				
1531	BXL 001	NA	BEB	NA	NA	NA	AHK																																																																																				
1626	002	4634	vibll	1	1	200																																																																																					
1718	003	2969	IC-01		2																																																																																						
1810	004	2603	1-02		3																																																																																						
2102	005	3093	1-03		4																																																																																						
2154	006	3503	ICIS-04		5																																																																																						
2246	007	3643	IC-05		6																																																																																						
2339	008	3551	1-06		7																																																																																						
2431	009	3631	1-07		8																																																																																						
2523	010	4634	vibll		1																																																																																						
2615	011	4634	vibll		1																																																																																						
2707	012	3152	ICV		9																																																																																						
2800	013	4634	vibll		1																																																																																						
2852	014	3152	LCS		9																																																																																						
2944	015	4634	MB		1																																																																																						
3037	016	3564	8146-08		10	40																																																																																					
3129	017	3564	1-09		10	80																																																																																					
3221	018	3564	1-10		10	200																																																																																					
3313	019	2603	1-11		10	200																																																																																					
3405	020	3564	1-12		10	200																																																																																					
3497	021	2603	1-12		10	200																																																																																					
3589	022	3093	1-12		47	200																																																																																					
3681	023	4634	vibll	NA	11	200																																																																																					
3773	024	4445	9135-10	0.2	11	1000																																																																																					
Individual Sample Review <table border="1"> <thead> <tr> <th>Internal Std.</th> <th>Result Conc.</th> <th>Primary Anal.</th> <th>Comments / Standard Traceability</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>✓</td> <td>AHK</td> <td>dk</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>379336</td> </tr> <tr> <td>NA</td> <td>✓</td> <td></td> <td>379315</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>275709</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>279078</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>279073</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>279072</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>275630</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>AG 283784</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>AG 283784</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>dk</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 0.04 283007</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 0.08</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 0.20</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 0.50 279315</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 0.2 283007</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 0.5 279315</td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>LOD 5.0 275709</td> </tr> <tr> <td>✓</td> <td>✓</td> <td>AHK</td> <td></td> </tr> <tr> <td>✓</td> <td>✓</td> <td></td> <td>C</td> </tr> </tbody> </table>								Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability	NA	✓	AHK	dk	✓	✓		379336	NA	✓		379315	✓	✓		275709	✓	✓		279078	✓	✓		279073	✓	✓		279072	✓	✓		275630	✓	✓		AG 283784	✓	✓		AG 283784	✓	✓		dk	✓	✓		LOD 0.04 283007	✓	✓		LOD 0.08	✓	✓		LOD 0.20	✓	✓		LOD 0.50 279315	✓	✓		LOD 0.2 283007	✓	✓		LOD 0.5 279315	✓	✓		LOD 5.0 275709	✓	✓	AHK		✓	✓		C
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Legend: C=Complete R=Reanalyze ↑ = High ↓ = Low ✓ = Reviewed and Acceptable																																																																																											

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability			Instrument Information		
Batch ID:	BKLLW	Start Date: 3/8/12	Time: 1000	ISTD Lot #:	248060	Instrument ID: B		
Test Method:	TOX	End Date: 3/9/12	Time: 1000	CAL STD Lot #	291253	Instrument: 5973		
ICAL Date:				ICV/LCS Lot #	290411	Column Type: RTX-624		
Manager		Analyst		Analyst		Analyst		
Name/Initial								
Signature								
Sequence Information								
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)		
1000	BKLLW001		BFB	NA				
1049	02	3292	Do not use		1	200		
1141	03	3482	CCV		1	200		
1234	04	2960	LES		2			
1326	05	4632	MLB		3			
1426	06	4116	9646-11	0.2	4	1000		
1518	07	3689	9580-1	2	5	700		
1611	08	3326	L-3	1	6	200		
1703	09	4553	L-5	1	7	200		
1756	10	3488	9525-2	320	8	25		
1848	11	3303	9526-1	175	9	43		
1940	12	Bay	9660-1	10	10	20		
2033	13	1	L-2	10	11	20		
2132	14	3232	9646-1	0.2	12	1000		
2231	15	3047	MLB 2012		13			
2329	16	4266	L-3		14			
0022	17	5292	Condition	NA	1	200		
0114	18	4920	9661-1	31.0	15	25		
0207	19	5020	L-04	306	16	40		
0259	20	5130	L-05	2.50	2	116		
0358	21	2540	9662-03	0.2	3	1000		
0457	22	2576	9665-10	0.2	4	1000		
0550	023	5292	Condition	NA	1	200		
0649	24	3221	9654-04	0.2	5	1000		
0741	25	5292	Condition	NA	1	200		
0825	26	3221	1/18LR	204	7.5	200		
0920	27	4435	9661-2	20400	8	20		

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

Sequence						Standard Traceability				Instrument Information	
Batch ID:		Start Date:		Time:		ISTD Lot #:				Instrument ID: B	
Test Method:		End Date:		Time:		CAL STD Lot #				Instrument: 5973	
ICAL Date:						ICV / LCS Lot #				Column Type: RTX-624	
Name/Initial	Manager	Analyst	Analyst	Volume (mL)	Inlet #	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability	
Signature											
Individual Sample Review											
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0958	BKLU02-8	4725	9661-3	20,300	7	20	WLB	✓	↑	UND	CDF 2028/15 KEY3
3/9/12 [Signature]											

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-9580-1SDG No.: 200-9580Instrument ID: B.iStart Date: 01/30/2012 15:31Analysis Batch Number: 33061End Date: 01/31/2012 12:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33061/1		01/30/2012 15:31	1	bkl001.d	RTX-624 0.32 (mm)
VIBLK 200-33061/2		01/30/2012 16:26	1		RTX-624 0.32 (mm)
IC 200-33061/3		01/30/2012 17:18	1	bkl003.d	RTX-624 0.32 (mm)
IC 200-33061/4		01/30/2012 18:10	1	bkl004.d	RTX-624 0.32 (mm)
IC 200-33061/5		01/30/2012 19:02	1	bkl005.d	RTX-624 0.32 (mm)
ICIS 200-33061/6		01/30/2012 19:54	1	bkl006.d	RTX-624 0.32 (mm)
IC 200-33061/7		01/30/2012 20:46	1	bkl007.d	RTX-624 0.32 (mm)
IC 200-33061/8		01/30/2012 21:39	1	bkl008.d	RTX-624 0.32 (mm)
IC 200-33061/9		01/30/2012 22:31	1	bkl009.d	RTX-624 0.32 (mm)
VIBLK 200-33061/10		01/30/2012 23:23	1		RTX-624 0.32 (mm)
VIBLK 200-33061/11		01/31/2012 00:15	1		RTX-624 0.32 (mm)
ICV 200-33061/12		01/31/2012 01:07	1	bkl012.d	RTX-624 0.32 (mm)
VIBLK 200-33061/13		01/31/2012 02:00	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 02:52	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 03:44	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 04:37	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 05:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 05:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 06:21	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 06:21	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 07:13	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 08:05	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 08:57	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 09:50	1		RTX-624 0.32 (mm)
VIBLK 200-33061/23		01/31/2012 11:16	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 12:16	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-9580-1SDG No.: 200-9580Instrument ID: B.iStart Date: 03/08/2012 10:00Analysis Batch Number: 34715End Date: 03/09/2012 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-34715/1		03/08/2012 10:00	1	bklw001.d	RTX-624 0.32 (mm)
CCVIS 200-34715/2		03/08/2012 10:49	1		RTX-624 0.32 (mm)
CCVIS 200-34715/3		03/08/2012 11:41	1	bklw003.d	RTX-624 0.32 (mm)
LCS 200-34715/4		03/08/2012 12:34	1	bklw004.d	RTX-624 0.32 (mm)
MB 200-34715/5		03/08/2012 13:26	1	bklw005.d	RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 14:26	0.2		RTX-624 0.32 (mm)
200-9580-1	SSV-1	03/08/2012 15:18	2	bklw007.d	RTX-624 0.32 (mm)
200-9580-3	SSV-2	03/08/2012 16:11	1	bklw008.d	RTX-624 0.32 (mm)
200-9580-5	SSV-3	03/08/2012 17:03	1	bklw009.d	RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 17:56	37		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 18:48	17.9		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 19:40	10		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 20:33	10		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 21:32	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 22:31	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/08/2012 23:29	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 00:22	1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 01:14	31		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 02:07	306		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 02:59	2.5		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 03:58	1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 04:57	1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 05:50	1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 06:49	1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 06:49	0.2		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 07:41	1		RTX-624 0.32 (mm)
VIBLK 200-34715/26		03/09/2012 08:29	1		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 09:20	20400		RTX-624 0.32 (mm)
ZZZZZ		03/09/2012 09:58	20300		RTX-624 0.32 (mm)

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
HA Inc	9580	3/6/12	2327	29.8	22	64	MD

a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓	
the flow controller ID used for each canister recorded?	✓	
visible sign of damage to canister and/or flow controller (FC) present?		✓

image observed, list equipment IDs and describe condition:

[illegible]

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

48/p41, p42, p55

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
SDG No.: _____
Matrix: Air Level: Low Lab File ID: bklm003.d
Lab ID: LCS 200-34059/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	10.6	106	70-130	
Dichlorodifluoromethane	10.0	10.8	108	70-130	
Freon 22	10.0	10.8	108	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.7	107	70-130	
Chloromethane	10.0	10.8	108	70-130	
n-Butane	10.0	10.6	106	70-130	
Vinyl chloride	10.0	10.7	108	70-130	
1,3-Butadiene	10.0	11.2	112	70-130	
Bromomethane	10.0	10.1	101	70-130	
Chloroethane	10.0	10.3	103	70-130	
Bromoethene (Vinyl Bromide)	10.0	10.4	104	70-130	
Trichlorofluoromethane	10.0	10.3	103	70-130	
Ethanol	15.0	16.7	111	70-130	
Freon TF	10.0	10.8	108	70-130	
1,1-Dichloroethene	10.0	11.0	110	70-130	
Acetone	10.0	11.4	114	70-130	
Isopropyl alcohol	10.0	9.62	96	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
3-Chloropropene	10.0	10.3	103	70-130	
Methylene Chloride	10.0	11.0	110	70-130	
tert-Butyl alcohol	10.0	9.78	98	70-130	
Methyl tert-butyl ether	10.0	10.4	104	70-130	
trans-1,2-Dichloroethene	10.0	10.3	103	70-130	
n-Hexane	10.0	10.2	102	70-130	
1,1-Dichloroethane	10.0	10.3	103	70-130	
Vinyl acetate	10.0	10.5	105	70-130	
Ethyl acetate	10.0	10.2	102	70-130	
Methyl Ethyl Ketone	10.0	10.3	103	70-130	
cis-1,2-Dichloroethene	10.0	10.4	104	70-130	
Chloroform	10.0	10.2	102	70-130	
Tetrahydrofuran	10.0	10.7	107	70-130	
1,1,1-Trichloroethane	10.0	10.4	104	70-130	
Cyclohexane	10.0	10.1	101	70-130	
Carbon tetrachloride	10.0	10.3	103	70-130	
2,2,4-Trimethylpentane	10.0	10.5	105	70-130	
Benzene	10.0	10.1	101	70-130	
1,2-Dichloroethane	10.0	10.5	105	70-130	
n-Heptane	10.0	10.6	106	70-130	
Trichloroethene	10.0	10.2	102	70-130	
Methyl methacrylate	10.0	10.6	106	70-130	
1,2-Dichloropropane	10.0	9.99	100	70-130	
1,4-Dioxane	10.0	8.52	85	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.: 200-9452-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: bklm003.d
 Lab ID: LCS 200-34059/3 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	10.2	102	70-130	
methyl isobutyl ketone	10.0	11.2	112	70-130	
Toluene	10.0	9.85	99	70-130	
trans-1,3-Dichloropropene	10.0	10.2	102	70-130	
1,1,2-Trichloroethane	10.0	9.55	95	70-130	
Tetrachloroethene	10.0	9.58	96	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.8	108	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	9.81	98	70-130	
Chlorobenzene	10.0	9.49	95	70-130	
Ethylbenzene	10.0	9.82	98	70-130	
m,p-Xylene	20.0	19.8	99	70-130	
Xylene, o-	10.0	9.76	98	70-130	
Styrene	10.0	10.3	103	70-130	
Bromoform	10.0	10.8	108	70-130	
Cumene	10.0	9.97	100	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.68	97	70-130	
n-Propylbenzene	10.0	10.2	102	70-130	
4-Ethyltoluene	10.0	10.3	103	70-130	
1,3,5-Trimethylbenzene	10.0	9.80	98	70-130	
2-Chlorotoluene	10.0	10.1	101	70-130	
tert-Butylbenzene	10.0	9.98	100	70-130	
1,2,4-Trimethylbenzene	10.0	9.66	97	70-130	
sec-Butylbenzene	10.0	10.0	100	70-130	
4-Isopropyltoluene	10.0	10.2	102	70-130	
1,3-Dichlorobenzene	10.0	9.36	94	70-130	
1,4-Dichlorobenzene	10.0	9.34	93	70-130	
Benzyl chloride	10.0	8.39	84	70-130	
n-Butylbenzene	10.0	10.5	105	70-130	
1,2-Dichlorobenzene	10.0	9.09	91	70-130	
1,2,4-Trichlorobenzene	10.0	9.68	97	70-130	
Hexachlorobutadiene	10.0	9.85	98	70-130	
Naphthalene	10.0	9.72	97	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.: 200-9452-1
SDG No.: _____
Lab File ID: bklm004.d Lab Sample ID: MB 200-34059/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: B.i Date Analyzed: 02/23/2012 14:35
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 200-34059/3	bklm003.d	02/23/2012 13:42
3725	200-9452-4	bklm007.d	02/23/2012 17:31

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-34059/4
 Matrix: Air Lab File ID: bklm004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/23/2012 14:35
 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.: 34059 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.: 200-9452-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-34059/4

Matrix: Air Lab File ID: bklm004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 02/23/2012 14:35

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.: 34059 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

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-34059/4
Matrix: Air Lab File ID: bklm004.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 02/23/2012 14:35
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.: 34059 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
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/B.i/Bsvr.p/bklmto15.b/bklm004.d
Lab Smp Id: mb
Inj Date : 23-FEB-2012 14:35
Operator : ahk
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/B.i/Bsvr.p/bklmto15.b/to15v5.m
Meth Date : 24-Feb-2012 11:30 pd
Cal Date : 30-JAN-2012 22:31
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: B.i
Quant Type: ISTD
Cal File: bkl009.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				Compound Not Detected.		
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	6.765	6.760	(0.739)	1909	0.04936	0.049(a)
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	9.156	9.156	(1.000)	556111	10.0000	
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	10.565	10.570	(1.000)	2572567	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.		

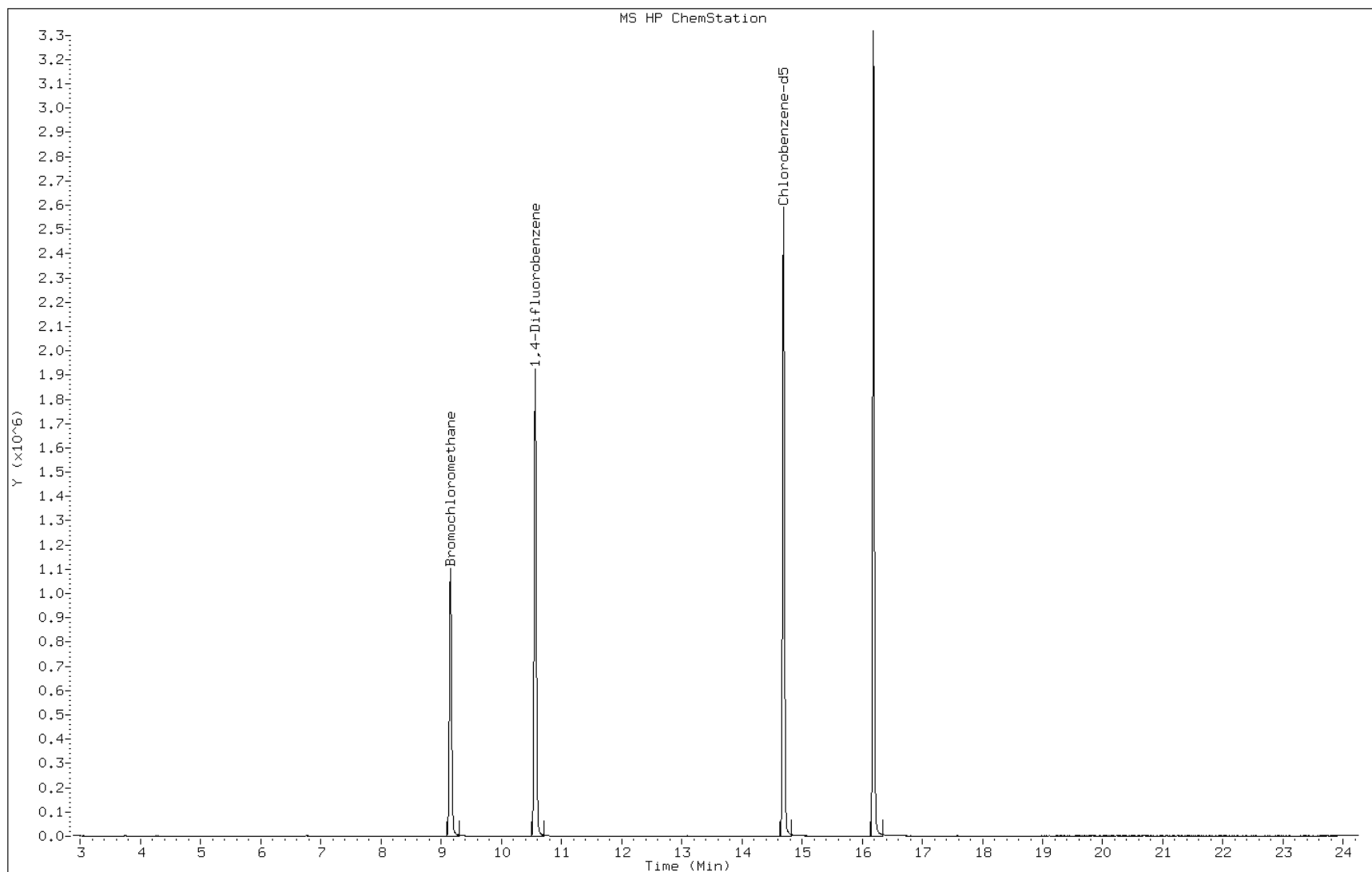
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	14.696	14.696	(1.000)	2340670	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).

Data File: bk1m004.d
Client ID:
Operator: ahk
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 23-FEB-2012 14:35
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
 SDG No.: _____
 Lab File ID: bk1001.d BFB Injection Date: 01/30/2012
 Instrument ID: B.i BFB Injection Time: 15:31
 Analysis Batch No.: 33061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	11.1
75	30.0 - 66.0% of mass 95	37.8
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	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	102.2
175	4.0 - 9.0 % of mass 174	7.2 (7.1) 1
176	93.0 - 101.0% of mass 174	99.0 (96.9) 1
177	5.0 - 9.0% of mass 176	6.4 (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 200-33061/3	bk1003.d	01/30/2012	17:18
	IC 200-33061/4	bk1004.d	01/30/2012	18:10
	IC 200-33061/5	bk1005.d	01/30/2012	19:02
	ICIS 200-33061/6	bk1006.d	01/30/2012	19:54
	IC 200-33061/7	bk1007.d	01/30/2012	20:46
	IC 200-33061/8	bk1008.d	01/30/2012	21:39
	IC 200-33061/9	bk1009.d	01/30/2012	22:31
	ICV 200-33061/12	bk1012.d	01/31/2012	01:07

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
 SDG No.: _____
 Lab File ID: bklm001.d BFB Injection Date: 02/23/2012
 Instrument ID: B.i BFB Injection Time: 12:02
 Analysis Batch No.: 34059

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	11.5
75	30.0 - 66.0% of mass 95	38.2
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 (0.4) 1
174	50.0 - 120.0% of mass 95	101.0
175	4.0 - 9.0 % of mass 174	7.1 (7.0) 1
176	93.0 - 101.0% of mass 174	97.1 (96.1) 1
177	5.0 - 9.0% of mass 176	6.4 (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 200-34059/2	bklm002.d	02/23/2012	12:52
	LCS 200-34059/3	bklm003.d	02/23/2012	13:42
	MB 200-34059/4	bklm004.d	02/23/2012	14:35
3725	200-9452-4	bklm007.d	02/23/2012	17:31

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
SDG No.: _____
Sample No.: ICIS 200-33061/6 Date Analyzed: 01/30/2012 19:54
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): bkl006.d Heated Purge: (Y/N) N
Calibration ID: 13273

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	602385	9.16	2782792	10.57	2552908	14.70
UPPER LIMIT	843339	9.49	3895909	10.90	3574071	15.03
LOWER LIMIT	361431	8.83	1669675	10.24	1531745	14.37
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-33061/12		614531	9.16	2837795	10.57	2573101 14.70

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.: 200-9452-1
 SDG No.: _____
 Sample No.: CCVIS 200-34059/2 Date Analyzed: 02/23/2012 12:52
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): bklm002.d Heated Purge: (Y/N) N
 Calibration ID: 13273

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		573515	9.16	2635174	10.56	2411389	14.70
UPPER LIMIT		802921	9.49	3689244	10.89	3375945	15.03
LOWER LIMIT		344109	8.83	1581104	10.23	1446833	14.37
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-34059/3		568923	9.16	2609861	10.56	2440808	14.70
MB 200-34059/4		556111	9.16	2572567	10.56	2340670	14.70
200-9452-4	3725	507645	9.15	2362173	10.56	2120233	14.69

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.: 200-9452-1
 SDG No.: _____
 Client Sample ID: 3725 Lab Sample ID: 200-9452-4
 Matrix: Air Lab File ID: bklm007.d
 Analysis Method: TO-15 Date Collected: 02/22/2012 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/23/2012 17:31
 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.: 34059 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.: 200-9452-1

SDG No.: _____

Client Sample ID: 3725 Lab Sample ID: 200-9452-4

Matrix: Air Lab File ID: bklm007.d

Analysis Method: TO-15 Date Collected: 02/22/2012 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 02/23/2012 17:31

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.: 34059 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

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
SDG No.: _____
Client Sample ID: 3725 Lab Sample ID: 200-9452-4
Matrix: Air Lab File ID: bklm007.d
Analysis Method: TO-15 Date Collected: 02/22/2012 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 02/23/2012 17:31
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.: 34059 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
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: 200-9452-4
Client Smp ID: 3725
Inj Date : 23-FEB-2012 17:31
Operator : ahk
Smp Info : 200-9452-A-4
Misc Info : 1000,0.2, all74 + MN
Comment :
Method : /chem/B.i/Bsvr.p/bklmto15.b/to15v5.m
Meth Date : 24-Feb-2012 11:30 pd
Cal Date : 30-JAN-2012 22:31
Als bottle: 6
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bkl009.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	3.328	3.328	(0.364)	2292	0.15683	0.031(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	6.093	6.007	(0.666)	8007	0.17854	0.036(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				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	9.151	9.156	(1.000)	507645	10.0000	
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	10.015	10.010	(0.948)	7804	0.05154	0.010(a)
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43				Compound Not Detected.		
* 47 1,4-Difluorobenzene	114	10.560	10.570	(1.000)	2362173	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	14.690	14.696	(1.000)	2120233	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.		

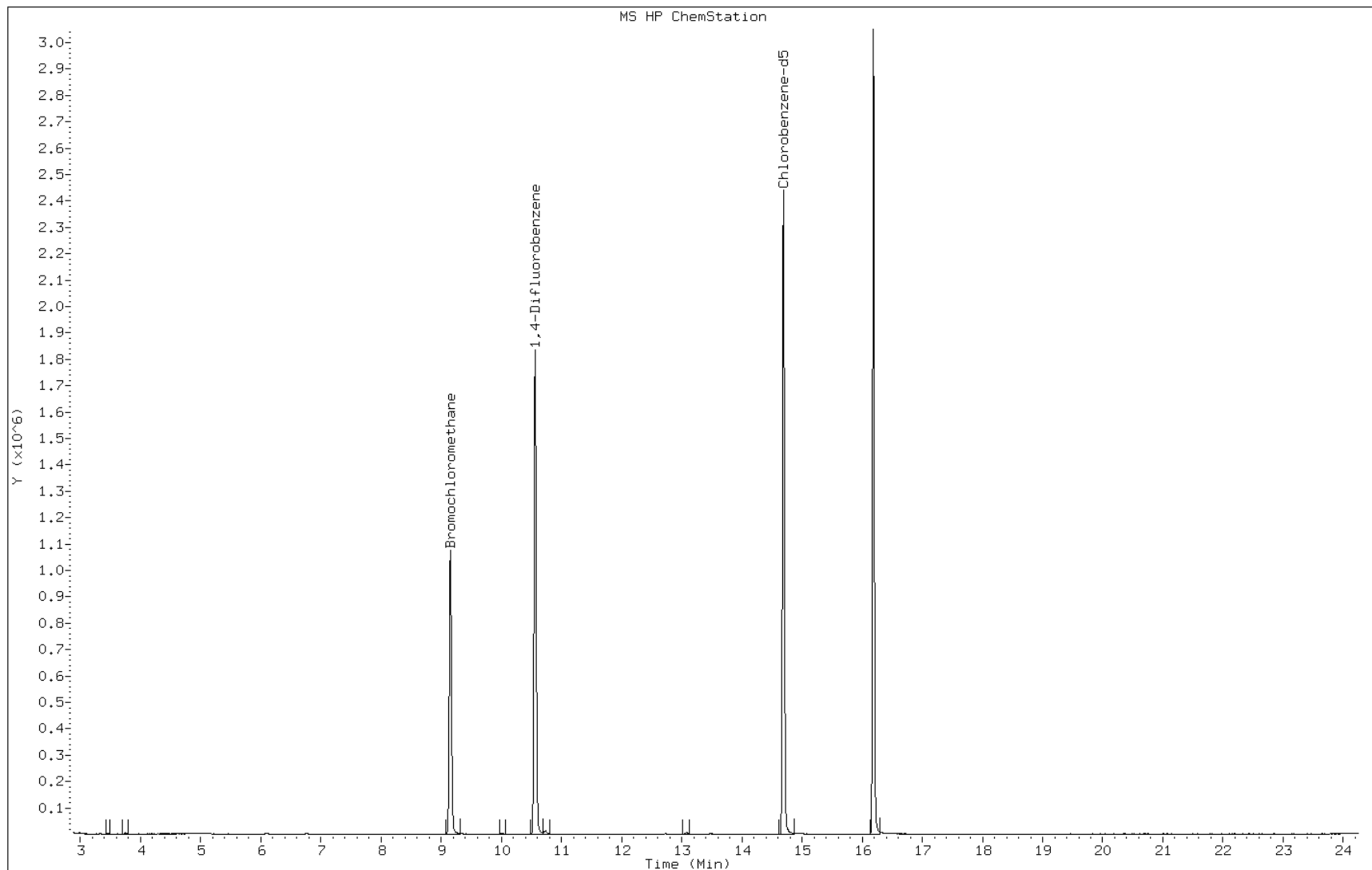
Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 Styrene	104		Compound	Not	Detected.				
73 Bromoform	173		Compound	Not	Detected.				
74 Isopropylbenzene	105		Compound	Not	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).
- M - Compound response manually integrated.

Data File: bk1m007.d
Client ID: 3725
Operator: ahk
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9452-A-4
Lab Sample ID: 200-9452-4

Date: 23-FEB-2012 17:31
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32

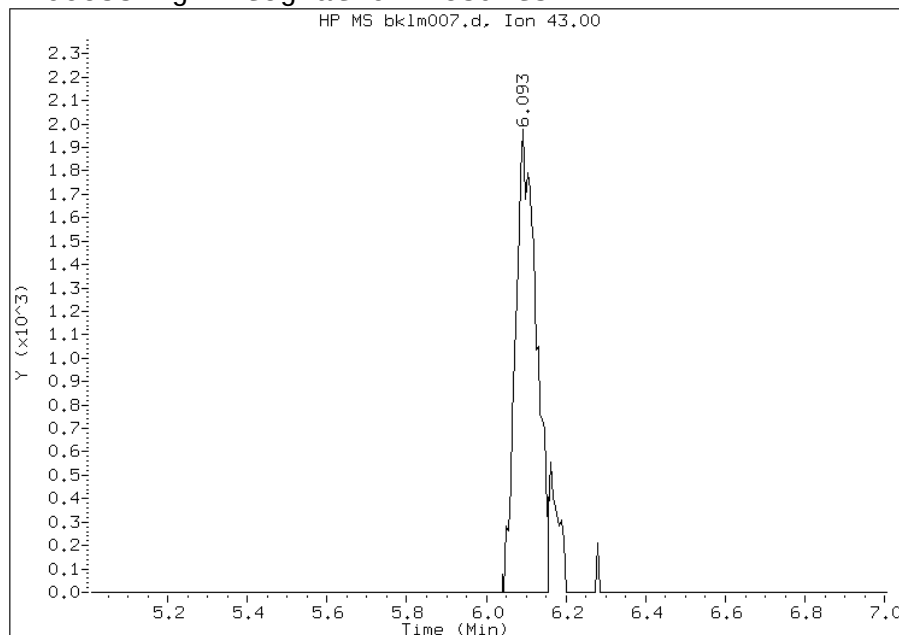


Manual Integration Report

Data File: bklm007.d
Lab Sample ID: 200-9452-4
Inj. Date and Time: 23-FEB-2012 17:31
Instrument ID: B.i
Client ID: 3725
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 02/24/2012

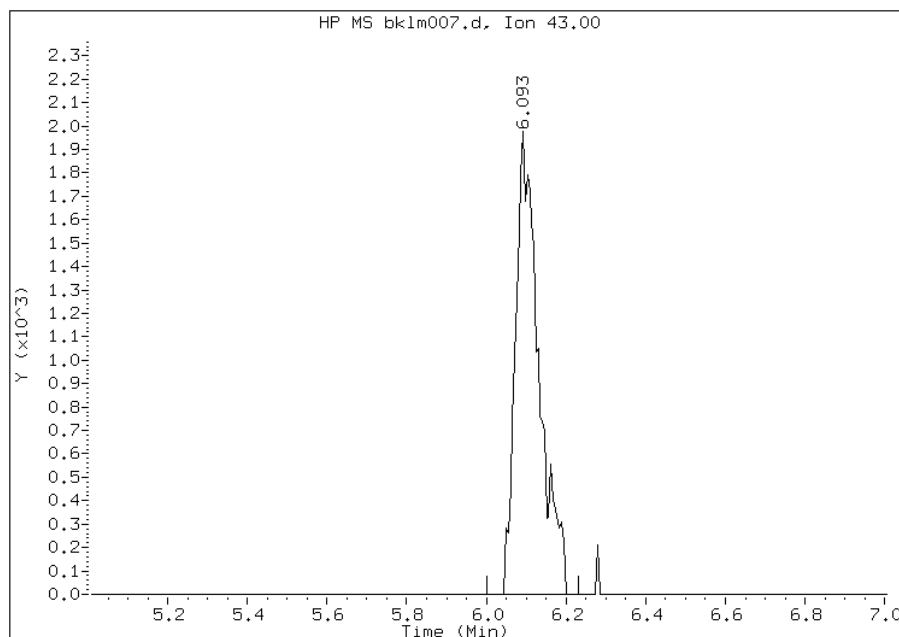
Processing Integration Results

RT: 6.09
Response: 7217
Amount: 0.160940
Conc: 0.032188



Manual Integration Results

RT: 6.09
Response: 8007
Amount: 0.178543
Conc: 0.035709



File Uploaded By: pd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-33061/3	IC 279336	bk1003.d
Level 2	IC 200-33061/4	IC 279315	bk1004.d
Level 3	IC 200-33061/5	IC 275709	bk1005.d
Level 4	ICIS 200-33061/6	ICIS 279078	bk1006.d
Level 5	IC 200-33061/7	IC 279073	bk1007.d
Level 6	IC 200-33061/8	IC 279072	bk1008.d
Level 7	IC 200-33061/9	IC 275630	bk1009.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 4	LVL 5		B	M1	M2								
Propylene	++++ 0.1982	0.2543 0.1880	0.2250	0.2153	0.2066	Ave		0.2146				10.9		30.0			
Dichlorodifluoromethane	++++ 1.4384	1.6811 1.3177	1.6221	1.5510	1.4841	Ave		1.5157				8.7		30.0			
Freon 22	++++ 0.5164	0.6198 0.4826	0.5886	0.5645	0.5383	Ave		0.5517				9.0		30.0			
1,2-Dichlorotetrafluoroethane	1.6079 1.4126	1.6903 1.2857	1.6371	1.5402	1.4721	Ave		1.5208				9.3		30.0			
Chloromethane	++++ 0.2721	0.3188 0.2547	0.3082	0.2923	0.2813	Ave		0.2879				8.2		30.0			
n-Butane	++++ 0.4432	0.5278 0.4106	0.5032	0.4797	0.4597	Ave		0.4707				9.0		30.0			
Vinyl chloride	0.4509 0.4039	0.4596 0.3780	0.4607	0.4332	0.4197	Ave		0.4294				7.2		30.0			
1,3-Butadiene	0.2901 0.2795	0.3106 0.2637	0.3148	0.3020	0.2896	Ave		0.2929				6.1		30.0			
Acrolein	++++ 0.2773	++++ 0.2683	0.3101	0.2932	0.2799	Ave		0.2858				5.7		30.0			
Bromomethane	0.8130 0.7420	0.8551 0.6860	0.8383	0.7957	0.7692	Ave		0.7856				7.5		30.0			
Chloroethane	++++ 0.3316	0.3729 0.3094	0.3820	0.3607	0.3451	Ave		0.3503				7.7		30.0			
Isopentane	0.6650 0.5580	0.6709 0.5115	0.6467	0.6144	0.5821	Ave		0.6069				9.8		30.0			
Bromoethene (Vinyl Bromide)	0.9831 0.9723	1.0875 0.9132	1.0588	1.0120	0.9884	Ave		1.0022				5.8		30.0			
Trichlorofluoromethane	2.2313 2.1002	2.3934 1.9811	2.2766	2.1825	2.1230	Ave		2.1840				6.1		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.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
n-Pentane	++++ 0.9450	1.1447 0.8602	1.0872	1.0250	0.9720	Ave		1.0057				10.2		30.0			
tert-Butyl alcohol	++++ 1.2751	1.1339	1.2465	1.3069	1.2856	Ave		1.2496				5.5		30.0			
Ethanol	++++ 0.2260	0.2401 0.2124	0.2377	0.2350	0.2215	Ave		0.2288				4.7		30.0			
Ethyl ether	0.5856 0.5606	0.6092 0.5253	0.6183	0.5949	0.5771	Ave		0.5816				5.4		30.0			
Isopropyl alcohol	++++ 0.7346	++++ 0.6348	0.7338	0.7882	0.7497	Ave		0.7282				7.8		30.0			
Acetonitrile	++++ 0.4411	++++ 0.4082	0.4737	0.4922	0.4650	Ave		0.4560				7.1		30.0			
Freon TF	2.0505 1.8518	2.0928 1.7370	1.9883	1.9164	1.8696	Ave		1.9295				6.4		30.0			
1,1-Dichloroethene	1.0088 0.9356	1.0254 0.8907	0.9944	0.9675	0.9441	Ave		0.9667				4.9		30.0			
Acetone	++++ 0.8265	++++ 0.7695	1.0522	0.9058	0.8632	Ave		0.8834				12.1		30.0			
Carbon disulfide	++++ 2.5881	3.0033 2.4320	2.8407	2.7157	2.6399	Ave		2.7033				7.4		30.0			
Ethyl acetate	++++ 0.0887	++++ 0.0837	0.0943	0.0922	0.0894	Ave		0.0897				4.5		30.0			
3-Chloropropene	0.7861 0.6908	0.7071 0.6566	0.7734	0.7418	0.7141	Ave		0.7243				6.3		30.0			
Methylene Chloride	++++ 0.6500	0.7960 0.6038	0.7461	0.7056	0.6715	Ave		0.6955				9.9		30.0			
Vinyl acetate	++++ 1.4518	++++ 1.3609	1.6100	1.5734	1.5199	Ave		1.5032				6.6		30.0			
trans-1,2-Dichloroethene	1.1682 1.0332	1.1968 0.9468	1.1728	1.1178	1.0714	Ave		1.1010				8.2		30.0			
Methyl tert-butyl ether	2.4304 2.3169	2.5000 2.1810	2.5037	2.4122	2.3592	Ave		2.3862				4.7		30.0			
Acrylonitrile	++++ 0.5111	0.4517 0.4905	0.5476	0.5466	0.5243	Ave		0.5120				7.2		30.0			
n-Hexane	1.3516 1.1374	1.3371 1.0577	1.2865	1.2276	1.1772	Ave		1.2250				8.8		30.0			
n-Butanol	++++ 0.0885	++++ 0.0854	0.0798	0.0877	0.0870	Ave		0.0857				4.1		30.0			
1,1-Dichloroethane	1.4690 1.3348	1.5124 1.2421	1.4880	1.4327	1.3747	Ave		1.4077				6.8		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 CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
1,4-Dioxane	++++ 0.1039	++++ 0.0847	0.1019	0.1088	0.1055	Ave		0.1010				9.3		30.0			
cis-1,2-Dichloroethene	1.0885 1.0478	1.1624 0.9759	1.1308	1.0915	1.0710	Ave		1.0811				5.5		30.0			
Methyl Ethyl Ketone	++++ 0.4312	0.5065 0.3844	0.4749	0.4611	0.4443	Ave		0.4504				9.2		30.0			
Tetrahydrofuran	++++ 0.1384	++++ 0.1266	0.1570	0.1515	0.1437	Ave		0.1434				8.2		30.0			
Chloroform	1.9559 1.7484	1.9753 1.6583	1.9048	1.8302	1.7790	Ave		1.8360				6.3		30.0			
1,1,1-Trichloroethane	0.4272 0.4016	0.4322 0.3818	0.4209	0.4102	0.4042	Ave		0.4112				4.2		30.0			
Cyclohexane	0.3363 0.2863	0.3222 0.2595	0.3175	0.3007	0.2916	Ave		0.3020				8.5		30.0			
Carbon tetrachloride	0.4325 0.4316	0.4459 0.4193	0.4427	0.4328	0.4299	Ave		0.4336				2.0		30.0			
2,2,4-Trimethylpentane	0.8402 0.7402	0.8604 0.6588	0.8489	0.8069	0.7705	Ave		0.7894				9.1		30.0			
Benzene	0.7095 0.6029	0.6983 0.5497	0.6692	0.6396	0.6176	Ave		0.6410				8.8		30.0			
1,2-Dichloroethane	0.2150 0.2002	0.2117 0.1896	0.2139	0.2059	0.2023	Ave		0.2055				4.4		30.0			
n-Heptane	0.2593 0.2261	0.2639 0.2032	0.2641	0.2503	0.2370	Ave		0.2434				9.3		30.0			
Trichloroethene	0.3151 0.2864	0.3081 0.2695	0.3047	0.2963	0.2902	Ave		0.2957				5.2		30.0			
1,2-Dichloropropane	0.2106 0.1914	0.2177 0.1774	0.2120	0.2060	0.1985	Ave		0.2019				6.9		30.0			
Methyl methacrylate	++++ 0.2079	0.1785 0.1972	0.2145	0.2142	0.2116	Ave		0.2040				6.9		30.0			
Dibromomethane	0.2925 0.3114	0.2926 0.2971	0.3024	0.3037	0.3055	Ave		0.3007				2.3		30.0			
Bromodichloromethane	0.3877 0.4200	0.4114 0.3984	0.4438	0.4331	0.4253	Ave		0.4171				4.7		30.0			
cis-1,3-Dichloropropene	0.3015 0.3313	0.3219 0.3138	0.3463	0.3431	0.3354	Ave		0.3276				4.9		30.0			
methyl isobutyl ketone	++++ 0.2904	0.2654 0.2660	0.3162	0.3121	0.3004	Ave		0.2917				7.6		30.0			
Toluene	0.6012 0.5174	0.5937 0.4597	0.5824	0.5553	0.5398	Ave		0.5499				9.1		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.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
n-Octane	0.3778 0.2819	0.3593 0.2313	0.3553	0.3316	0.3054	Ave		0.3204				16.0		30.0			
trans-1,3-Dichloropropene	0.2981 0.3364	0.3264 0.3211	0.3492	0.3455	0.3404	Ave		0.3310				5.3		30.0			
1,1,2-Trichloroethane	0.2525 0.2447	0.2630 0.2296	0.2695	0.2573	0.2532	Ave		0.2528				5.1		30.0			
Tetrachloroethene	0.5302 0.5258	0.5412 0.4987	0.5284	0.5197	0.5287	Ave		0.5247				2.5		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.3103	0.2611 0.2924	0.3429	0.3316	0.3231	Ave		0.3102				9.6		30.0			
Dibromochloromethane	0.4670 0.5767	0.5122 0.5522	0.5821	0.5799	0.5840	Ave		0.5506				8.2		30.0			
1,2-Dibromoethane	0.4717 0.5178	0.5126 0.4940	0.5402	0.5318	0.5276	Ave		0.5137				4.6		30.0			
Chlorobenzene	0.8768 0.7832	0.8660 0.7427	0.8344	0.8064	0.7964	Ave		0.8151				5.8		30.0			
Ethylbenzene	1.2157 1.1204	1.2481 1.0390	1.2296	1.1789	1.1547	Ave		1.1695				6.2		30.0			
n-Nonane	0.4545 0.3735	0.4580 0.3249	0.4524	0.4204	0.3987	Ave		0.4118				12.1		30.0			
m,p-Xylene	0.5342 0.4782	0.5456 0.4155	0.5366	0.5130	0.4996	Ave		0.5032				9.0		30.0			
Xylene, o-	0.5027 0.4838	0.5173 0.4398	0.5228	0.5039	0.4954	Ave		0.4951				5.6		30.0			
Styrene	0.6336 0.7638	0.6755 0.7004	0.7896	0.7837	0.7796	Ave		0.7323				8.5		30.0			
Bromoform	0.4160 0.5933	0.4632 0.5485	0.5759	0.5875	0.5997	Ave		0.5406				13.4		30.0			
Cumene	1.4147 1.3488	1.4513 1.2419	1.4528	1.4106	1.3835	Ave		1.3862				5.3		30.0			
1,1,2,2-Tetrachloroethane	0.6731 0.6228	0.7045 0.5574	0.7068	0.6806	0.6549	Ave		0.6572				8.0		30.0			
n-Propylbenzene	1.6501 1.4203	1.6773 1.1894	1.6721	1.5827	1.5110	Ave		1.5290				11.6		30.0			
1,2,3-Trichloropropane	++++ 0.4079	0.4981 0.3425	0.4891	0.4626	0.4379	Ave		0.4397				13.2		30.0			
n-Dodecane	++++ 0.4225	++++ 0.2392	0.5078	0.4765	0.4696	Ave		0.4231				25.3		30.0			
n-Decane	++++ 0.4458	0.5832 0.3669	0.5728	0.5263	0.4867	Ave		0.4969				16.5		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.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

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 4	LVL 5		B	M1	M2								
4-Ethyltoluene	1.4597 1.3564	1.4861 1.1880	1.5138	1.4519	1.4132	Ave		1.4099				7.8		30.0			
2-Chlorotoluene	1.3143 1.1242	1.2781 1.0075	1.2591	1.2047	1.1706	Ave		1.1941				8.8		30.0			
1,3,5-Trimethylbenzene	1.2390 1.1345	1.2069 1.0273	1.2149	1.1806	1.1585	Ave		1.1660				6.1		30.0			
Alpha Methyl Styrene	0.4459 0.6611	0.5066 0.6138	0.6673	0.6707	0.6698	Ave		0.6050				15.2		30.0			
tert-Butylbenzene	1.2086 1.1179	1.2086 1.0182	1.1926	1.1555	1.1379	Ave		1.1485				5.9		30.0			
1,2,4-Trimethylbenzene	1.1911 1.1240	1.1965 1.0197	1.2174	1.1743	1.1550	Ave		1.1540				5.8		30.0			
sec-Butylbenzene	1.8134 1.6288	1.8047 1.4412	1.8021	1.7227	1.6801	Ave		1.6990				7.9		30.0			
4-Isopropyltoluene	1.4810 1.4256	1.4910 1.2618	1.5381	1.4879	1.4647	Ave		1.4500				6.2		30.0			
1,3-Dichlorobenzene	0.9605 0.8986	0.9260 0.8247	0.9294	0.9156	0.9127	Ave		0.9097				4.6		30.0			
1,4-Dichlorobenzene	0.9734 0.9086	0.9107 0.8308	0.9395	0.9243	0.9232	Ave		0.9158				4.7		30.0			
Benzyl chloride	0.8584 0.9610	0.9132 0.9354	1.0422	0.9923	0.9831	Ave		0.9551				6.2		30.0			
n-Undecane	++++ 0.4216	++++ 0.3127	0.6019	0.5277	0.4760	Ave		0.4680				23.4		30.0			
n-Butylbenzene	1.2463 1.0654	1.2956 0.8662	1.3053	1.2193	1.1494	Ave		1.1639				13.4		30.0			
1,2-Dichlorobenzene	0.9108 0.8567	0.8787 0.7927	0.8853	0.8646	0.8660	Ave		0.8650				4.2		30.0			
1,2,4-Trichlorobenzene	++++ 0.6572	0.5481 0.5232	0.6550	0.6632	0.6807	Ave		0.6212				10.8		30.0			
Hexachlorobutadiene	0.5025 0.4485	0.4589 0.3641	0.4665	0.4581	0.4614	Ave		0.4514				9.3		30.0			
Naphthalene	++++ 1.5112	1.1875 1.1587	1.5474	1.5202	1.5738	Ave		1.4165				13.4		30.0			
1,2,3-Trichlorobenzene	0.4188 0.5683	0.4423 0.3968	0.5697	0.5744	0.5907	Ave		0.5087				16.7		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.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-33061/3	bkl003.d
Level 2	IC 200-33061/4	bkl004.d
Level 3	IC 200-33061/5	bkl005.d
Level 4	ICIS 200-33061/6	bkl006.d
Level 5	IC 200-33061/7	bkl007.d
Level 6	IC 200-33061/8	bkl008.d
Level 7	IC 200-33061/9	bkl009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 250332	7941 478994	68047	129709	190880	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1816351	52497 3357989	490550	934302	1370977	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	+++++ 652012	19356 1229744	178000	340017	497267	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	20282 1783712	52785 3276274	495081	927817	1359907	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	+++++ 343525	9955 649160	93202	176069	259867	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	+++++ 559614	16481 1046378	152165	288943	424697	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	5688 510000	14353 963150	139310	260982	387668	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	3659 352892	9699 671929	95186	181930	267503	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	+++++ 350200	+++++ 683644	93775	176599	258573	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	10255 936901	26704 1748066	253521	479329	710529	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	+++++ 418723	11646 788369	115512	217296	318760	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	8388 704544	20951 1303392	195567	370115	537732	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene (Vinyl Bromide)	BCM	Ave	12401 1227753	33962 2327125	320211	609617	913054	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	28145 2652004	74740 5048507	688474	1314700	1961159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	+++++ 1193304	35746 2192165	328781	617467	897873	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
tert-Butyl alcohol	BCM	Ave	++++ 1610086	++++ 2889547	376975	787244	1187597	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	++++ 570655	74973 1353288	143781	212316	272882	++++ 40.0	5.00 100	10.0	15.0	20.0
Ethyl ether	BCM	Ave	7386 707882	19023 1338693	186982	358376	533086	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	++++ 927542	++++ 1617654	221909	474780	692594	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	++++ 556948	++++ 1040098	143269	296473	429537	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	25864 2338256	65355 4426359	601300	1154424	1727130	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	12725 1181435	32021 2269679	300730	582813	872172	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	++++ 1043619	++++ 1960966	318194	545633	797365	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	++++ 3268120	93786 6197548	859063	1635881	2438735	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	++++ 111980	++++ 213379	28531	55537	82631	++++ 20.0	++++ 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	9915 872333	22082 1673120	233890	446860	659690	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	++++ 820742	24856 1538694	225623	425068	620283	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	++++ 1833241	++++ 3468054	486879	947774	1404071	++++ 20.0	++++ 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	14735 1304709	37374 2412811	354662	673363	989778	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	30656 2925652	78069 5557927	757162	1453084	2179357	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	++++ 645362	14107 1250070	165612	329246	484331	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	17049 1436164	41754 2695421	389066	739469	1087499	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	++++ 511574	++++ 990700	111649	244006	370519	++++ 20.0	++++ 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	18530 1685498	47229 3165349	450011	863008	1269895	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	++++ 600749	++++ 982624	142567	302879	449131	++++ 20.0	++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	13730 1323052	36300 2486832	341972	657517	989369	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl Ethyl Ketone	BCM	Ave	++++ 544478	15816 979479	143629	277770	410406	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	++++ 800255	1469226	219695	421613	611851	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	24671 2207718	61685 4225944	576030	1102480	1643371	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	25244 2322486	63252 4429297	589002	1141558	1721343	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	19873 1656041	47158 3009999	444303	836724	1241587	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	25558 2496317	65261 4864921	619481	1204471	1830793	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	49646 4281251	125921 7643259	1187879	2245366	3280777	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	41925 3487122	102204 6377775	936436	1779929	2629663	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	12702 1158072	30987 2199262	299245	572841	861555	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	15319 1307925	38622 2356964	369497	696548	1009256	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	18619 1656397	45089 3126143	426361	824430	1235711	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	12442 1106968	31855 2057650	296651	573251	845351	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	++++ 1202276	26125 2287785	300113	596175	901029	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	17285 1800868	42820 3446859	423094	845035	1300888	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	22911 2429202	60211 4621510	620973	1205323	1811121	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	17816 1916061	47111 3641012	484626	954725	1428294	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	++++ 1679408	38842 3085564	442382	868613	1279333	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	32431 2762943	78552 4865806	742838	1417553	2095816	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	22325 1630314	52587 2682996	497158	922643	1300283	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	17616 1945540	47775 3725780	488683	961500	1449508	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	13619 1306926	34791 2430156	343786	656972	982957	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	28603 2807654	71599 5279150	673939	1326658	2052700	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1656963	34552 3094986	437341	846648	1254363	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	25191 3079298	67769 5844730	742443	1480428	2267385	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	25446 2764855	67824 5228886	689028	1357658	2048282	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	47296 4182375	114585 7861074	1064231	2058737	3092289	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	65578 5982971	165130 10997523	1568258	3009711	4483136	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	24515 1994426	60592 3439392	576945	1073130	1548054	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	57638 5107495	144364 8796740	1368772	2619216	3879250	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	27117 2583505	68447 4655377	666805	1286533	1923615	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	34180 4078401	89370 7413490	1007088	2000691	3026874	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	22439 3168244	61281 5806003	734454	1499887	2328551	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	76314 7202503	192020 13145101	1852915	3601118	5371499	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	36308 3325574	93208 5899876	901512	1737547	2542907	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	89014 7584139	221920 12589904	2132642	4040474	5866497	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 2178057	65905 3624955	623770	1180848	1700348	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	++++ 2255898	++++ 2531953	647608	1216352	1823131	++++ 20.0	++++ 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	++++ 2380717	77157 3883387	730503	1343652	1889665	++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	78740 7243294	196627 12574541	1930759	3706529	5486953	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	70895 6003344	169110 10664576	1605883	3075604	4545048	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	66834 6058217	159689 10874262	1549453	3014026	4498063	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	24055 3530170	67024 6497172	851047	1712319	2600741	0.200 20.0	0.500 40.0	5.00	10.0	15.0

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

Lab Name: TestAmerica Burlington Job No.: 200-9452-1 Analy Batch No.: 33061

SDG No.: _____

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

Calibration Start Date: 01/30/2012 17:18 Calibration End Date: 01/30/2012 22:31 Calibration ID: 13273

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
tert-Butylbenzene	CBZ	Ave	65194 5969578	159913 10777156	1521078	2949931	4417969	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	64251 6002110	158310 10793022	1552744	2997861	4484364	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	97819 8697821	238777 15254923	2298372	4397955	6523314	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	79889 7612379	197273 13355739	1961774	3798504	5686706	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	51815 4798306	122520 8729695	1185430	2337469	3543629	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	52509 4852136	120496 8794135	1198254	2359529	3584453	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	46304 5131894	120829 9901636	1329186	2533205	3816928	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	++++ 2251162	++++ 3310385	767669	1347139	1848236	++++ 20.0	++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	67232 5689088	171419 9168639	1664759	3112758	4462656	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	49132 4574879	116255 8390291	1129062	2207238	3362420	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 3509451	72522 5538550	835445	1693011	2642759	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	27107 2394959	60712 3853856	594960	1169429	1791327	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	++++ 8069537	157119 12264906	1973631	3880952	6110535	++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	22590 3034746	58524 4200039	726622	1466390	2293450	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9452-1

SDG No.: _____

Lab Sample ID: ICV 200-33061/12 Calibration Date: 01/31/2012 01:07

Instrument ID: B.i Calib Start Date: 01/30/2012 17:18

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31

Lab File ID: bkl012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV 283784

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2146	0.2067		9.63	10.0	-3.7	30.0
Dichlorodifluoromethane	Ave	1.516	1.526		10.1	10.0	0.6	30.0
Freon 22	Ave	0.5517	0.5456		9.89	10.0	-1.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.521	1.512		9.94	10.0	-0.6	30.0
Chloromethane	Ave	0.2879	0.2862		9.94	10.0	-0.6	30.0
n-Butane	Ave	0.4707	0.4614		9.80	10.0	-2.0	30.0
Vinyl chloride	Ave	0.4294	0.4280		9.97	10.0	-0.3	30.0
1,3-Butadiene	Ave	0.2929	0.3023		10.3	10.0	3.2	30.0
Bromomethane	Ave	0.7856	0.7475		9.51	10.0	-4.8	30.0
Chloroethane	Ave	0.3503	0.3418		9.76	10.0	-2.4	30.0
Isopentane	Ave	0.6069	0.5822		9.59	10.0	-4.1	30.0
Bromoethene (Vinyl Bromide)	Ave	1.002	0.9829		9.81	10.0	-1.9	30.0
Trichlorofluoromethane	Ave	2.184	2.116		9.69	10.0	-3.1	30.0
n-Pentane	Ave	1.006	0.9439		9.38	10.0	-6.1	30.0
Ethanol	Ave	0.2288	0.2403		15.8	15.0	5.0	30.0
Ethyl ether	Ave	0.5816	0.5686		9.77	10.0	-2.2	30.0
Acrolein	Ave	0.2858	0.2427		8.49	10.0	-15.1	30.0
Freon TF	Ave	1.929	2.141		11.1	10.0	11.0	30.0
1,1-Dichloroethene	Ave	0.9667	1.098		11.4	10.0	13.6	30.0
Acetone	Ave	0.8834	0.8861		10.0	10.0	0.3	30.0
Carbon disulfide	Ave	2.703	2.814		10.4	10.0	4.1	30.0
Isopropyl alcohol	Ave	0.7282	0.6814		9.36	10.0	-6.4	30.0
3-Chloropropene	Ave	0.7243	0.7475		10.3	10.0	3.2	30.0
Acetonitrile	Ave	0.4560	0.4440		9.74	10.0	-2.6	30.0
Methylene Chloride	Ave	0.6955	0.7491		10.8	10.0	7.7	30.0
tert-Butyl alcohol	Ave	1.250	1.190		9.52	10.0	-4.8	30.0
Methyl tert-butyl ether	Ave	2.386	2.486		10.4	10.0	4.2	30.0
trans-1,2-Dichloroethene	Ave	1.101	1.116		10.1	10.0	1.4	30.0
Acrylonitrile	Ave	0.5120	0.5399		10.5	10.0	5.5	30.0
n-Hexane	Ave	1.225	1.238		10.1	10.0	1.0	30.0
1,1-Dichloroethane	Ave	1.408	1.438		10.2	10.0	2.1	30.0
Vinyl acetate	Ave	1.503	1.536		10.2	10.0	2.2	30.0
cis-1,2-Dichloroethene	Ave	1.081	1.147		10.6	10.0	6.1	30.0
Methyl Ethyl Ketone	Ave	0.4504	0.4623		10.3	10.0	2.6	30.0
Ethyl acetate	Ave	0.0897	0.0939		10.5	10.0	4.7	30.0
Tetrahydrofuran	Ave	0.1434	0.1464		10.2	10.0	2.1	30.0
Chloroform	Ave	1.836	1.864		10.2	10.0	1.6	30.0
1,1,1-Trichloroethane	Ave	0.4112	0.4169		10.1	10.0	1.4	30.0
Cyclohexane	Ave	0.3020	0.3074		10.2	10.0	1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9452-1

SDG No.: _____

Lab Sample ID: ICV 200-33061/12 Calibration Date: 01/31/2012 01:07

Instrument ID: B.i Calib Start Date: 01/30/2012 17:18

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31

Lab File ID: bkl012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV 283784

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.4336	0.4382		10.1	10.0	1.1	30.0
2,2,4-Trimethylpentane	Ave	0.7894	0.8092		10.2	10.0	2.5	30.0
Benzene	Ave	0.6410	0.6450		10.1	10.0	0.6	30.0
1,2-Dichloroethane	Ave	0.2055	0.2050		9.97	10.0	-0.3	30.0
n-Heptane	Ave	0.2434	0.2449		10.1	10.0	0.6	30.0
n-Butanol	Ave	0.0857	0.0724		8.45	10.0	-15.5	30.0
Trichloroethene	Ave	0.2957	0.2980		10.1	10.0	0.7	30.0
1,2-Dichloropropane	Ave	0.2019	0.1979		9.80	10.0	-2.0	30.0
Methyl methacrylate	Ave	0.2040	0.2123		10.4	10.0	4.1	30.0
Dibromomethane	Ave	0.3007	0.3144		10.5	10.0	4.5	30.0
1,4-Dioxane	Ave	0.1010	0.0893		8.84	10.0	-11.6	30.0
Bromodichloromethane	Ave	0.4171	0.4453		10.7	10.0	6.8	30.0
cis-1,3-Dichloropropene	Ave	0.3276	0.3340		10.2	10.0	1.9	30.0
methyl isobutyl ketone	Ave	0.2917	0.3071		10.5	10.0	5.3	30.0
Toluene	Ave	0.5499	0.5558		10.1	10.0	1.1	30.0
n-Octane	Ave	0.3204	0.3190		9.95	10.0	-0.4	30.0
trans-1,3-Dichloropropene	Ave	0.3310	0.3354		10.1	10.0	1.3	30.0
1,1,2-Trichloroethane	Ave	0.2528	0.2473		9.78	10.0	-2.2	30.0
Tetrachloroethene	Ave	0.5247	0.5305		10.1	10.0	1.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3102	0.3262		10.5	10.0	5.1	30.0
Dibromochloromethane	Ave	0.5506	0.6054		11.0	10.0	10.0	30.0
1,2-Dibromoethane	Ave	0.5137	0.5173		10.1	10.0	0.7	30.0
Chlorobenzene	Ave	0.8151	0.7994		9.80	10.0	-1.9	30.0
Ethylbenzene	Ave	1.169	1.177		10.1	10.0	0.7	30.0
n-Nonane	Ave	0.4118	0.4178		10.1	10.0	1.5	30.0
m,p-Xylene	Ave	0.5032	0.5053		20.1	20.0	0.4	30.0
Xylene, o-	Ave	0.4951	0.4974		10.0	10.0	0.5	30.0
Styrene	Ave	0.7323	0.7735		10.6	10.0	5.6	30.0
Bromoform	Ave	0.5406	0.6082		11.2	10.0	12.5	30.0
Cumene	Ave	1.386	1.433		10.3	10.0	3.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6572	0.6429		9.78	10.0	-2.2	30.0
n-Propylbenzene	Ave	1.529	1.578		10.3	10.0	3.2	30.0
1,2,3-Trichloropropane	Ave	0.4397	0.4526		10.3	10.0	2.9	30.0
n-Decane	Ave	0.4969	0.5195		10.5	10.0	4.5	30.0
4-Ethyltoluene	Ave	1.410	1.474		10.4	10.0	4.5	30.0
2-Chlorotoluene	Ave	1.194	1.224		10.3	10.0	2.5	30.0
1,3,5-Trimethylbenzene	Ave	1.166	1.167		10.0	10.0	0.1	30.0
Alpha Methyl Styrene	Ave	0.6050	0.6694		11.1	10.0	10.6	30.0
tert-Butylbenzene	Ave	1.148	1.182		10.3	10.0	2.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
 SDG No.: _____
 Lab Sample ID: ICV 200-33061/12 Calibration Date: 01/31/2012 01:07
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bkl012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ICV 283784

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.154	1.144		9.91	10.0	-0.9	30.0
sec-Butylbenzene	Ave	1.699	1.744		10.3	10.0	2.6	30.0
4-Isopropyltoluene	Ave	1.450	1.517		10.5	10.0	4.6	30.0
1,3-Dichlorobenzene	Ave	0.9097	0.8812		9.69	10.0	-3.1	30.0
1,4-Dichlorobenzene	Ave	0.9158	0.8941		9.76	10.0	-2.4	30.0
Benzyl chloride	Ave	0.9551	0.9316		9.75	10.0	-2.5	30.0
n-Undecane	Ave	0.4680	0.5282		11.3	10.0	12.9	30.0
n-Butylbenzene	Ave	1.164	1.213		10.4	10.0	4.2	30.0
1,2-Dichlorobenzene	Ave	0.8650	0.8209		9.49	10.0	-5.1	30.0
n-Dodecane	Ave	0.4231	0.5245		12.4	10.0	24.0	30.0
1,2,4-Trichlorobenzene	Ave	0.6212	0.6325		10.2	10.0	1.8	30.0
Hexachlorobutadiene	Ave	0.4514	0.4567		10.1	10.0	1.2	30.0
Naphthalene	Ave	1.416	1.450		10.2	10.0	2.3	30.0
1,2,3-Trichlorobenzene	Ave	0.5087	0.5915		11.6	10.0	16.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9452-1

SDG No.: _____

Lab Sample ID: CCVIS 200-34059/2 Calibration Date: 02/23/2012 12:52

Instrument ID: B.i Calib Start Date: 01/30/2012 17:18

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31

Lab File ID: bklm002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 291255

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2146	0.2415		11.3	10.0	12.5	30.0
Dichlorodifluoromethane	Ave	1.516	1.678		11.1	10.0	10.7	30.0
Freon 22	Ave	0.5517	0.6204		11.2	10.0	12.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.521	1.689		11.1	10.0	11.0	30.0
Chloromethane	Ave	0.2879	0.3292		11.4	10.0	14.4	30.0
n-Butane	Ave	0.4707	0.5398		11.5	10.0	14.7	30.0
Vinyl chloride	Ave	0.4294	0.4874		11.3	10.0	13.5	30.0
1,3-Butadiene	Ave	0.2929	0.3334		11.4	10.0	13.8	30.0
Bromomethane	Ave	0.7856	0.8365		10.6	10.0	6.5	30.0
Chloroethane	Ave	0.3503	0.3837		11.0	10.0	9.5	30.0
Isopentane	Ave	0.6069	0.6670		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.002	1.037		10.3	10.0	3.5	30.0
Trichlorofluoromethane	Ave	2.184	2.240		10.3	10.0	2.6	30.0
n-Pentane	Ave	1.006	1.103		11.0	10.0	9.7	30.0
Ethanol	Ave	0.2288	0.2533		16.6	15.0	10.7	30.0
Ethyl ether	Ave	0.5816	0.6063		10.4	10.0	4.3	30.0
Acrolein	Ave	0.2858	0.2589		9.06	10.0	-9.4	30.0
Freon TF	Ave	1.929	1.906		9.88	10.0	-1.2	30.0
1,1-Dichloroethene	Ave	0.9667	0.9496		9.82	10.0	-1.8	30.0
Acetone	Ave	0.8834	1.075		12.2	10.0	21.6	30.0
Carbon disulfide	Ave	2.703	2.736		10.1	10.0	1.2	30.0
Isopropyl alcohol	Ave	0.7282	0.8595		11.8	10.0	18.0	30.0
3-Chloropropene	Ave	0.7243	0.7543		10.4	10.0	4.2	30.0
Acetonitrile	Ave	0.4560	0.5003		11.0	10.0	9.7	30.0
Methylene Chloride	Ave	0.6955	0.7269		10.4	10.0	4.5	30.0
tert-Butyl alcohol	Ave	1.250	1.469		11.8	10.0	17.6	30.0
Methyl tert-butyl ether	Ave	2.386	2.454		10.3	10.0	2.8	30.0
trans-1,2-Dichloroethene	Ave	1.101	1.136		10.3	10.0	3.2	30.0
Acrylonitrile	Ave	0.5120	0.5499		10.7	10.0	7.4	30.0
n-Hexane	Ave	1.225	1.257		10.3	10.0	2.6	30.0
1,1-Dichloroethane	Ave	1.408	1.454		10.3	10.0	3.3	30.0
Vinyl acetate	Ave	1.503	1.609		10.7	10.0	7.0	30.0
cis-1,2-Dichloroethene	Ave	1.081	1.088		10.1	10.0	0.6	30.0
Methyl Ethyl Ketone	Ave	0.4504	0.4706		10.4	10.0	4.5	30.0
Ethyl acetate	Ave	0.0897	0.0906		10.1	10.0	1.0	30.0
Tetrahydrofuran	Ave	0.1434	0.1585		11.1	10.0	10.5	30.0
Chloroform	Ave	1.836	1.852		10.1	10.0	0.9	30.0
1,1,1-Trichloroethane	Ave	0.4112	0.4204		10.2	10.0	2.3	30.0
Cyclohexane	Ave	0.3020	0.3032		10.0	10.0	0.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9452-1

SDG No.: _____

Lab Sample ID: CCVIS 200-34059/2 Calibration Date: 02/23/2012 12:52

Instrument ID: B.i Calib Start Date: 01/30/2012 17:18

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31

Lab File ID: bklm002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 291255

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.4336	0.4443		10.2	10.0	2.5	30.0
2,2,4-Trimethylpentane	Ave	0.7894	0.8262		10.5	10.0	4.7	30.0
Benzene	Ave	0.6410	0.6448		10.1	10.0	0.6	30.0
1,2-Dichloroethane	Ave	0.2055	0.2124		10.3	10.0	3.3	30.0
n-Heptane	Ave	0.2434	0.2608		10.7	10.0	7.1	30.0
n-Butanol	Ave	0.0857	0.0887		10.4	10.0	3.6	30.0
Trichloroethene	Ave	0.2957	0.2967		10.0	10.0	0.3	30.0
1,2-Dichloropropane	Ave	0.2019	0.2071		10.3	10.0	2.5	30.0
Methyl methacrylate	Ave	0.2040	0.2148		10.5	10.0	5.3	30.0
1,4-Dioxane	Ave	0.1010	0.1170		11.6	10.0	15.9	30.0
Dibromomethane	Ave	0.3007	0.2956		9.83	10.0	-1.7	30.0
Bromodichloromethane	Ave	0.4171	0.4405		10.6	10.0	5.6	30.0
cis-1,3-Dichloropropene	Ave	0.3276	0.3386		10.3	10.0	3.3	30.0
methyl isobutyl ketone	Ave	0.2917	0.3274		11.2	10.0	12.2	30.0
Toluene	Ave	0.5499	0.5609		10.2	10.0	2.0	30.0
n-Octane	Ave	0.3204	0.3444		10.7	10.0	7.5	30.0
trans-1,3-Dichloropropene	Ave	0.3310	0.3433		10.4	10.0	3.7	30.0
1,1,2-Trichloroethane	Ave	0.2528	0.2603		10.3	10.0	2.9	30.0
Tetrachloroethene	Ave	0.5247	0.5115		9.75	10.0	-2.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3102	0.3480		11.2	10.0	12.2	30.0
Dibromochloromethane	Ave	0.5506	0.5821		10.6	10.0	5.7	30.0
1,2-Dibromoethane	Ave	0.5137	0.5261		10.2	10.0	2.4	30.0
Chlorobenzene	Ave	0.8151	0.8012		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	1.169	1.175		10.0	10.0	0.5	30.0
n-Nonane	Ave	0.4118	0.4310		10.5	10.0	4.7	30.0
m,p-Xylene	Ave	0.5032	0.5145		20.4	20.0	2.2	30.0
Xylene, o-	Ave	0.4951	0.5023		10.1	10.0	1.5	30.0
Styrene	Ave	0.7323	0.7734		10.6	10.0	5.6	30.0
Bromoform	Ave	0.5406	0.5742		10.6	10.0	6.2	30.0
Cumene	Ave	1.386	1.391		10.0	10.0	0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6572	0.6726		10.2	10.0	2.3	30.0
n-Propylbenzene	Ave	1.529	1.584		10.4	10.0	3.6	30.0
1,2,3-Trichloropropane	Ave	0.4397	0.4686		10.7	10.0	6.6	30.0
n-Decane	Ave	0.4969	0.5329		10.7	10.0	7.2	30.0
4-Ethyltoluene	Ave	1.410	1.451		10.3	10.0	3.0	30.0
2-Chlorotoluene	Ave	1.194	1.202		10.1	10.0	0.7	30.0
1,3,5-Trimethylbenzene	Ave	1.166	1.167		10.0	10.0	0.0	30.0
Alpha Methyl Styrene	Ave	0.6050	0.6558		10.8	10.0	8.4	30.0
tert-Butylbenzene	Ave	1.148	1.150		10.0	10.0	0.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9452-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-34059/2 Calibration Date: 02/23/2012 12:52
 Instrument ID: B.i Calib Start Date: 01/30/2012 17:18
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/30/2012 22:31
 Lab File ID: bklm002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 291255

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.154	1.164		10.1	10.0	0.9	30.0
sec-Butylbenzene	Ave	1.699	1.718		10.1	10.0	1.1	30.0
4-Isopropyltoluene	Ave	1.450	1.474		10.2	10.0	1.6	30.0
1,3-Dichlorobenzene	Ave	0.9097	0.8889		9.77	10.0	-2.3	30.0
1,4-Dichlorobenzene	Ave	0.9158	0.8962		9.78	10.0	-2.1	30.0
Benzyl chloride	Ave	0.9551	0.8185		8.57	10.0	-14.3	30.0
n-Undecane	Ave	0.4680	0.5456		11.7	10.0	16.6	30.0
n-Butylbenzene	Ave	1.164	1.230		10.6	10.0	5.7	30.0
1,2-Dichlorobenzene	Ave	0.8650	0.8435		9.75	10.0	-2.5	30.0
n-Dodecane	Ave	0.4231	0.4744		11.2	10.0	12.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6212	0.6255		10.1	10.0	0.7	30.0
Hexachlorobutadiene	Ave	0.4514	0.4475		9.91	10.0	-0.9	30.0
Naphthalene	Ave	1.416	1.440		10.2	10.0	1.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5087	0.5409		10.6	10.0	6.3	30.0

TALS BALDWIN 33061

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability				Instrument Information					
Batch ID: BXL	Start Date: 1/30/12	Time: 1531	ISTD Lot #: 243060	Instrument ID: B							
Test Method: TALS	End Date: 1/31/12	Time: 1531	CAL STD Lot # see comments	Instrument: 5973							
ICAL Date: 1/30/12			ICV/LCS Lot # 283784	Column Type: RTX-624							
Manager: MTP	Analyst: WLO	Analyst: AHC	Analyst: AHC	Analyst:							
Name/Initial: Mark Phillips	William Desjardins	Angela H. Keene	Angela H. Keene								
Signature: Mark Phillips	William Desjardins	Angela H. Keene	Angela H. Keene								
Sequence Information Individual Sample Review											
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1531	BXL 001	NA	BES	NA	NA	NA	AHC	NA	✓	AHC	ph
1626	002	4634	vibll		1	200		✓	✓		
1718	003	2969	IC-01		2			NA	✓		279336
1810	004	2603	1-02		3				✓		279315
1902	005	3093	1-03		4				✓		275709
1954	006	3503	ICIS-04		5				✓		279073
2046	007	3643	IC-05		6				✓		279073
2139	008	3551	1-06		7				✓		279072
2231	009	3631	1-07		8				✓		275630
2323	010	4634	vibll		1				✓		
0015	011	4634	vibll		1				✓		
0107	012	3152	ICV		9				✓		AG 283784
0200	013	4634	vibll		1				✓		
0252	014	3152	LCS		9				✓		AG 283784
0344	015	4634	MB		1				✓		ph
0437	016	3564	8146-08		10	40			✓		LOD 0.04 283007
0529	017	3564	09		10	80			✓		LOD 0.08
0621	018	3564	-10		10	200			✓		LOD 0.20
0713	019	2603	-11		10	200			✓		LOD 0.50 279315
0805	020	3564	-12		10	200			✓		LOD 0.2 283007
0857	021	2603	-12		10	200			✓		LOD 0.5 279315
0950	022	3093	-12		47	200			✓		LOD 5.0 275709
1116	023	4634	vibll	NA	11	200			✓	AHC	
1216	024	4445	9135-10	0.2	11	1000			✓		
Page 410 of 418 Legend: C=Complete R=Reanalyze ↑ = High ↓ = Low ✓ = Reviewed and Acceptable											

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability				Instrument Information				
Batch ID: 84LM				Start Date: 2/23/12 Time: 1202				Instrument ID: B				
Test Method: T015				End Date: 2/24/12 Time: 1202				Instrument: 5973				
ICAL Date:				ICV/LCS Lot # 290927				Column Type: RTX-624				
Manager		Analyst		Analyst		Analyst		Analyst		Analyst		
Name/Initial												
Signature												
Injection Time		TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1202	84LM 001	NA	4447	BFB	NA	NA	NA	AAH	NA	✓	AAH	pk
1252	002	3649	4449	CCV	NA	1	200		NA	✓		pk
1342	003	2572	4452	LCS	NA	2	200		✓	✓		pk
1435	004	4632	4453	MB	NA	3	200		✓	✓		pk
1533	005	4800	4454	4447-03	0.2	4	1000		✓	✓		C
1633	006	3630	4455	4450-09	0.2	5	1000		✓	✓	PAD	
1731	007	3725	4456	4452-04	0.2	6	1000		✓	✓		
1824	008	3597	4457	4380-07	171	7	200		✓	✓		cd 171.27
1916	009	3597	4458	1 - 07	311	8	110		✓	✓		cd 171.27
2008	010	4841	4459	1 - 08	238	8	200		✓	✓		cd 237.50
2101	011	4841	4460	1 - 08	880	8	54		✓	✓		cd 237.50
2153	012	4482	4461	1 - 09	10	9	20		✓	✓		R
2245	013	4664	4462	1 - 10	90.0	10	128		✓	✓		cd 57.61
2337	014	4664	4463	1 - 10	443	10	26		✓	✓		cd 57.61
0030	015	4147	4464	4403-01	1	11	200		✓	✓		R
0123	016	4453	4465	1 - 02	1	12	200		✓	✓		R
0215	017	5117	4466	4404-01	1	13	200		✓	✓		R
0307	018	4363	4467	1 - 02	1	14			✓	✓		R
0400	019	4421	4468	1 - 03	1	15			✓	✓		C
0452	020	2876	4469	1 - 04	1	16			✓	✓		C
0544	021	4812	4470	1 - 05	1	1			✓	✓		C
0637	022	4851	4471	1 - 06	58.9	2	200		✓	✓		cd 58.94
0729	023	4851	4472	1 - 06	231	2	51		✓	✓		cd 58.94
0821	024	3578	4473	650-76305	394	3	30		✓	✓		cd 59.11
0913	025	5033	4474	680-76351-01	10	4	20		✓	✓		R
				PAD		2/24/12						

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-9452-1

SDG No.: _____

Instrument ID: B.iStart Date: 01/30/2012 15:31Analysis Batch Number: 33061End Date: 01/31/2012 12:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-33061/1		01/30/2012 15:31	1	bk1001.d	RTX-624 0.32 (mm)
VIBLK 200-33061/2		01/30/2012 16:26	1		RTX-624 0.32 (mm)
IC 200-33061/3		01/30/2012 17:18	1	bk1003.d	RTX-624 0.32 (mm)
IC 200-33061/4		01/30/2012 18:10	1	bk1004.d	RTX-624 0.32 (mm)
IC 200-33061/5		01/30/2012 19:02	1	bk1005.d	RTX-624 0.32 (mm)
ICIS 200-33061/6		01/30/2012 19:54	1	bk1006.d	RTX-624 0.32 (mm)
IC 200-33061/7		01/30/2012 20:46	1	bk1007.d	RTX-624 0.32 (mm)
IC 200-33061/8		01/30/2012 21:39	1	bk1008.d	RTX-624 0.32 (mm)
IC 200-33061/9		01/30/2012 22:31	1	bk1009.d	RTX-624 0.32 (mm)
VIBLK 200-33061/10		01/30/2012 23:23	1		RTX-624 0.32 (mm)
VIBLK 200-33061/11		01/31/2012 00:15	1		RTX-624 0.32 (mm)
ICV 200-33061/12		01/31/2012 01:07	1	bk1012.d	RTX-624 0.32 (mm)
VIBLK 200-33061/13		01/31/2012 02:00	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 02:52	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 03:44	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 04:37	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 05:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 05:29	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 06:21	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 06:21	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 07:13	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 08:05	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 08:57	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 09:50	1		RTX-624 0.32 (mm)
VIBLK 200-33061/23		01/31/2012 11:16	1		RTX-624 0.32 (mm)
ZZZZZ		01/31/2012 12:16	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-9452-1

SDG No.: _____

Instrument ID: B.iStart Date: 02/23/2012 12:02Analysis Batch Number: 34059End Date: 02/24/2012 10:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-34059/1		02/23/2012 12:02	1	bklm001.d	RTX-624 0.32 (mm)
CCVIS 200-34059/2		02/23/2012 12:52	1	bklm002.d	RTX-624 0.32 (mm)
LCS 200-34059/3		02/23/2012 13:42	1	bklm003.d	RTX-624 0.32 (mm)
MB 200-34059/4		02/23/2012 14:35	1	bklm004.d	RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 15:33	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 16:33	0.2		RTX-624 0.32 (mm)
200-9452-4	3725	02/23/2012 17:31	0.2	bklm007.d	RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 18:24	171		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 19:16	311		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 20:08	238		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 21:01	880		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 21:53	10		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 22:45	90		RTX-624 0.32 (mm)
ZZZZZ		02/23/2012 23:37	443		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 00:30	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 01:23	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 02:15	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 03:07	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 04:00	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 04:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 05:44	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 06:37	58.9		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 07:29	231		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 08:21	394		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 09:13	10		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 10:05	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2012 10:58	1		RTX-624 0.32 (mm)

Shipping and Receiving Documents

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>Terri Foster</u>				Samples Collected By: <u>SL</u>				i of 2 COCs										
Company: <u>CHA Inc.</u>				Phone: <u>518-453-4500</u>																		
Address: <u>3 Winnetka Circle</u>				Email: <u>sfoster@cha.companies-inc.com</u>																		
City/State/Zip: <u>Albany NY 12205</u>																						
Phone: <u>518-453-4500</u>																						
FAX: <u>518-453-4773</u>																						
Project Name: <u>Former Albany Laboratories Site</u>																						
Site: <u>Albany, NY</u>																						
PO # <u>21645-4001 44000</u>																						
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	TO-14A	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)
SSV-1				2-29-12	9:00	7:50	28	6	3743	3629	✓											✓
IA-1					9:00	4:50	30	6	3020	2911	✓											✓
SSV-2					9:02	4:30	30	6	5189	3326	✓											✓
IA-2					9:02	3:35	30	5	5145	4488	✓											✓
SSV-3					9:04	5:00	29	5	3933	4553	✓											✓
IA-3					9:04	5:00	30	6	5204	2820	✓											✓
				Temperature (Fahrenheit) Interior Ambient Start Stop 31°F 33°F Pressure (inches of Hg) Interior Ambient Start Stop 30.22 inches 30.05 inches																		
Special Instructions/QC Requirements & Comments: Category B Deliverable per																						
Samples Shipped by:				Date/Time:				Samples Received by:														
Samples Relinquished by:				Date/Time:				Received by:														
Relinquished by:				Date/Time:				Received by:														
				3-1-12 10:04 AM																		
				3/1/12 700																		
Lab Use Only				Shipper Name:				Opened by:				Condition:										

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 200-9580-1

SDG Number: 200-9580

Login Number: 9580

List Number: 1

Creator: Marion, Greg T

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	417158,157
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	
Cooler Temperature is recorded.	True	AMBIENT
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ORIGIN ID: DSWA (518) 438-8140
WILL PIERCE
TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 01MAR12
ACTWTG: 29.3 LB
CAD: 552423/CAFE2511
DIMS: 20x20x19 IN
BILL THIRD PARTY

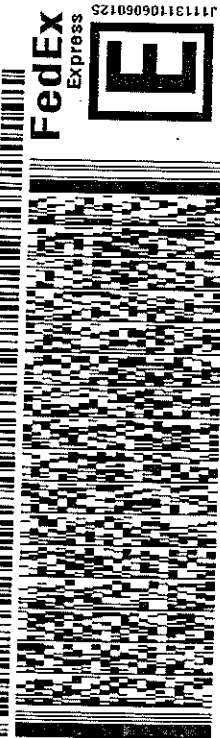
TO SAMPLE RECEIVING

TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403

(802) 660-1990

REF: CHA - FORMER ALBANY LAB



1 of 2

TRK# 4108 5807 7478

0201

MASTER

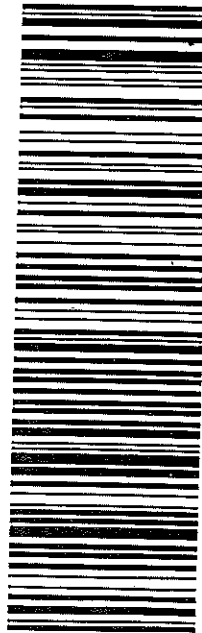
ZF BTVA

FRI - 02 MAR A4
STANDARD OVERNIGHT

05403

VT - US

BTV



ORIGIN ID: DSWA (518) 438-8140
WILL PIERCE
TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 01MAR12
ACTWTG: 36.2 LB
CAD: 552423/CAFE2511
DIMS: 20x20x19 IN
BILL THIRD PARTY

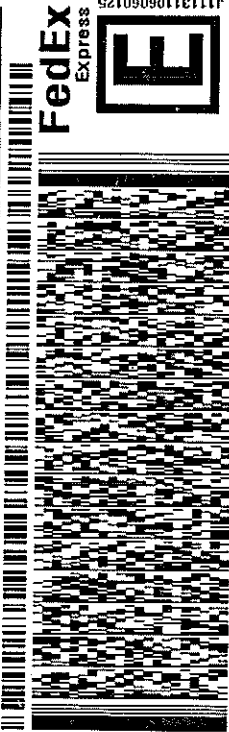
TO SAMPLE RECEIVING

TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403

(802) 660-1990

REF: CHA - FORMER ALBANY LAB



2 of 2

MPS# 4108 5807 7489

0201

Mstr# 4108 5807 7478

ZF BTVA

FRI - 02 MAR A4
STANDARD OVERNIGHT

05403

VT - US

BTV



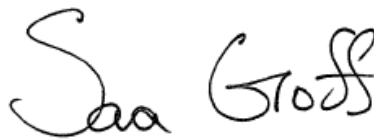
ANALYTICAL REPORT

Job Number: 200-13910-1

SDG Number: 200-13910

Job Description: Former Albany Laboratories

For:
CHA Inc
111 Winner Circle
PO BOX 5269
Albany, NY 12205-0269
Attention: Mr. Seth Fowler



Approved for release.
Sara S Goff
Project Manager I
12/12/2012 1:28 PM

Designee for
Don C Dawicki
Customer Service Manager
don.dawicki@testamericainc.com
12/12/2012

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: CHA Inc

Project: Former Albany Laboratories

Report Number: 200-13910-1

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 11/29/2012; the samples arrived in good condition.

VOLATILE ORGANIC COMPOUNDS

Samples SSV-1, SSV-2 and SSV-3 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 12/03/2012.

Sample SSV-1[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOC analyses.

All quality control parameters were within the acceptance limits.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples IA-1, IA-2, IA-3 and AM-1 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 12/05/2012.

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-13910-1SDG No.: 200-13910Instrument ID: B.i Analysis Batch Number: 47421Lab Sample ID: IC 200-47421/4 Client Sample ID: _____Date Analyzed: 10/31/12 18:53 Lab File ID: bku004.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopentane	4.34	Peak not found by the data system	ahk	10/31/12 23:28
Bromoethene (Vinyl Bromide)	4.64	Peak not found by the data system	ahk	10/31/12 23:28
n-Octane	12.68	Peak not found by the data system	ahk	10/31/12 23:06

Lab Sample ID: IC 200-47421/5 Client Sample ID: _____Date Analyzed: 10/31/12 19:46 Lab File ID: bku005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	5.37	Peak not found by the data system	ahk	10/31/12 23:07

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-13910-1SDG No.: 200-13910Instrument ID: B.i Analysis Batch Number: 48951Lab Sample ID: 200-13910-3 Client Sample ID: SSV-2Date Analyzed: 12/03/12 21:22 Lab File ID: bkuw012.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	16.52	Baseline event	pd	12/04/12 14:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-13910-1SDG No.: 200-13910Instrument ID: E.i Analysis Batch Number: 47623Lab Sample ID: IC 200-47623/3 Client Sample ID: _____Date Analyzed: 11/02/12 10:15 Lab File ID: eew003.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2,4-Trimethylpentane	10.78	Baseline event	wrd	11/05/12 13:32

Lab Sample ID: IC 200-47623/5 Client Sample ID: _____Date Analyzed: 11/02/12 12:02 Lab File ID: eew005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	10.93	Baseline event	wrd	11/05/12 13:34

SAMPLE SUMMARY

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-13910-1	SSV-1	Air	11/27/2012 1745	11/29/2012 1000
200-13910-2	IA-1	Air	11/27/2012 1745	11/29/2012 1000
200-13910-3	SSV-2	Air	11/27/2012 1650	11/29/2012 1000
200-13910-4	IA-2	Air	11/27/2012 1730	11/29/2012 1000
200-13910-5	SSV-3	Air	11/27/2012 1723	11/29/2012 1000
200-13910-6	IA-3	Air	11/27/2012 1712	11/29/2012 1000
200-13910-7	AM-1	Air	11/27/2012 1626	11/29/2012 1000

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-13910-1	SSV-1					
trans-1,2-Dichloroethene		3.0		2.0	ppb v/v	TO-15
trans-1,2-Dichloroethene		12		7.9	ug/m3	TO-15
1,1-Dichloroethane		5.1		2.0	ppb v/v	TO-15
1,1-Dichloroethane		21		8.1	ug/m3	TO-15
cis-1,2-Dichloroethene		130		2.0	ppb v/v	TO-15
cis-1,2-Dichloroethene		510		7.9	ug/m3	TO-15
1,2-Dichloroethene, Total		130		2.0	ppb v/v	TO-15
1,2-Dichloroethene, Total		520		7.9	ug/m3	TO-15
Chloroform		20		2.0	ppb v/v	TO-15
Chloroform		98		9.8	ug/m3	TO-15
1,1,1-Trichloroethane		24		2.0	ppb v/v	TO-15
1,1,1-Trichloroethane		130		11	ug/m3	TO-15
Carbon tetrachloride		5.1		2.0	ppb v/v	TO-15
Carbon tetrachloride		32		13	ug/m3	TO-15
Trichloroethene		170		2.0	ppb v/v	TO-15
Trichloroethene		940		11	ug/m3	TO-15
Tetrachloroethene		2.5		2.0	ppb v/v	TO-15
Tetrachloroethene		17		14	ug/m3	TO-15
Xylene (total)		3.2		2.0	ppb v/v	TO-15
Xylene (total)		14		8.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-13910-2	IA-1					
Dichlorodifluoromethane		0.48		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.4		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.29		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.6		0.22	ug/m3	TO15 LL
Methylene Chloride		0.48		0.40	ppb v/v	TO15 LL
Methylene Chloride		1.7		1.4	ug/m3	TO15 LL
n-Hexane		0.30		0.080	ppb v/v	TO15 LL
n-Hexane		1.0		0.28	ug/m3	TO15 LL
Cyclohexane		0.24		0.040	ppb v/v	TO15 LL
Cyclohexane		0.81		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.069		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.43		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.10		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.49		0.19	ug/m3	TO15 LL
Benzene		0.22		0.040	ppb v/v	TO15 LL
Benzene		0.71		0.13	ug/m3	TO15 LL
n-Heptane		0.18		0.040	ppb v/v	TO15 LL
n-Heptane		0.73		0.16	ug/m3	TO15 LL
Trichloroethene		0.094		0.040	ppb v/v	TO15 LL
Trichloroethene		0.50		0.21	ug/m3	TO15 LL
Toluene		0.56		0.040	ppb v/v	TO15 LL
Toluene		2.1		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.13		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.88		0.27	ug/m3	TO15 LL
Ethylbenzene		0.091		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.40		0.17	ug/m3	TO15 LL
o-Xylene		0.094		0.040	ppb v/v	TO15 LL
o-Xylene		0.41		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.27		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		1.2		0.35	ug/m3	TO15 LL
Xylenes, Total		0.36		0.040	ppb v/v	TO15 LL
Xylenes, Total		1.6		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-13910-3	SSV-2					
Dichlorodifluoromethane		0.95		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		4.7		2.5	ug/m3	TO-15
Trichlorofluoromethane		0.98		0.20	ppb v/v	TO-15
Trichlorofluoromethane		5.5		1.1	ug/m3	TO-15
Methylene Chloride		0.97		0.50	ppb v/v	TO-15
Methylene Chloride		3.4		1.7	ug/m3	TO-15
n-Hexane		0.23		0.20	ppb v/v	TO-15
n-Hexane		0.80		0.70	ug/m3	TO-15
cis-1,2-Dichloroethene		1.4		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		5.6		0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		1.4		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		5.6		0.79	ug/m3	TO-15
Chloroform		0.31		0.20	ppb v/v	TO-15
Chloroform		1.5		0.98	ug/m3	TO-15
Trichloroethene		3.1		0.20	ppb v/v	TO-15
Trichloroethene		16		1.1	ug/m3	TO-15
Toluene		2.2		0.20	ppb v/v	TO-15
Toluene		8.2		0.75	ug/m3	TO-15
Tetrachloroethene		2.1		0.20	ppb v/v	TO-15
Tetrachloroethene		14		1.4	ug/m3	TO-15
Ethylbenzene		0.65		0.20	ppb v/v	TO-15
Ethylbenzene		2.8		0.87	ug/m3	TO-15
m,p-Xylene		2.8		0.50	ppb v/v	TO-15
m,p-Xylene		12		2.2	ug/m3	TO-15
Xylene, o-		1.0		0.20	ppb v/v	TO-15
Xylene, o-		4.5		0.87	ug/m3	TO-15
Xylene (total)		3.8		0.20	ppb v/v	TO-15
Xylene (total)		17		0.87	ug/m3	TO-15
4-Ethyltoluene		0.46		0.20	ppb v/v	TO-15
4-Ethyltoluene		2.3		0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.42		0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		2.0		0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-13910-4	IA-2					
Dichlorodifluoromethane		1.3		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		6.6		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.59		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		3.3		0.22	ug/m3	TO15 LL
Methylene Chloride		7.0		0.40	ppb v/v	TO15 LL
Methylene Chloride		24		1.4	ug/m3	TO15 LL
n-Hexane		0.34		0.080	ppb v/v	TO15 LL
n-Hexane		1.2		0.28	ug/m3	TO15 LL
Cyclohexane		0.082		0.040	ppb v/v	TO15 LL
Cyclohexane		0.28		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.13		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.79		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.093		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.43		0.19	ug/m3	TO15 LL
Benzene		0.27		0.040	ppb v/v	TO15 LL
Benzene		0.86		0.13	ug/m3	TO15 LL
n-Heptane		0.096		0.040	ppb v/v	TO15 LL
n-Heptane		0.39		0.16	ug/m3	TO15 LL
Trichloroethene		0.081		0.040	ppb v/v	TO15 LL
Trichloroethene		0.44		0.21	ug/m3	TO15 LL
Toluene		0.30		0.040	ppb v/v	TO15 LL
Toluene		1.1		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.14		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.93		0.27	ug/m3	TO15 LL
Ethylbenzene		0.046		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.20		0.17	ug/m3	TO15 LL
o-Xylene		0.049		0.040	ppb v/v	TO15 LL
o-Xylene		0.21		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.14		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.60		0.35	ug/m3	TO15 LL
Xylenes, Total		0.19		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.81		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-13910-5 SSV-3						
Dichlorodifluoromethane		0.76		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		3.8		2.5	ug/m3	TO-15
Trichlorofluoromethane		0.68		0.20	ppb v/v	TO-15
Trichlorofluoromethane		3.8		1.1	ug/m3	TO-15
Trichloroethene		2.3		0.20	ppb v/v	TO-15
Trichloroethene		12		1.1	ug/m3	TO-15
Toluene		1.0		0.20	ppb v/v	TO-15
Toluene		3.9		0.75	ug/m3	TO-15
Tetrachloroethene		0.85		0.20	ppb v/v	TO-15
Tetrachloroethene		5.8		1.4	ug/m3	TO-15
Xylene (total)		0.38		0.20	ppb v/v	TO-15
Xylene (total)		1.7		0.87	ug/m3	TO-15
200-13910-6 IA-3						
Dichlorodifluoromethane		0.63		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		3.1		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.37		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		2.1		0.22	ug/m3	TO15 LL
n-Hexane		0.30		0.080	ppb v/v	TO15 LL
n-Hexane		1.1		0.28	ug/m3	TO15 LL
Cyclohexane		0.083		0.040	ppb v/v	TO15 LL
Cyclohexane		0.29		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.071		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.45		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.11		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.53		0.19	ug/m3	TO15 LL
Benzene		0.23		0.040	ppb v/v	TO15 LL
Benzene		0.74		0.13	ug/m3	TO15 LL
n-Heptane		0.11		0.040	ppb v/v	TO15 LL
n-Heptane		0.45		0.16	ug/m3	TO15 LL
Trichloroethene		0.090		0.040	ppb v/v	TO15 LL
Trichloroethene		0.48		0.21	ug/m3	TO15 LL
Toluene		0.30		0.040	ppb v/v	TO15 LL
Toluene		1.1		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.16		0.040	ppb v/v	TO15 LL
Tetrachloroethene		1.1		0.27	ug/m3	TO15 LL
Ethylbenzene		0.046		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.20		0.17	ug/m3	TO15 LL
o-Xylene		0.054		0.040	ppb v/v	TO15 LL
o-Xylene		0.24		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.15		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.65		0.35	ug/m3	TO15 LL
Xylenes, Total		0.21		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.89		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-13910-7	AM-1					
Dichlorodifluoromethane		0.56		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.8		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.25		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.4		0.22	ug/m3	TO15 LL
n-Hexane		0.19		0.080	ppb v/v	TO15 LL
n-Hexane		0.66		0.28	ug/m3	TO15 LL
Cyclohexane		0.048		0.040	ppb v/v	TO15 LL
Cyclohexane		0.16		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		0.074		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.35		0.19	ug/m3	TO15 LL
Benzene		0.18		0.040	ppb v/v	TO15 LL
Benzene		0.58		0.13	ug/m3	TO15 LL
n-Heptane		0.064		0.040	ppb v/v	TO15 LL
n-Heptane		0.26		0.16	ug/m3	TO15 LL
Toluene		0.24		0.040	ppb v/v	TO15 LL
Toluene		0.90		0.15	ug/m3	TO15 LL
o-Xylene		0.042		0.040	ppb v/v	TO15 LL
o-Xylene		0.18		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.11		0.080	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.47		0.35	ug/m3	TO15 LL
Xylenes, Total		0.15		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.65		0.17	ug/m3	TO15 LL

METHOD SUMMARY

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister
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: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Method	Analyst	Analyst ID
EPA TO-15	Daigle, Paul A	PAD
EPA TO15 LL	Desjardins, William R	WRD

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: SSV-1

Lab Sample ID: 200-13910-1

Date Sampled: 11/27/2012 1745

Client Matrix: Air

Date Received: 11/29/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-48951	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuw011.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	12/03/2012 2030			Final Weight/Volume:	200 mL
Prep Date:	12/03/2012 2030			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	5.0	U	5.0
1,2-Dichlorotetrafluoroethane	2.0	U	2.0
Vinyl chloride	2.0	U	2.0
1,3-Butadiene	2.0	U	2.0
Bromomethane	2.0	U	2.0
Chloroethane	5.0	U	5.0
Bromoethene(Vinyl Bromide)	2.0	U	2.0
Trichlorofluoromethane	2.0	U	2.0
1,1-Dichloroethene	2.0	U	2.0
3-Chloropropene	5.0	U	5.0
Methylene Chloride	5.0	U	5.0
Methyl tert-butyl ether	2.0	U	2.0
trans-1,2-Dichloroethene	3.0		2.0
n-Hexane	2.0	U	2.0
1,1-Dichloroethane	5.1		2.0
cis-1,2-Dichloroethene	130		2.0
1,2-Dichloroethene, Total	130		2.0
Chloroform	20		2.0
1,1,1-Trichloroethane	24		2.0
Cyclohexane	2.0	U	2.0
Carbon tetrachloride	5.1		2.0
2,2,4-Trimethylpentane	2.0	U	2.0
Benzene	2.0	U	2.0
1,2-Dichloroethane	2.0	U	2.0
n-Heptane	2.0	U	2.0
Trichloroethene	170		2.0
1,2-Dichloropropane	2.0	U	2.0
Bromodichloromethane	2.0	U	2.0
cis-1,3-Dichloropropene	2.0	U	2.0
Toluene	2.0	U	2.0
trans-1,3-Dichloropropene	2.0	U	2.0
1,1,2-Trichloroethane	2.0	U	2.0
Tetrachloroethene	2.5		2.0
Dibromochloromethane	2.0	U	2.0
1,2-Dibromoethane	2.0	U	2.0
Ethylbenzene	2.0	U	2.0
m,p-Xylene	5.0	U	5.0
Xylene, o-	2.0	U	2.0
Xylene (total)	3.2		2.0
Bromoform	2.0	U	2.0
1,1,2,2-Tetrachloroethane	2.0	U	2.0
4-Ethyltoluene	2.0	U	2.0
1,3,5-Trimethylbenzene	2.0	U	2.0

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	25	U	25

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: SSV-1

Lab Sample ID: 200-13910-1

Date Sampled: 11/27/2012 1745

Client Matrix: Air

Date Received: 11/29/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-48951	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuw011.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	12/03/2012 2030			Final Weight/Volume:	200 mL
Prep Date:	12/03/2012 2030			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	14	U	14
Vinyl chloride	5.1	U	5.1
1,3-Butadiene	4.4	U	4.4
Bromomethane	7.8	U	7.8
Chloroethane	13	U	13
Bromoethene(Vinyl Bromide)	8.7	U	8.7
Trichlorofluoromethane	11	U	11
1,1-Dichloroethene	7.9	U	7.9
3-Chloropropene	16	U	16
Methylene Chloride	17	U	17
Methyl tert-butyl ether	7.2	U	7.2
trans-1,2-Dichloroethene	12		7.9
n-Hexane	7.0	U	7.0
1,1-Dichloroethane	21		8.1
cis-1,2-Dichloroethene	510		7.9
1,2-Dichloroethene, Total	520		7.9
Chloroform	98		9.8
1,1,1-Trichloroethane	130		11
Cyclohexane	6.9	U	6.9
Carbon tetrachloride	32		13
2,2,4-Trimethylpentane	9.3	U	9.3
Benzene	6.4	U	6.4
1,2-Dichloroethane	8.1	U	8.1
n-Heptane	8.2	U	8.2
Trichloroethene	940		11
1,2-Dichloropropane	9.2	U	9.2
Bromodichloromethane	13	U	13
cis-1,3-Dichloropropene	9.1	U	9.1
Toluene	7.5	U	7.5
trans-1,3-Dichloropropene	9.1	U	9.1
1,1,2-Trichloroethane	11	U	11
Tetrachloroethene	17		14
Dibromochloromethane	17	U	17
1,2-Dibromoethane	15	U	15
Ethylbenzene	8.7	U	8.7
m,p-Xylene	22	U	22
Xylene, o-	8.7	U	8.7
Xylene (total)	14		8.7
Bromoform	21	U	21
1,1,2,2-Tetrachloroethane	14	U	14
4-Ethyltoluene	9.8	U	9.8
1,3,5-Trimethylbenzene	9.8	U	9.8

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: SSV-2

Lab Sample ID: 200-13910-3

Date Sampled: 11/27/2012 1650

Client Matrix: Air

Date Received: 11/29/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-48951	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuw012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/03/2012 2122			Final Weight/Volume:	200 mL
Prep Date:	12/03/2012 2122			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.95		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.98		0.20
1,1-Dichloroethene	0.20	U	0.20
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.97		0.50
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.23		0.20
1,1-Dichloroethane	0.20	U	0.20
cis-1,2-Dichloroethene	1.4		0.20
1,2-Dichloroethene, Total	1.4		0.20
Chloroform	0.31		0.20
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	3.1		0.20
1,2-Dichloropropane	0.20	U	0.20
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
Toluene	2.2		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	2.1		0.20
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Ethylbenzene	0.65		0.20
m,p-Xylene	2.8		0.50
Xylene, o-	1.0		0.20
Xylene (total)	3.8		0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.46		0.20
1,3,5-Trimethylbenzene	0.42		0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	4.7		2.5

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: SSV-2

Lab Sample ID: 200-13910-3

Date Sampled: 11/27/2012 1650

Client Matrix: Air

Date Received: 11/29/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-48951	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuw012.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/03/2012 2122			Final Weight/Volume:	200 mL
Prep Date:	12/03/2012 2122			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	5.5		1.1
1,1-Dichloroethene	0.79	U	0.79
3-Chloropropene	1.6	U	1.6
Methylene Chloride	3.4		1.7
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.80		0.70
1,1-Dichloroethane	0.81	U	0.81
cis-1,2-Dichloroethene	5.6		0.79
1,2-Dichloroethene, Total	5.6		0.79
Chloroform	1.5		0.98
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	16		1.1
1,2-Dichloropropane	0.92	U	0.92
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
Toluene	8.2		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	14		1.4
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Ethylbenzene	2.8		0.87
m,p-Xylene	12		2.2
Xylene, o-	4.5		0.87
Xylene (total)	17		0.87
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	2.3		0.98
1,3,5-Trimethylbenzene	2.0		0.98

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: SSV-3

Lab Sample ID: 200-13910-5

Date Sampled: 11/27/2012 1723

Client Matrix: Air

Date Received: 11/29/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-48951	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuw013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/03/2012 2214			Final Weight/Volume:	200 mL
Prep Date:	12/03/2012 2214			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.76		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.68		0.20
1,1-Dichloroethene	0.20	U	0.20
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	2.3		0.20
1,2-Dichloropropane	0.20	U	0.20
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
Toluene	1.0		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.85		0.20
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.38		0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	3.8		2.5

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: SSV-3

Lab Sample ID: 200-13910-5

Date Sampled: 11/27/2012 1723

Client Matrix: Air

Date Received: 11/29/2012 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-48951	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuw013.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/03/2012 2214			Final Weight/Volume:	200 mL
Prep Date:	12/03/2012 2214			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	3.8		1.1
1,1-Dichloroethene	0.79	U	0.79
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	12		1.1
1,2-Dichloropropane	0.92	U	0.92
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
Toluene	3.9		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	5.8		1.4
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	1.7		0.87
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: IA-1

Lab Sample ID: 200-13910-2

Date Sampled: 11/27/2012 1745

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeew015.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 0245			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 0245			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.48		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	0.29		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.48		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.30		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	0.24		0.040
Carbon tetrachloride	0.069		0.040
2,2,4-Trimethylpentane	0.10		0.040
Benzene	0.22		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.18		0.040
Trichloroethene	0.094		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	0.56		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.13		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.091		0.040
o-Xylene	0.094		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	0.27		0.080
Xylenes, Total	0.36		0.040

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

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: IA-1

Lab Sample ID: 200-13910-2

Date Sampled: 11/27/2012 1745

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeewd015.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 0245			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 0245			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	1.6		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.7		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	1.0		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	0.81		0.14
Carbon tetrachloride	0.43		0.25
2,2,4-Trimethylpentane	0.49		0.19
Benzene	0.71		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.73		0.16
Trichloroethene	0.50		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	2.1		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.88		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.40		0.17
o-Xylene	0.41		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	1.2		0.35
Xylenes, Total	1.6		0.17

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: IA-2

Lab Sample ID: 200-13910-4

Date Sampled: 11/27/2012 1730

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeewd024.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 1057			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 1057			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	1.3		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	0.59		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	7.0		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.34		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	0.082		0.040
Carbon tetrachloride	0.13		0.040
2,2,4-Trimethylpentane	0.093		0.040
Benzene	0.27		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.096		0.040
Trichloroethene	0.081		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	0.30		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.14		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.046		0.040
o-Xylene	0.049		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	0.14		0.080
Xylenes, Total	0.19		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	6.6		0.20

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: IA-2

Lab Sample ID: 200-13910-4

Date Sampled: 11/27/2012 1730

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeewd024.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 1057			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 1057			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	3.3		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	24		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	1.2		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	0.28		0.14
Carbon tetrachloride	0.79		0.25
2,2,4-Trimethylpentane	0.43		0.19
Benzene	0.86		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.39		0.16
Trichloroethene	0.44		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	1.1		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.93		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.20		0.17
o-Xylene	0.21		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	0.60		0.35
Xylenes, Total	0.81		0.17

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: IA-3

Lab Sample ID: 200-13910-6

Date Sampled: 11/27/2012 1712

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeew017.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 0435			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 0435			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.63		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	0.37		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	0.30		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	0.083		0.040
Carbon tetrachloride	0.071		0.040
2,2,4-Trimethylpentane	0.11		0.040
Benzene	0.23		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.11		0.040
Trichloroethene	0.090		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	0.30		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.16		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.046		0.040
o-Xylene	0.054		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	0.15		0.080
Xylenes, Total	0.21		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	3.1		0.20

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: IA-3

Lab Sample ID: 200-13910-6

Date Sampled: 11/27/2012 1712

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeewd017.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 0435			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 0435			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	2.1		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	1.1		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	0.29		0.14
Carbon tetrachloride	0.45		0.25
2,2,4-Trimethylpentane	0.53		0.19
Benzene	0.74		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.45		0.16
Trichloroethene	0.48		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	1.1		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	1.1		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.20		0.17
o-Xylene	0.24		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	0.65		0.35
Xylenes, Total	0.89		0.17

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: AM-1

Lab Sample ID: 200-13910-7

Date Sampled: 11/27/2012 1626

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeew018.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 0529			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 0529			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.56		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	0.25		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	0.19		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	0.048		0.040
Carbon tetrachloride	0.062		0.040
2,2,4-Trimethylpentane	0.074		0.040
Benzene	0.18		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.064		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	0.24		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	0.042		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	0.11		0.080
Xylenes, Total	0.15		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.8		0.20

Analytical Data

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Client Sample ID: AM-1

Lab Sample ID: 200-13910-7

Date Sampled: 11/27/2012 1626

Client Matrix: Air

Date Received: 11/29/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-49025	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeew018.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	12/05/2012 0529			Final Weight/Volume:	500 mL
Prep Date:	12/05/2012 0529			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	1.4		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	0.66		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	0.16		0.14
Carbon tetrachloride	0.39		0.25
2,2,4-Trimethylpentane	0.35		0.19
Benzene	0.58		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.26		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	0.90		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	0.18		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	0.47		0.35
Xylenes, Total	0.65		0.17

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Method Blank - Batch: 200-48951

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-48951/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 12/03/2012 1410
 Prep Date: 12/03/2012 1410
 Leach Date: N/A

Analysis Batch: 200-48951
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: B.i
 Lab File ID: bkuw004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
Toluene	0.20	U	0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Method Blank - Batch: 200-48951

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-48951/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 12/03/2012 1410
 Prep Date: 12/03/2012 1410
 Leach Date: N/A

Analysis Batch: 200-48951
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: B.i
 Lab File ID: bkuw004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.1	U	1.1
1,1-Dichloroethene	0.79	U	0.79
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
Toluene	0.75	U	0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	0.87	U	0.87
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Control Sample - Batch: 200-48951

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-48951/3
Client Matrix: Air
Dilution: 1.0
Analysis Date: 12/03/2012 1318
Prep Date: 12/03/2012 1318
Leach Date: N/A

Analysis Batch: 200-48951
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: B.i
Lab File ID: bkuw003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.44	94	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.19	92	70 - 130	
Vinyl chloride	10.0	9.30	93	70 - 130	
1,3-Butadiene	10.0	9.75	97	70 - 130	
Bromomethane	10.0	9.02	90	70 - 130	
Chloroethane	10.0	9.52	95	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.69	97	70 - 130	
Trichlorofluoromethane	10.0	9.33	93	70 - 130	
1,1-Dichloroethene	10.0	11.1	111	70 - 130	
3-Chloropropene	10.0	9.53	95	70 - 130	
Methylene Chloride	10.0	9.95	100	70 - 130	
Methyl tert-butyl ether	10.0	9.79	98	70 - 130	
trans-1,2-Dichloroethene	10.0	9.43	94	70 - 130	
n-Hexane	10.0	9.70	97	70 - 130	
1,1-Dichloroethane	10.0	9.55	96	70 - 130	
cis-1,2-Dichloroethene	10.0	10.2	102	70 - 130	
Chloroform	10.0	9.49	95	70 - 130	
1,1,1-Trichloroethane	10.0	9.56	96	70 - 130	
Cyclohexane	10.0	10.1	101	70 - 130	
Carbon tetrachloride	10.0	9.24	92	70 - 130	
2,2,4-Trimethylpentane	10.0	9.78	98	70 - 130	
Benzene	10.0	9.70	97	70 - 130	
1,2-Dichloroethane	10.0	9.38	94	70 - 130	
n-Heptane	10.0	9.41	94	70 - 130	
Trichloroethene	10.0	9.41	94	70 - 130	
1,2-Dichloropropane	10.0	9.12	91	70 - 130	
Bromodichloromethane	10.0	9.92	99	70 - 130	
cis-1,3-Dichloropropene	10.0	9.68	97	70 - 130	
Toluene	10.0	9.89	99	70 - 130	
trans-1,3-Dichloropropene	10.0	9.63	96	70 - 130	
1,1,2-Trichloroethane	10.0	9.66	97	70 - 130	
Tetrachloroethene	10.0	9.81	98	70 - 130	
Dibromochloromethane	10.0	10.8	108	70 - 130	
1,2-Dibromoethane	10.0	10.0	100	70 - 130	
Ethylbenzene	10.0	9.96	100	70 - 130	
m,p-Xylene	20.0	19.8	99	70 - 130	
Xylene, o-	10.0	10.0	100	70 - 130	
Bromoform	10.0	10.7	107	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.74	97	70 - 130	
4-Ethyltoluene	10.0	10.5	105	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.84	98	70 - 130	

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Method Blank - Batch: 200-49025

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-49025/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 12/04/2012 1643
Prep Date: 12/04/2012 1643
Leach Date: N/A

Analysis Batch: 200-49025
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: E.i
Lab File ID: eewd004.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: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Method Blank - Batch: 200-49025

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-49025/4
Client Matrix: Air
Dilution: 1.0
Analysis Date: 12/04/2012 1643
Prep Date: 12/04/2012 1643
Leach Date: N/A

Analysis Batch: 200-49025
Prep Batch: N/A
Leach Batch: N/A
Units: ug/m3

Instrument ID: E.i
Lab File ID: eewd004.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: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Control Sample - Batch: 200-49025

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: LCS 200-49025/3
Client Matrix: Air
Dilution: 1.0
Analysis Date: 12/04/2012 1548
Prep Date: 12/04/2012 1548
Leach Date: N/A

Analysis Batch: 200-49025
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: E.i
Lab File ID: eewd003.d
Initial Weight/Volume: 500 mL
Final Weight/Volume: 500 mL
Injection Volume: 500 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	0.200	0.226	113	70 - 130	
1,2-Dichlorotetrafluoroethane	0.200	0.221	111	70 - 130	
Vinyl chloride	0.200	0.219	110	70 - 130	
1,3-Butadiene	0.200	0.210	105	70 - 130	
Bromomethane	0.200	0.202	101	70 - 130	
Chloroethane	0.200	0.208	104	70 - 130	
Bromoethene(Vinyl Bromide)	0.200	0.195	98	70 - 130	
Trichlorofluoromethane	0.200	0.202	101	70 - 130	
1,1-Dichloroethene	0.200	0.184	92	70 - 130	
3-Chloropropene	0.200	0.184	92	70 - 130	
Methylene Chloride	0.200	0.207	103	70 - 130	
Methyl tert-butyl ether	0.200	0.169	85	70 - 130	
trans-1,2-Dichloroethene	0.200	0.171	86	70 - 130	
n-Hexane	0.200	0.186	93	70 - 130	
1,1-Dichloroethane	0.200	0.175	88	70 - 130	
cis-1,2-Dichloroethene	0.200	0.174	87	70 - 130	
Chloroform	0.200	0.181	91	70 - 130	
1,1,1-Trichloroethane	0.200	0.179	90	70 - 130	
Cyclohexane	0.200	0.168	84	70 - 130	
Carbon tetrachloride	0.200	0.177	89	70 - 130	
2,2,4-Trimethylpentane	0.200	0.177	89	70 - 130	
Benzene	0.200	0.173	87	70 - 130	
1,2-Dichloroethane	0.200	0.177	89	70 - 130	
n-Heptane	0.200	0.167	84	70 - 130	
Trichloroethene	0.200	0.162	81	70 - 130	
1,2-Dichloropropane	0.200	0.180	90	70 - 130	
Bromodichloromethane	0.200	0.185	93	70 - 130	
cis-1,3-Dichloropropene	0.200	0.162	81	70 - 130	
Toluene	0.200	0.175	88	70 - 130	
trans-1,3-Dichloropropene	0.200	0.154	77	70 - 130	
1,1,2-Trichloroethane	0.200	0.169	85	70 - 130	
Tetrachloroethene	0.200	0.190	95	70 - 130	
Dibromochloromethane	0.200	0.174	87	70 - 130	
1,2-Dibromoethane	0.200	0.163	82	70 - 130	
Ethylbenzene	0.200	0.161	81	70 - 130	
o-Xylene	0.200	0.144	72	70 - 130	
Bromoform	0.200	0.145	73	70 - 130	
1,1,2,2-Tetrachloroethane	0.200	0.144	72	70 - 130	
4-Ethyltoluene	0.200	0.172	86	70 - 130	
1,3,5-Trimethylbenzene	0.200	0.162	81	70 - 130	
m-Xylene & p-Xylene	0.399	0.309	77	70 - 130	

DATA REPORTING QUALIFIERS

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

Lab Section	Qualifier	Description
Air - GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1

Sdg Number: 200-13910

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-48951					
LCS 200-48951/3	Lab Control Sample	T	Air	TO-15	
MB 200-48951/4	Method Blank	T	Air	TO-15	
200-13910-1	SSV-1	T	Air	TO-15	
200-13910-3	SSV-2	T	Air	TO-15	
200-13910-5	SSV-3	T	Air	TO-15	
Analysis Batch:200-49025					
LCS 200-49025/3	Lab Control Sample	T	Air	TO15 LL	
MB 200-49025/4	Method Blank	T	Air	TO15 LL	
200-13910-2	IA-1	T	Air	TO15 LL	
200-13910-4	IA-2	T	Air	TO15 LL	
200-13910-6	IA-3	T	Air	TO15 LL	
200-13910-7	AM-1	T	Air	TO15 LL	

Report Basis

T = Total

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1
SDG: 200-13910

Laboratory Chronicle

Lab ID: 200-13910-1

Client ID: SSV-1

Sample Date/Time: 11/27/2012 17:45

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-1		200-48951		12/03/2012 20:30	10	TAL BUR	PAD
A:TO-15	200-13910-A-1		200-48951		12/03/2012 20:30	10	TAL BUR	PAD

Lab ID: 200-13910-2

Client ID: IA-1

Sample Date/Time: 11/27/2012 17:45

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-2		200-49025		12/05/2012 02:45	4	TAL BUR	WRD
A:TO15 LL	200-13910-A-2		200-49025		12/05/2012 02:45	4	TAL BUR	WRD

Lab ID: 200-13910-3

Client ID: SSV-2

Sample Date/Time: 11/27/2012 16:50

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-3		200-48951		12/03/2012 21:22	1	TAL BUR	PAD
A:TO-15	200-13910-A-3		200-48951		12/03/2012 21:22	1	TAL BUR	PAD

Lab ID: 200-13910-4

Client ID: IA-2

Sample Date/Time: 11/27/2012 17:30

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-4		200-49025		12/05/2012 10:57	4	TAL BUR	WRD
A:TO15 LL	200-13910-A-4		200-49025		12/05/2012 10:57	4	TAL BUR	WRD

Lab ID: 200-13910-5

Client ID: SSV-3

Sample Date/Time: 11/27/2012 17:23

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-5		200-48951		12/03/2012 22:14	1	TAL BUR	PAD
A:TO-15	200-13910-A-5		200-48951		12/03/2012 22:14	1	TAL BUR	PAD

Quality Control Results

Client: CHA Inc

Job Number: 200-13910-1
SDG: 200-13910

Laboratory Chronicle

Lab ID: 200-13910-6

Client ID: IA-3

Sample Date/Time: 11/27/2012 17:12

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-6		200-49025		12/05/2012 04:35	4	TAL BUR	WRD
A:TO15 LL	200-13910-A-6		200-49025		12/05/2012 04:35	4	TAL BUR	WRD

Lab ID: 200-13910-7

Client ID: AM-1

Sample Date/Time: 11/27/2012 16:26

Received Date/Time: 11/29/2012 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-13910-A-7		200-49025		12/05/2012 05:29	4	TAL BUR	WRD
A:TO15 LL	200-13910-A-7		200-49025		12/05/2012 05:29	4	TAL BUR	WRD

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 200-48951/4		200-48951		12/03/2012 14:10	1	TAL BUR	PAD
A:TO-15	MB 200-48951/4		200-48951		12/03/2012 14:10	1	TAL BUR	PAD
P:Summa Canister	MB 200-49025/4		200-49025		12/04/2012 16:43	1	TAL BUR	WRD
A:TO15 LL	MB 200-49025/4		200-49025		12/04/2012 16:43	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 200-48951/3		200-48951		12/03/2012 13:18	1	TAL BUR	PAD
A:TO-15	LCS 200-48951/3		200-48951		12/03/2012 13:18	1	TAL BUR	PAD
P:Summa Canister	LCS 200-49025/3		200-49025		12/04/2012 15:48	1	TAL BUR	WRD
A:TO15 LL	LCS 200-49025/3		200-49025		12/04/2012 15:48	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

Client: CHA Inc
Project/Site: Former Albany Laboratories

TestAmerica Job ID: 200-13910-1
SDG: 200-13910

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	NELAC	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAC	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAC	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC	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.: 200-13910-1
SDG No.: 200-13910
Matrix: Air Level: Low Lab File ID: ee wd003.d
Lab ID: LCS 200-49025/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.226	113	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.221	111	70-130	
Vinyl chloride	0.200	0.219	110	70-130	
1,3-Butadiene	0.200	0.210	105	70-130	
Bromomethane	0.200	0.202	101	70-130	
Chloroethane	0.200	0.208	104	70-130	
Bromoethene (Vinyl Bromide)	0.200	0.195	98	70-130	
Trichlorofluoromethane	0.200	0.202	101	70-130	
1,1-Dichloroethene	0.200	0.184	92	70-130	
3-Chloropropene	0.200	0.184	92	70-130	
Methylene Chloride	0.200	0.207	103	70-130	
Methyl tert-butyl ether	0.200	0.169	85	70-130	
trans-1,2-Dichloroethene	0.200	0.171	86	70-130	
n-Hexane	0.200	0.186	93	70-130	
1,1-Dichloroethane	0.200	0.175	88	70-130	
cis-1,2-Dichloroethene	0.200	0.174	87	70-130	
Chloroform	0.200	0.181	91	70-130	
1,1,1-Trichloroethane	0.200	0.179	90	70-130	
Cyclohexane	0.200	0.168	84	70-130	
Carbon tetrachloride	0.200	0.177	89	70-130	
2,2,4-Trimethylpentane	0.200	0.177	89	70-130	
Benzene	0.200	0.173	87	70-130	
1,2-Dichloroethane	0.200	0.177	89	70-130	
n-Heptane	0.200	0.167	84	70-130	
Trichloroethene	0.200	0.162	81	70-130	
1,2-Dichloropropane	0.200	0.180	90	70-130	
Bromodichloromethane	0.200	0.185	93	70-130	
cis-1,3-Dichloropropene	0.200	0.162	81	70-130	
Toluene	0.200	0.175	88	70-130	
trans-1,3-Dichloropropene	0.200	0.154	77	70-130	
1,1,2-Trichloroethane	0.200	0.169	85	70-130	
Tetrachloroethene	0.200	0.190	95	70-130	
Dibromochloromethane	0.200	0.174	87	70-130	
1,2-Dibromoethane	0.200	0.163	82	70-130	
Ethylbenzene	0.200	0.161	81	70-130	
o-Xylene	0.200	0.144	72	70-130	
Bromoform	0.200	0.145	73	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.144	72	70-130	
4-Ethyltoluene	0.200	0.172	86	70-130	
1,3,5-Trimethylbenzene	0.200	0.162	81	70-130	
m-Xylene & p-Xylene	0.399	0.309	77	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.: 200-13910-1
SDG No.: 200-13910
Lab File ID: eewd004.d Lab Sample ID: MB 200-49025/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: E.i Date Analyzed: 12/04/2012 16:43
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 200-49025/3	eewd003.d	12/04/2012 15:48
IA-1	200-13910-2	eewd015.d	12/05/2012 02:45
IA-3	200-13910-6	eewd017.d	12/05/2012 04:35
AM-1	200-13910-7	eewd018.d	12/05/2012 05:29
IA-2	200-13910-4	eewd024.d	12/05/2012 10:57

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab File ID: eew001.d BFB Injection Date: 11/02/2012
 Instrument ID: E.i BFB Injection Time: 08:32
 Analysis Batch No.: 47623

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	8.6
75	30.0 - 66.0% of mass 95	33.0
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 (0.4) 1
174	50.0 - 120.0% of mass 95	104.3
175	4.0 - 9.0 % of mass 174	7.3 (7.0) 1
176	93.0 - 101.0% of mass 174	100.8 (96.7) 1
177	5.0 - 9.0% of mass 176	6.5 (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 200-47623/3	eew003.d	11/02/2012	10:15
	IC 200-47623/4	eew004.d	11/02/2012	11:09
	IC 200-47623/5	eew005.d	11/02/2012	12:02
	IC 200-47623/6	eew006.d	11/02/2012	12:56
	ICIS 200-47623/7	eew007.d	11/02/2012	13:50
	IC 200-47623/8	eew008.d	11/02/2012	14:44
	IC 200-47623/9	eew009.d	11/02/2012	15:38
	IC 200-47623/10	eew010.d	11/02/2012	16:32
	IC 200-47623/11	eew011.d	11/02/2012	17:26
	IC 200-47623/12	eew012.d	11/02/2012	18:20
	ICV 200-47623/15	eew015.d	11/02/2012	21:01

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab File ID: eedw001.d BFB Injection Date: 12/04/2012
 Instrument ID: E.i BFB Injection Time: 14:03
 Analysis Batch No.: 49025

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	9.0
75	30.0 - 66.0% of mass 95	33.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.5 (0.4) 1
174	50.0 - 120.0% of mass 95	111.1
175	4.0 - 9.0 % of mass 174	7.7 (6.9) 1
176	93.0 - 101.0% of mass 174	106.7 (96.1) 1
177	5.0 - 9.0% of mass 176	7.1 (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 200-49025/2	eedw002.d	12/04/2012	14:54
	LCS 200-49025/3	eedw003.d	12/04/2012	15:48
	MB 200-49025/4	eedw004.d	12/04/2012	16:43
IA-1	200-13910-2	eedw015.d	12/05/2012	02:45
IA-3	200-13910-6	eedw017.d	12/05/2012	04:35
AM-1	200-13910-7	eedw018.d	12/05/2012	05:29
IA-2	200-13910-4	eedw024.d	12/05/2012	10:57

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
SDG No.: 200-13910
Sample No.: ICIS 200-47623/7 Date Analyzed: 11/02/2012 13:50
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): ew007.d Heated Purge: (Y/N) N
Calibration ID: 18691

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	1236637	9.95	5431105	11.39	4820004	15.51
UPPER LIMIT	1731292	10.28	7603547	11.72	6748006	15.84
LOWER LIMIT	741982	9.62	3258663	11.06	2892002	15.18
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-47623/15		1203840	9.95	5418038	11.39	4904906 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.: 200-13910-1
 SDG No.: 200-13910
 Sample No.: CCVIS 200-49025/2 Date Analyzed: 12/04/2012 14:54
 Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): ewwd002.d Heated Purge: (Y/N) N
 Calibration ID: 18691

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1830410	9.95	7955179	11.39	7214763	15.51
UPPER LIMIT		2562574	10.28	11137251	11.72	10100668	15.84
LOWER LIMIT		1098246	9.62	4773107	11.06	4328858	15.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-49025/3		1701148	9.95	7365425	11.39	6306842	15.51
MB 200-49025/4		1645697	9.95	7024862	11.39	6264304	15.51
200-13910-2	IA-1	2130931	9.95	8884769	11.39	7648292	15.51
200-13910-6	IA-3	1760006	9.95	7456026	11.39	6515557	15.51
200-13910-7	AM-1	1743114	9.95	7772524	11.39	6598253	15.51
200-13910-4	IA-2	1520647	9.95	6778504	11.39	5982767	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 TO15 LL

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-1 Lab Sample ID: 200-13910-2
 Matrix: Air Lab File ID: eezd015.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:45
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 02:45
 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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.48		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	0.29		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	0.48		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	0.30		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	0.24		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.069		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.10		0.040	0.040
71-43-2	Benzene	78.11	0.22		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	0.18		0.040	0.040
79-01-6	Trichloroethene	131.39	0.094		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	0.56		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	0.13		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.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: IA-1 Lab Sample ID: 200-13910-2
Matrix: Air Lab File ID: eedw015.d
Analysis Method: TO15 LL Date Collected: 11/27/2012 17:45
Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 02:45
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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.091		0.040	0.040
95-47-6	o-Xylene	106.17	0.094		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	0.27		0.080	0.040
1330-20-7	Xylenes, Total	106.17	0.36		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-1 Lab Sample ID: 200-13910-2
 Matrix: Air Lab File ID: eedw015.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:45
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 02:45
 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.: 49025 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	1.6		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	1.7		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	1.0		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	0.20	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	0.81		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	0.49		0.19	0.19
71-43-2	Benzene	78.11	0.71		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	0.73		0.16	0.16
79-01-6	Trichloroethene	131.39	0.50		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	2.1		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	0.88		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.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: IA-1 Lab Sample ID: 200-13910-2
Matrix: Air Lab File ID: eedw015.d
Analysis Method: TO15 LL Date Collected: 11/27/2012 17:45
Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 02:45
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.: 49025 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.40		0.17	0.17
95-47-6	o-Xylene	106.17	0.41		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	1.2		0.35	0.17
1330-20-7	Xylenes, Total	106.17	1.6		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-2
Client Smp ID: IA-1
Inj Date : 05-DEC-2012 02:45
Operator : wrd
Smp Info : 200-13910-A-2
Misc Info : 125,4,to1511
Comment :
Method : /chem/E.i/Esvr.p/eeddto15.b/to15113t.m
Meth Date : 05-Dec-2012 14:23 wrd
Cal Date : 02-NOV-2012 18:20
Als bottle: 15
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: eew012.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)	93089	0.12092	0.48
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	4.426	4.426	(0.445)	2619	0.00877	0.035(aQ)
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.111	5.111	(0.514)	103566	0.07297	0.29
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.250	6.245	(0.628)	24375	0.02074	0.083(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.395	7.390	(0.743)	46056	0.12067	0.48
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

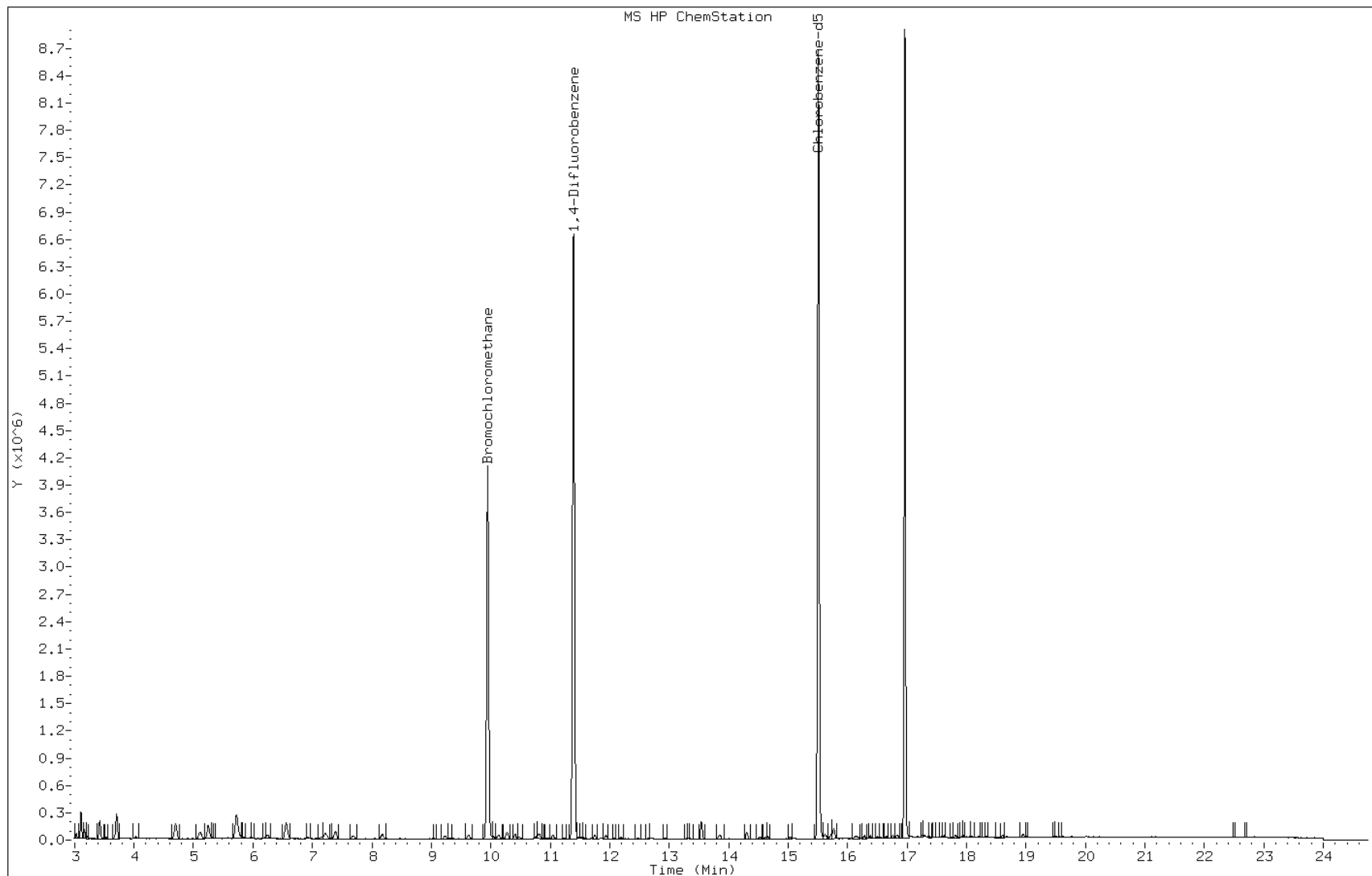
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.176	8.171	(0.822)	43459	0.07377	0.30
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61				4324	0.00787	0.031(a)
34 1,2-Dichloroethene (cis)	96	9.567	9.572	(0.962)	4324	0.00787	0.031(a)
* 36 Bromochloromethane	128	9.947	9.947	(1.000)	2130931	2.00000	
39 Chloroform	83	10.032	10.038	(1.009)	7279	0.00835	0.033(a)
40 Cyclohexane	84	10.278	10.279	(0.902)	43773	0.05897	0.24(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.476	10.476	(0.920)	21110	0.01720	0.069
43 2,2,4-Trimethylpentane	57	10.776	10.776	(0.946)	40882	0.02609	0.10
44 Benzene	78	10.819	10.819	(0.950)	68957	0.05560	0.22
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.038	11.044	(0.969)	21971	0.04478	0.18
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	8884769	2.00000	
49 Trichloroethene	95	11.744	11.750	(1.031)	16279	0.02339	0.094
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	13.542	13.547	(0.873)	116559	0.13884	0.56
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.307	14.307	(0.922)	34851	0.03256	0.13
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.510	15.511	(1.000)	7648292	2.00000	
67 Ethylbenzene	91	15.617	15.618	(1.007)	33391	0.02278	0.091
69 Xylene (m,p)	106	15.767	15.767	(1.017)	40861	0.06760	0.27
M 70 Xylene, Total	106				54613	0.09115	0.36
71 Xylene (o)	106	16.281	16.281	(1.050)	13752	0.02354	0.094
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	17.372	17.378	(1.120)	6370	0.00838	0.034(a)

QC Flag Legend

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

Data File: eewd015.d
Client ID: IA-1
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-2
Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

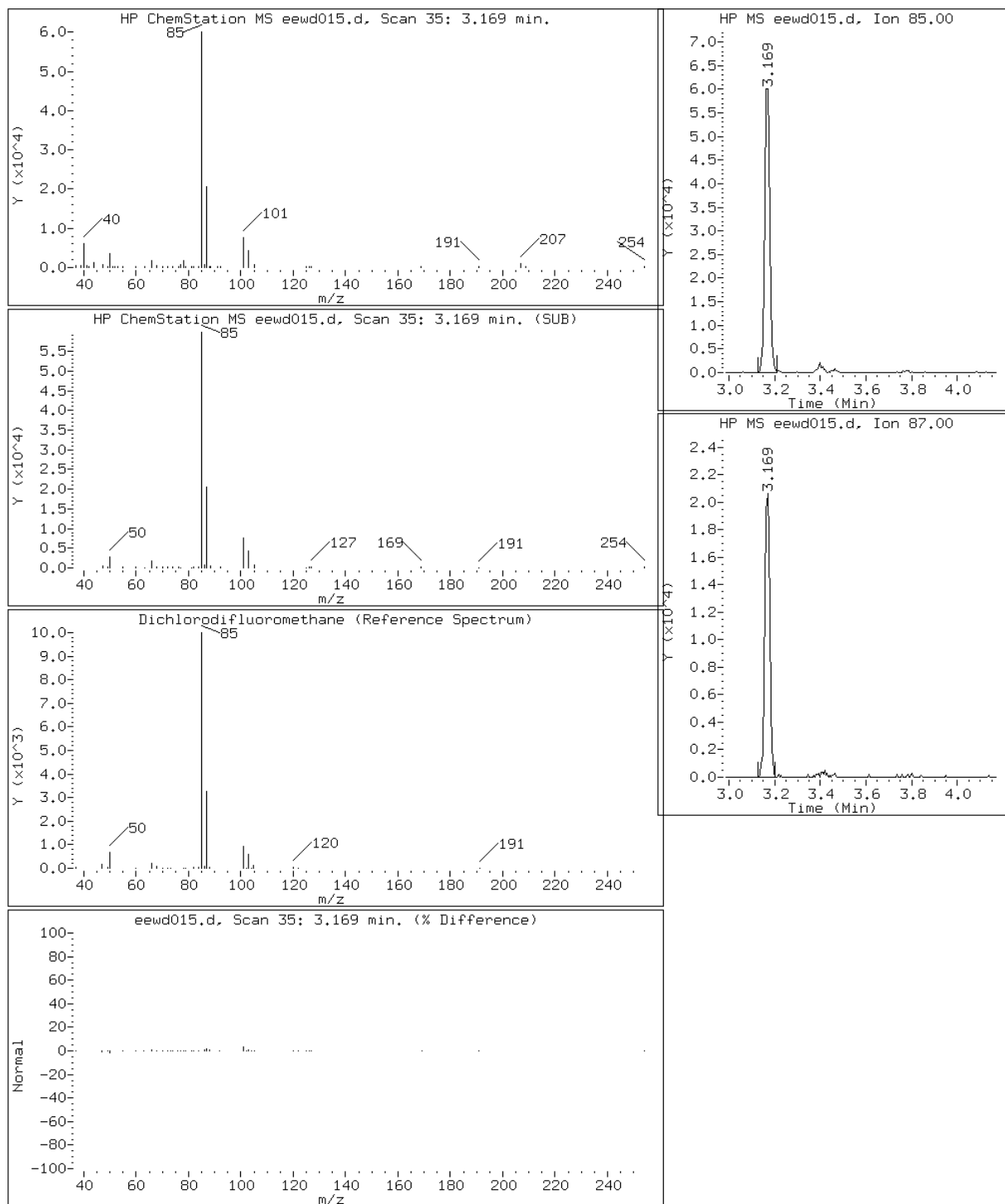
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

2 Dichlorodifluoromethane



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

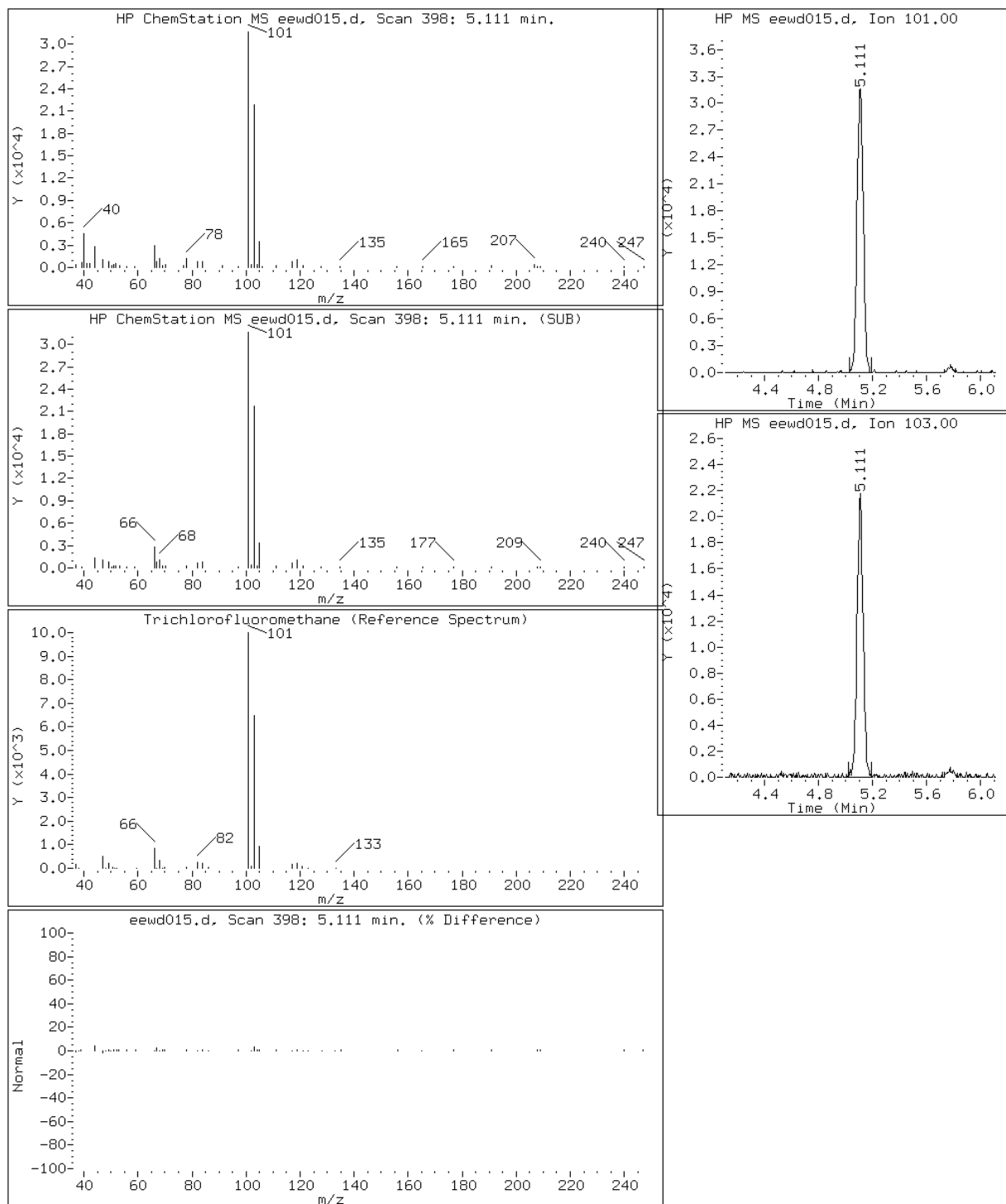
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

13 Trichlorofluoromethane



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

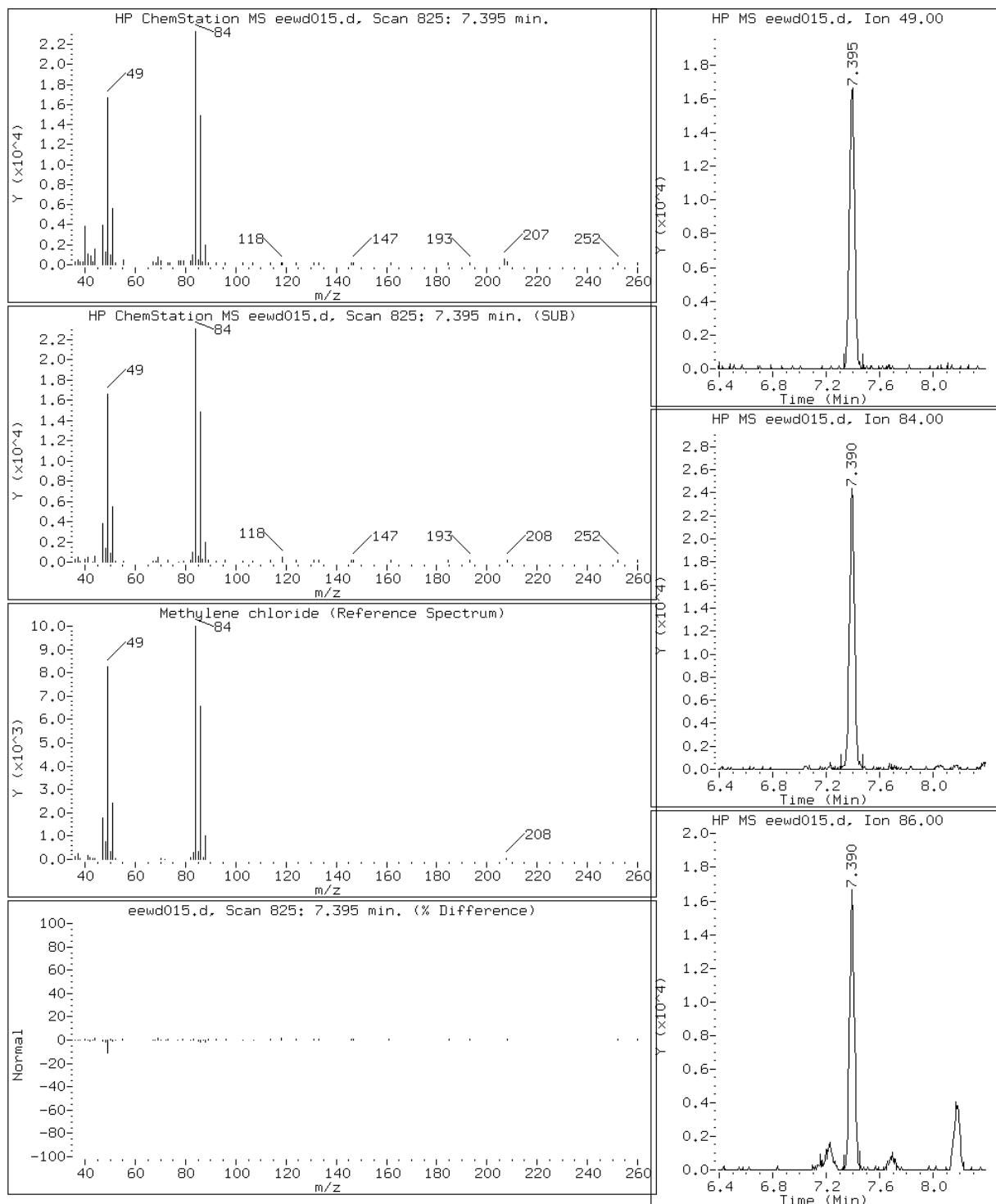
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

25 Methylene chloride



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

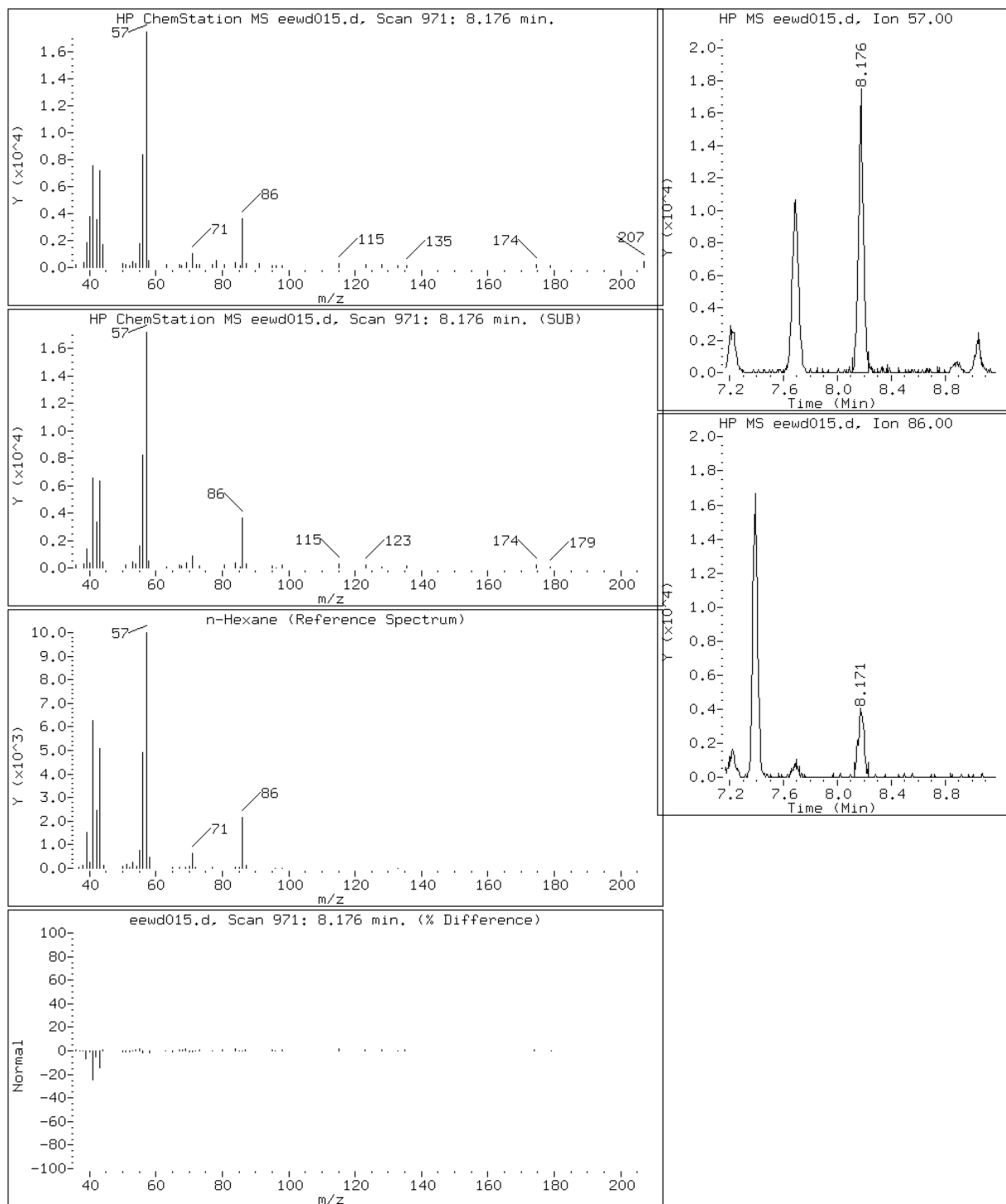
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

30 n-Hexane



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

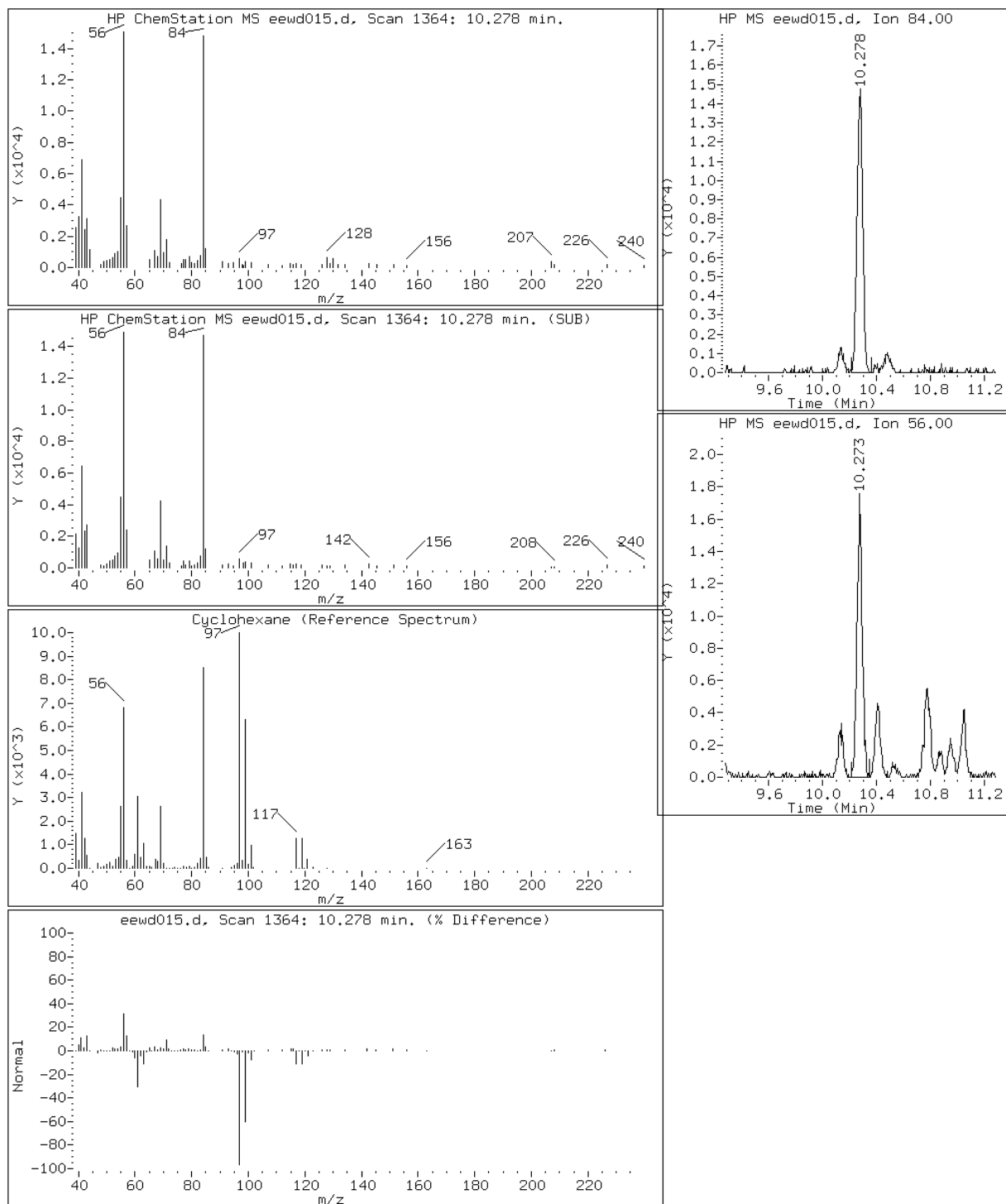
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

40 Cyclohexane



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

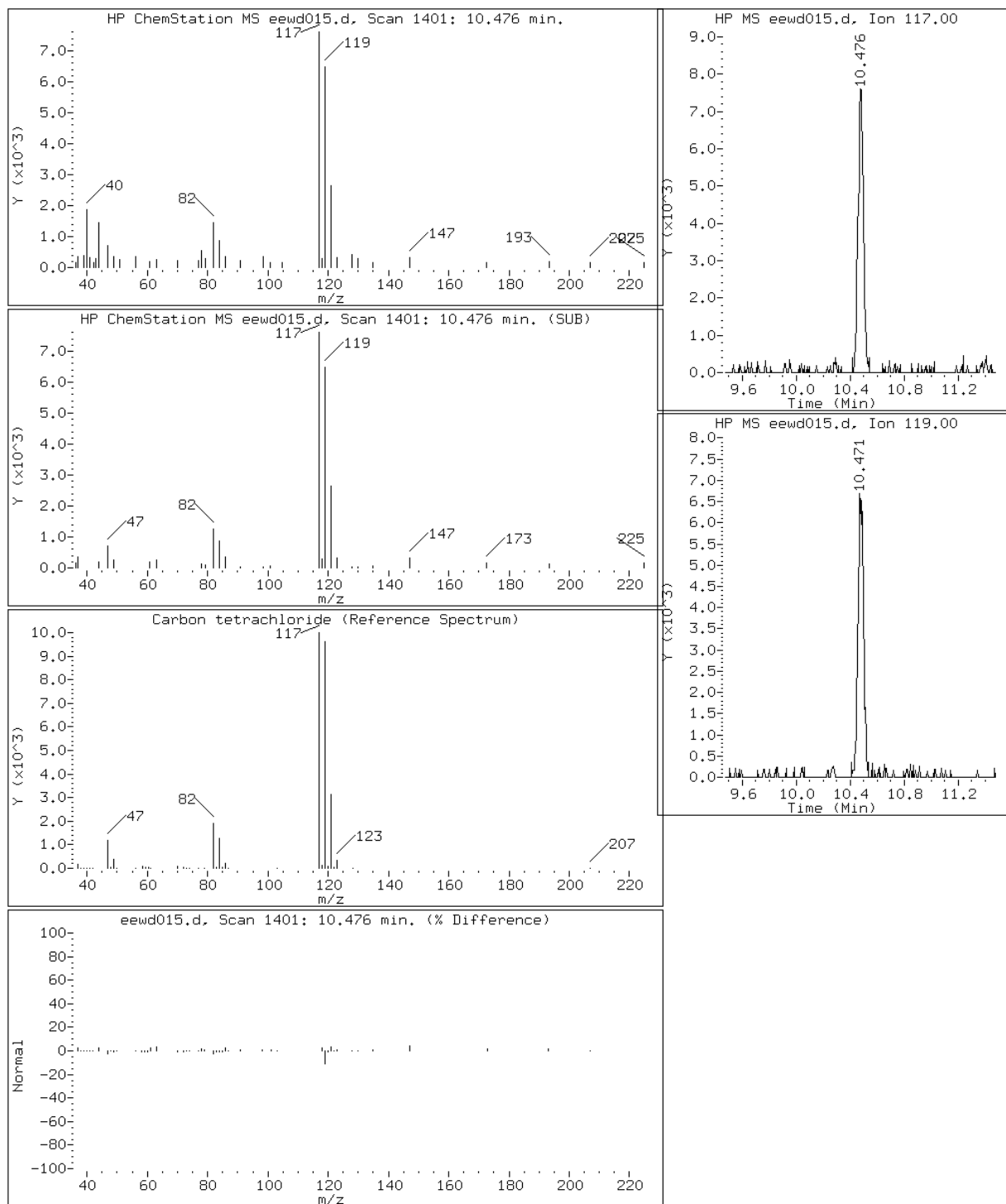
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

42 Carbon tetrachloride



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

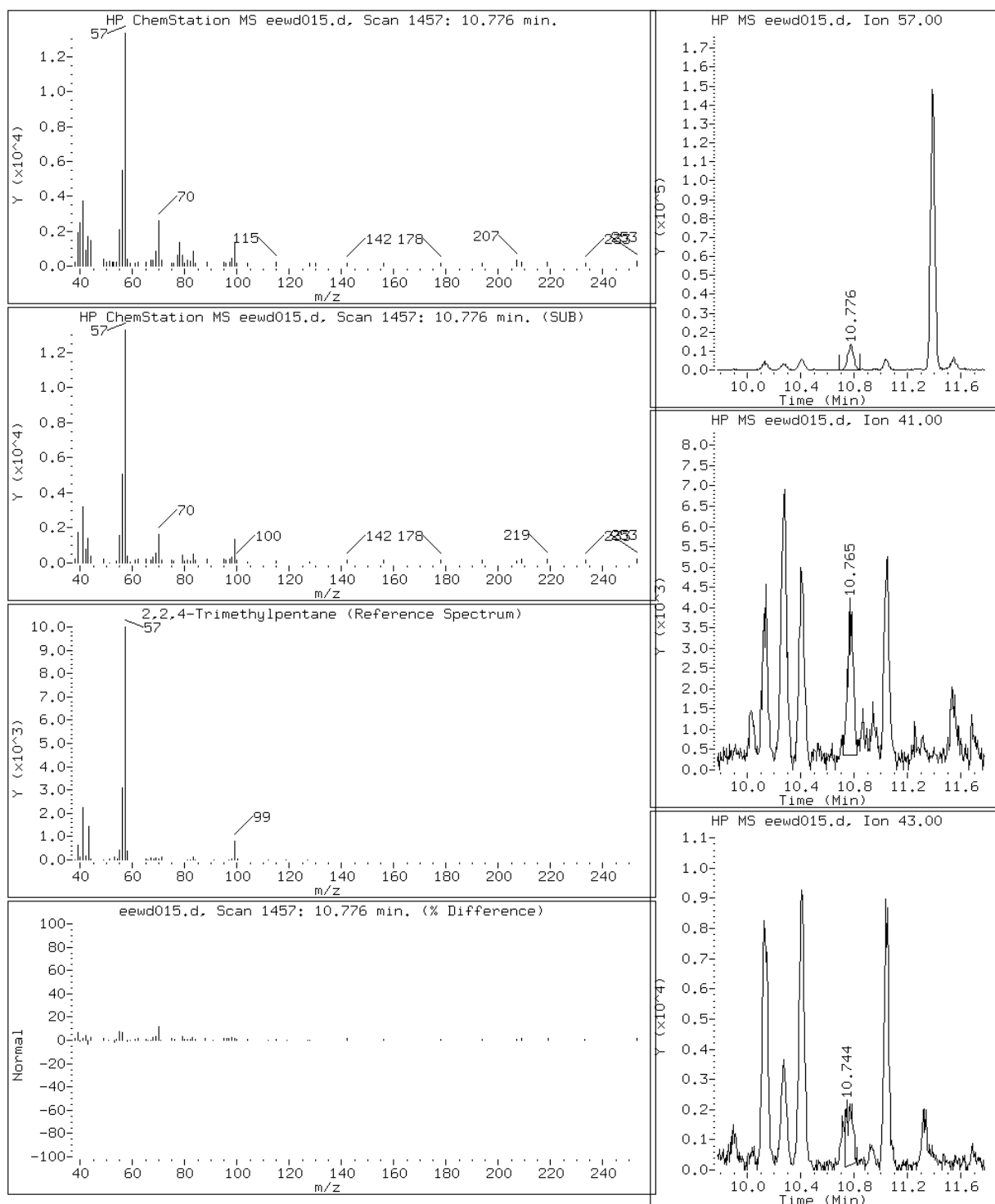
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

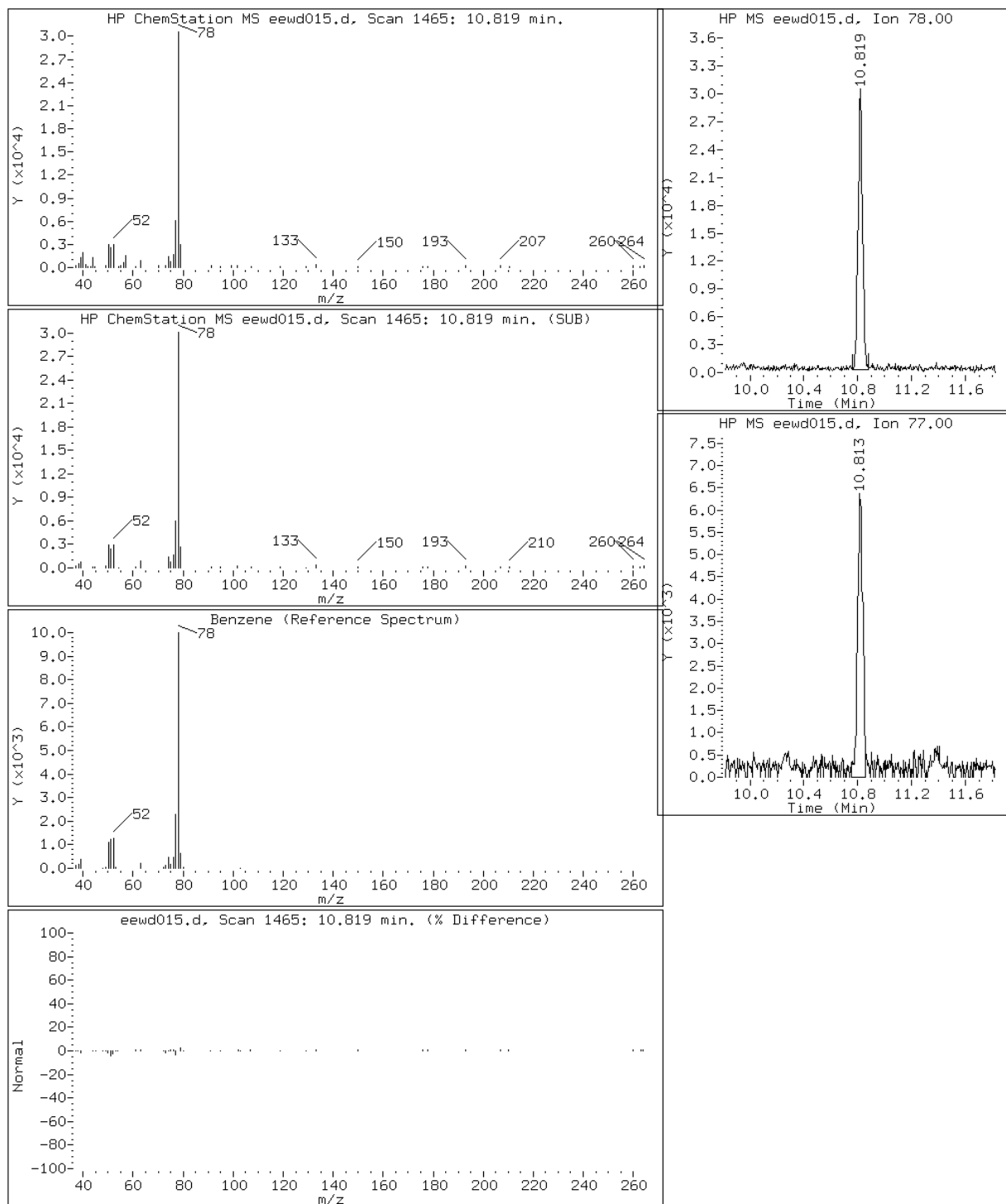
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

44 Benzene



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

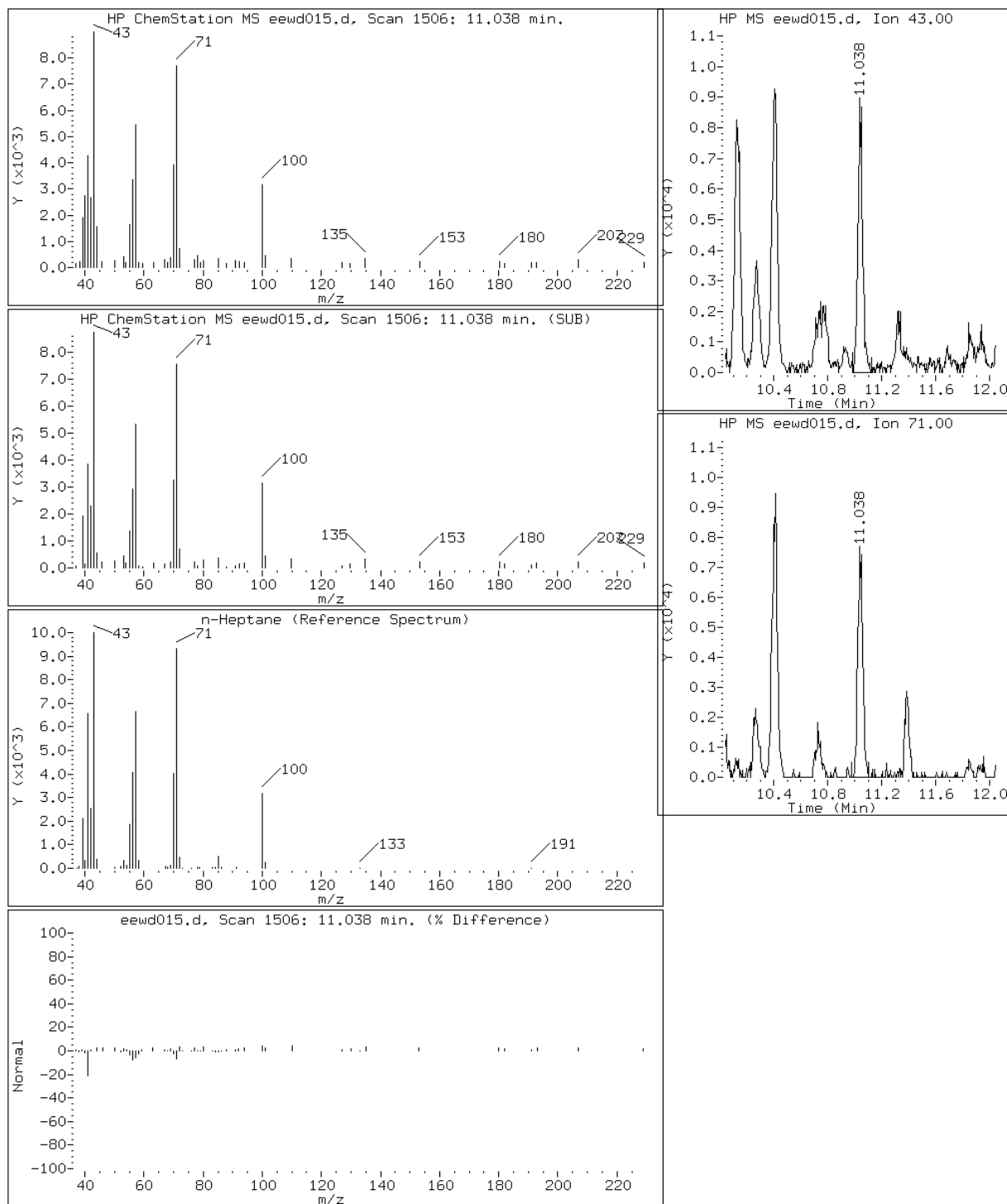
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

46 n-Heptane



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

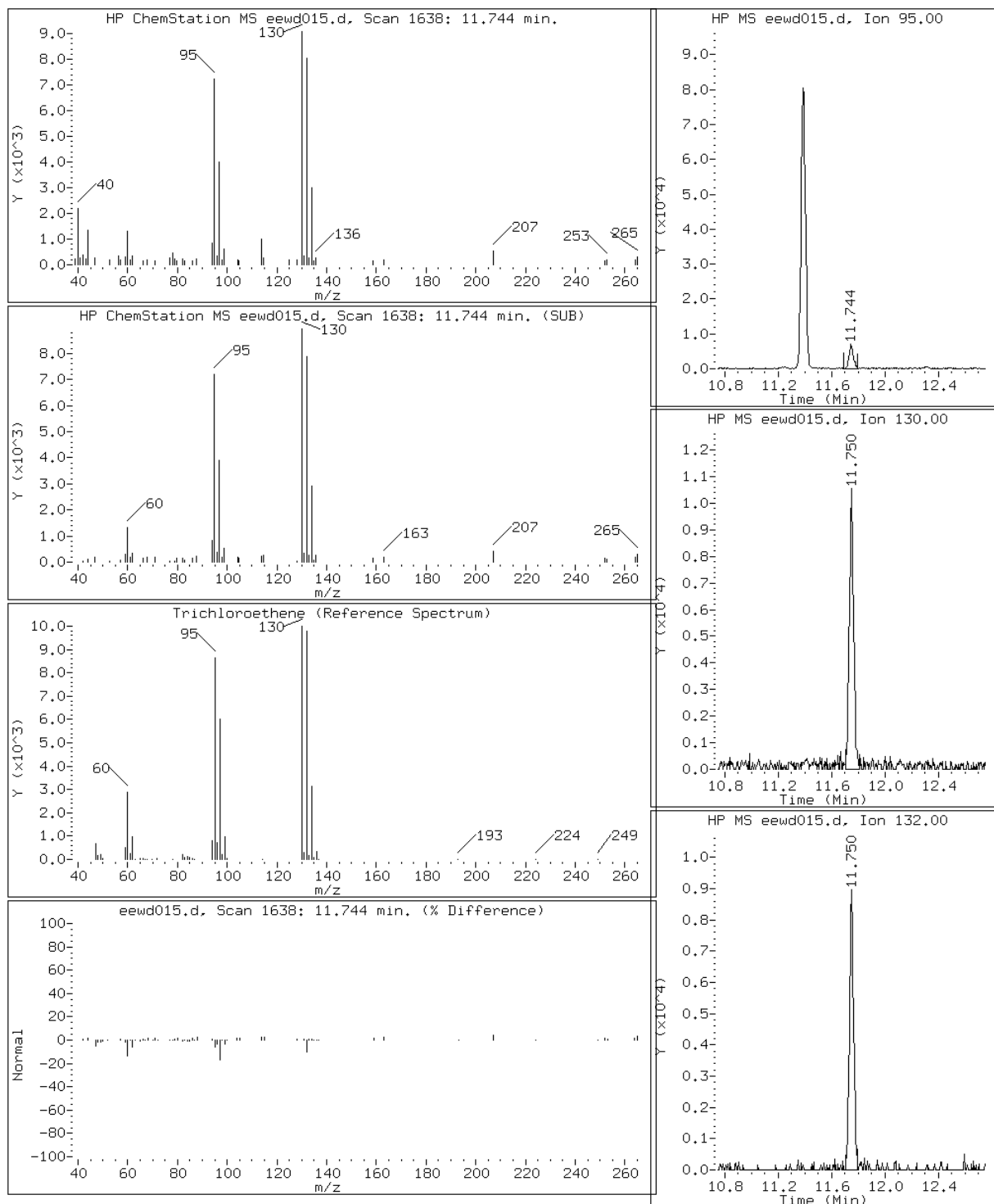
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

49 Trichloroethene



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

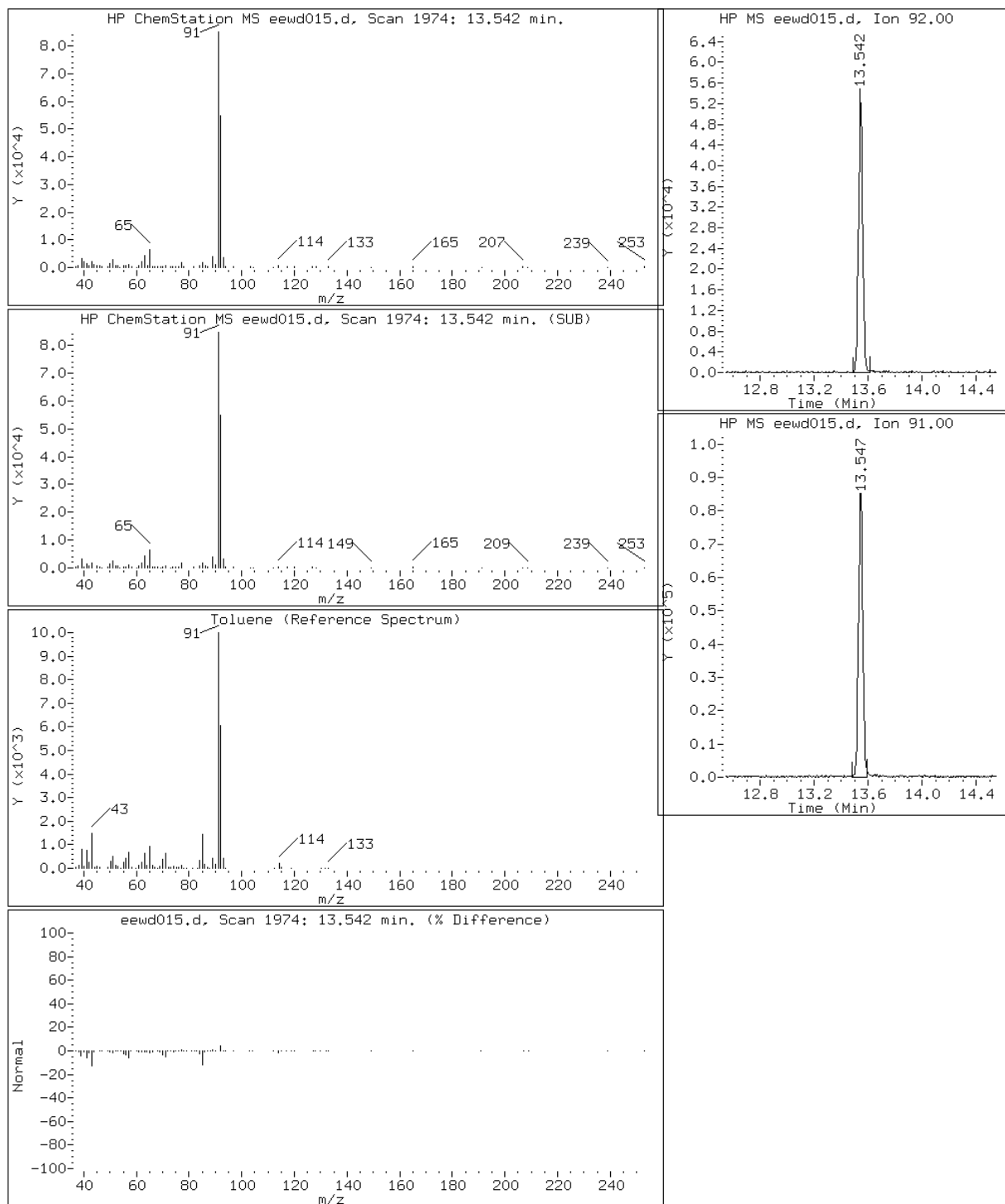
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

58 Toluene



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

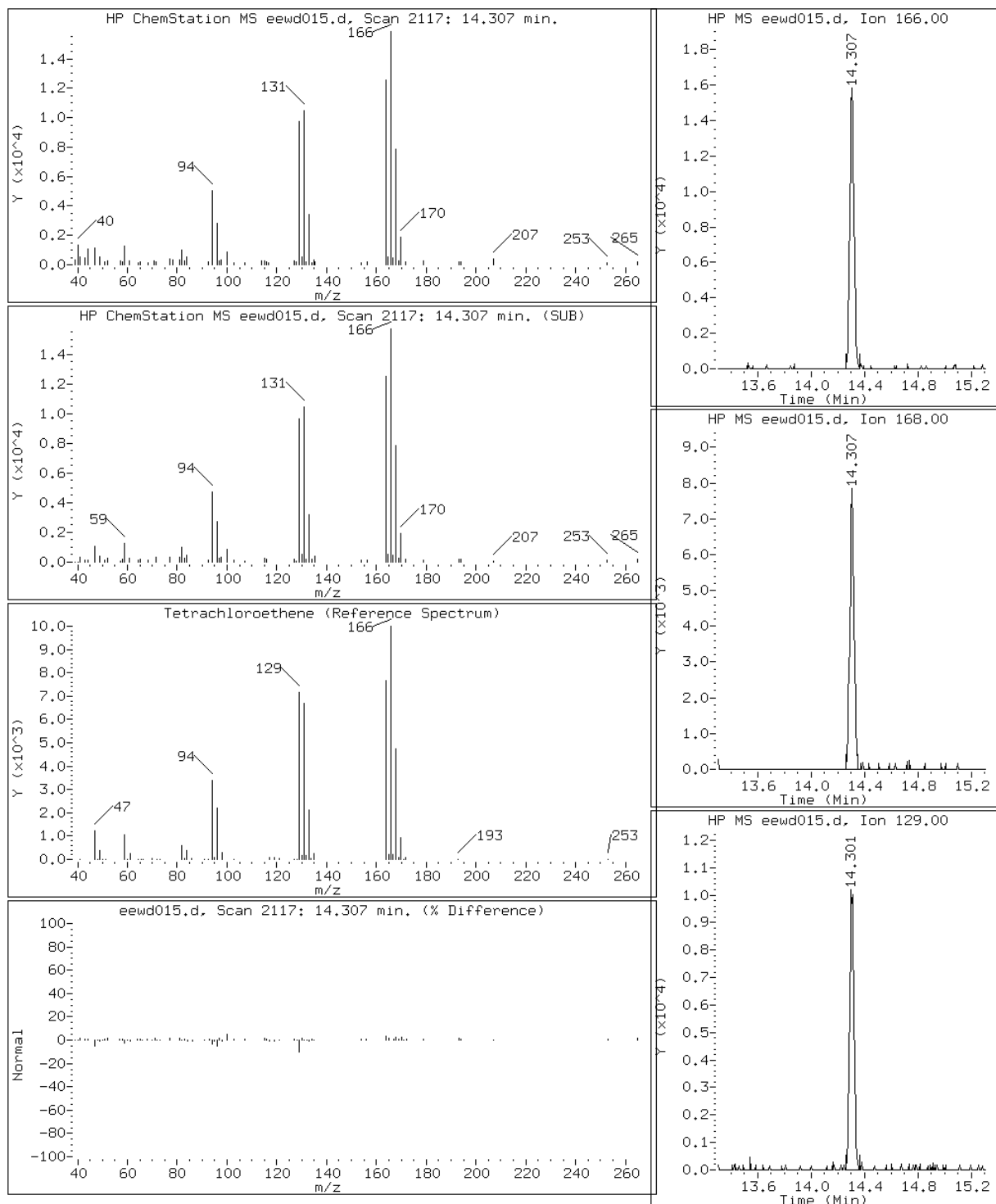
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

61 Tetrachloroethene



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

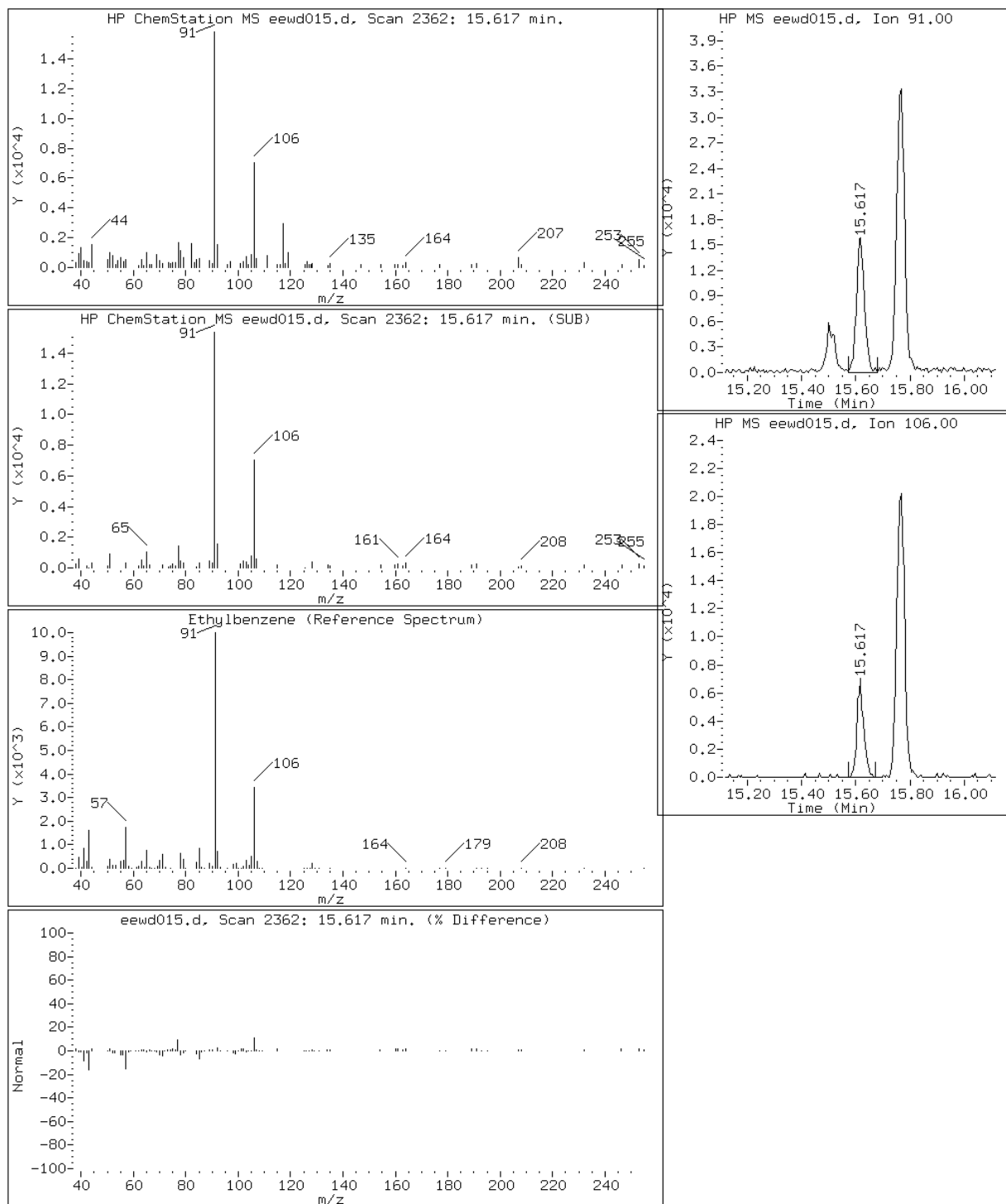
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

67 Ethylbenzene



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

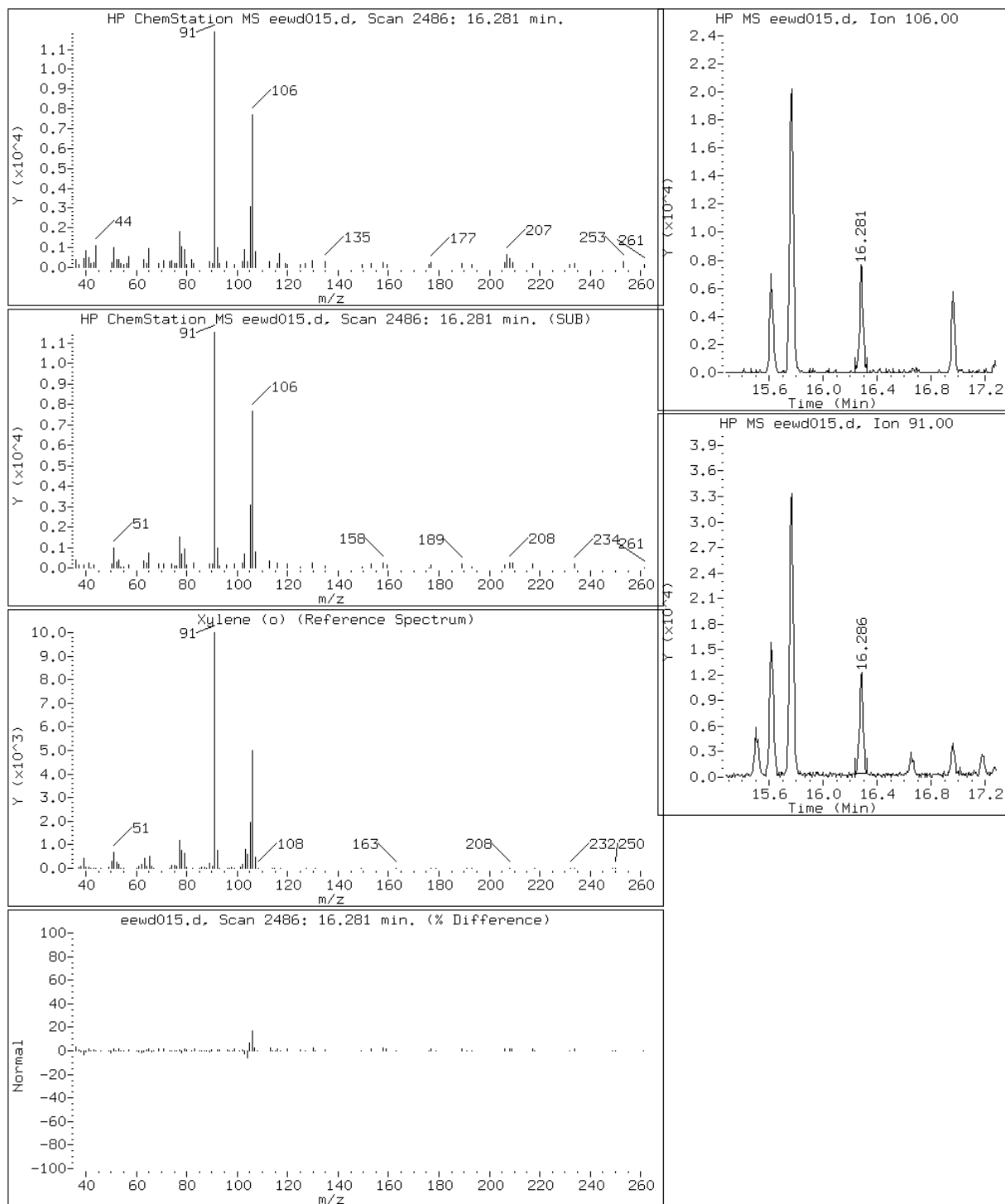
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

71 Xylene (o)



Data File: eewd015.d

Lab Sample ID: 200-13910-2

Date: 05-DEC-2012 02:45

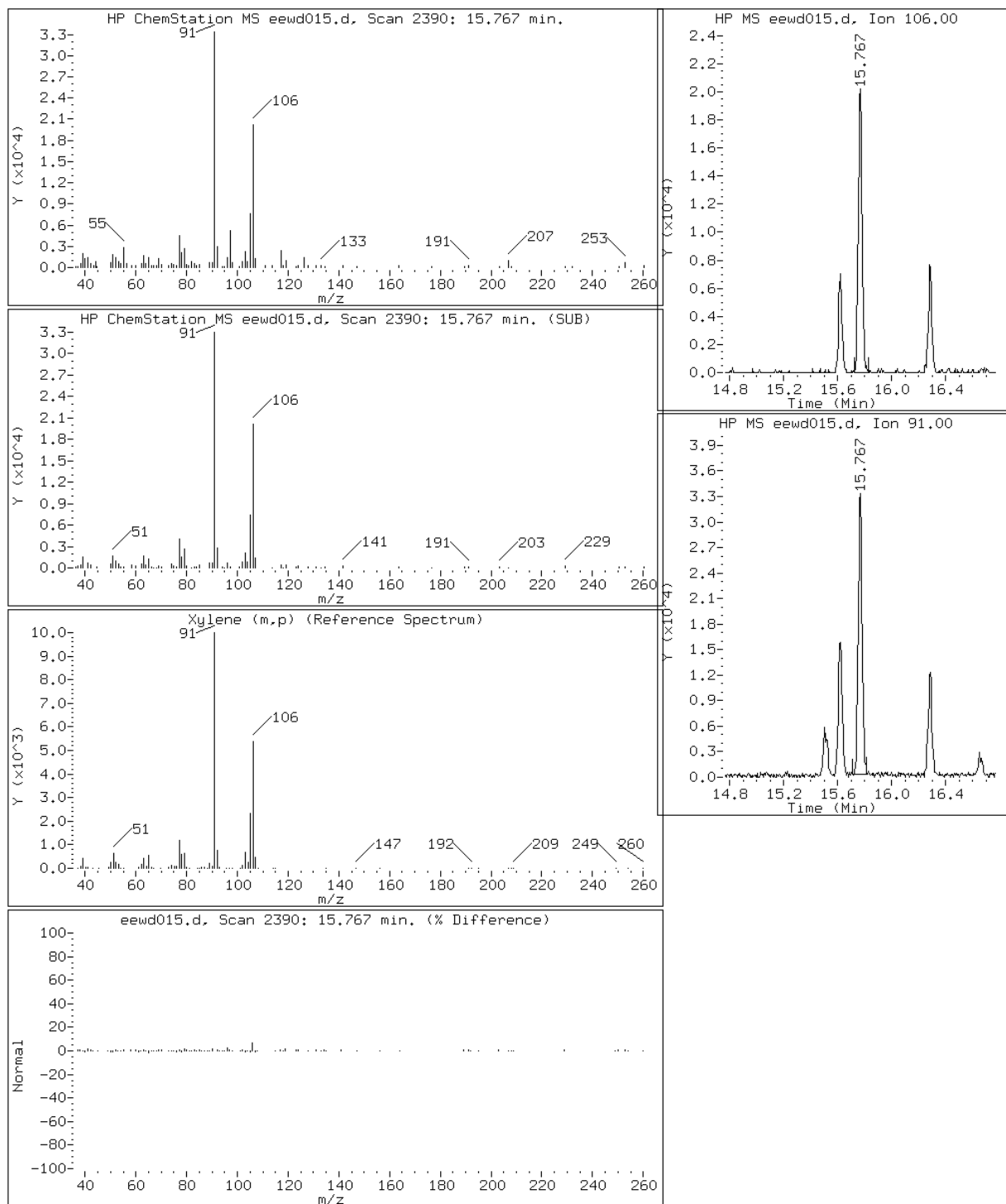
Client ID: IA-1

Instrument: E.i

Sample Info: 200-13910-A-2

Operator: wrd

69 Xylene (m,p)



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-2 Lab Sample ID: 200-13910-4
 Matrix: Air Lab File ID: eedw024.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:30
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 10:57
 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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.3		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	0.59		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	7.0		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	0.34		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	0.082		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.13		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.093		0.040	0.040
71-43-2	Benzene	78.11	0.27		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	0.096		0.040	0.040
79-01-6	Trichloroethene	131.39	0.081		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	0.30		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	0.14		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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-2 Lab Sample ID: 200-13910-4
 Matrix: Air Lab File ID: eezd024.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:30
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 10:57
 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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.046		0.040	0.040
95-47-6	o-Xylene	106.17	0.049		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	0.14		0.080	0.040
1330-20-7	Xylenes, Total	106.17	0.19		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-2 Lab Sample ID: 200-13910-4
 Matrix: Air Lab File ID: eedw024.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:30
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 10:57
 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.: 49025 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	6.6		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	3.3		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	24		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	1.2		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	0.28		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.79		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.43		0.19	0.19
71-43-2	Benzene	78.11	0.86		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	0.39		0.16	0.16
79-01-6	Trichloroethene	131.39	0.44		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	1.1		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	0.93		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.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: IA-2 Lab Sample ID: 200-13910-4
Matrix: Air Lab File ID: eed024.d
Analysis Method: TO15 LL Date Collected: 11/27/2012 17:30
Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 10:57
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.: 49025 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.20		0.17	0.17
95-47-6	o-Xylene	106.17	0.21		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	0.60		0.35	0.17
1330-20-7	Xylenes, Total	106.17	0.81		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-4
Client Smp ID: IA-2
Inj Date : 05-DEC-2012 10:57
Operator : wrd
Smp Info : 200-13910-A-4
Misc Info : 125,4,to1511
Comment :
Method : /chem/E.i/Esvr.p/eeddto15.b/to15113t.m
Meth Date : 05-Dec-2012 14:23 wrd
Cal Date : 02-NOV-2012 18:20
Als bottle: 16
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: eew012.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)	182160	0.33159	1.3
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		5.105	5.111	(0.513)	148578	0.14670	0.59
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.234	6.245	(0.627)	32054	0.03822	0.15(a)
19 1,1-Dichloroethene	96					Compound Not Detected.		
22 Allyl chloride	41					Compound Not Detected.		
25 Methylene chloride	49		7.390	7.390	(0.743)	476511	1.74957	7.0
27 1,2-Dichloroethene (trans)	61					Compound Not Detected.		
28 Methyl tert-butyl ether	73					Compound Not Detected.		

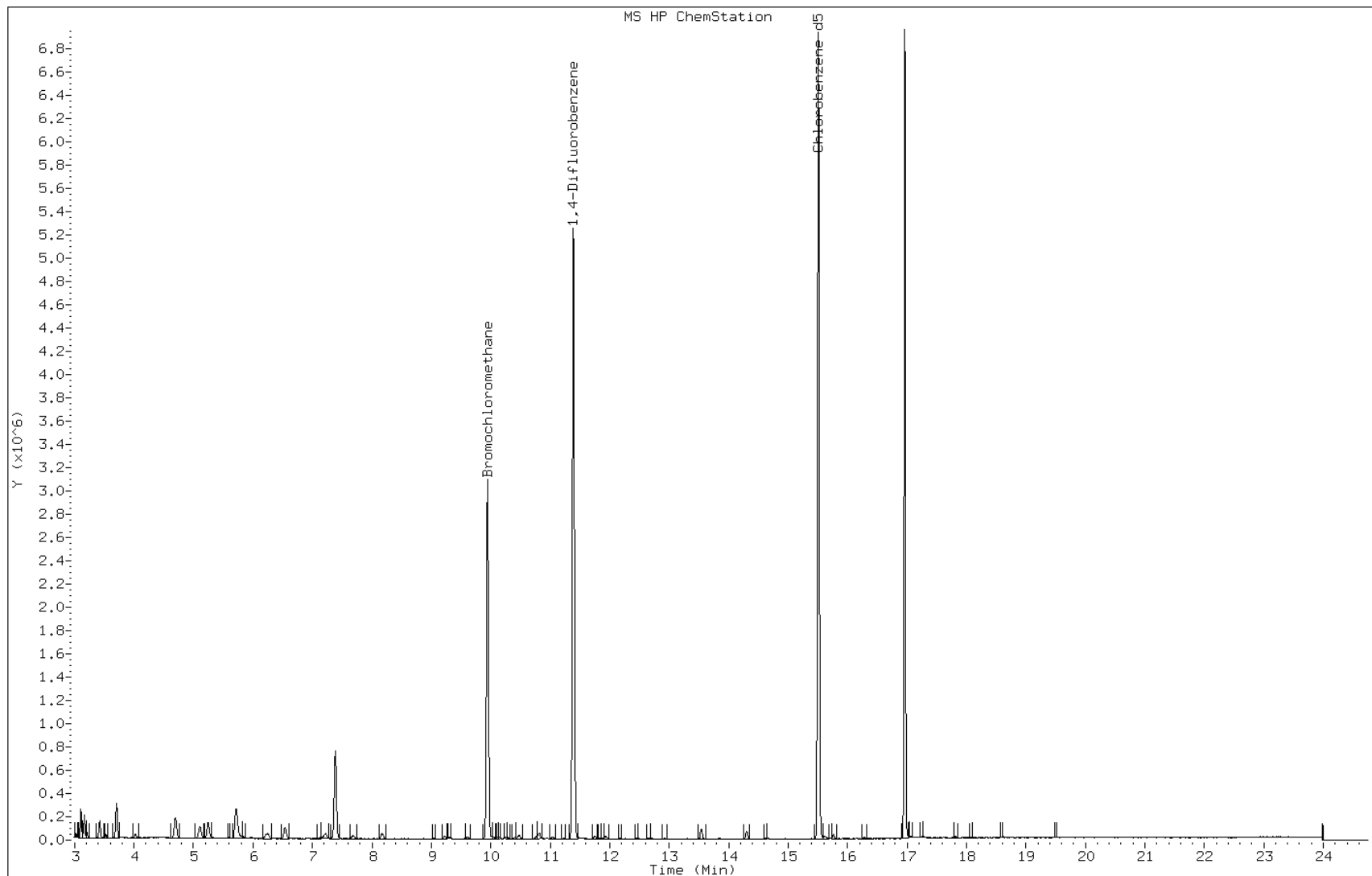
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/vv)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.171	8.171	(0.821)	36201	0.08612	0.34(Q)
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61				3793	0.00968	0.039(a)
34 1,2-Dichloroethene (cis)	96	9.572	9.572	(0.962)	3793	0.00968	0.039(a)
* 36 Bromochloromethane	128	9.947	9.947	(1.000)	1520647	2.00000	
39 Chloroform	83	10.027	10.038	(1.008)	6125	0.00985	0.039(a)
40 Cyclohexane	84	10.262	10.279	(0.901)	11650	0.02057	0.082(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.476	10.476	(0.920)	29445	0.03144	0.12
43 2,2,4-Trimethylpentane	57	10.765	10.776	(0.945)	27750	0.02321	0.093
44 Benzene	78	10.814	10.819	(0.950)	63647	0.06727	0.27
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.033	11.044	(0.969)	8982	0.02399	0.096
* 47 1,4-Difluorobenzene	114	11.386	11.391	(1.000)	6778504	2.00000	
49 Trichloroethene	95	11.750	11.750	(1.032)	10782	0.02031	0.081
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	13.547	13.547	(0.874)	49683	0.07566	0.30
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.302	14.307	(0.922)	28729	0.03431	0.14
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.505	15.511	(1.000)	5982767	2.00000	
67 Ethylbenzene	91	15.612	15.618	(1.007)	13138	0.01146	0.046
69 Xylene (m,p)	106	15.762	15.767	(1.017)	16211	0.03429	0.14
M 70 Xylene, Total	106				21790	0.04650	0.18
71 Xylene (o)	106	16.286	16.281	(1.050)	5579	0.01221	0.049
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	17.372	17.378	(1.120)	3080	0.00518	0.021(a)

QC Flag Legend

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

Data File: eewd024.d
Client ID: IA-2
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-4
Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

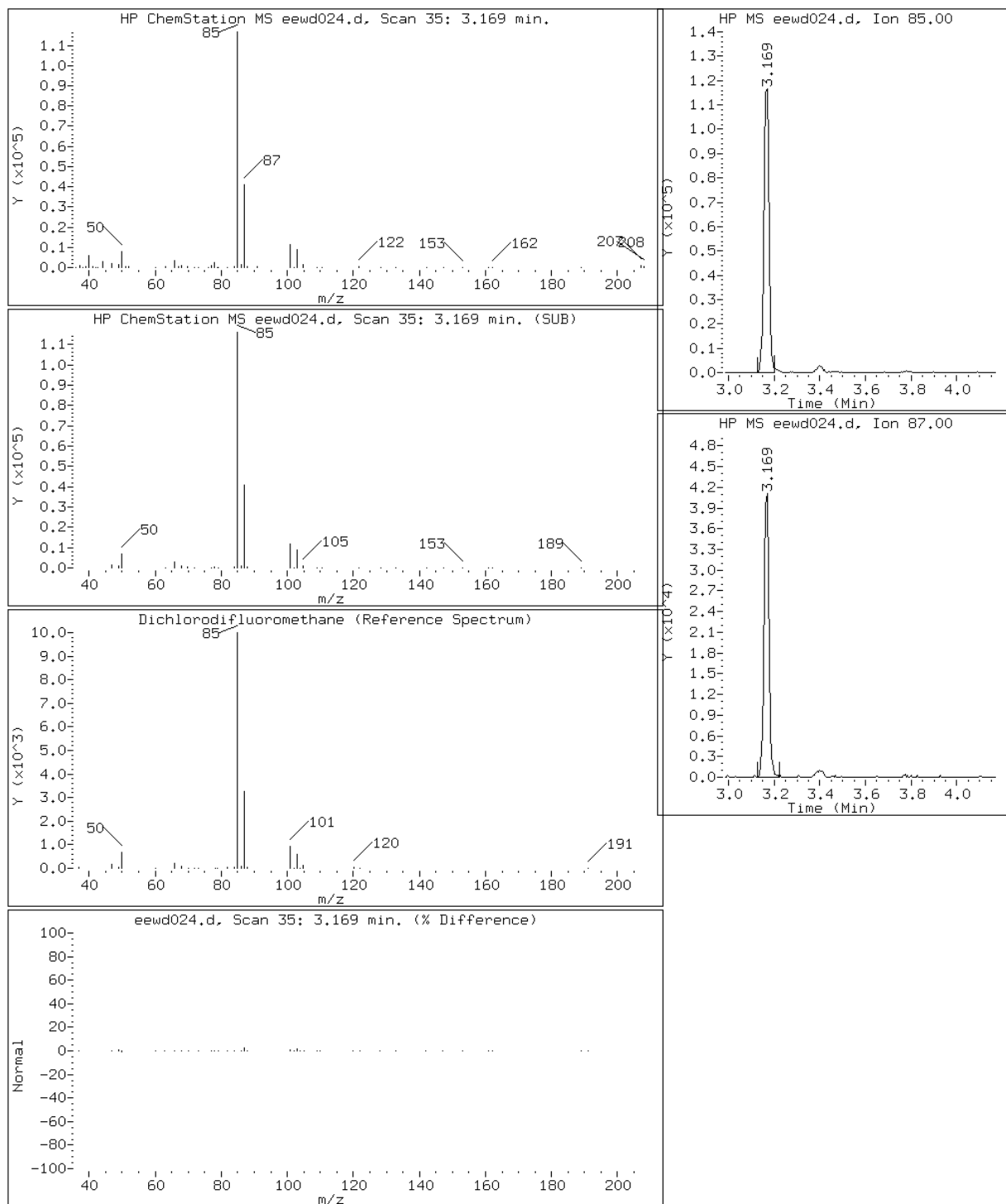
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

2 Dichlorodifluoromethane



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

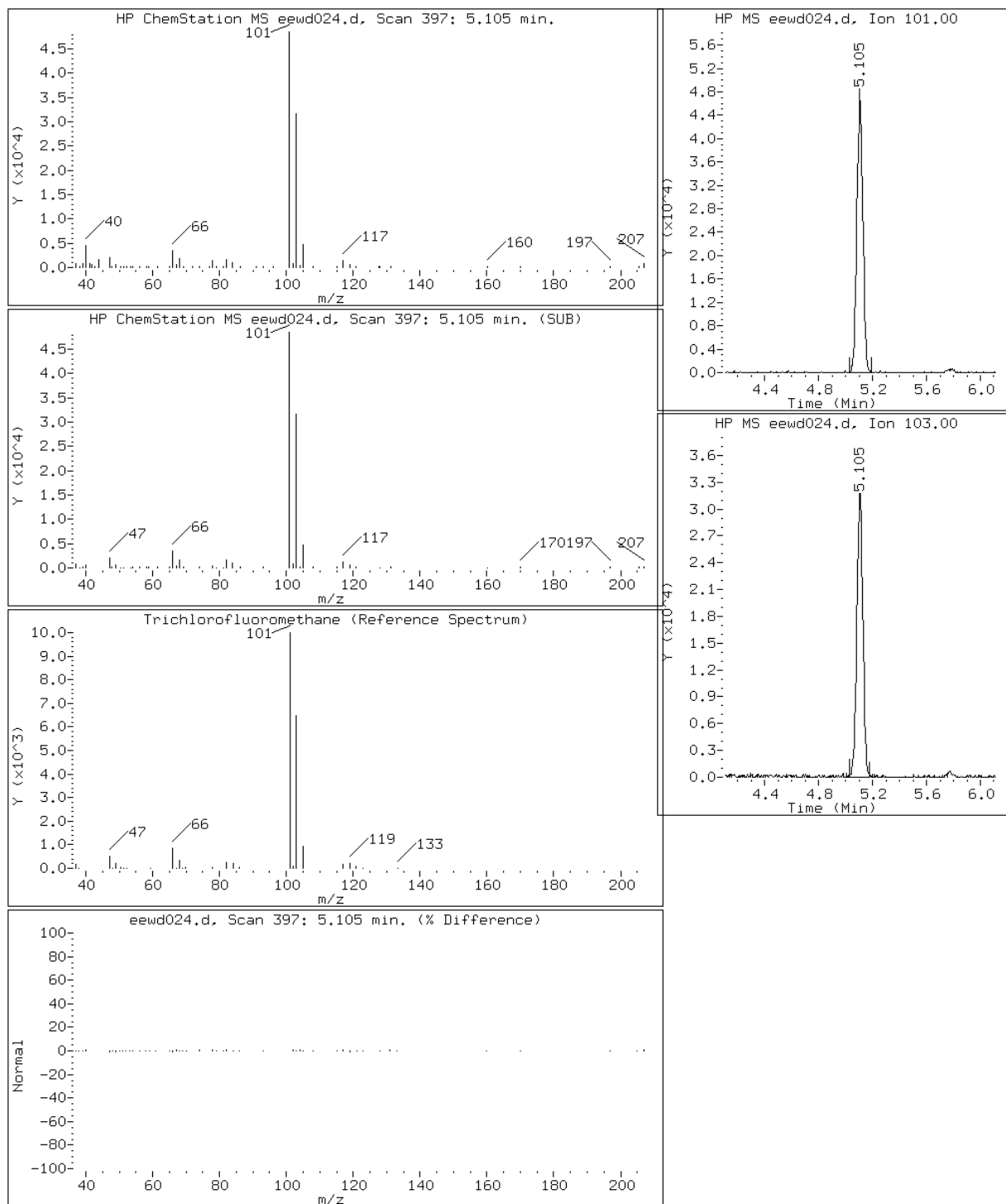
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

13 Trichlorofluoromethane



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

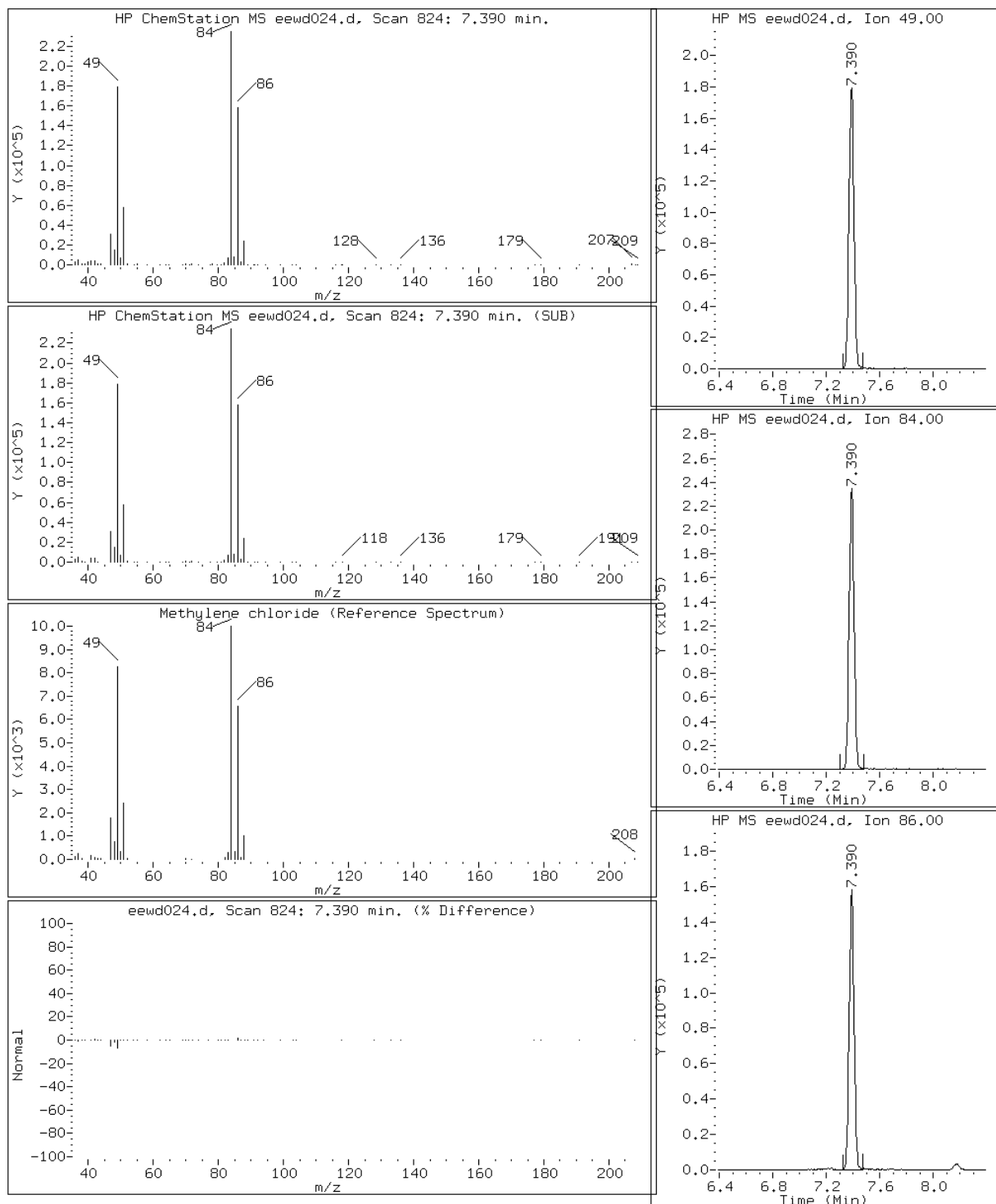
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

25 Methylene chloride



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

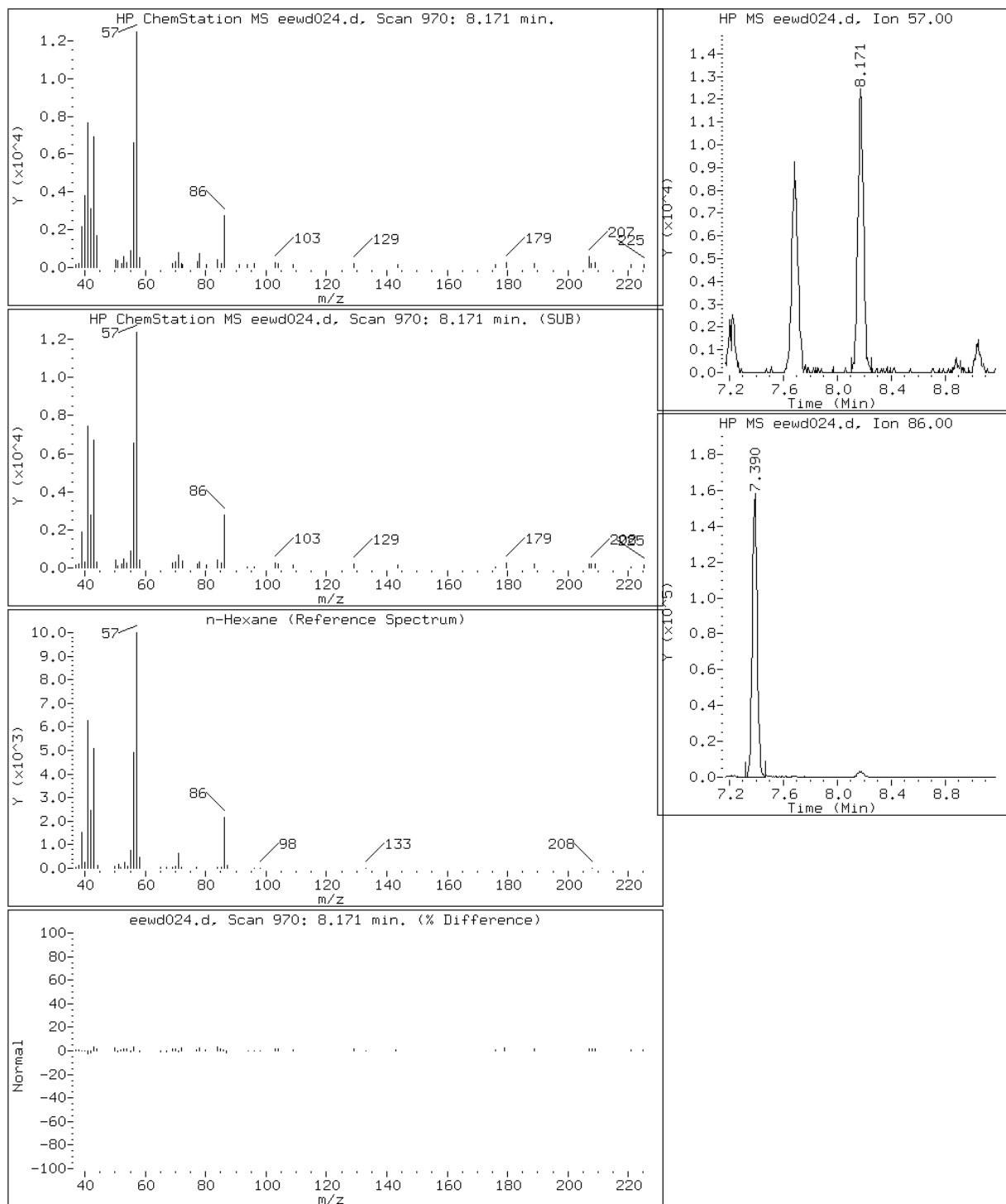
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

30 n-Hexane



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

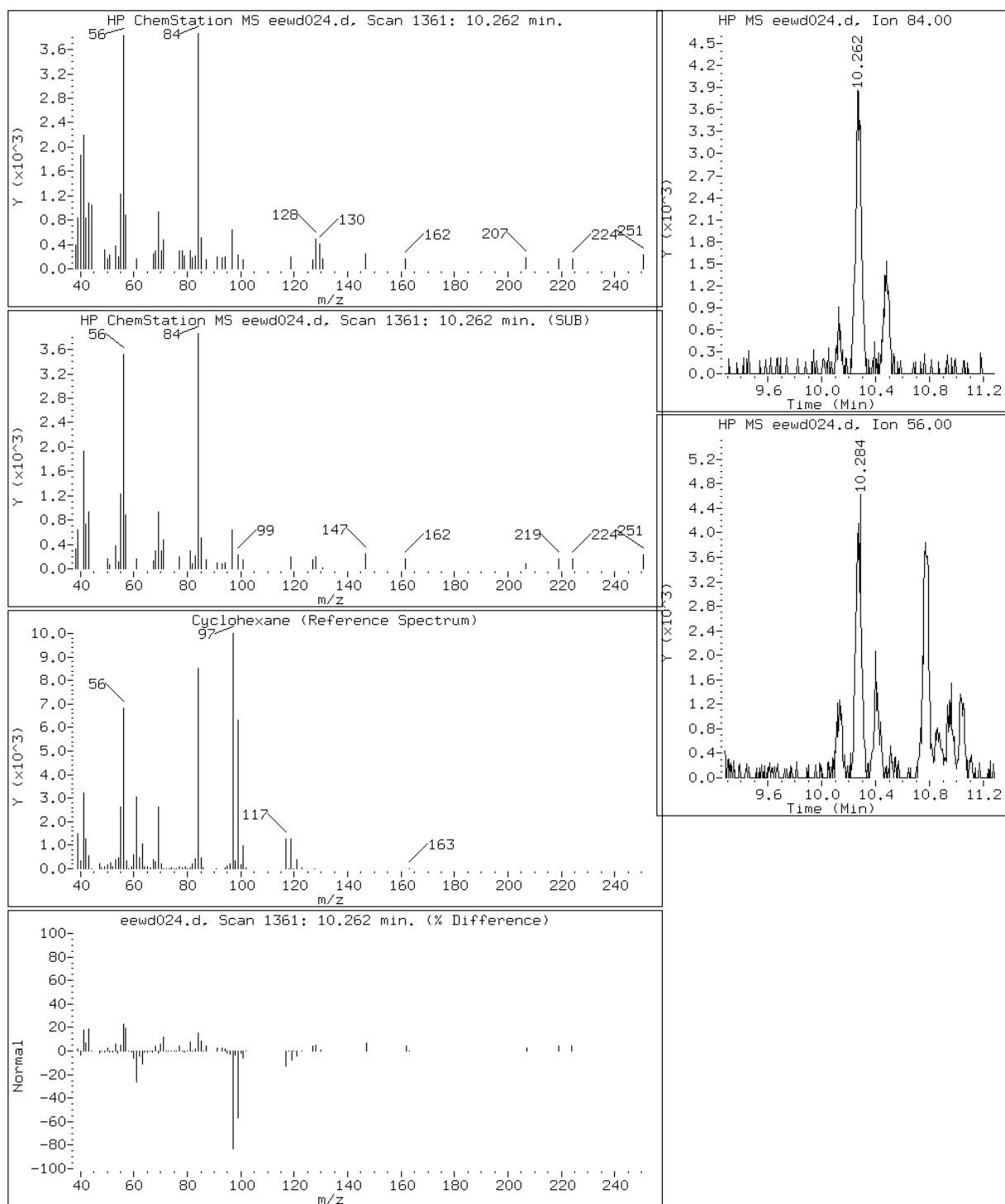
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

40 Cyclohexane



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

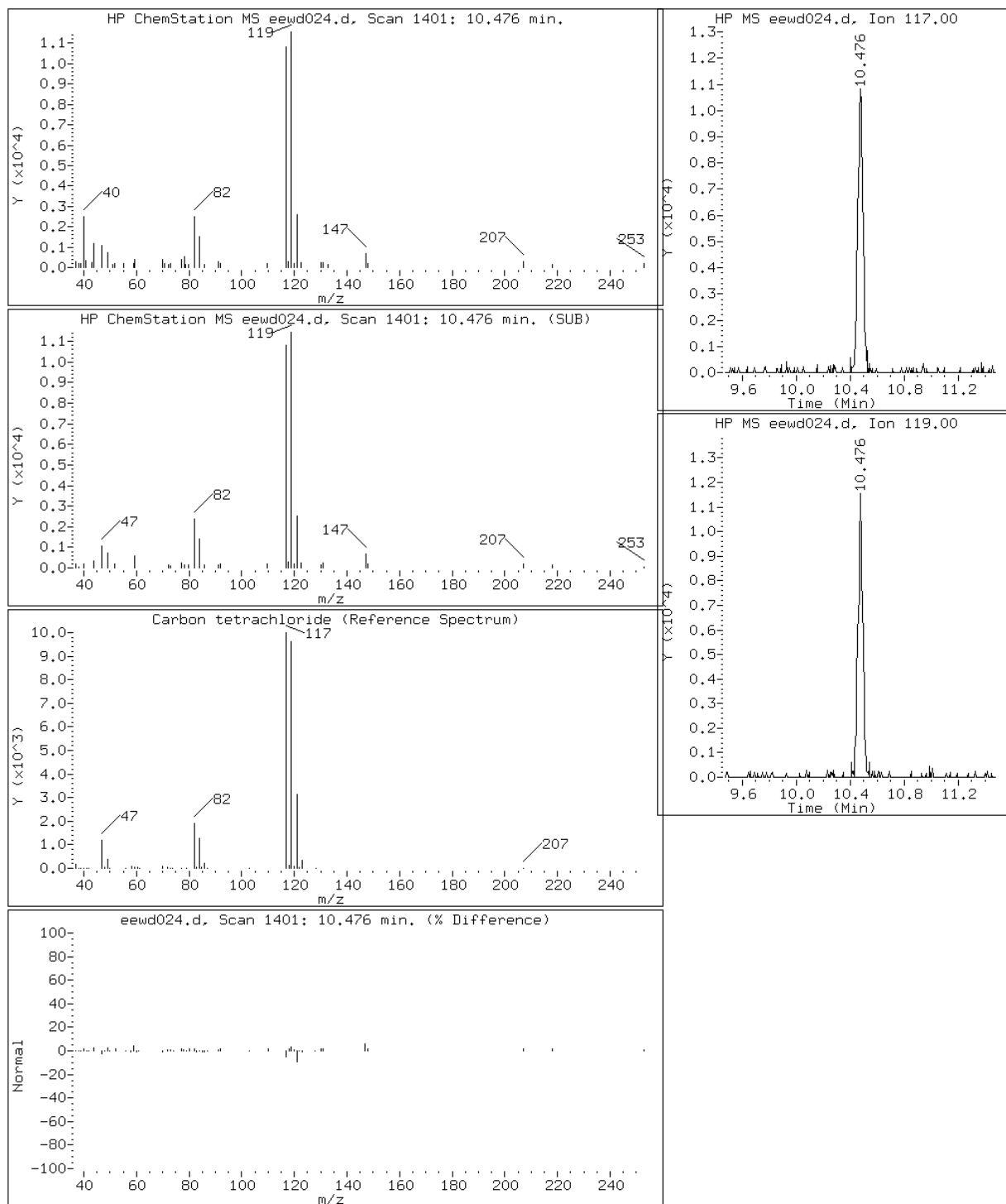
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

42 Carbon tetrachloride



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

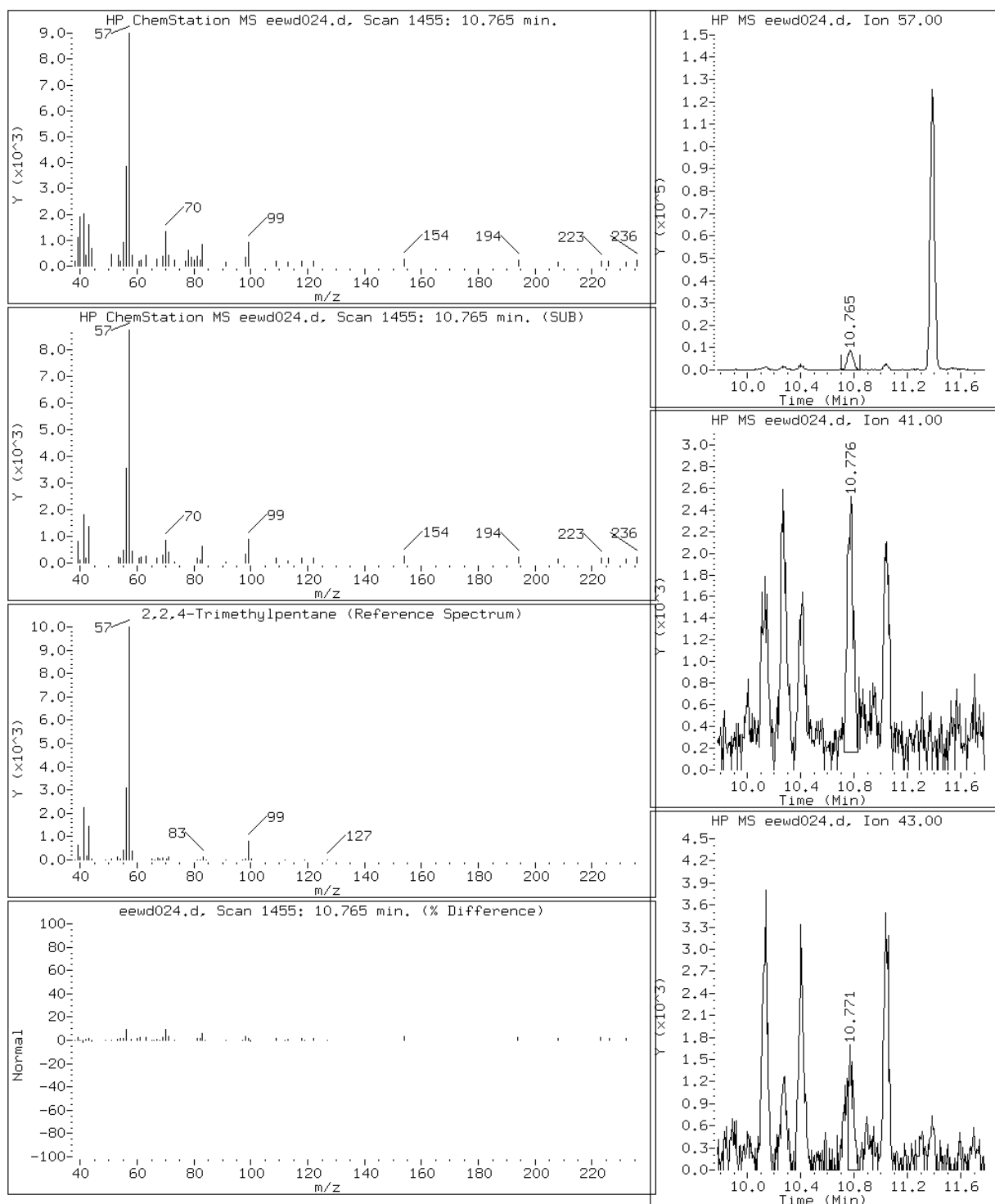
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

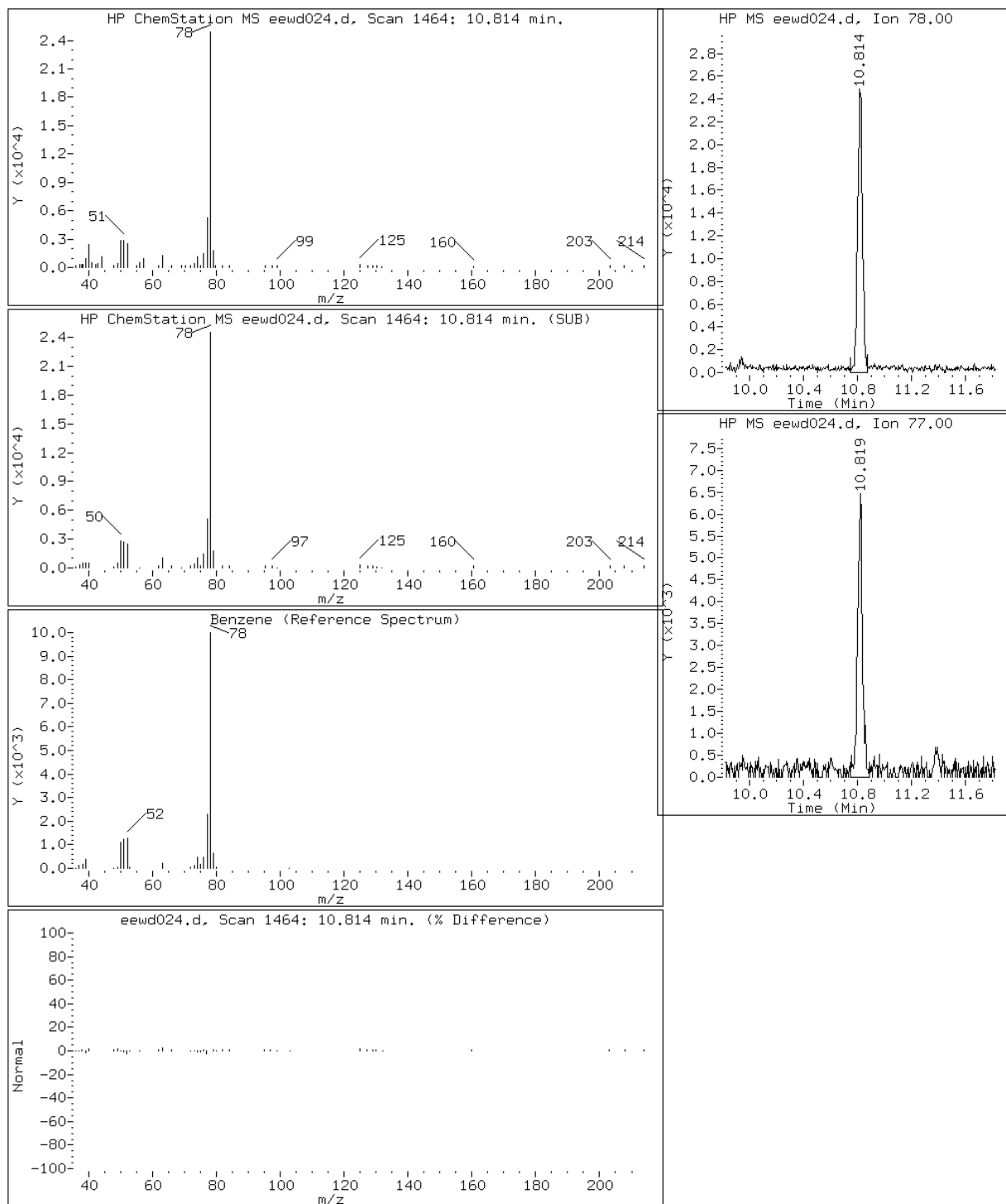
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

44 Benzene



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

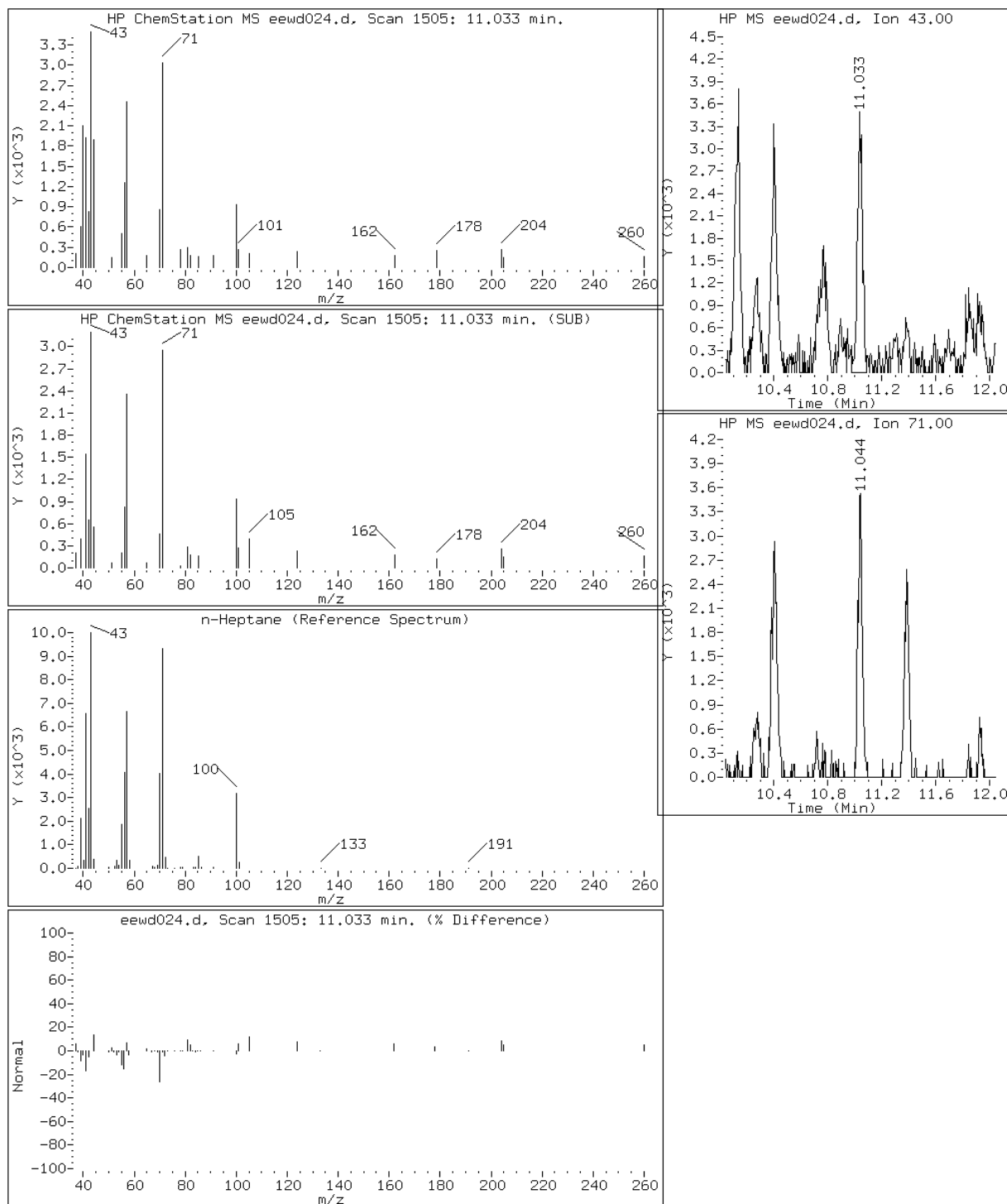
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

46 n-Heptane



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

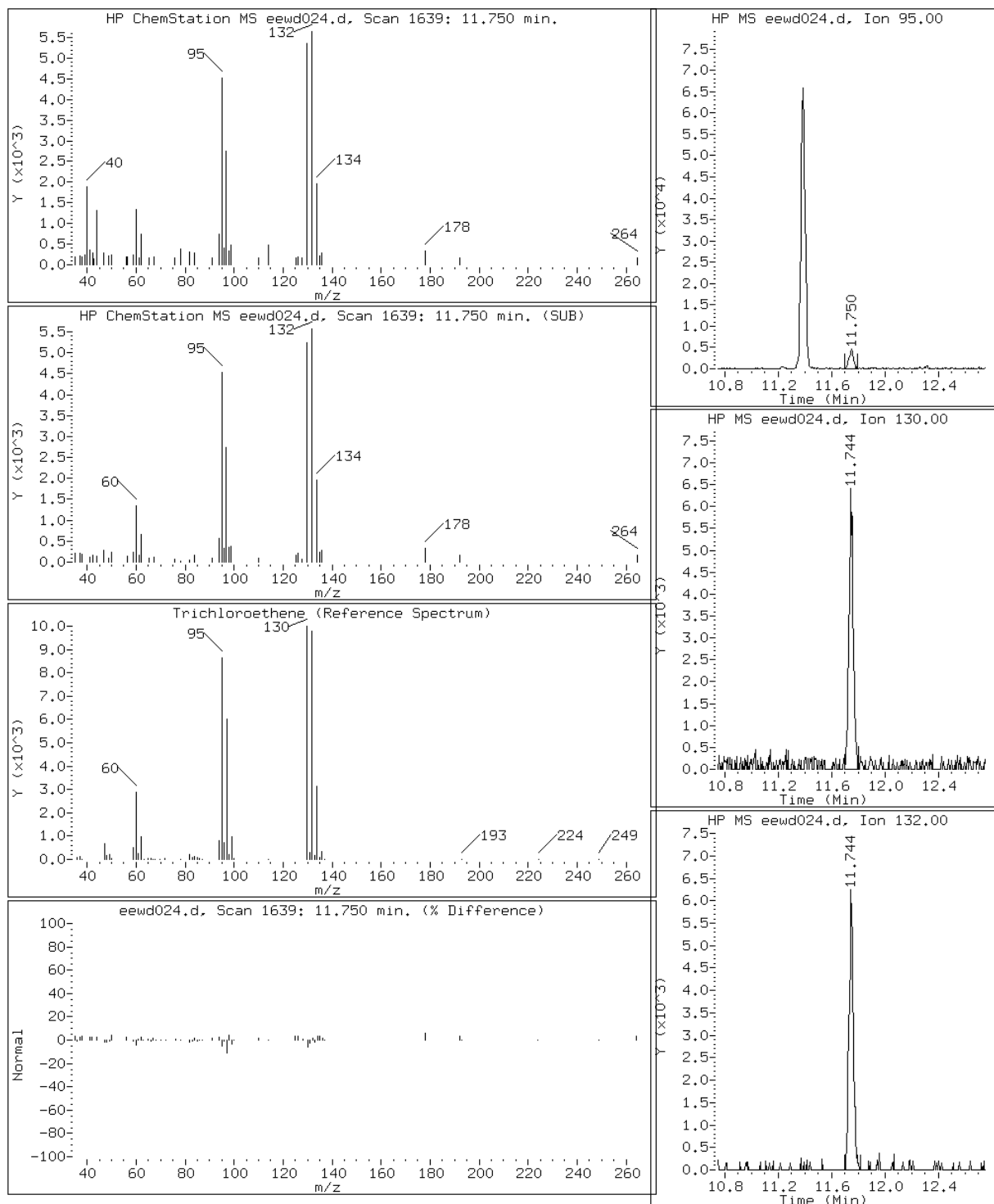
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

49 Trichloroethene



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

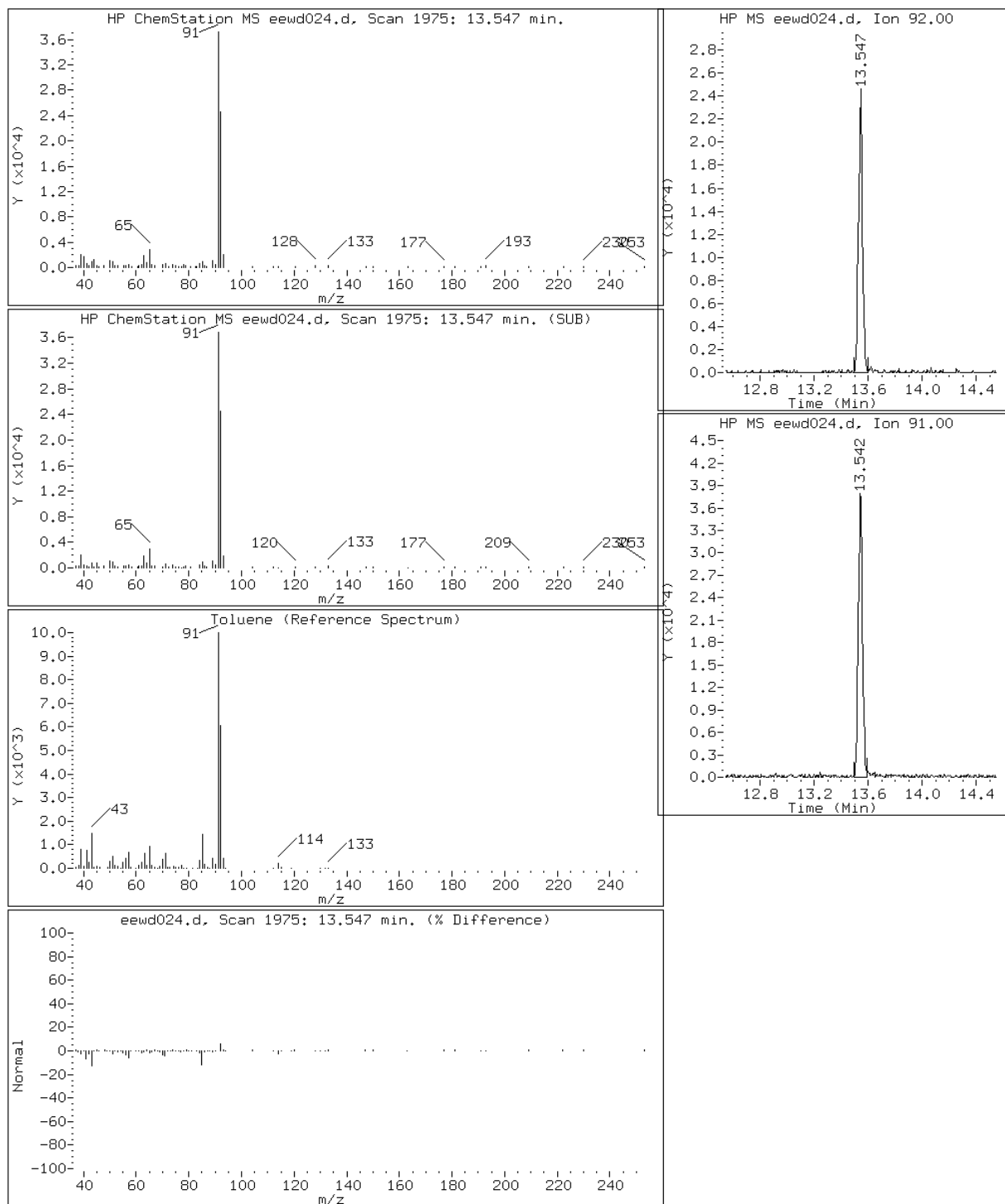
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

58 Toluene



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

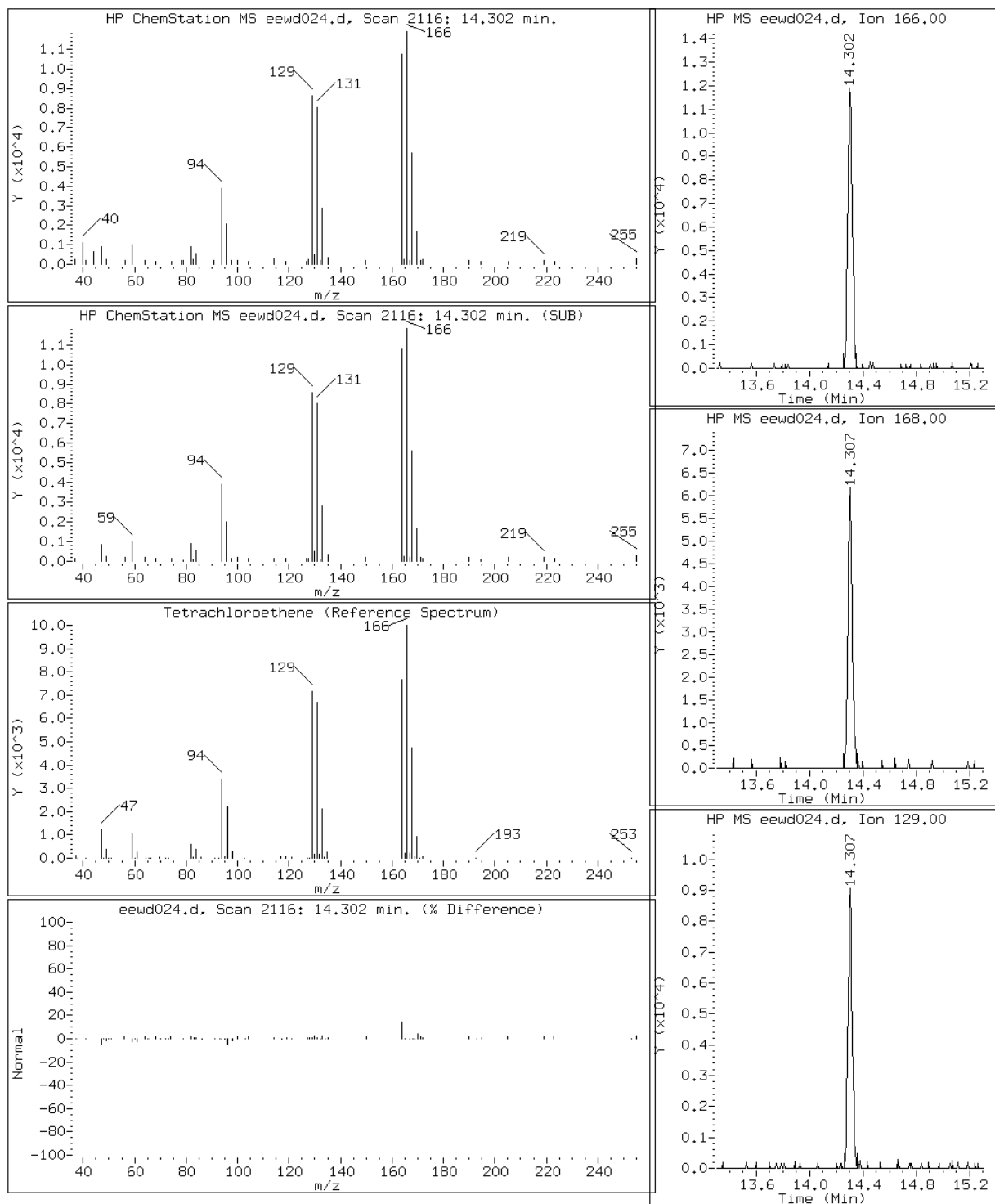
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

61 Tetrachloroethene



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

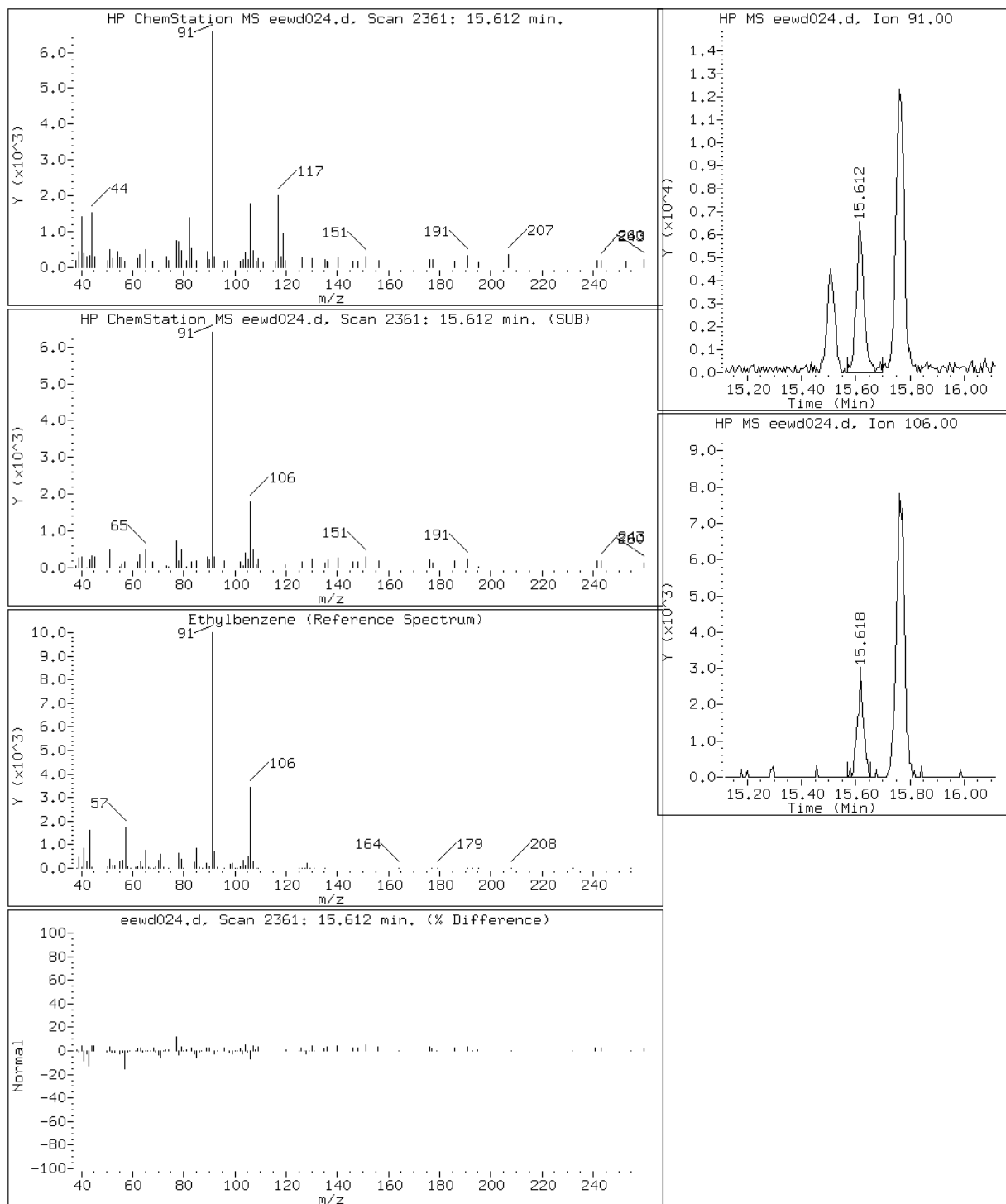
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

67 Ethylbenzene



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

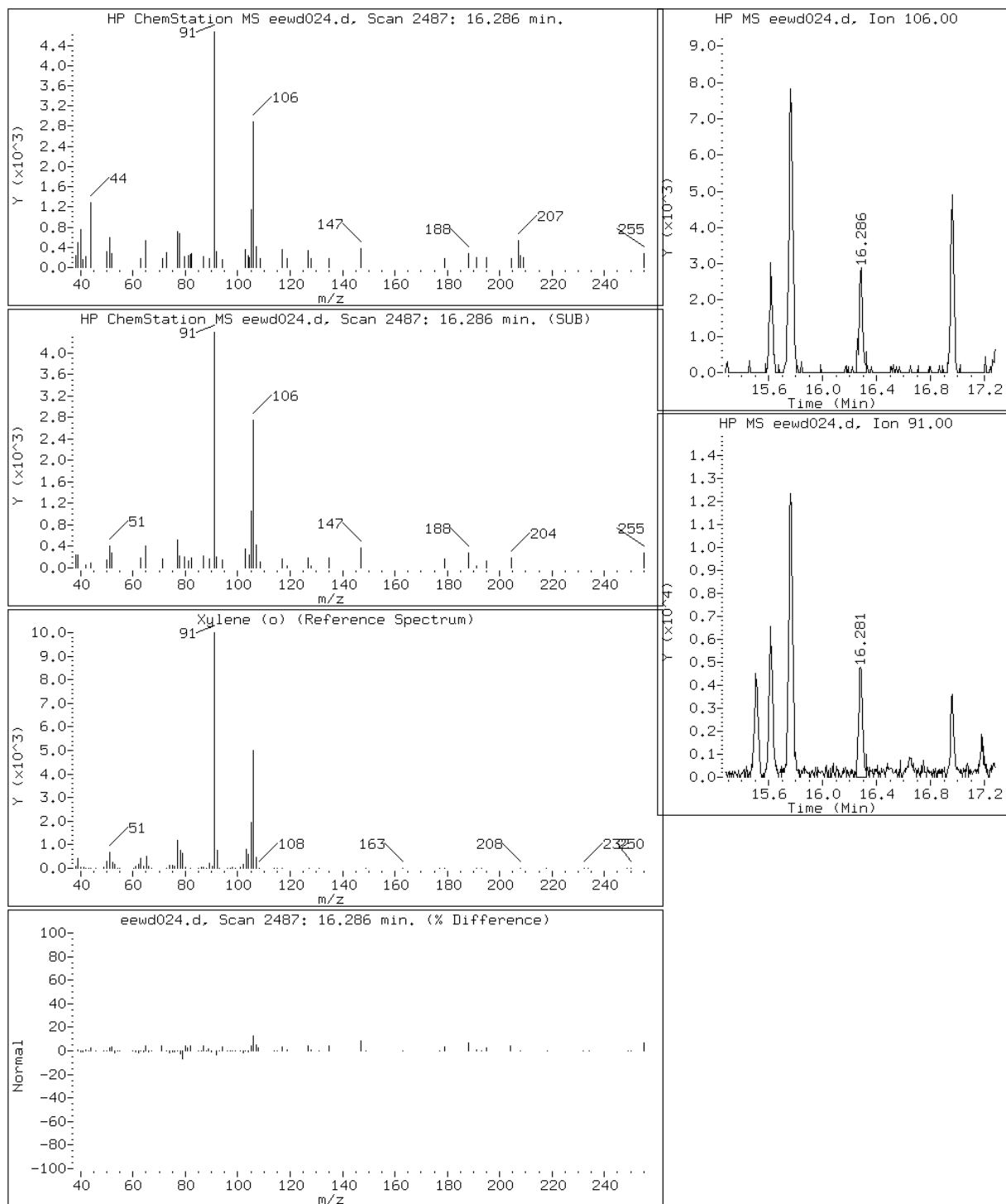
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

71 Xylene (o)



Data File: eewd024.d

Lab Sample ID: 200-13910-4

Date: 05-DEC-2012 10:57

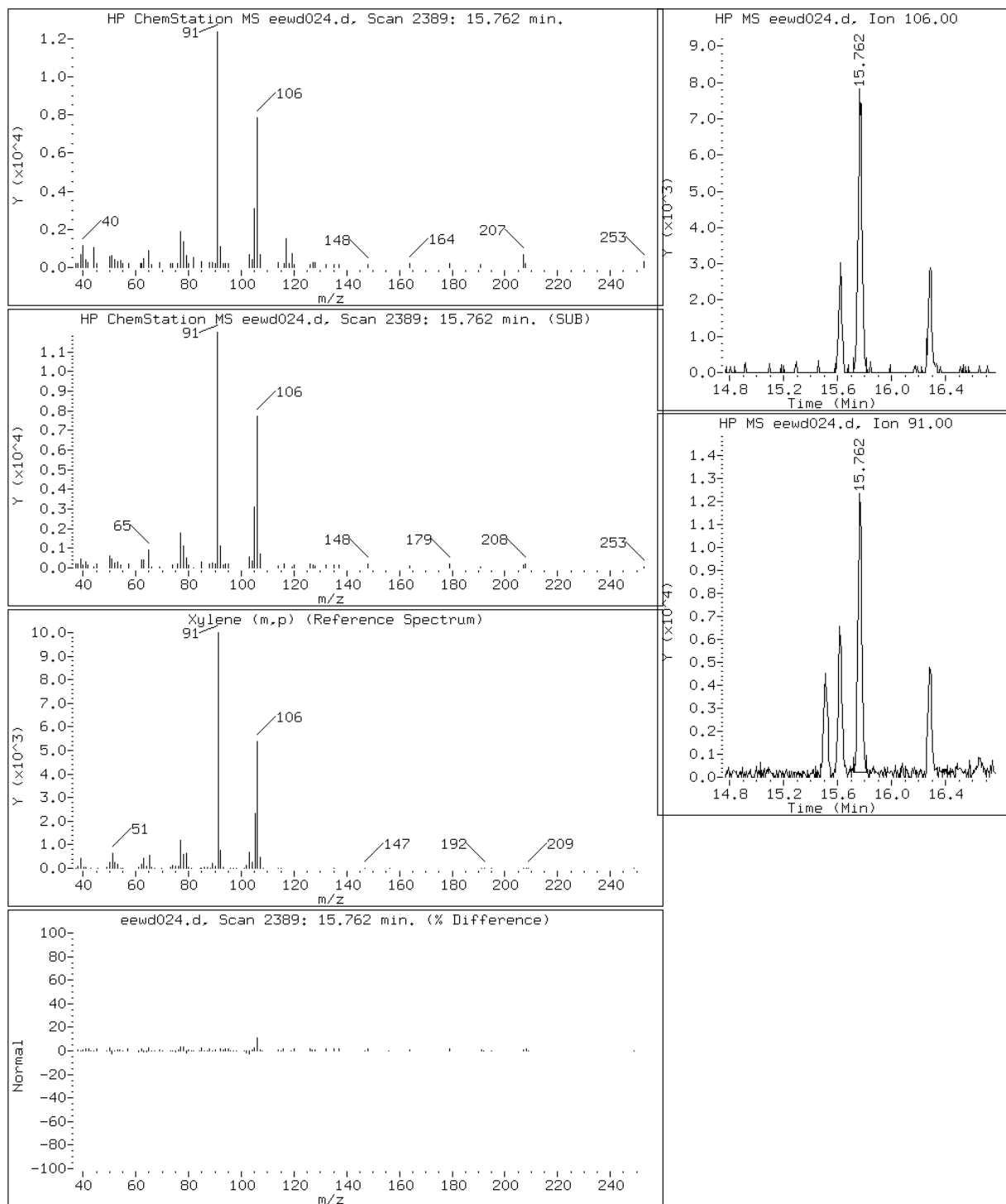
Client ID: IA-2

Instrument: E.i

Sample Info: 200-13910-A-4

Operator: wrd

69 Xylene (m,p)



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-3 Lab Sample ID: 200-13910-6
 Matrix: Air Lab File ID: eezd017.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:12
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 04:35
 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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.63		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	0.37		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	0.30		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	0.083		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.071		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.11		0.040	0.040
71-43-2	Benzene	78.11	0.23		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	0.11		0.040	0.040
79-01-6	Trichloroethene	131.39	0.090		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	0.30		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	0.16		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.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: IA-3 Lab Sample ID: 200-13910-6
Matrix: Air Lab File ID: eezd017.d
Analysis Method: TO15 LL Date Collected: 11/27/2012 17:12
Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 04:35
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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.046		0.040	0.040
95-47-6	o-Xylene	106.17	0.054		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	0.15		0.080	0.040
1330-20-7	Xylenes, Total	106.17	0.21		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-3 Lab Sample ID: 200-13910-6
 Matrix: Air Lab File ID: eedw017.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:12
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 04:35
 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.: 49025 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.1		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	0.18	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	2.1		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	1.1		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	0.29		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.45		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.53		0.19	0.19
71-43-2	Benzene	78.11	0.74		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	0.45		0.16	0.16
79-01-6	Trichloroethene	131.39	0.48		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	1.1		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	1.1		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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: IA-3 Lab Sample ID: 200-13910-6
 Matrix: Air Lab File ID: eezd017.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 17:12
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 04:35
 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.: 49025 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.20		0.17	0.17
95-47-6	o-Xylene	106.17	0.24		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	0.65		0.35	0.17
1330-20-7	Xylenes, Total	106.17	0.89		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-6
Client Smp ID: IA-3
Inj Date : 05-DEC-2012 04:35
Operator : wrd
Smp Info : 200-13910-A-6
Misc Info : 125,4,to1511
Comment :
Method : /chem/E.i/Esvr.p/eeddto15.b/to15113t.m
Meth Date : 05-Dec-2012 14:23 wrd
Cal Date : 02-NOV-2012 18:20
Als bottle: 1
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: eew012.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)	100256	0.15768	0.63
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	3.811	(0.384)	1669	0.01621	0.065(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.105	5.111	(0.513)	109673	0.09356	0.37
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.250	6.245	(0.628)	20889	0.02152	0.086(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.395	7.390	(0.743)	23762	0.07538	0.30(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

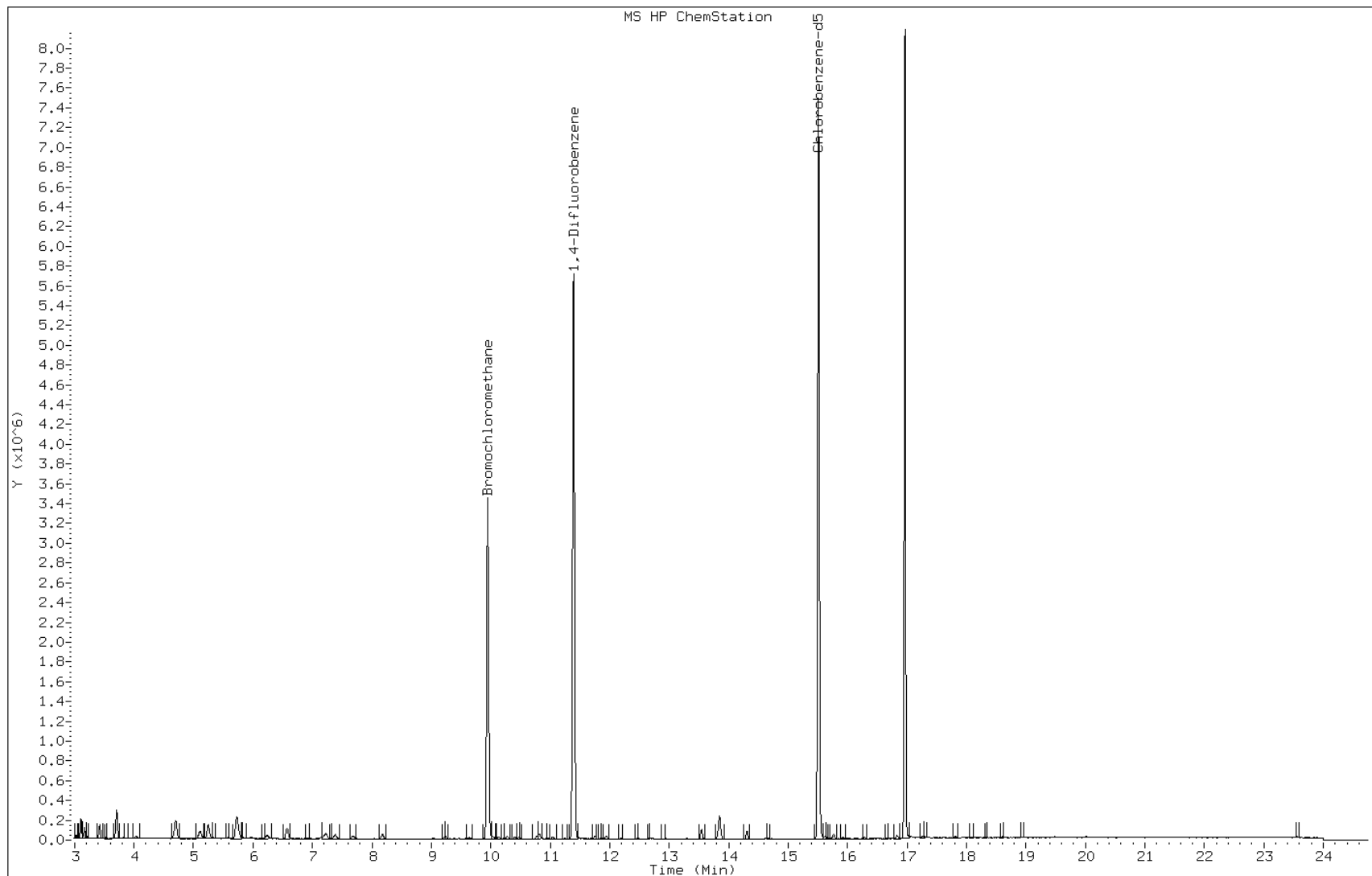
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.176	8.171	(0.822)	37083	0.07622	0.30
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61				3954	0.00872	0.035(a)
34 1,2-Dichloroethene (cis)	96	9.562	9.572	(0.961)	3954	0.00872	0.035(a)
* 36 Bromochloromethane	128	9.947	9.947	(1.000)	1760006	2.00000	
39 Chloroform	83	10.032	10.038	(1.009)	6973	0.00969	0.039(a)
40 Cyclohexane	84	10.273	10.279	(0.902)	12951	0.02079	0.083(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.487	10.476	(0.921)	18343	0.01781	0.071
43 2,2,4-Trimethylpentane	57	10.776	10.776	(0.946)	37221	0.02831	0.11
44 Benzene	78	10.819	10.819	(0.950)	60032	0.05768	0.23
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.049	11.044	(0.970)	11229	0.02727	0.11
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	7456026	2.00000	
49 Trichloroethene	95	11.750	11.750	(1.031)	13177	0.02256	0.090
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	13.547	13.547	(0.873)	53808	0.07524	0.30
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	14.307	14.307	(0.922)	35523	0.03896	0.16
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	15.511	15.511	(1.000)	6515557	2.00000	
67 Ethylbenzene	91	15.623	15.618	(1.007)	14302	0.01145	0.046
69 Xylene (m,p)	106	15.762	15.767	(1.016)	19399	0.03768	0.15
M 70 Xylene, Total	106				26177	0.05130	0.20
71 Xylene (o)	106	16.286	16.281	(1.050)	6778	0.01362	0.054
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	17.378	17.378	(1.120)	4568	0.00705	0.028(a)

QC Flag Legend

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

Data File: eewd017.d
Client ID: IA-3
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-6
Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

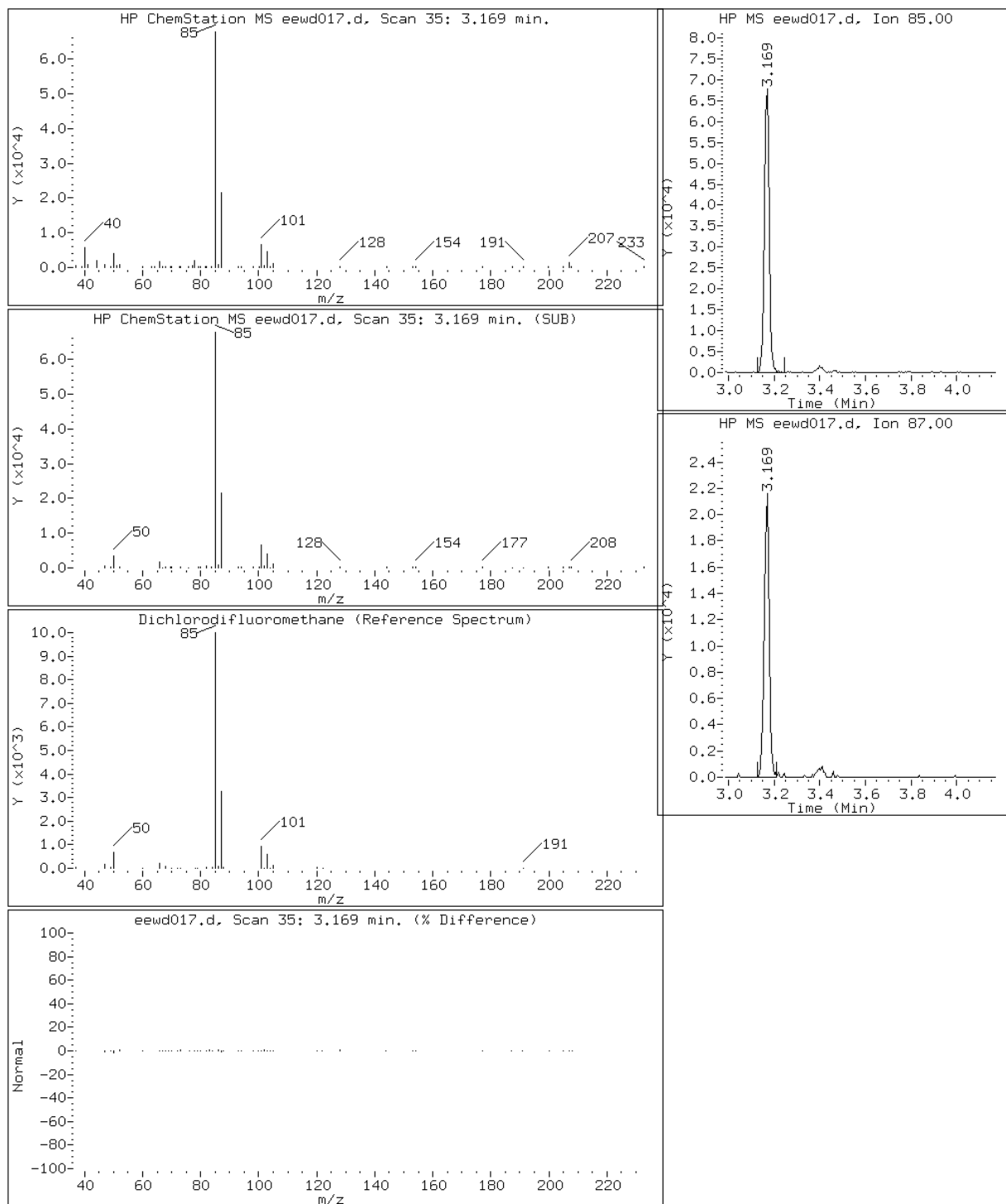
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

2 Dichlorodifluoromethane



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

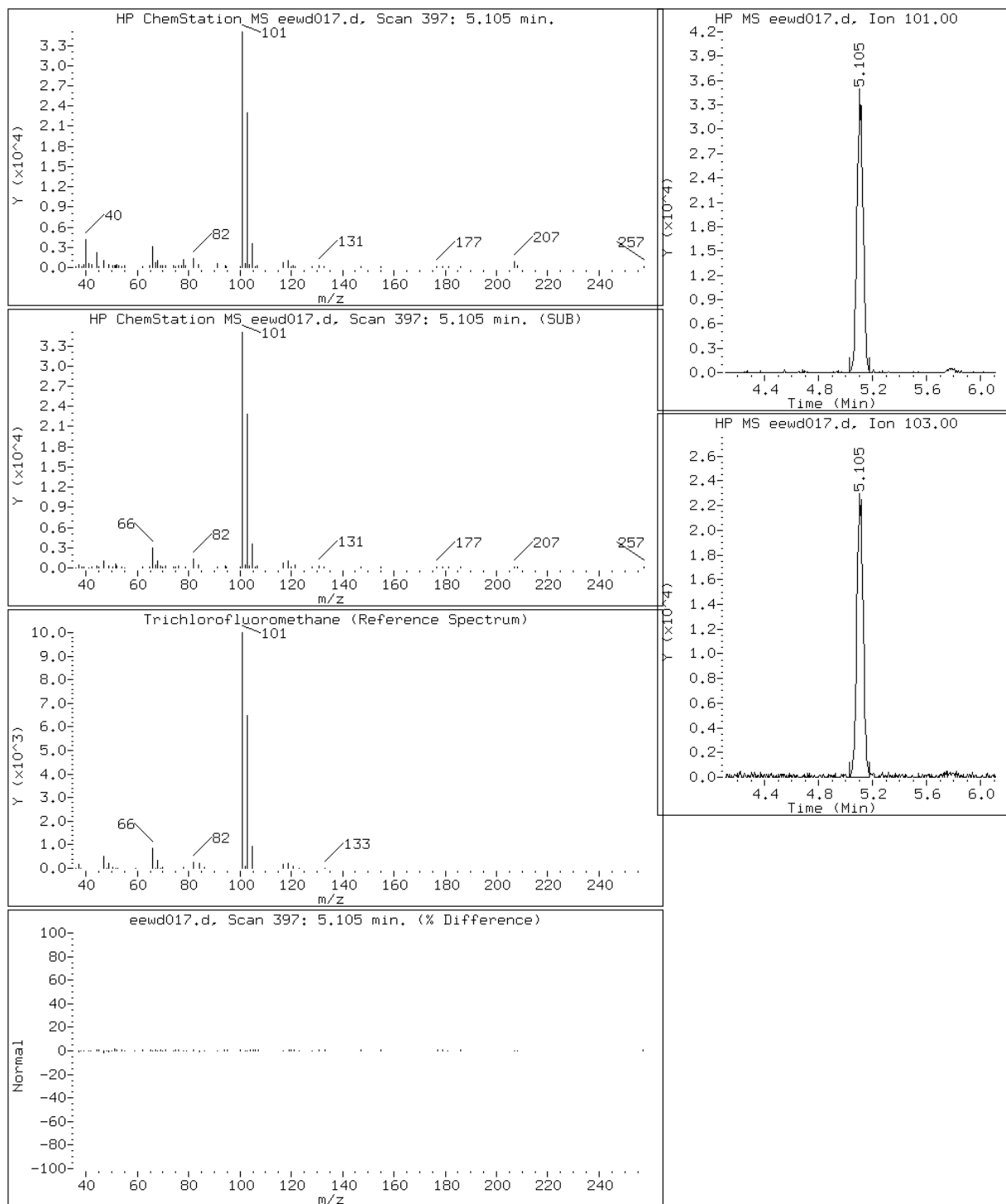
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

13 Trichlorofluoromethane



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

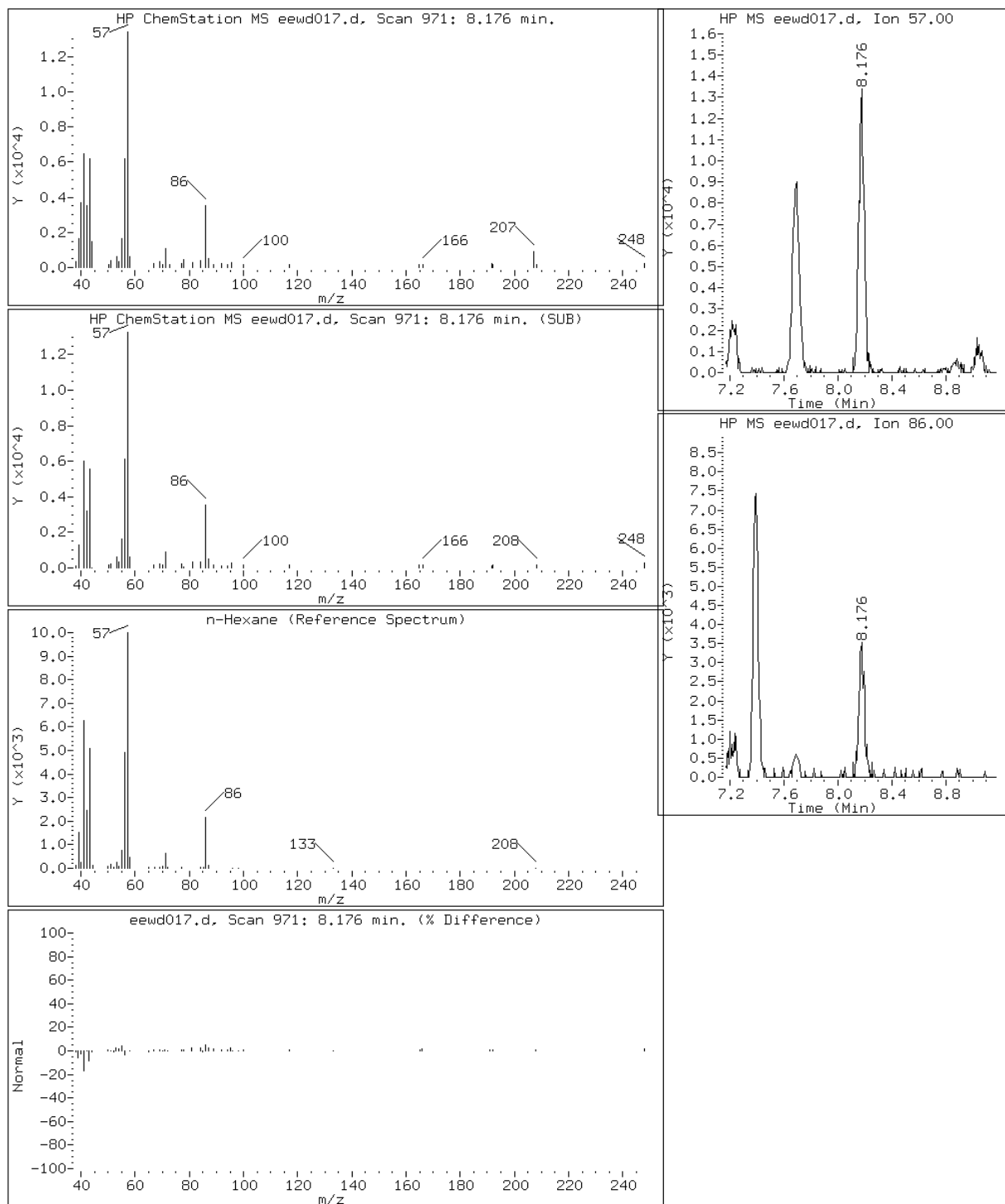
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

30 n-Hexane



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

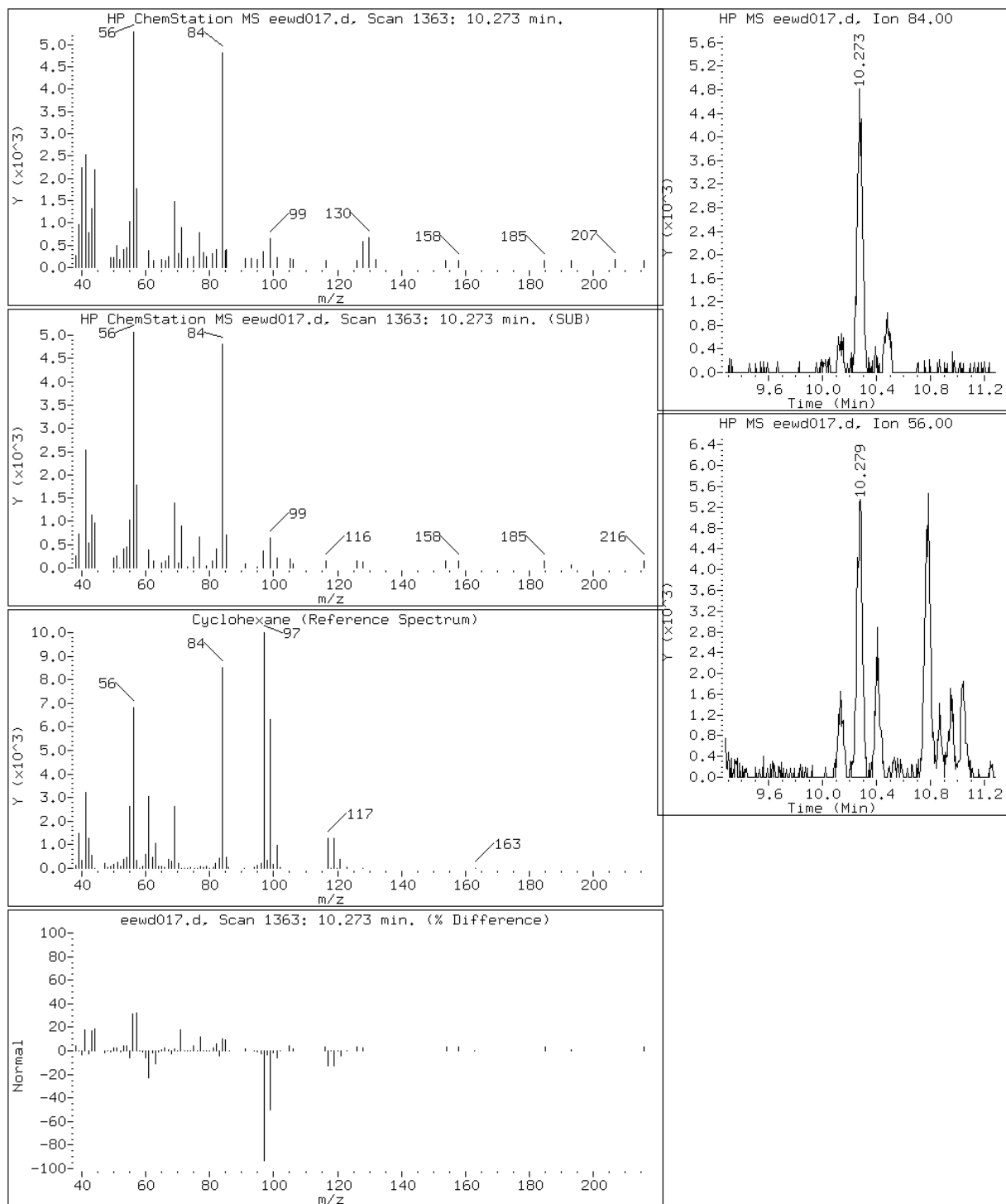
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

40 Cyclohexane



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

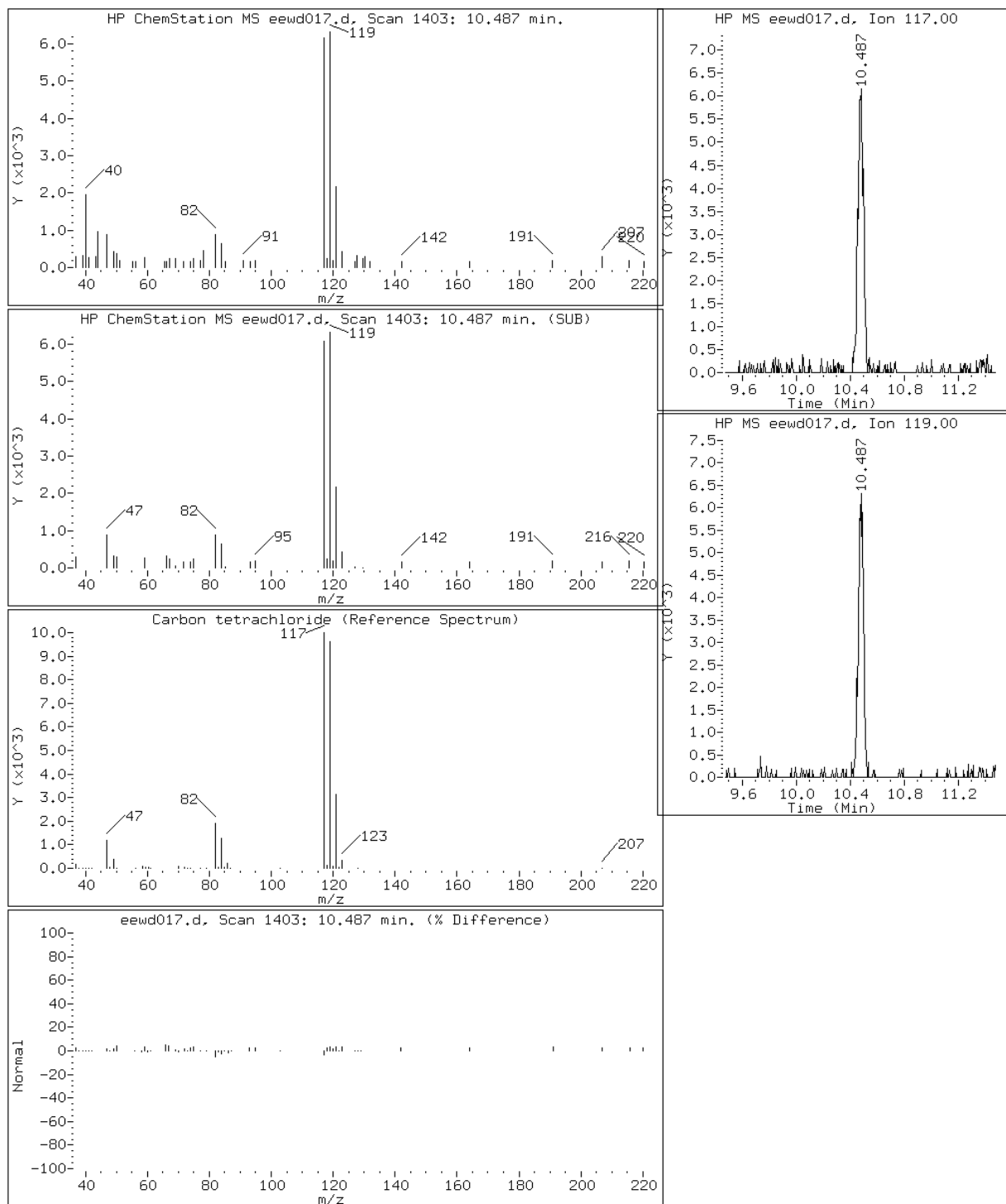
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

42 Carbon tetrachloride



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

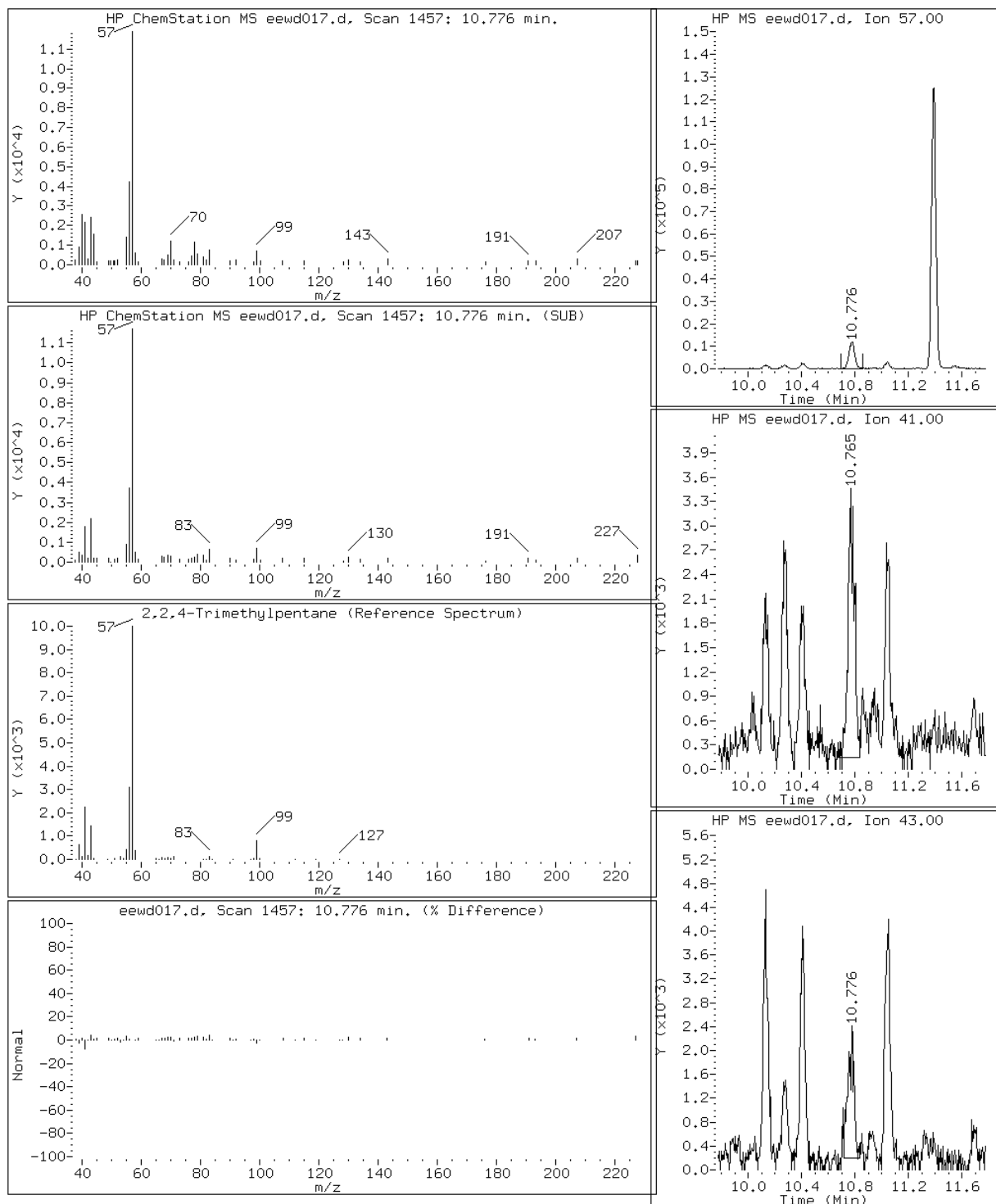
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

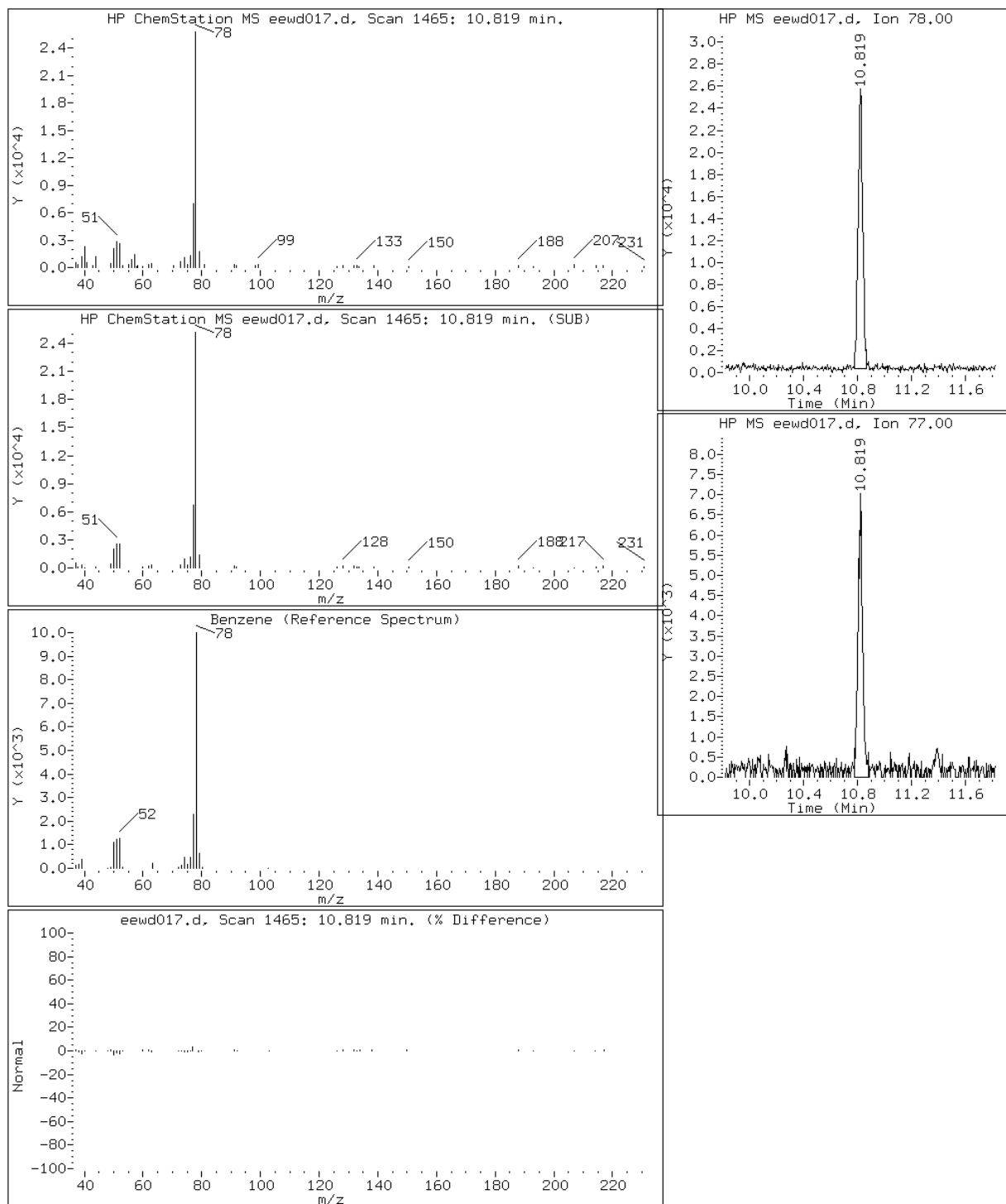
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

44 Benzene



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

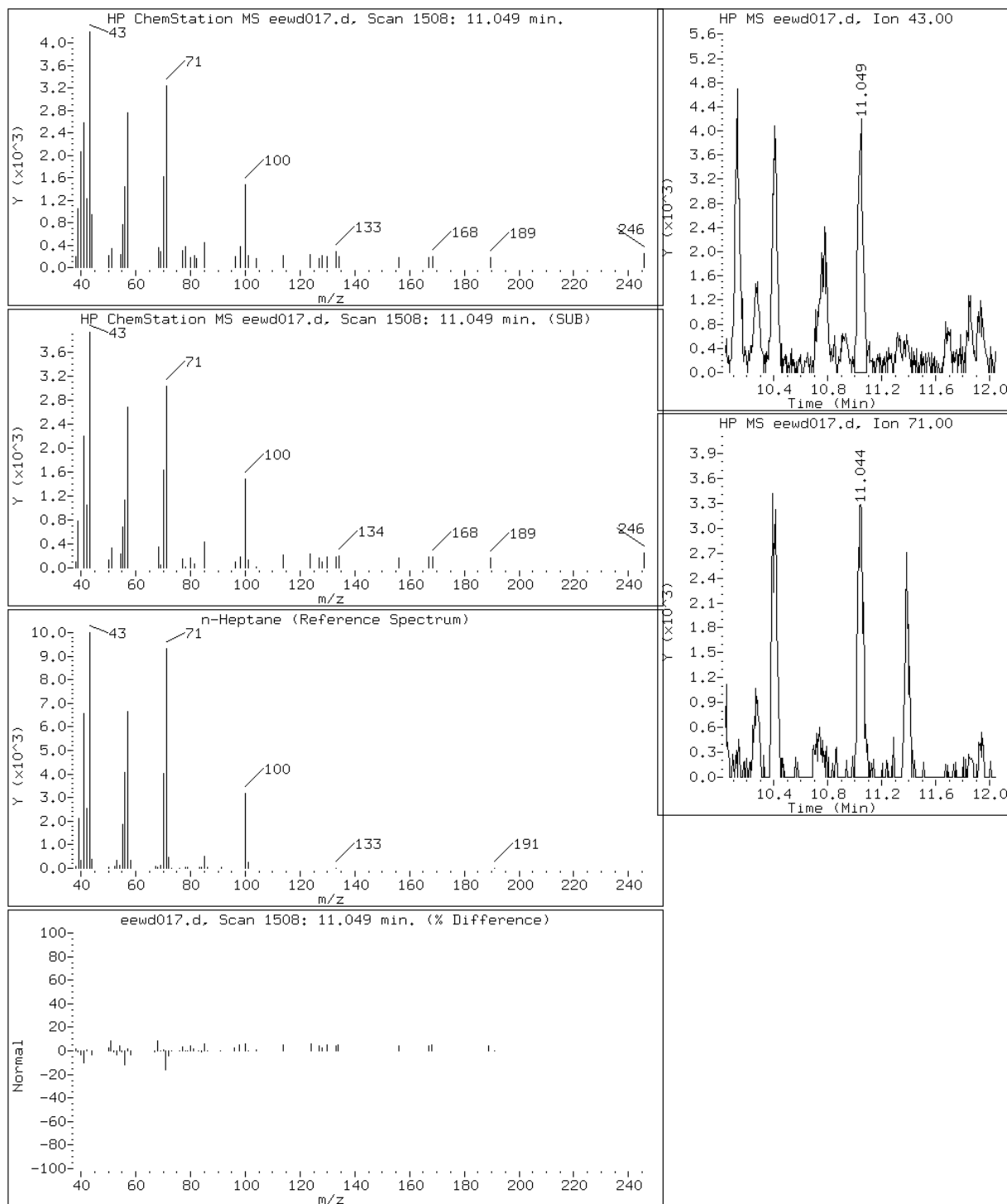
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

46 n-Heptane



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

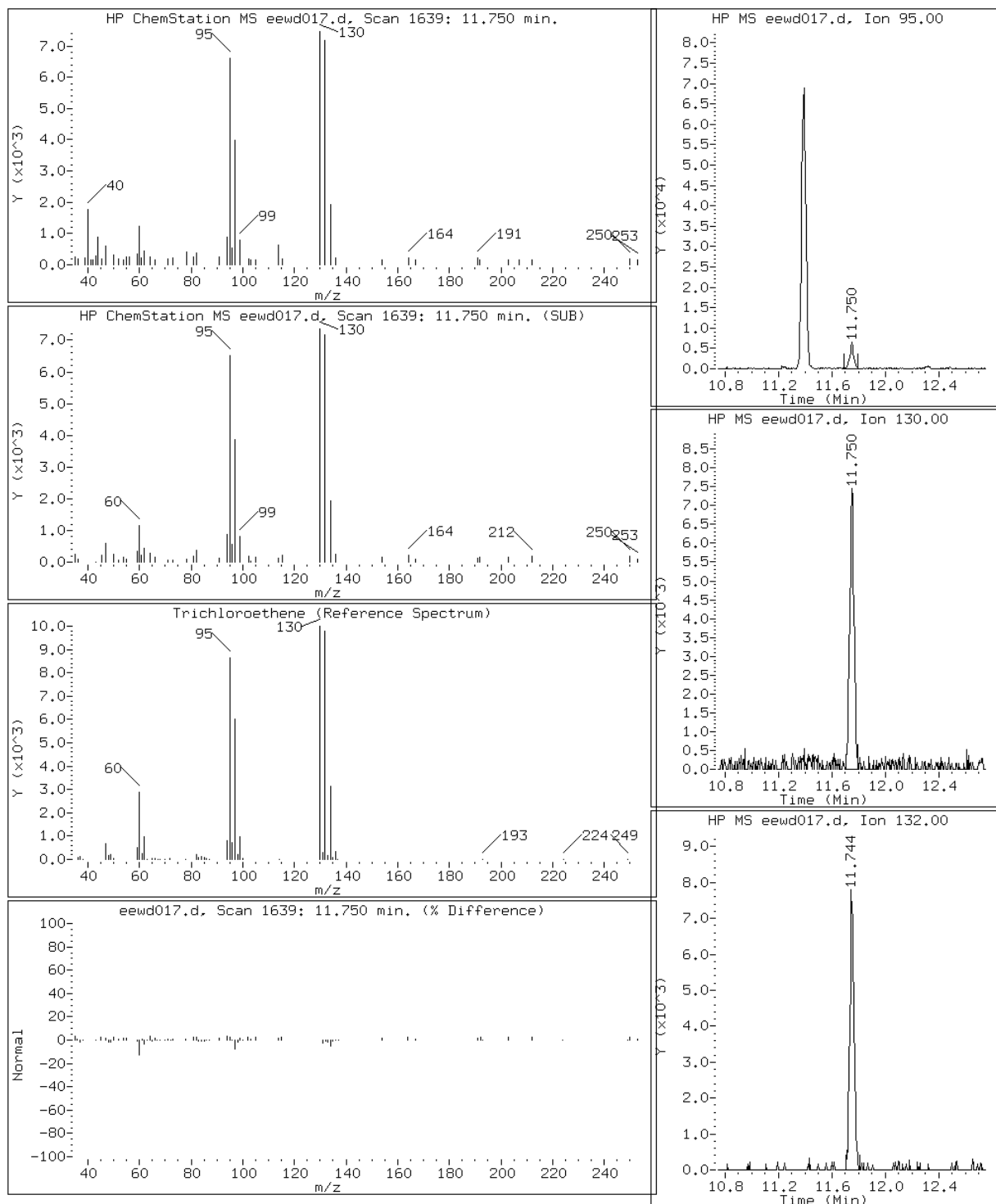
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

49 Trichloroethene



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

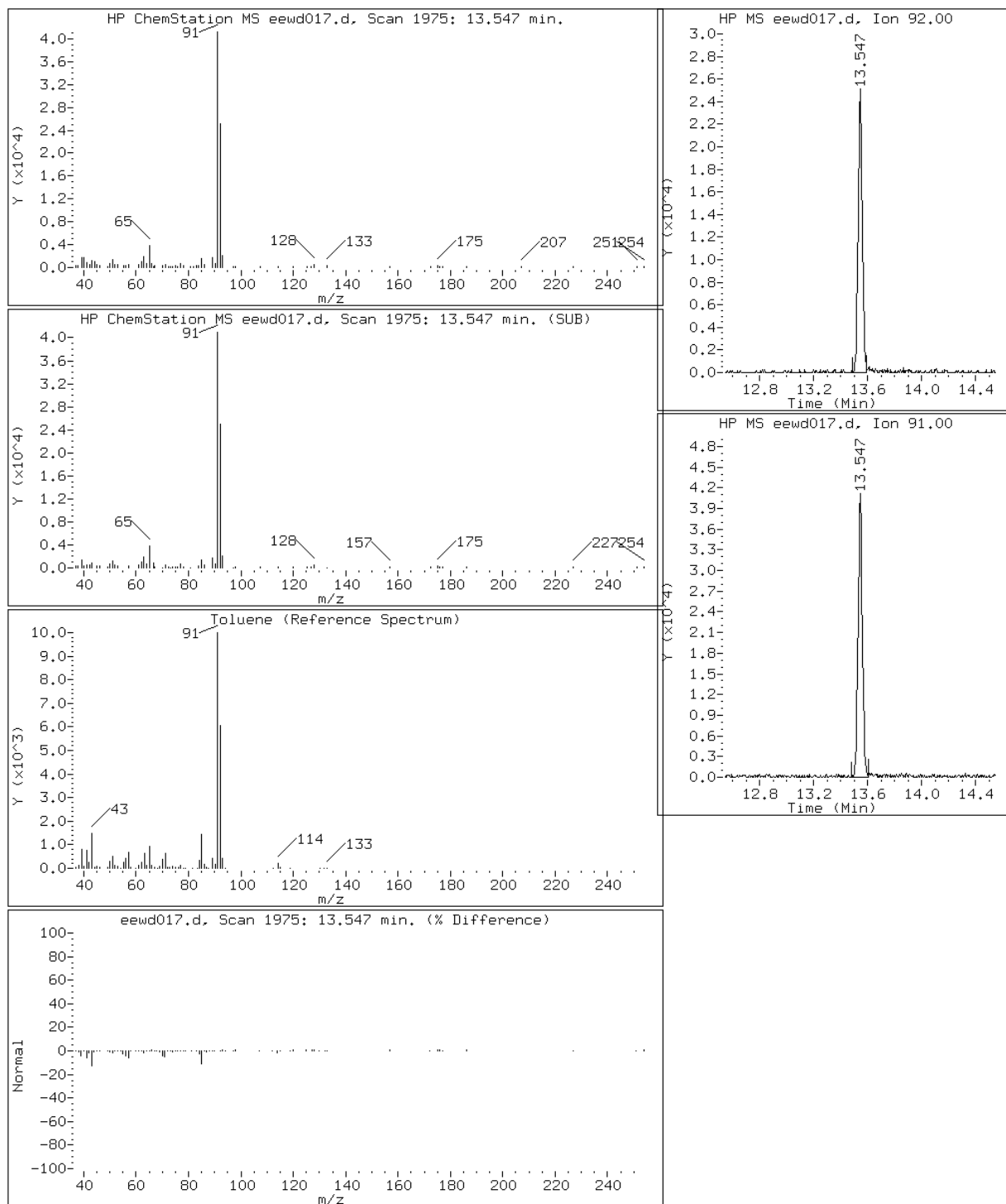
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

58 Toluene



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

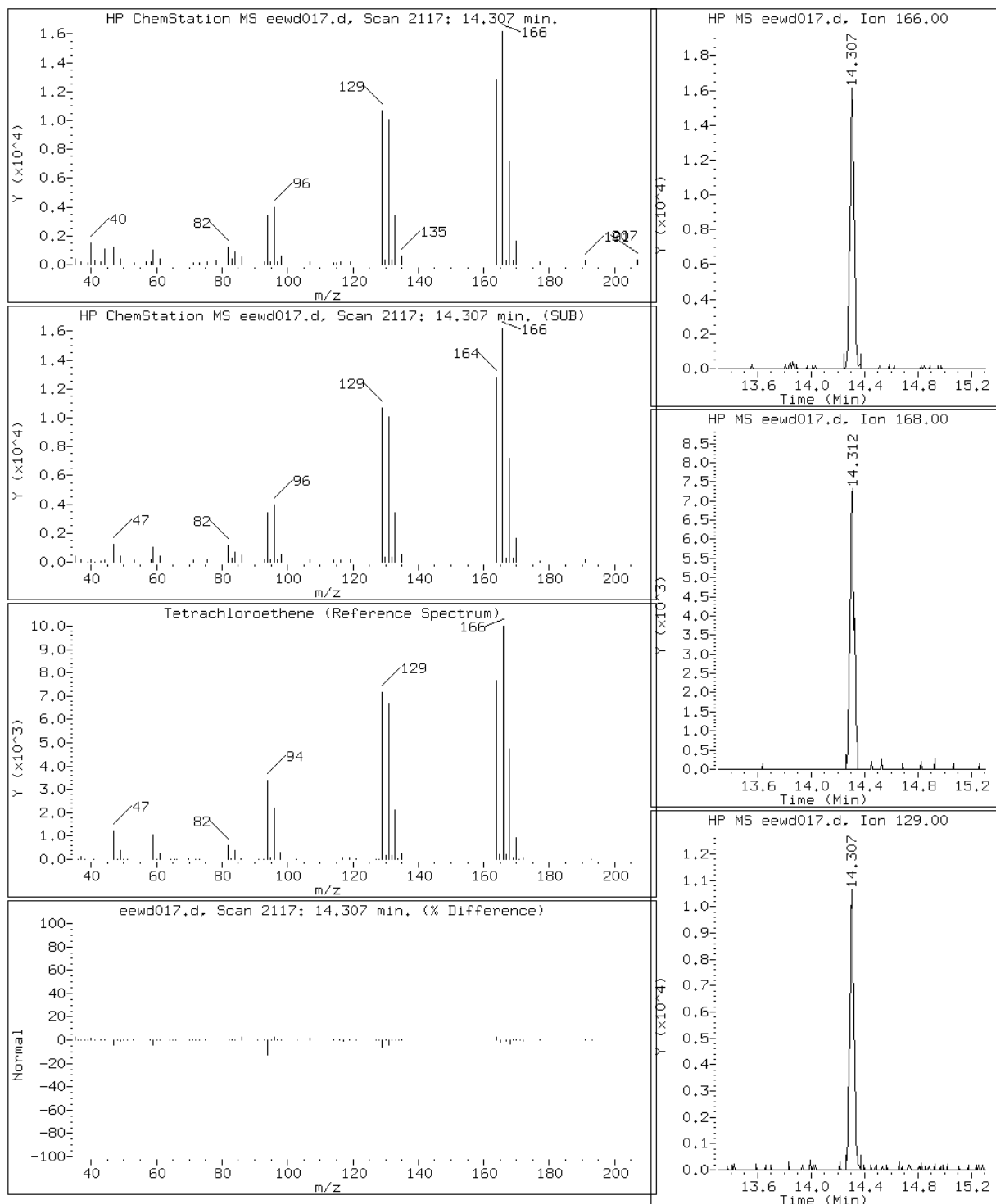
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

61 Tetrachloroethene



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

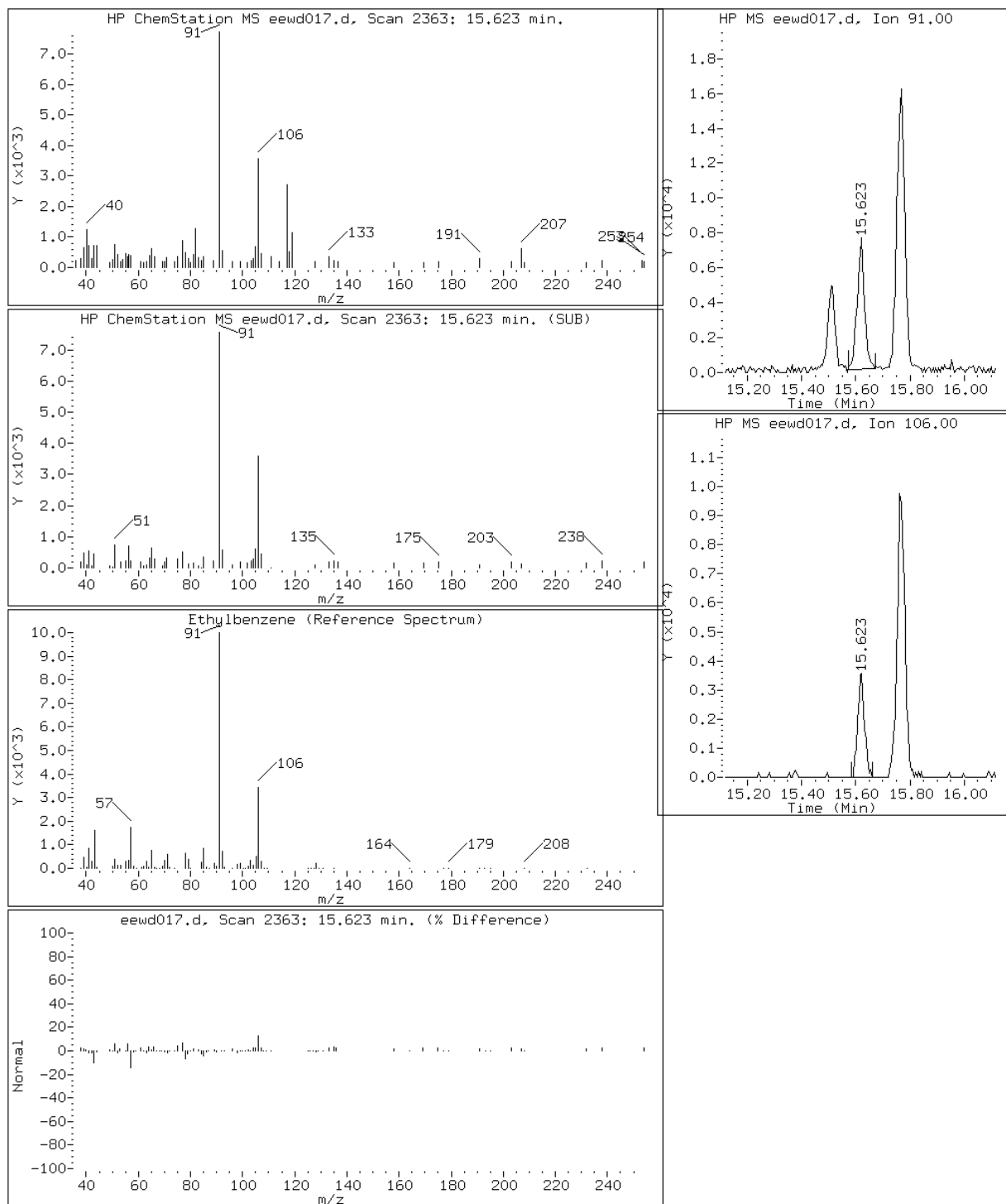
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

67 Ethylbenzene



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

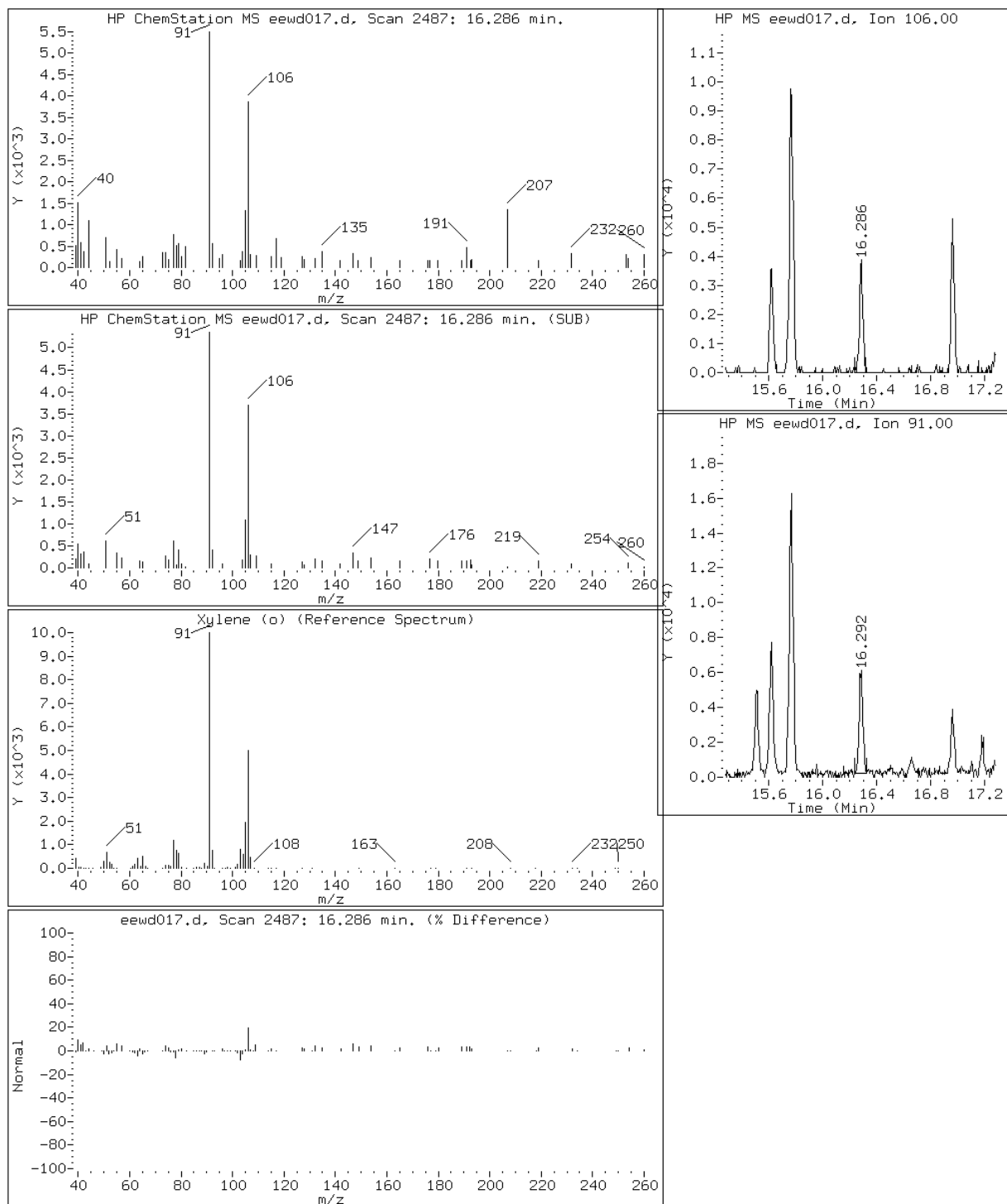
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

71 Xylene (o)



Data File: eewd017.d

Lab Sample ID: 200-13910-6

Date: 05-DEC-2012 04:35

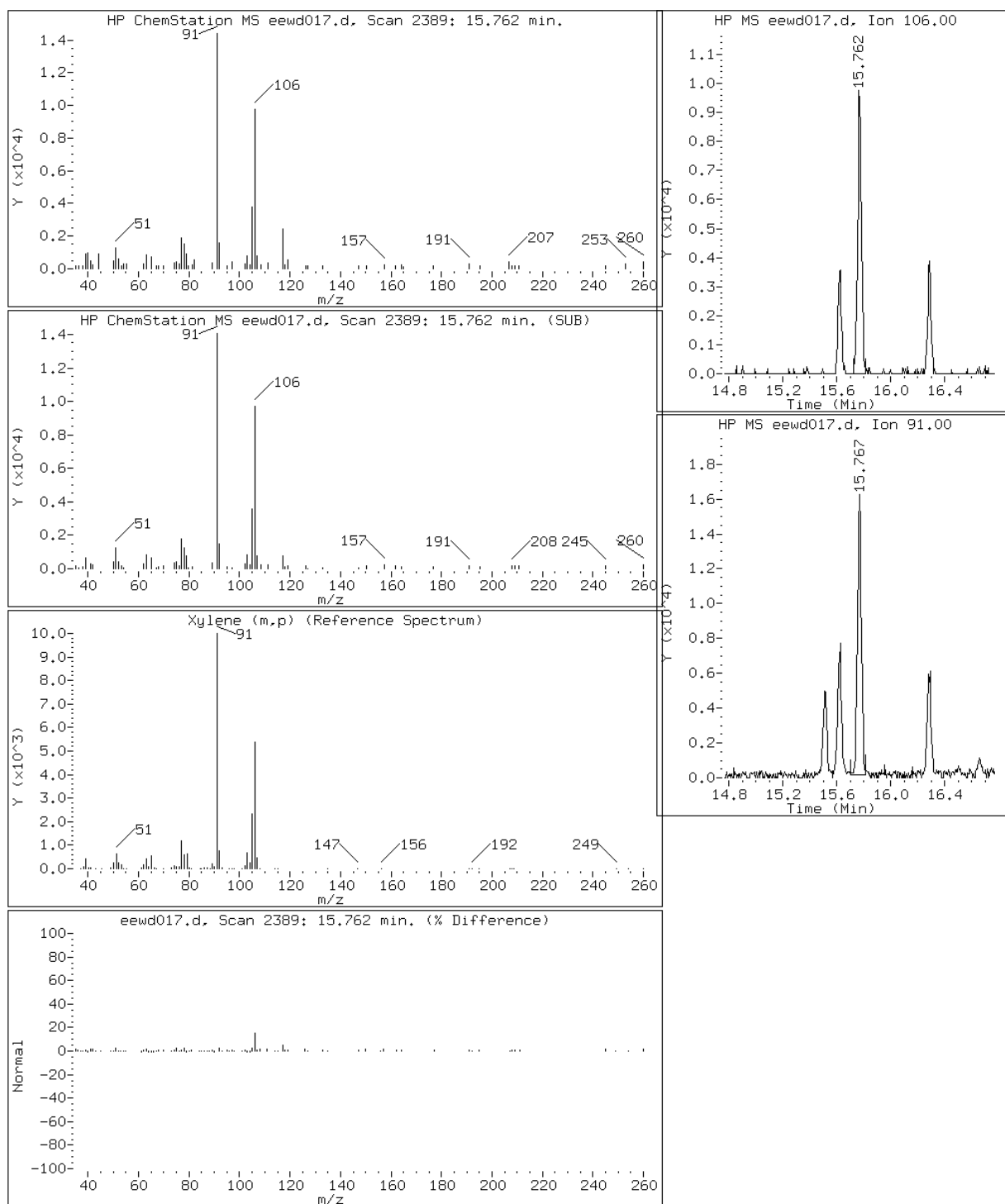
Client ID: IA-3

Instrument: E.i

Sample Info: 200-13910-A-6

Operator: wrd

69 Xylene (m,p)



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: AM-1 Lab Sample ID: 200-13910-7
 Matrix: Air Lab File ID: eezd018.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 16:26
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 05:29
 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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.56		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	0.25		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	0.19		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	0.048		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	0.074		0.040	0.040
71-43-2	Benzene	78.11	0.18		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	0.064		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	0.24		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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: AM-1 Lab Sample ID: 200-13910-7
 Matrix: Air Lab File ID: eezd018.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 16:26
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 05:29
 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.: 49025 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	0.042		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	0.11		0.080	0.040
1330-20-7	Xylenes, Total	106.17	0.15		0.040	0.040

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: AM-1 Lab Sample ID: 200-13910-7
 Matrix: Air Lab File ID: eedw018.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 16:26
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 05:29
 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.: 49025 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.8		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	1.4		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	0.66		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	0.16		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	0.35		0.19	0.19
71-43-2	Benzene	78.11	0.58		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	0.26		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	0.90		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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: AM-1 Lab Sample ID: 200-13910-7
 Matrix: Air Lab File ID: eedw018.d
 Analysis Method: TO15 LL Date Collected: 11/27/2012 16:26
 Sample wt/vol: 125(mL) Date Analyzed: 12/05/2012 05:29
 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.: 49025 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	0.18		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	0.47		0.35	0.17
1330-20-7	Xylenes, Total	106.17	0.65		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-7
Client Smp ID: AM-1
Inj Date : 05-DEC-2012 05:29
Operator : wrd
Smp Info : 200-13910-A-7
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeddto15.b/to15ll3t.m
Meth Date : 05-Dec-2012 14:23 wrd
Cal Date : 02-NOV-2012 18:20
Als bottle: 2
Dil Factor: 4.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: E.i
Quant Type: ISTD
Cal File: eew012.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)	88706	0.14086	0.56
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		5.111	5.111	(0.514)	71517	0.06160	0.25
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.234	6.245	(0.627)	18465	0.01921	0.077(a)
19 1,1-Dichloroethene	96					Compound Not Detected.		
22 Allyl chloride	41					Compound Not Detected.		
25 Methylene chloride	49		7.384	7.390	(0.742)	28730	0.09202	0.37(a)
27 1,2-Dichloroethene (trans)	61					Compound Not Detected.		
28 Methyl tert-butyl ether	73					Compound Not Detected.		

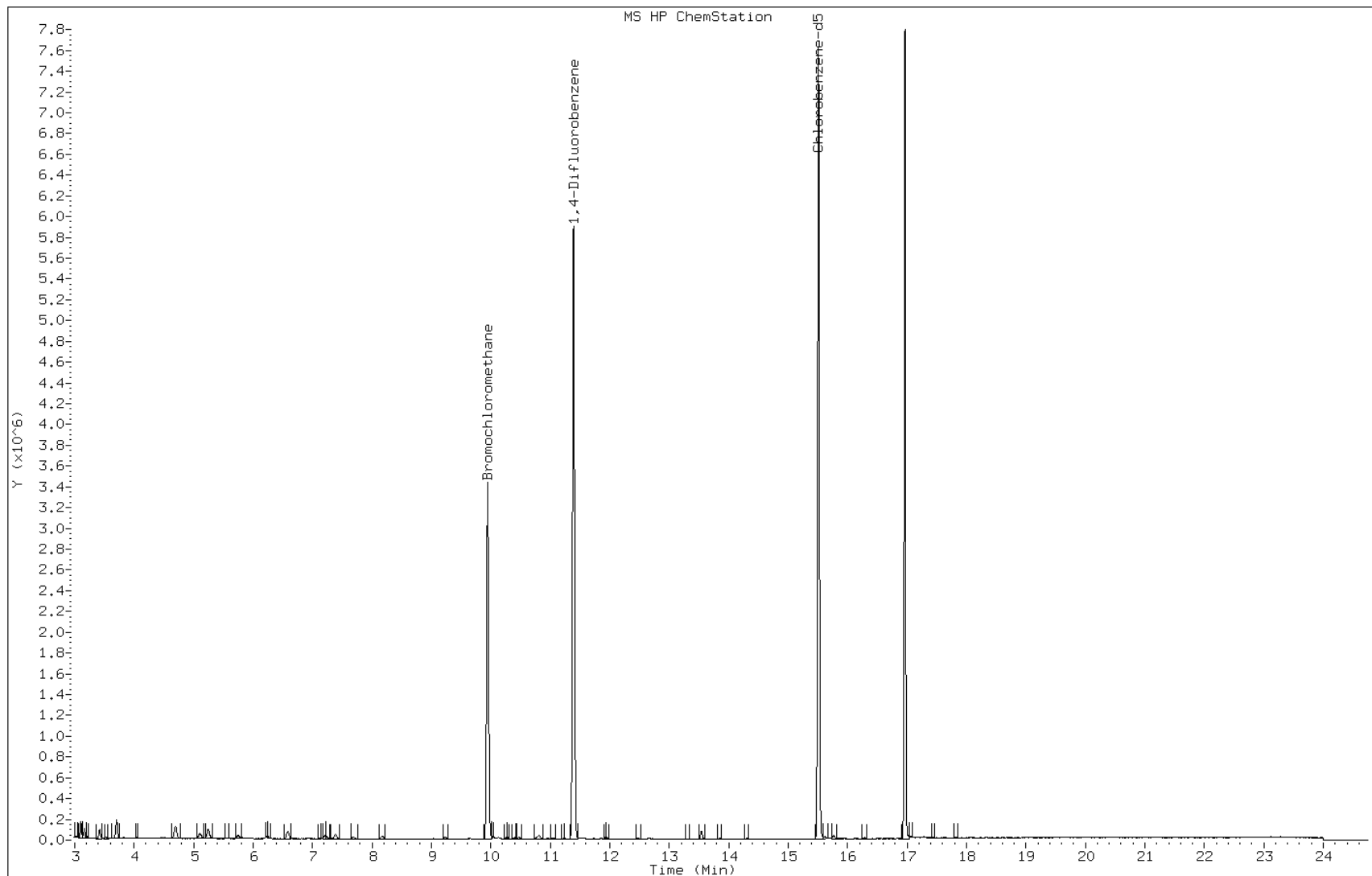
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
30 n-Hexane	57	8.171	8.171	(0.821)	22694	0.04709	0.19
31 1,1-Dichloroethane	63	Compound Not Detected.					
M 33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
* 36 Bromochloromethane	128	9.947	9.947	(1.000)	1743114	2.00000	
39 Chloroform	83	Compound Not Detected.					
40 Cyclohexane	84	10.278	10.279	(0.902)	7716	0.01188	0.048(Q)
41 1,1,1-Trichloroethane	97	Compound Not Detected.					
42 Carbon tetrachloride	117	10.476	10.476	(0.920)	16750	0.01560	0.062
43 2,2,4-Trimethylpentane	57	10.771	10.776	(0.946)	25458	0.01857	0.074
44 Benzene	78	10.819	10.819	(0.950)	48869	0.04504	0.18
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	11.038	11.044	(0.969)	6822	0.01589	0.064
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	7772524	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	13.542	13.547	(0.873)	43088	0.05949	0.24
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	15.510	15.511	(1.000)	6598253	2.00000	
67 Ethylbenzene	91	15.623	15.618	(1.007)	10747	0.00850	0.034(a)
69 Xylene (m,p)	106	15.772	15.767	(1.017)	14129	0.02710	0.11
M 70 Xylene, Total	106				19427	0.03761	0.15
71 Xylene (o)	106	16.286	16.281	(1.050)	5298	0.01051	0.042
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79 4-Ethyltoluene	105	17.319	17.308	(1.117)	4484	0.00546	0.022(aQ)
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.

Data File: eewd018.d
Client ID: AM-1
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-7
Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

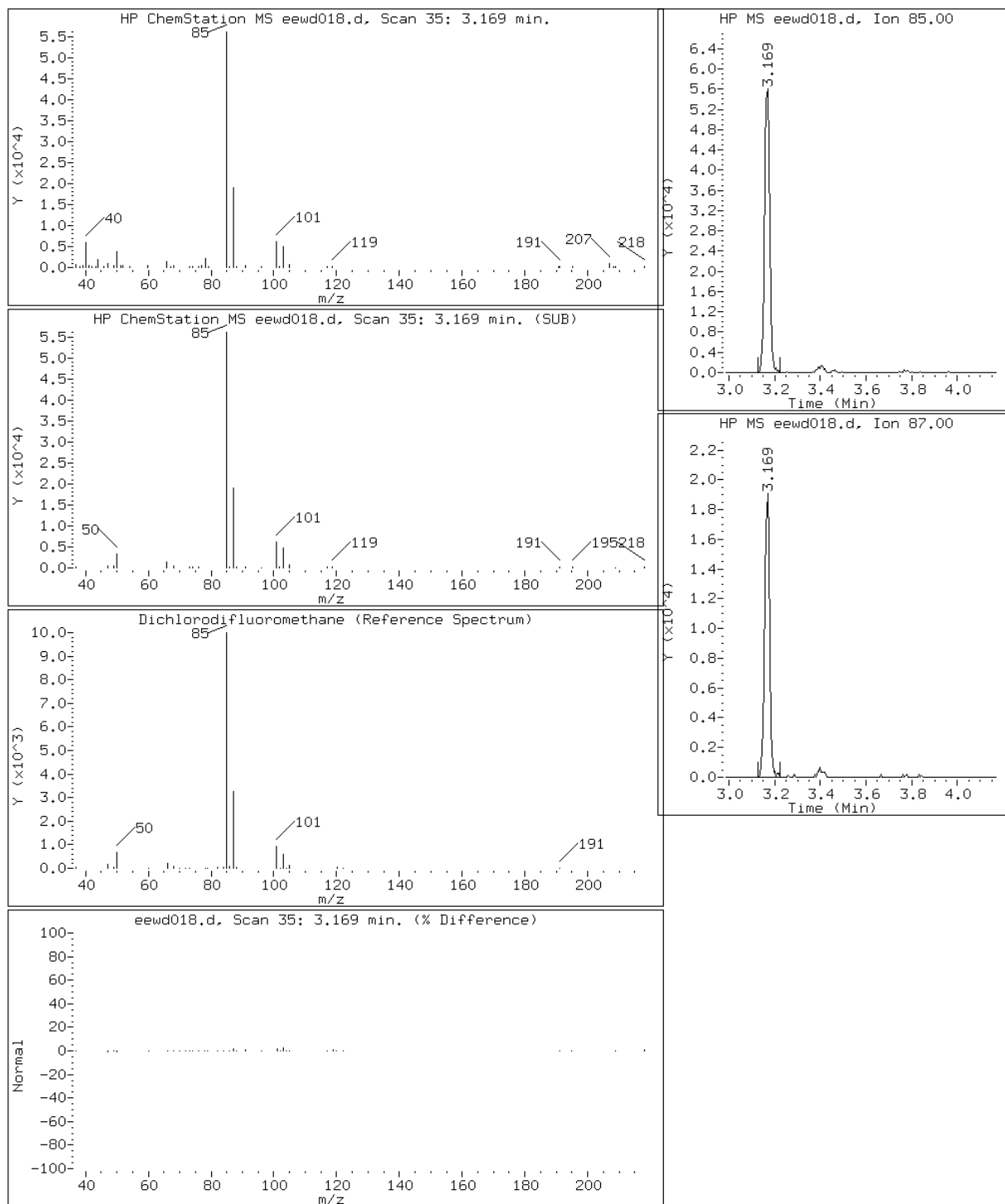
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

2 Dichlorodifluoromethane



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

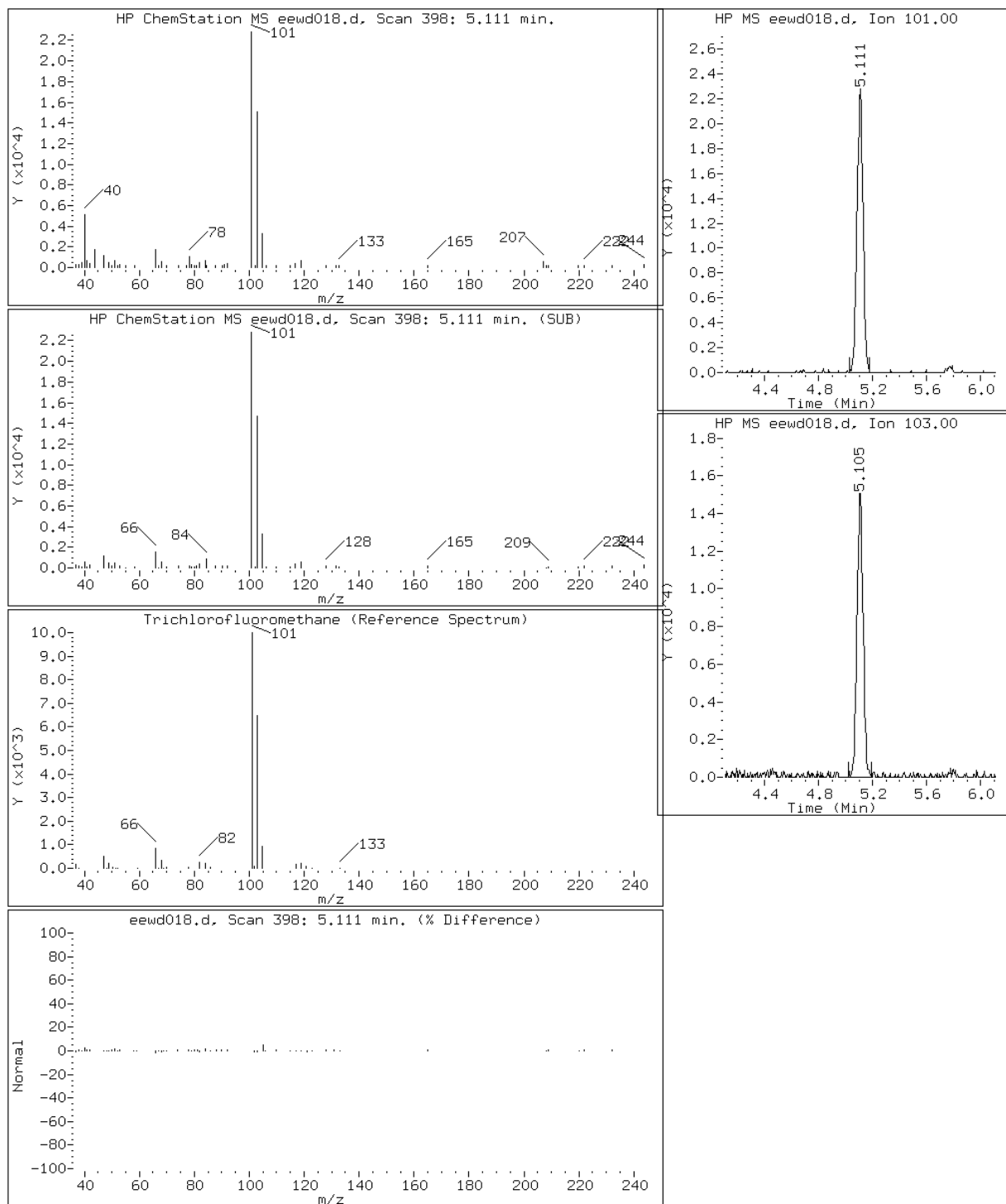
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

13 Trichlorofluoromethane



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

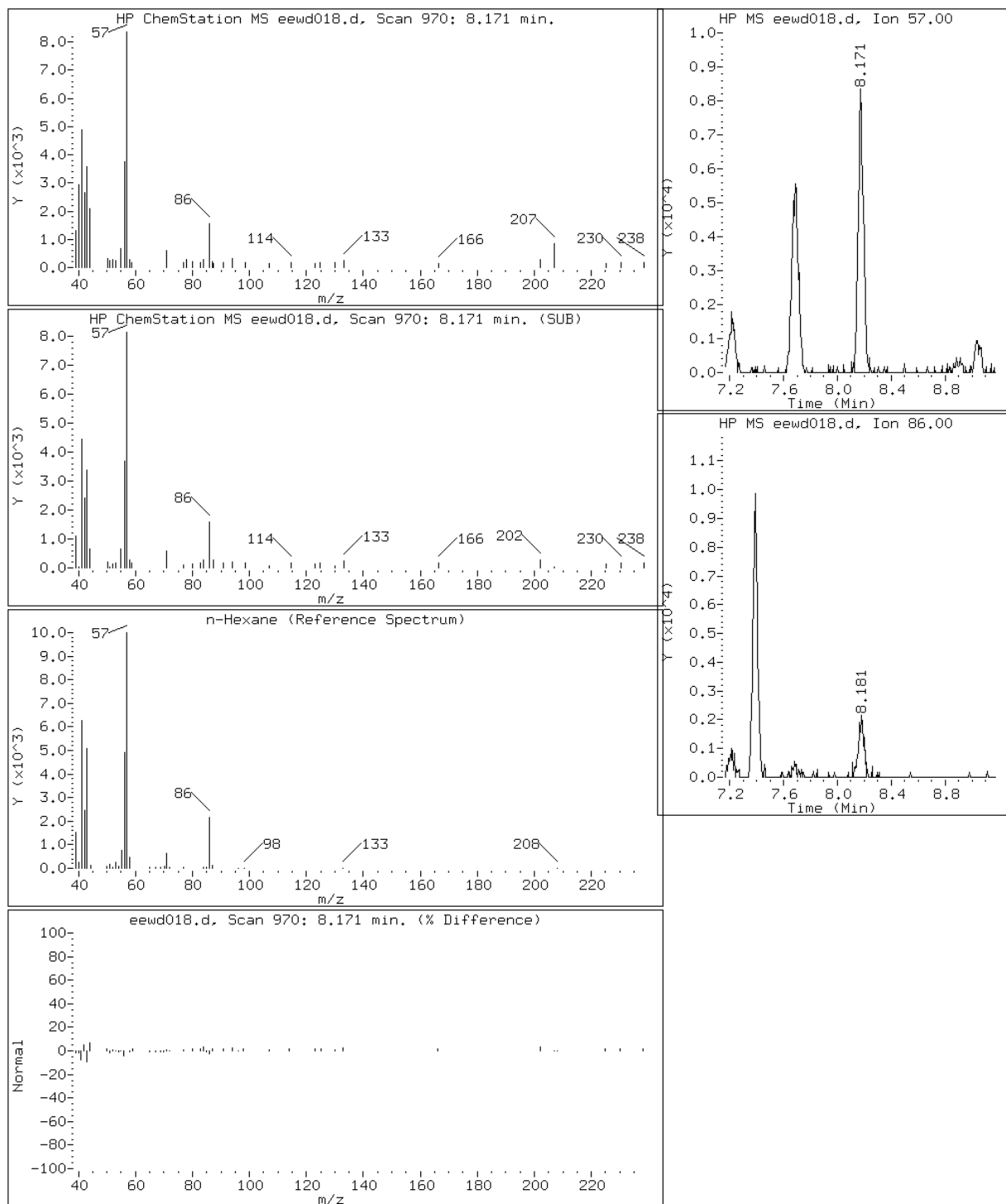
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

30 n-Hexane



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

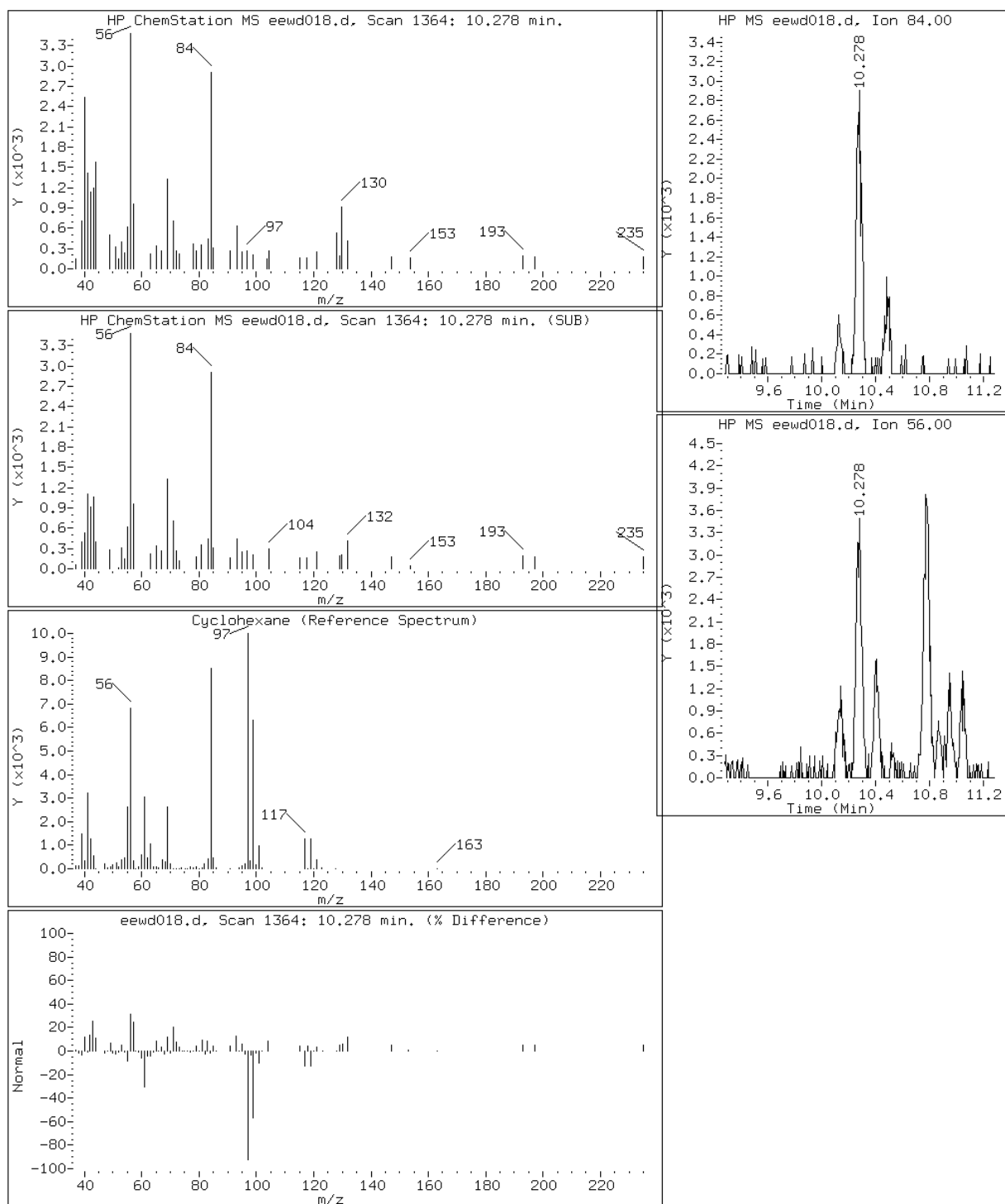
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

40 Cyclohexane



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

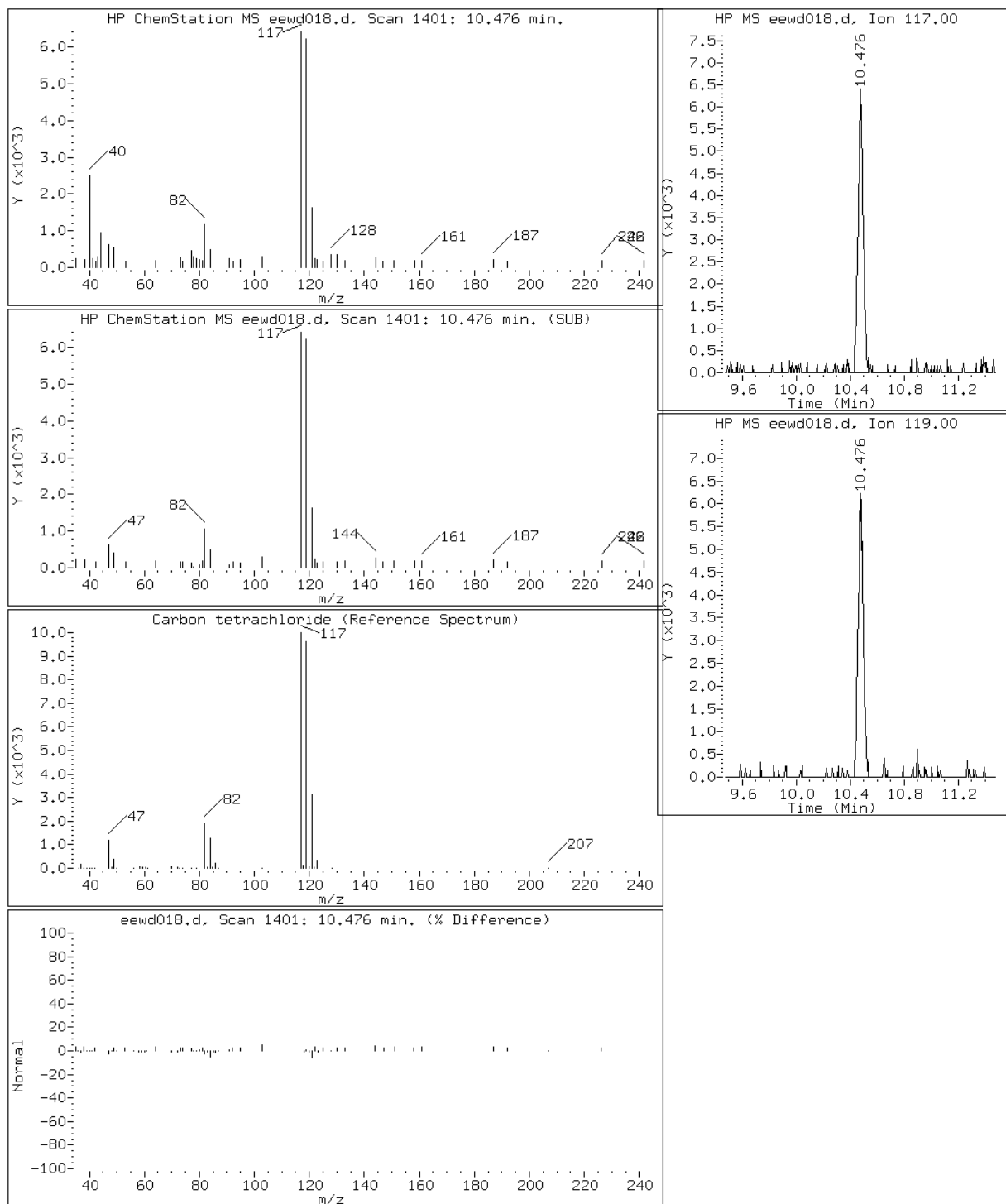
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

42 Carbon tetrachloride



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

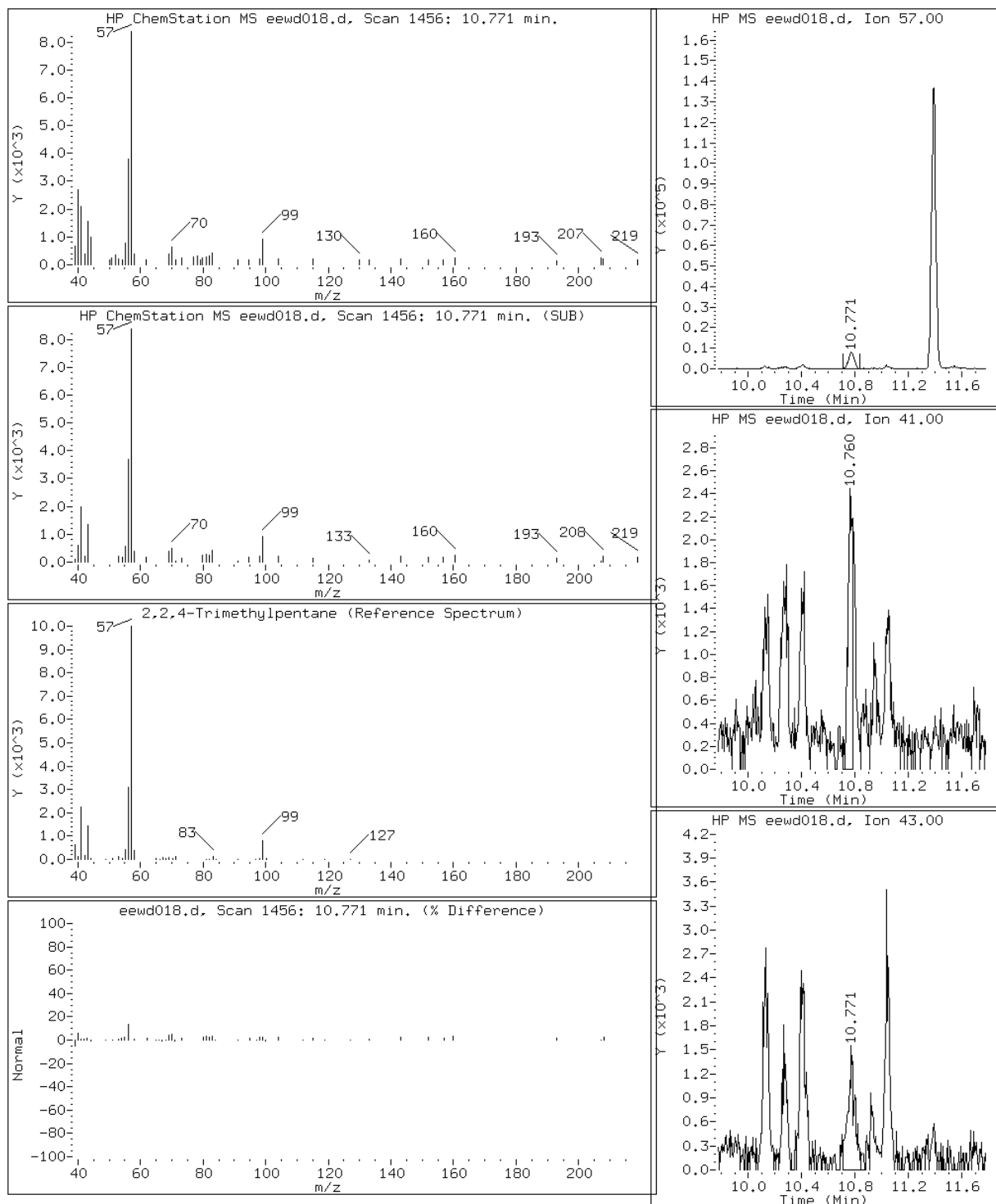
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

43 2,2,4-Trimethylpentane



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

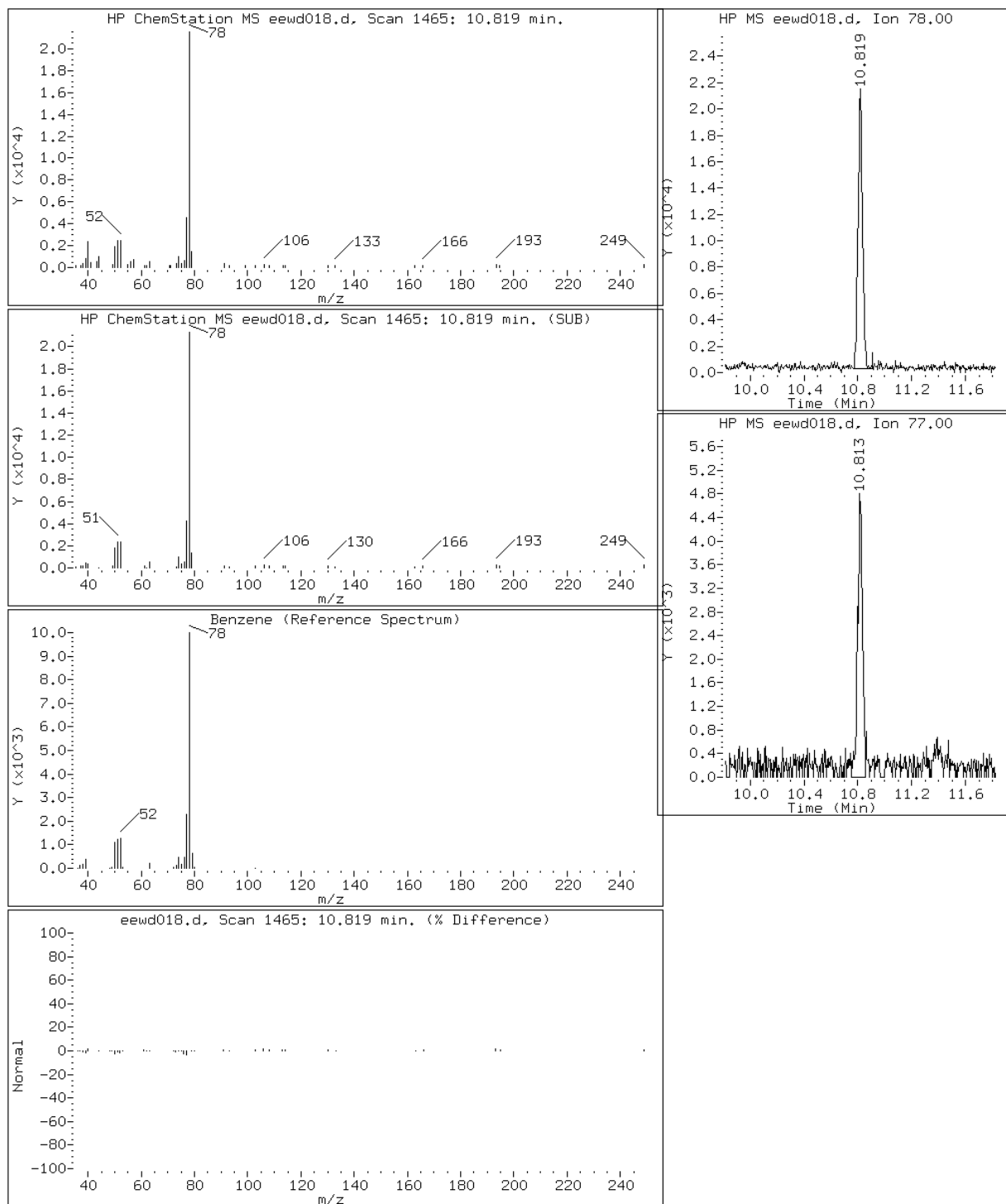
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

44 Benzene



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

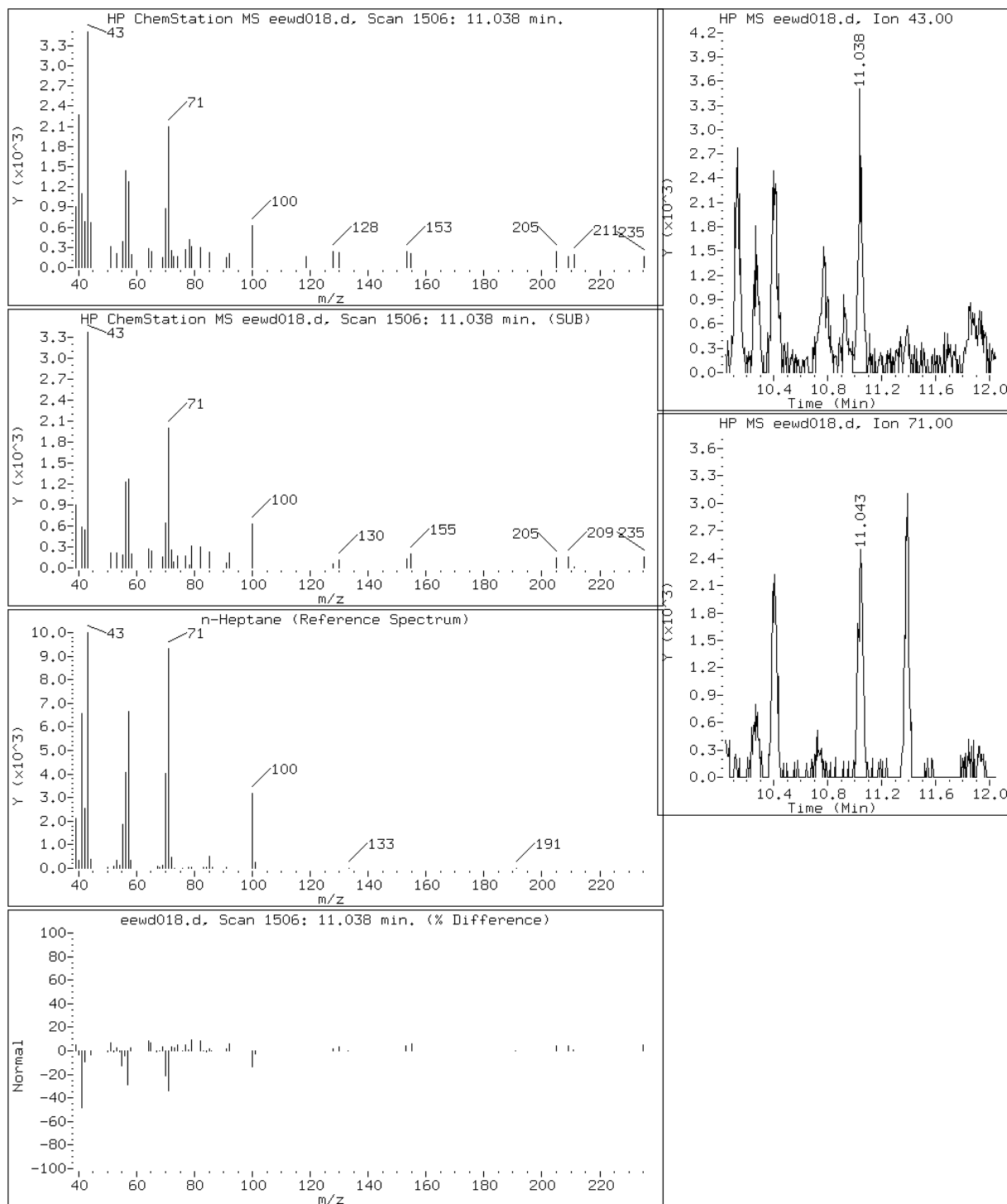
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

46 n-Heptane



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

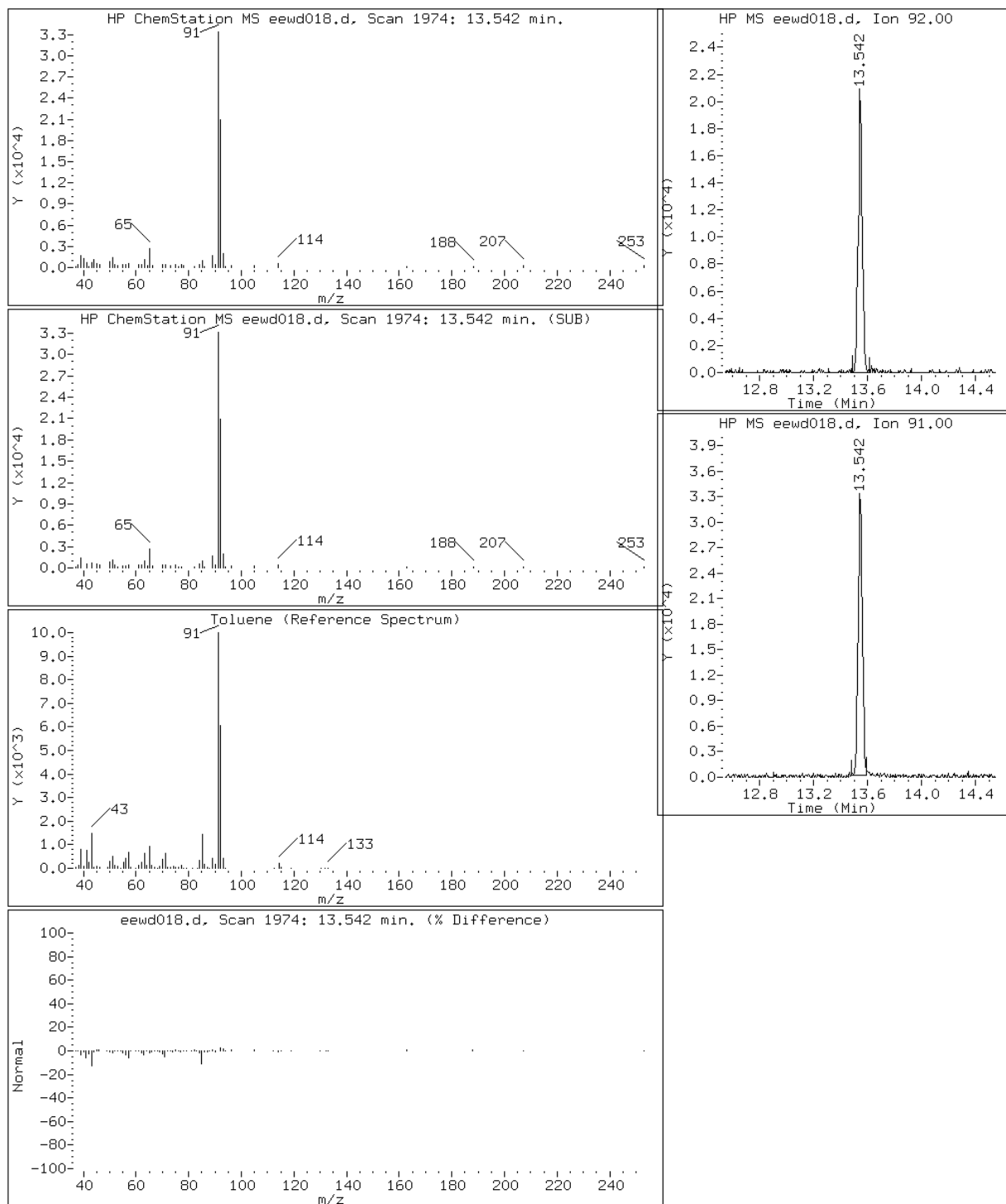
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

58 Toluene



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

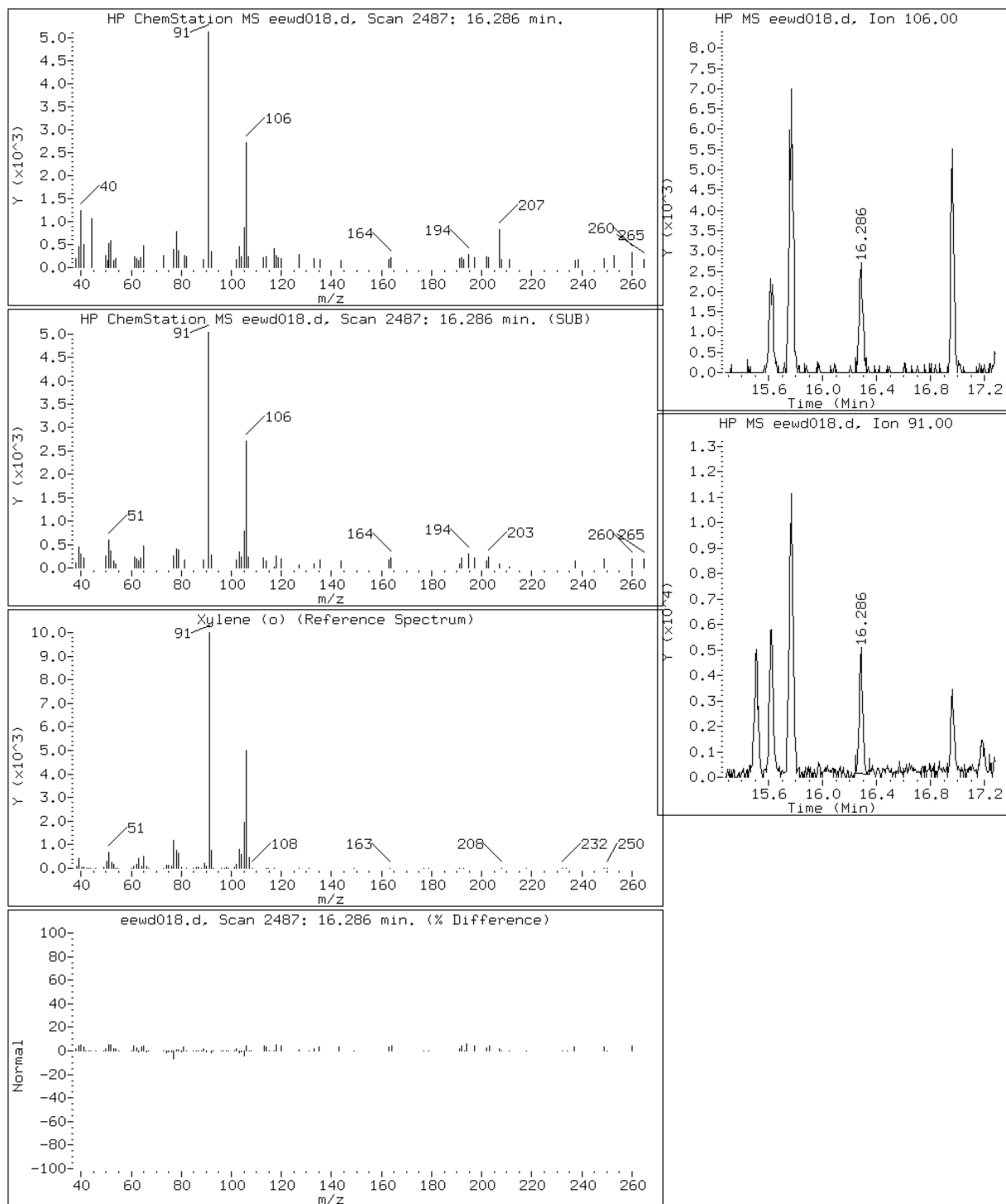
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

71 Xylene (o)



Data File: eewd018.d

Lab Sample ID: 200-13910-7

Date: 05-DEC-2012 05:29

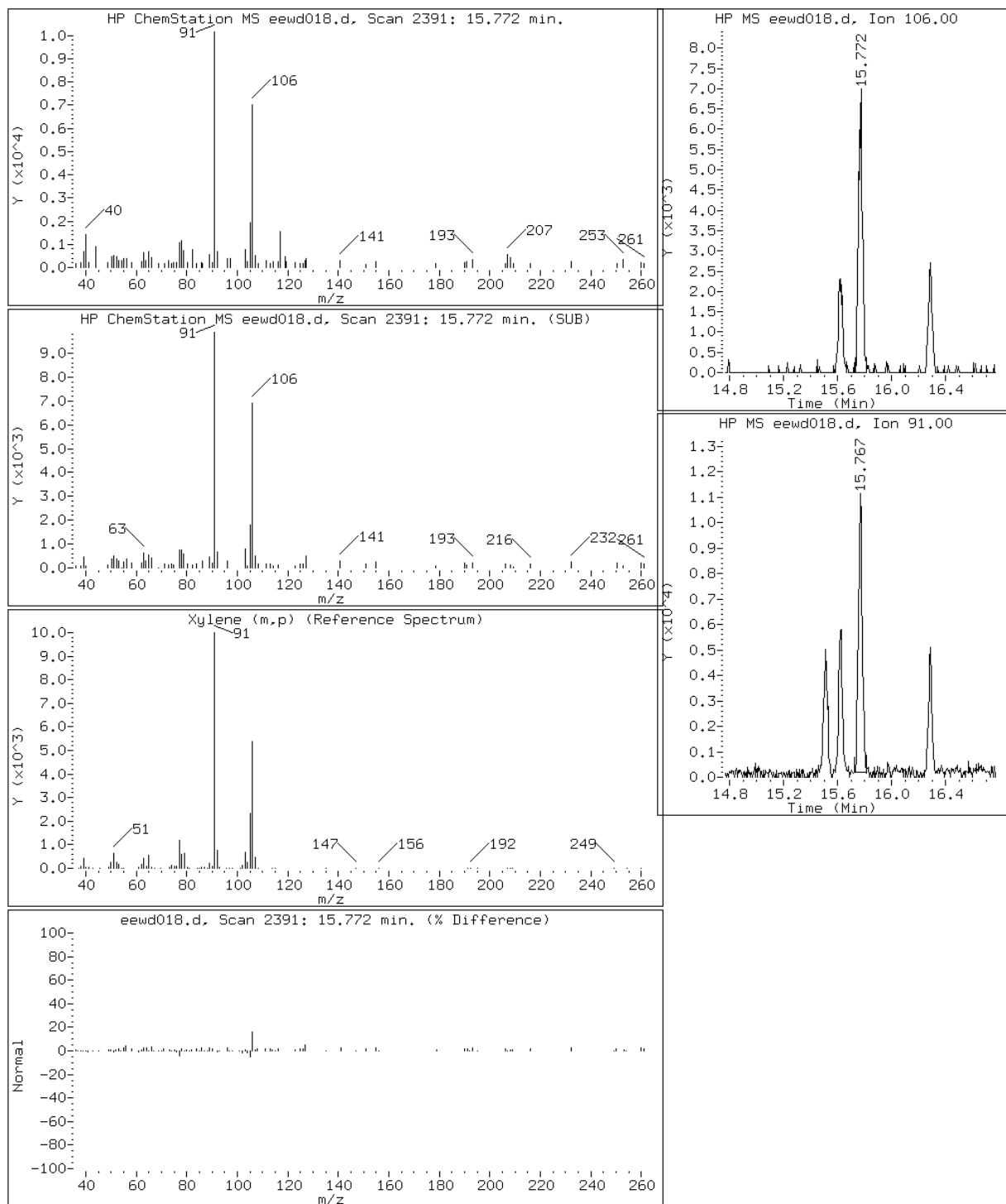
Client ID: AM-1

Instrument: E.i

Sample Info: 200-13910-A-7

Operator: wrd

69 Xylene (m,p)



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1 Analy Batch No.: 47623

SDG No.: 200-13910

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

Calibration Start Date: 11/02/2012 10:15 Calibration End Date: 11/02/2012 18:20 Calibration ID: 18691

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-47623/3	eeew003.d
Level 2	IC 200-47623/4	eeew004.d
Level 3	IC 200-47623/5	eeew005.d
Level 4	IC 200-47623/6	eeew006.d
Level 5	ICIS 200-47623/7	eeew007.d
Level 6	IC 200-47623/8	eeew008.d
Level 7	IC 200-47623/9	eeew009.d
Level 8	IC 200-47623/10	eeew010.d
Level 9	IC 200-47623/11	eeew011.d
Level 10	IC 200-47623/12	eeew012.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	0.6483 0.7657	0.6608 +++++	0.7711 0.7651	0.7130 +++++	0.7336 +++++	Ave		0.7225				7.1		30.0			
1,2-Dichlorotetrafluoroethane	0.6991 0.8388	0.7115 +++++	0.8307 0.8057	0.7739 +++++	0.7933 +++++	Ave		0.7790				7.1		30.0			
Chloromethane	0.1469	0.1475	0.1420	0.1599 0.1420	0.1509 0.1434	Ave		0.1475				4.3		30.0			
Vinyl chloride	0.1721	0.1542 +++++	0.1857 0.1694	0.1633 +++++	0.1731 +++++	Ave		0.1696				6.2		30.0			
1,3-Butadiene	0.1059	0.1446 +++++	0.1374 0.1018	0.1062 +++++	0.1061 +++++	Ave		0.1170				16.1		30.0			
Bromomethane	0.2789	0.2835 +++++	0.3081 0.2669	0.2738 +++++	0.2706 +++++	Ave		0.2803				5.3		30.0			
Chloroethane	0.1397	0.1209 +++++	0.1513 0.1350	0.1332 +++++	0.1347 +++++	Ave		0.1358				7.3		30.0			
Bromoethene (Vinyl Bromide)	0.5833	0.5854 +++++	0.6525 0.5584	0.5630 +++++	0.5554 +++++	Ave		0.5830				6.2		30.0			
Trichlorofluoromethane	1.3029 1.3720	1.2860 +++++	1.4393 1.3172	1.3087 +++++	1.2987 +++++	Ave		1.3321				4.1		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1080	+++++	1.2418 1.0635	1.0522 +++++	1.0493 +++++	Ave		1.1030				7.4		30.0			
1,1-Dichloroethene	0.6212 0.5256	0.5698 +++++	0.6267 0.5137	0.5126 +++++	0.5052 +++++	Ave		0.5535				9.5		30.0			
3-Chloropropene	0.2752	0.2715 +++++	0.3136 0.2756	0.2568 +++++	0.2825 +++++	Ave		0.2792				6.8		30.0			
Methylene Chloride	0.3669	0.3430	0.3450	0.4111 0.3362	0.3716 0.3337	Ave		0.3582				7.7		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.: 200-13910-1 Analy Batch No.: 47623
SDG No.: 200-13910
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/02/2012 10:15 Calibration End Date: 11/02/2012 18:20 Calibration ID: 18691

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	0.5592 0.5491	0.5182 ++++	0.5971 0.5236	0.4986 ++++	0.5078 ++++	Ave		0.5362				6.4		30.0			
Methyl tert-butyl ether	0.7874 0.8519	0.7326 ++++	0.8857 0.8763	0.7851 ++++	0.8635 ++++	Ave		0.8261				7.0		30.0			
n-Hexane	0.5421	0.5934 ++++	0.6221 0.5200	0.5084 ++++	0.5315 ++++	Ave		0.5529				8.1		30.0			
1,1-Dichloroethane	0.7217 0.6015	0.5779 ++++	0.6897 0.5856	0.5717 ++++	0.5876 ++++	Ave		0.6194				9.7		30.0			
cis-1,2-Dichloroethene	0.5939 0.4806	0.5427 ++++	0.5670 0.4780	0.4692 ++++	0.4774 ++++	Ave		0.5155				9.9		30.0			
Chloroform	0.8180 0.8006	0.8121 ++++	0.9283 0.7781	0.7811 ++++	0.8071 ++++	Ave		0.8179				6.2		30.0			
Cyclohexane	0.1990 0.1580	0.1623 ++++	0.1802 0.1554	0.1602 ++++	0.1547 ++++	Ave		0.1671				9.9		30.0			
1,1,1-Trichloroethane	0.2297 0.2177	0.2266 ++++	0.2419 0.2116	0.2160 ++++	0.2097 ++++	Ave		0.2219				5.2		30.0			
Carbon tetrachloride	0.3020 0.2725	0.2747 ++++	0.2959 0.2625	0.2674 ++++	0.2592 ++++	Ave		0.2763				6.0		30.0			
2,2,4-Trimethylpentane	0.3867 0.3221	0.3797 ++++	0.3893 0.3173	0.3400 ++++	0.3340 ++++	Ave		0.3527				8.9		30.0			
Benzene	0.3377 0.2489	0.2629 ++++	0.3199 0.2565	0.2631 ++++	0.2653 ++++	Ave		0.2792				12.4		30.0			
1,2-Dichloroethane	0.0776	0.0785 ++++	0.0959 0.0806	0.0801 ++++	0.0826 ++++	Ave		0.0826				8.2		30.0			
n-Heptane	0.1489 0.0921	0.1155 ++++	0.1257 0.0934	0.1006 ++++	0.0970 ++++	Ave		0.1105				19.0		30.0			
Trichloroethene	0.2005 0.1382	0.1670 ++++	0.1789 0.1379	0.1394 ++++	0.1348 ++++	Ave		0.1567				16.5		30.0			
1,2-Dichloropropane	0.0729	0.0684 ++++	0.0851 0.0724	0.0736 ++++	0.0746 ++++	Ave		0.0745				7.5		30.0			
Bromodichloromethane	0.1690 0.1664	0.1703 ++++	0.2024 0.1716	0.1680 ++++	0.1728 ++++	Ave		0.1743				7.2		30.0			
cis-1,3-Dichloropropene	0.1025 0.1070	0.1016 ++++	0.1242 0.1117	0.1021 ++++	0.1051 ++++	Ave		0.1077				7.5		30.0			
Toluene	0.2202 0.2017	0.2156 ++++	0.2532 0.2141	0.2092 ++++	0.2226 ++++	Ave		0.2195				7.5		30.0			
trans-1,3-Dichloropropene	0.0839 0.0885	0.0759 ++++	0.1024 0.0993	0.0841 ++++	0.0835 ++++	Ave		0.0882				10.7		30.0			
1,1,2-Trichloroethane	0.0900 0.0916	0.0879 ++++	0.1158 0.0974	0.0953 ++++	0.0975 ++++	Ave		0.0965				9.6		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.: 200-13910-1 Analy Batch No.: 47623
SDG No.: 200-13910
Instrument ID: E.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/02/2012 10:15 Calibration End Date: 11/02/2012 18:20 Calibration ID: 18691

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								
Tetrachloroethene	0.3257 0.2386	0.2930 ++++	0.3302 0.2476	0.2645 ++++	0.2596 ++++	Ave		0.2799				13.2		30.0			
Dibromochloromethane	0.2417 0.2374	0.2269 ++++	0.2807 0.2607	0.2255 ++++	0.2359 ++++	Ave		0.2441				8.2		30.0			
1,2-Dibromoethane	0.1681 0.1896	0.1851 ++++	0.2267 0.2047	0.1872 ++++	0.1930 ++++	Ave		0.1935				9.4		30.0			
Chlorobenzene			0.4065 0.3513	0.3488 0.2810	0.3484 0.2920	Ave		0.3348				11.7		30.0			
Ethylbenzene	0.3544 0.3885	0.3570 ++++	0.4087 0.4237	0.3675 ++++	0.3838 ++++	Ave		0.3834				6.8		30.0			
m-Xylene & p-Xylene	0.1222 0.1727	0.1327 ++++	0.1649 0.1979	0.1537 ++++	0.1623 ++++	Ave		0.1581				15.9		30.0			
o-Xylene	0.1107 0.1705	0.1378 ++++	0.1631 0.1913	0.1432 ++++	0.1527 ++++	Ave		0.1528				16.9		30.0			
Bromoform	0.1707 0.1921	0.1864 ++++	0.2056 0.2239	0.1721 ++++	0.1679 ++++	Ave		0.1884				11.0		30.0			
1,1,2,2-Tetrachloroethane	0.1304 0.1130	0.1355 ++++	0.1510 0.1629	0.1128 ++++	0.1153 ++++	Ave		0.1316				15.0		30.0			
4-Ethyltoluene	0.2416 0.2372	0.2290 ++++	0.2353 0.3726	0.2067 ++++	0.2207 ++++	Ave		0.2490				22.4		30.0			
1,3,5-Trimethylbenzene		0.1848 ++++	0.2058 0.2867	0.1617 ++++	0.1792 ++++	Ave		0.1988				22.9		30.0			
1,2,4-Trimethylbenzene			0.2020 0.2511	0.1457 0.2006	0.1641 0.2440	Ave		0.1910				21.5		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.: 200-13910-1 Analy Batch No.: 47623

SDG No.: 200-13910

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

Calibration Start Date: 11/02/2012 10:15 Calibration End Date: 11/02/2012 18:20 Calibration ID: 18691

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-47623/3	eeew003.d
Level 2	IC 200-47623/4	eeew004.d
Level 3	IC 200-47623/5	eeew005.d
Level 4	IC 200-47623/6	eeew006.d
Level 5	ICIS 200-47623/7	eeew007.d
Level 6	IC 200-47623/8	eeew008.d
Level 7	IC 200-47623/9	eeew009.d
Level 8	IC 200-47623/10	eeew010.d
Level 9	IC 200-47623/11	eeew011.d
Level 10	IC 200-47623/12	eeew012.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	4637 236834	9088 +++++	17949 472156	45946 +++++	90722 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dichlorotetrafluoroethane	BCM	Ave	5000 259456	9785 +++++	19335 497196	49868 +++++	98104 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloromethane	BCM	Ave	45428	67438	87644	136889	18663 178791	0.500	0.750	1.00	0.100 1.50	0.200 2.00
Vinyl chloride	BCM	Ave	53228	2120 +++++	4323 104511	10523 +++++	21409 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,3-Butadiene	BCM	Ave	32755	1989 +++++	3197 62832	6846 +++++	13116 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromomethane	BCM	Ave	86276	3899 +++++	7172 164720	17644 +++++	33462 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloroethane	BCM	Ave	43224	1662 +++++	3522 83305	8586 +++++	16656 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromoethene (Vinyl Bromide)	BCM	Ave	180432	8051 +++++	15188 344577	36276 +++++	68680 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Trichlorofluoromethane	BCM	Ave	9319 424365	17686 +++++	33501 812826	84330 +++++	160597 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1,2-Trichloro-1,2,2-trifluoroethane	BCM	Ave	342718	28904 +++++	67800 656275	129765 +++++	0.500	0.0400 +++++	0.100 1.00	0.200 +++++	0.200 +++++	0.200 +++++
1,1-Dichloroethene	BCM	Ave	4443 162579	7836 +++++	14588 316982	33028 +++++	62481 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
3-Chloropropene	BCM	Ave	85137	3734 +++++	7300 170079	16546 +++++	34935 +++++	0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Methylene Chloride	BCM	Ave	113477	26488 156809	45959 212908	416080 324215	0.500	0.750	1.00	0.100 1.50	0.200 2.00	0.200 2.00
trans-1,2-Dichloroethene	BCM	Ave	4000 169830	7126 +++++	13898 323099	32131 +++++	62795 +++++	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.: 200-13910-1 Analy Batch No.: 47623

SDG No.: 200-13910

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

Calibration Start Date: 11/02/2012 10:15 Calibration End Date: 11/02/2012 18:20 Calibration ID: 18691

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
Methyl tert-butyl ether	BCM	Ave	5632 263504	10075 ++++	20616 540729	50589 ++++	106778 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
n-Hexane	BCM	Ave	8160 167663	14479 ++++	32759 320903	65727 ++++	32759 ++++	0.0200 0.500	0.0400 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1-Dichloroethane	BCM	Ave	5162 186038	7947 ++++	16053 361371	36841 ++++	72665 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
cis-1,2-Dichloroethene	BCM	Ave	4248 148641	7463 ++++	13197 294992	30233 ++++	59039 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Chloroform	BCM	Ave	5851 247635	11168 ++++	21607 480151	50331 ++++	99813 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Cyclohexane	DFB	Ave	6337 218023	9798 ++++	18336 424719	44538 ++++	84001 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,1-Trichloroethane	DFB	Ave	7312 300417	13682 ++++	24618 578438	60041 ++++	113894 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Carbon tetrachloride	DFB	Ave	9615 376130	16584 ++++	30118 717464	74341 ++++	140752 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
2,2,4-Trimethylpentane	DFB	Ave	12312 444607	22921 ++++	39624 867369	94506 ++++	181417 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Benzene	DFB	Ave	10751 343482	15872 ++++	32562 701157	73137 ++++	144075 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dichloroethane	DFB	Ave	107085	4740 ++++	9765 220446	22256 ++++	44862 ++++	0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
n-Heptane	DFB	Ave	4740 127167	6971 ++++	12789 255213	27975 ++++	52698 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Trichloroethene	DFB	Ave	6383 190806	10081 ++++	18203 376874	38757 ++++	73230 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,2-Dichloropropane	DFB	Ave	4130 100638	8663 ++++	20463 197995	40513 ++++	40513 ++++	0.0200 0.500	0.0400 ++++	0.100 1.00	0.100 ++++	0.200 ++++
Bromodichloromethane	DFB	Ave	5379 229705	10278 ++++	20596 469202	46691 ++++	93826 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
cis-1,3-Dichloropropene	DFB	Ave	3263 147623	6136 ++++	12637 305339	28374 ++++	57084 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Toluene	CBZ	Ave	6267 254495	11758 ++++	23143 537999	52716 ++++	107308 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
trans-1,3-Dichloropropene	DFB	Ave	2672 122126	4580 ++++	10419 271555	23386 ++++	45352 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
1,1,2-Trichloroethane	CBZ	Ave	2560 115623	4796 ++++	10579 244715	24005 ++++	46997 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Tetrachloroethene	CBZ	Ave	9269 301038	15982 ++++	30175 622206	66644 ++++	125105 ++++	0.0100 0.500	0.0200 ++++	0.0400 1.00	0.100 ++++	0.200 ++++
Dibromochloromethane	CBZ	Ave	6877 299578	12375 ++++	25655 655123	56807 ++++	113708 ++++	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.: 200-13910-1 Analy Batch No.: 47623

SDG No.: 200-13910

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

Calibration Start Date: 11/02/2012 10:15 Calibration End Date: 11/02/2012 18:20 Calibration ID: 18691

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
1,2-Dibromoethane	CBZ	Ave	4783 239302	10094 +++++	20716 514516	47160 +++++	93036 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chlorobenzene	CBZ	Ave	37151 416636	87882 616279	167907 882726	1088379 1088379	1550311 1550311	0.0100 0.500	0.0200 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
Ethylbenzene	CBZ	Ave	10085 490194	19470 +++++	37349 1064877	92590 +++++	185012 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
m-Xylene & p-Xylene	CBZ	Ave	6955 435939	14473 +++++	30137 994441	77466 +++++	156425 +++++	0.0200 1.00	0.0400 +++++	0.0800 2.00	0.200 +++++	0.400 +++++
o-Xylene	CBZ	Ave	3149 215112	7514 +++++	14907 480682	36089 +++++	73611 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromoform	CBZ	Ave	4858 242382	10167 +++++	18790 562550	43355 +++++	80919 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1,2,2-Tetrachloroethane	CBZ	Ave	3710 142645	7391 +++++	13800 409306	28409 +++++	55594 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
4-Ethyltoluene	CBZ	Ave	6874 299352	12491 +++++	21505 936312	52085 +++++	106365 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,3,5-Trimethylbenzene	CBZ	Ave	220315	10078 +++++	18804 720583	40739 +++++	86387 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2,4-Trimethylbenzene	CBZ	Ave	183446	336438	631002	777079	1295694	0.500	0.750	1.00	1.50	2.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew003.d
Lab Smp Id: ic 417894
Inj Date : 02-NOV-2012 10:15
Operator : wrd
Smp Info : ic 417894
Misc Info : 100,1,level 1
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 10:15
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: eeew003.d
Calibration Sample, Level: 1
Compound Sublist: T015LL+CRREL.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 (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		3.169	3.169	(0.318)	4637	0.01000	0.0090(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.404	3.399	(0.342)	5000	0.01000	0.0090(a)
5 Chloromethane	50		3.527	3.533	(0.354)	1903	0.01000	0.018(a)
7 Vinyl chloride	62		3.741	3.752	(0.376)	1174	0.01000	0.0097(a)
8 1,3-Butadiene	54		3.821	3.811	(0.384)	898	0.01000	0.011(a)
9 Bromomethane	94		4.415	4.426	(0.444)	2551	0.01000	0.013(a)
10 Chloroethane	64		4.634	4.635	(0.466)	1011	0.01000	0.010(a)
12 Vinyl bromide	106		5.014	5.014	(0.504)	4531	0.01000	0.011(a)
13 Trichlorofluoromethane	101		5.111	5.111	(0.514)	9319	0.01000	0.0098(a)
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.239	6.245	(0.627)	9104	0.01000	0.012(a)
19 1,1-Dichloroethene	96		6.298	6.314	(0.633)	4443	0.01000	0.011
22 Allyl chloride	41		7.111	7.101	(0.715)	2646	0.01000	0.013(a)
25 Methylene chloride	49		7.390	7.390	(0.742)	8344	0.01000	0.032(a)
27 1,2-Dichloroethene (trans)	61		7.818	7.818	(0.786)	4000	0.01000	0.010

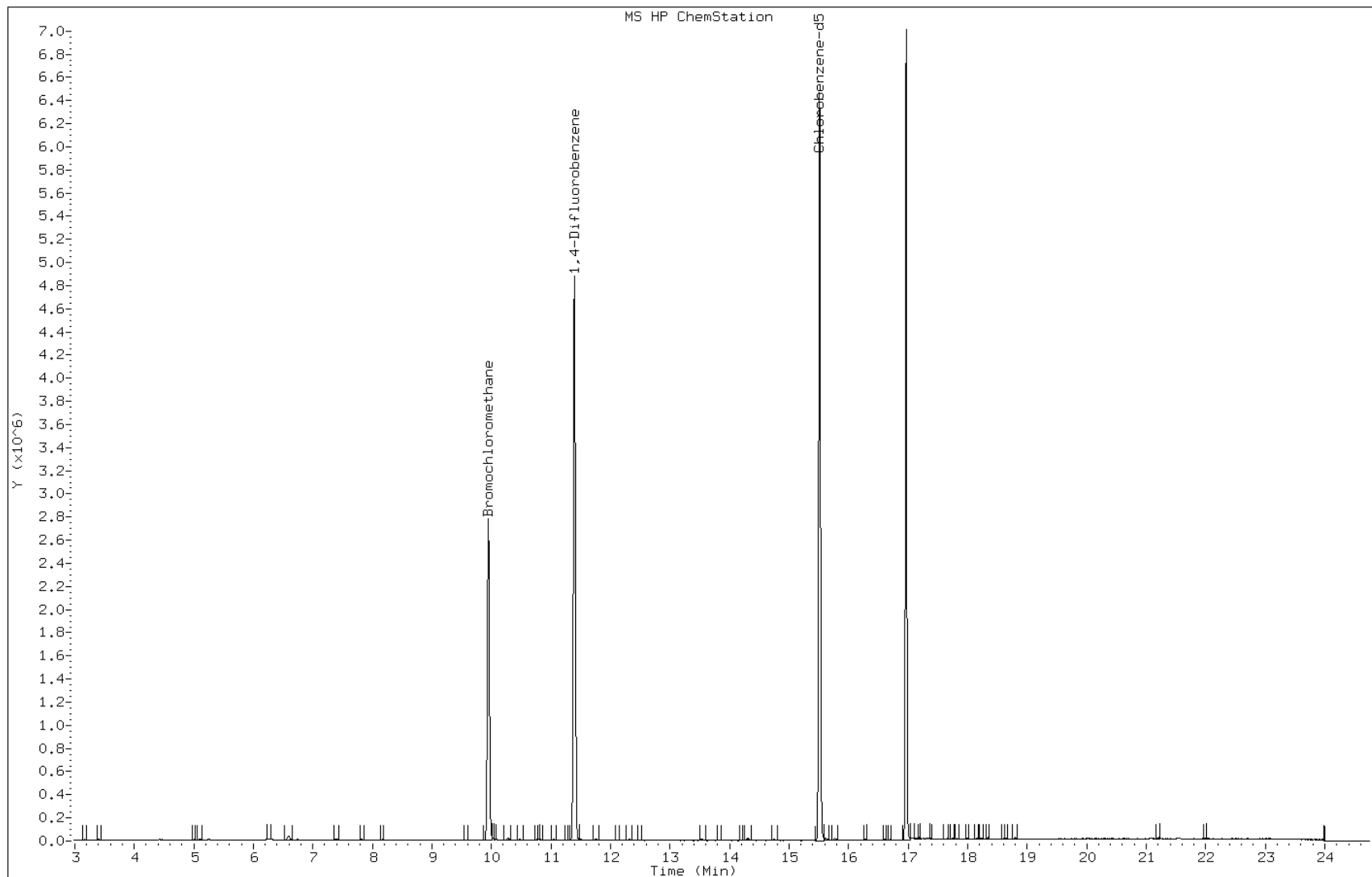
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73	7.903	7.877	(0.794)	5632	0.01000	0.0095(a)
30 n-Hexane	57	8.176	8.171	(0.822)	4854	0.01000	0.012(a)
31 1,1-Dichloroethane	63	8.620	8.620	(0.866)	5162	0.01000	0.012
M 33 1,2-Dichloroethene, Total	61				8248	0.02000	0.022
34 1,2-Dichloroethene (cis)	96	9.567	9.572	(0.961)	4248	0.01000	0.012
* 36 Bromochloromethane	128	9.952	9.947	(1.000)	1430498	2.00000	
39 Chloroform	83	10.038	10.038	(1.009)	5851	0.01000	0.010
40 Cyclohexane	84	10.278	10.279	(0.902)	6337	0.01000	0.012
41 1,1,1-Trichloroethane	97	10.278	10.279	(0.902)	7312	0.01000	0.010
42 Carbon tetrachloride	117	10.476	10.476	(0.920)	9615	0.01000	0.011
43 2,2,4-Trimethylpentane	57	10.776	10.776	(0.946)	12312	0.01000	0.011(M)
44 Benzene	78	10.819	10.819	(0.950)	10751	0.01000	0.012
45 1,2-Dichloroethane	62	10.936	10.937	(0.960)	2312	0.01000	0.0088(a)
46 n-Heptane	43	11.043	11.044	(0.969)	4740	0.01000	0.013
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	6367463	2.00000	
49 Trichloroethene	95	11.755	11.750	(1.032)	6383	0.01000	0.013
50 1,2-Dichloropropane	63	12.135	12.130	(1.065)	2185	0.01000	0.0092(a)
54 Bromodichloromethane	83	12.504	12.493	(1.098)	5379	0.01000	0.0097(a)
55 1,3-Dichloropropene (cis)	75	13.130	13.130	(1.153)	3263	0.01000	0.0095(a)
58 Toluene	92	13.547	13.547	(0.873)	6267	0.01000	0.010(Q)
59 1,3-Dichloropropene (trans)	75	13.932	13.922	(1.223)	2672	0.01000	0.0095(a)
60 1,1,2-Trichloroethane	83	14.189	14.189	(0.915)	2560	0.01000	0.0093(a)
61 Tetrachloroethene	166	14.312	14.307	(0.923)	9269	0.01000	0.012
63 Dibromochloromethane	129	14.740	14.746	(0.950)	6877	0.01000	0.0099(a)
64 1,2-Dibromoethane	107	14.949	14.943	(0.964)	4783	0.01000	0.0087(a)
* 65 Chlorobenzene-d5	117	15.510	15.511	(1.000)	5691019	2.00000	
66 Chlorobenzene	112	15.548	15.548	(1.002)	10347	0.01000	0.011(aQ)
67 Ethylbenzene	91	15.623	15.618	(1.007)	10085	0.01000	0.0092(a)
69 Xylene (m,p)	106	15.773	15.767	(1.017)	6955	0.02000	0.015(a)
M 70 Xylene, Total	106				10104	0.03000	0.023
71 Xylene (o)	106	16.286	16.281	(1.050)	3149	0.01000	0.0072(a)
73 Bromoform	173	16.607	16.607	(1.071)	4858	0.01000	0.0091(a)
75 1,1,2,2-Tetrachloroethane	83	17.126	17.121	(1.104)	3710	0.01000	0.0099(a)
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	6874	0.01000	0.0097(a)
81 1,3,5-Trimethylbenzene	105	17.377	17.378	(1.120)	5264	0.01000	0.0093(a)
84 1,2,4-Trimethylbenzene	105	17.816	17.811	(1.149)	5105	0.01000	0.0094(a)

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: eew003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417894
Lab Sample ID: ic 417894

Date: 02-NOV-2012 10:15
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

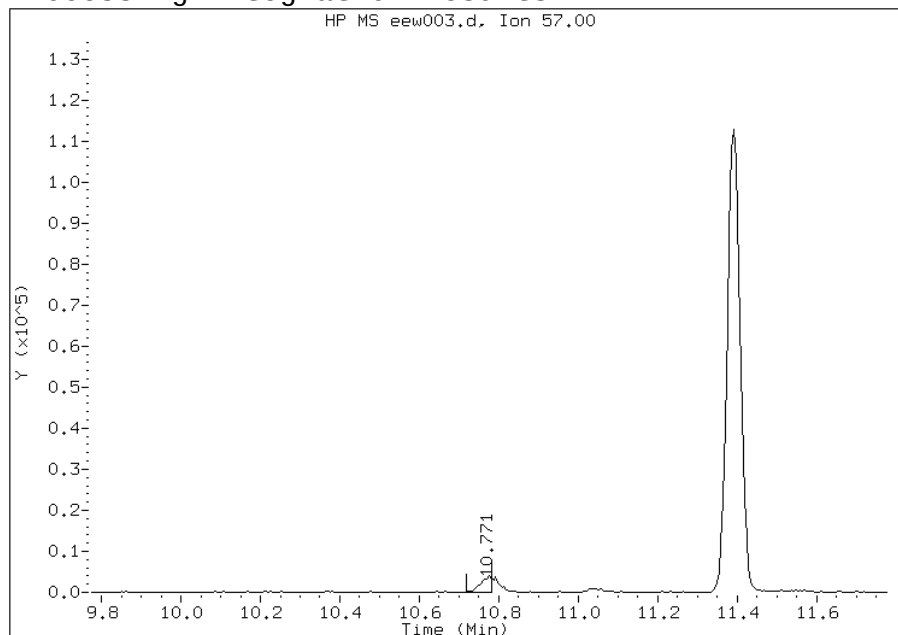


Manual Integration Report

Data File: eew003.d
Lab Sample ID: ic 417894
Inj. Date and Time: 02-NOV-2012 10:15
Instrument ID: E.i
Client ID:
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/07/2012

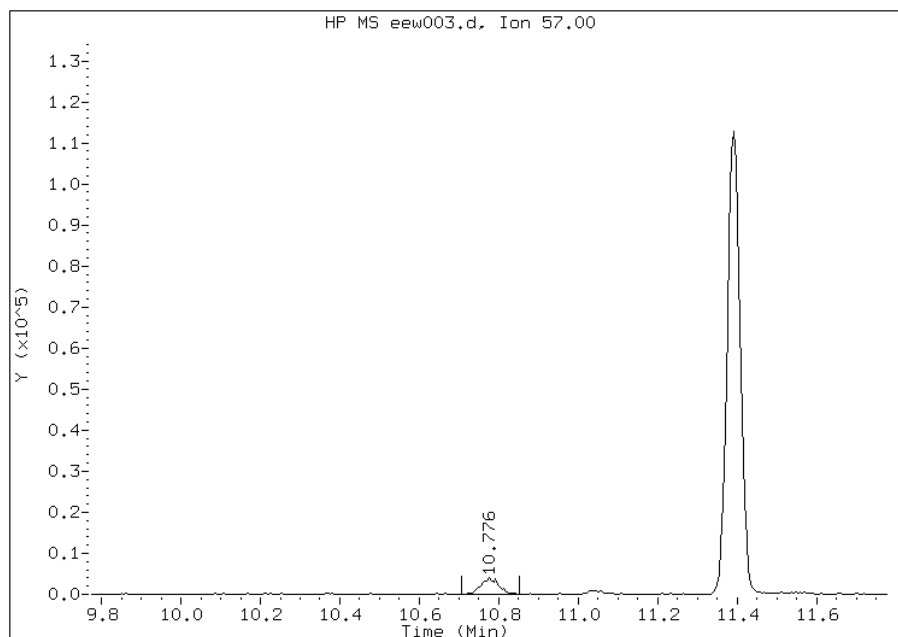
Processing Integration Results

RT: 10.77
Response: 7509
Amount: 0.007024
Conc: 0.007024



Manual Integration Results

RT: 10.78
Response: 12312
Amount: 0.010963
Conc: 0.010963



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew004.d
 Lab Smp Id: ic 417894
 Inj Date : 02-NOV-2012 11:09
 Operator : wrd
 Smp Info : ic 417894
 Misc Info : 200,1,level 2
 Comment :
 Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
 Meth Date : 05-Nov-2012 13:39 wrd
 Cal Date : 02-NOV-2012 11:09
 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: eeew004.d
 Calibration Sample, Level: 2
 Compound Sublist: T015LL+CRREL.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	3.163	3.169	(0.318)	9088	0.02000	0.018	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.393	3.399	(0.341)	9785	0.02000	0.018	
5 Chloromethane	50	3.527	3.533	(0.355)	2775	0.02000	0.027(a)	
7 Vinyl chloride	62	3.747	3.752	(0.377)	2120	0.02000	0.018(a)	
8 1,3-Butadiene	54	3.811	3.811	(0.383)	1989	0.02000	0.025	
9 Bromomethane	94	4.421	4.426	(0.444)	3899	0.02000	0.020	
10 Chloroethane	64	4.640	4.635	(0.466)	1662	0.02000	0.018(a)	
12 Vinyl bromide	106	5.009	5.014	(0.504)	8051	0.02000	0.020	
13 Trichlorofluoromethane	101	5.111	5.111	(0.514)	17686	0.02000	0.019	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.250	6.245	(0.628)	14700	0.02000	0.019(a)	
19 1,1-Dichloroethene	96	6.314	6.314	(0.635)	7836	0.02000	0.020	
22 Allyl chloride	41	7.101	7.101	(0.714)	3734	0.02000	0.019(a)	
25 Methylene chloride	49	7.390	7.390	(0.743)	9718	0.02000	0.039(a)	
27 1,2-Dichloroethene (trans)	61	7.818	7.818	(0.786)	7126	0.02000	0.019	

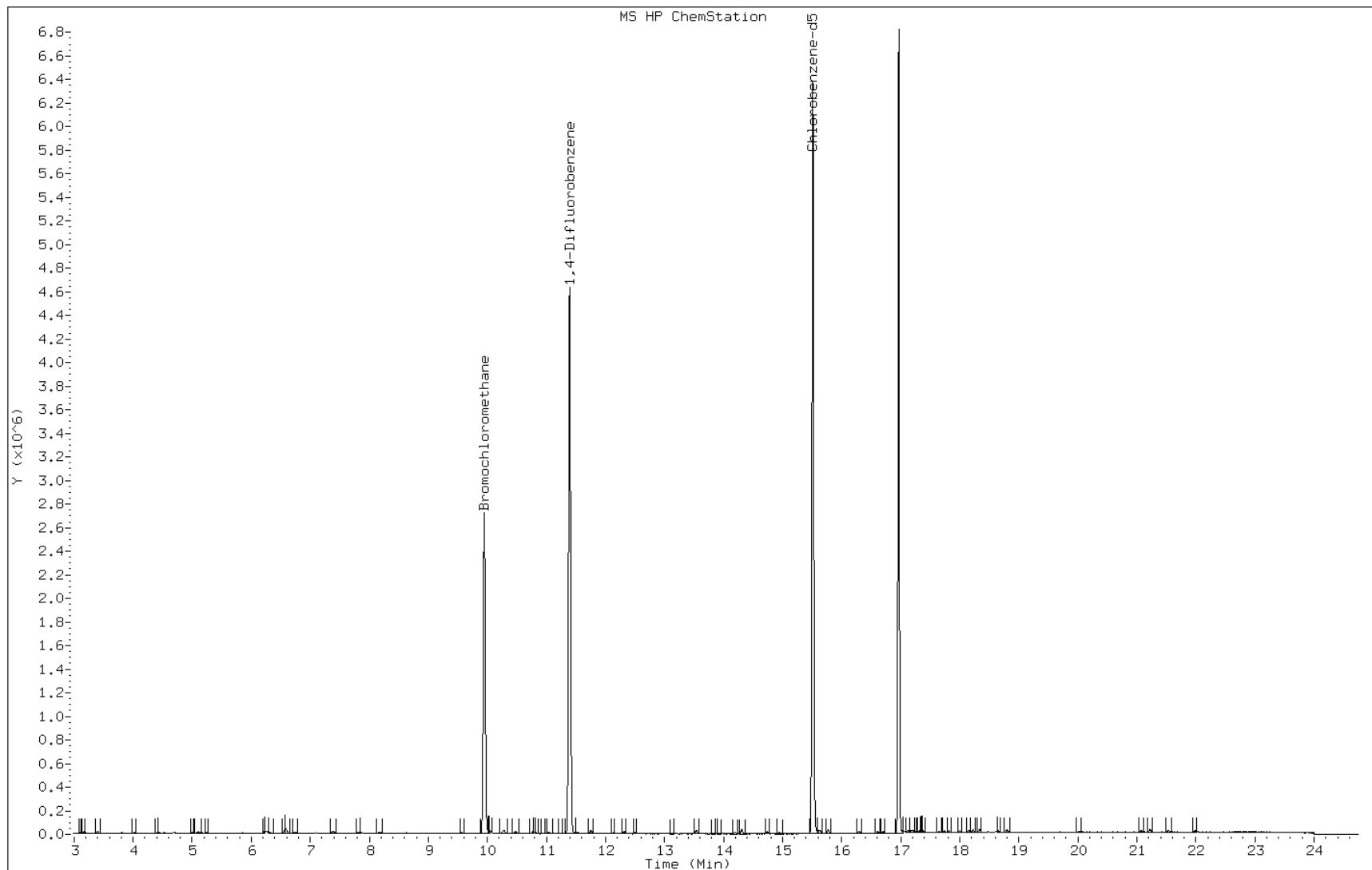
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73	7.871	7.877	(0.791)	10075	0.02000	0.018
30 n-Hexane	57	8.171	8.171	(0.821)	8160	0.02000	0.021
31 1,1-Dichloroethane	63	8.620	8.620	(0.867)	7947	0.02000	0.019
M 33 1,2-Dichloroethene, Total	61				14589	0.04000	0.040
34 1,2-Dichloroethene (cis)	96	9.562	9.572	(0.961)	7463	0.02000	0.021
* 36 Bromochloromethane	128	9.947	9.947	(1.000)	1375227	2.00000	
39 Chloroform	83	10.043	10.038	(1.010)	11168	0.02000	0.020
40 Cyclohexane	84	10.273	10.279	(0.902)	9798	0.02000	0.019
41 1,1,1-Trichloroethane	97	10.273	10.279	(0.902)	13682	0.02000	0.020
42 Carbon tetrachloride	117	10.482	10.476	(0.920)	16584	0.02000	0.020
43 2,2,4-Trimethylpentane	57	10.771	10.776	(0.946)	22921	0.02000	0.022
44 Benzene	78	10.819	10.819	(0.950)	15872	0.02000	0.019
45 1,2-Dichloroethane	62	10.937	10.937	(0.960)	4740	0.02000	0.019(a)
46 n-Heptane	43	11.043	11.044	(0.969)	6971	0.02000	0.021
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	6036970	2.00000	
49 Trichloroethene	95	11.744	11.750	(1.031)	10081	0.02000	0.021
50 1,2-Dichloropropane	63	12.135	12.130	(1.065)	4130	0.02000	0.018(a)
54 Bromodichloromethane	83	12.493	12.493	(1.097)	10278	0.02000	0.020
55 1,3-Dichloropropene (cis)	75	13.119	13.130	(1.152)	6136	0.02000	0.019
58 Toluene	92	13.542	13.547	(0.873)	11758	0.02000	0.020
59 1,3-Dichloropropene (trans)	75	13.927	13.922	(1.223)	4580	0.02000	0.017
60 1,1,2-Trichloroethane	83	14.189	14.189	(0.915)	4796	0.02000	0.018(Q)
61 Tetrachloroethene	166	14.312	14.307	(0.923)	15982	0.02000	0.021
63 Dibromochloromethane	129	14.740	14.746	(0.950)	12375	0.02000	0.018
64 1,2-Dibromoethane	107	14.943	14.943	(0.963)	10094	0.02000	0.019
* 65 Chlorobenzene-d5	117	15.511	15.511	(1.000)	5454300	2.00000	
66 Chlorobenzene	112	15.548	15.548	(1.002)	18270	0.02000	0.020(aQ)
67 Ethylbenzene	91	15.617	15.618	(1.007)	19470	0.02000	0.019
69 Xylene (m,p)	106	15.767	15.767	(1.017)	14473	0.04000	0.034
M 70 Xylene, Total	106				21987	0.06000	0.052
71 Xylene (o)	106	16.286	16.281	(1.050)	7514	0.02000	0.018
73 Bromoform	173	16.607	16.607	(1.071)	10167	0.02000	0.020
75 1,1,2,2-Tetrachloroethane	83	17.126	17.121	(1.104)	7391	0.02000	0.021
79 4-Ethyltoluene	105	17.313	17.308	(1.116)	12491	0.02000	0.018
81 1,3,5-Trimethylbenzene	105	17.372	17.378	(1.120)	10078	0.02000	0.018(a)
84 1,2,4-Trimethylbenzene	105	17.816	17.811	(1.149)	10258	0.02000	0.020(a)

QC Flag Legend

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

Data File: eew004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417894
Lab Sample ID: ic 417894

Date: 02-NOV-2012 11:09
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew005.d
Lab Smp Id: ic 417894
Inj Date : 02-NOV-2012 12:02
Operator : wrd
Smp Info : ic 417894
Misc Info : 400,1,level 3
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 12:02
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: eeew005.d
Calibration Sample, Level: 3
Compound Sublist: T015LL+CRREL.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	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)	17949	0.04000	0.043	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.342)	19335	0.04000	0.043	
5 Chloromethane	50	3.533	3.533	(0.355)	4774	0.04000	0.056(a)	
7 Vinyl chloride	62	3.747	3.752	(0.377)	4323	0.04000	0.044	
8 1,3-Butadiene	54	3.811	3.811	(0.383)	3197	0.04000	0.047	
9 Bromomethane	94	4.426	4.426	(0.445)	7172	0.04000	0.044	
10 Chloroethane	64	4.629	4.635	(0.465)	3522	0.04000	0.044	
12 Vinyl bromide	106	5.014	5.014	(0.504)	15188	0.04000	0.045	
13 Trichlorofluoromethane	101	5.111	5.111	(0.514)	33501	0.04000	0.043	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.234	6.245	(0.627)	28904	0.04000	0.045	
19 1,1-Dichloroethene	96	6.320	6.314	(0.635)	14588	0.04000	0.045	
22 Allyl chloride	41	7.101	7.101	(0.714)	7300	0.04000	0.045	
25 Methylene chloride	49	7.395	7.390	(0.743)	14026	0.04000	0.067(a)	
27 1,2-Dichloroethene (trans)	61	7.828	7.818	(0.787)	13898	0.04000	0.044	

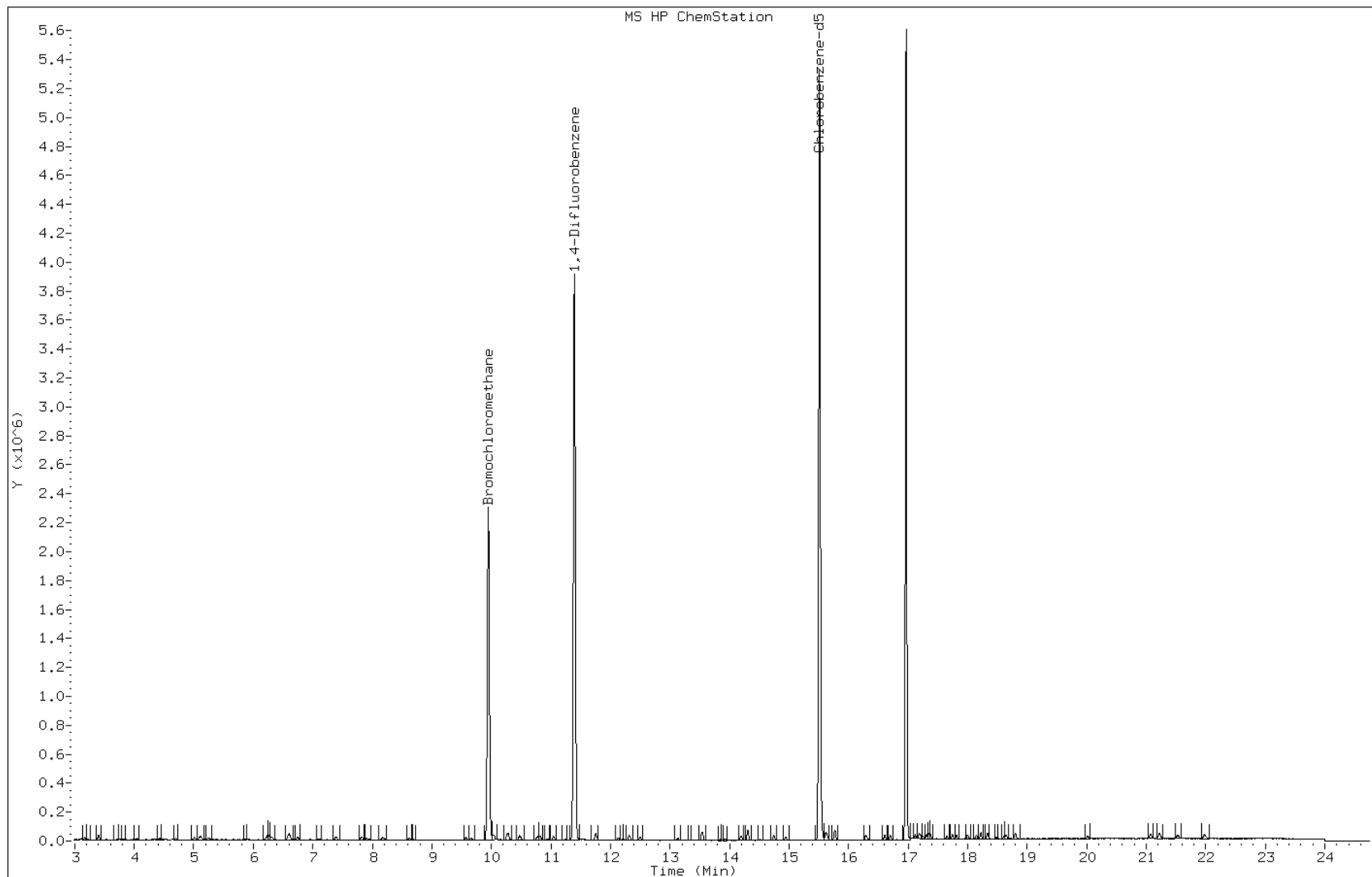
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.903	7.877	(0.795)	20616	0.04000	0.043
30 n-Hexane	57		8.181	8.171	(0.823)	14479	0.04000	0.045
31 1,1-Dichloroethane	63		8.620	8.620	(0.867)	16053	0.04000	0.044
M 33 1,2-Dichloroethene, Total	61					27095	0.08000	0.088
34 1,2-Dichloroethene (cis)	96		9.567	9.572	(0.962)	13197	0.04000	0.044
* 36 Bromochloromethane	128		9.947	9.947	(1.000)	1163810	2.00000	
39 Chloroform	83		10.032	10.038	(1.009)	21607	0.04000	0.045
40 Cyclohexane	84		10.268	10.279	(0.901)	18336	0.04000	0.043
41 1,1,1-Trichloroethane	97		10.279	10.279	(0.902)	24618	0.04000	0.044
42 Carbon tetrachloride	117		10.477	10.476	(0.920)	30118	0.04000	0.043
43 2,2,4-Trimethylpentane	57		10.781	10.776	(0.946)	39624	0.04000	0.044
44 Benzene	78		10.824	10.819	(0.950)	32562	0.04000	0.046
45 1,2-Dichloroethane	62		10.931	10.937	(0.960)	9765	0.04000	0.046(M)
46 n-Heptane	43		11.044	11.044	(0.969)	12789	0.04000	0.046
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5088839	2.00000	
49 Trichloroethene	95		11.755	11.750	(1.032)	18203	0.04000	0.046
50 1,2-Dichloropropane	63		12.124	12.130	(1.064)	8663	0.04000	0.046
54 Bromodichloromethane	83		12.499	12.493	(1.097)	20596	0.04000	0.046
55 1,3-Dichloropropene (cis)	75		13.130	13.130	(1.153)	12637	0.04000	0.046
58 Toluene	92		13.547	13.547	(0.873)	23143	0.04000	0.046
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	10419	0.04000	0.046
60 1,1,2-Trichloroethane	83		14.200	14.189	(0.915)	10579	0.04000	0.048
61 Tetrachloroethene	166		14.312	14.307	(0.923)	30175	0.04000	0.047
63 Dibromochloromethane	129		14.746	14.746	(0.951)	25655	0.04000	0.046
64 1,2-Dibromoethane	107		14.944	14.943	(0.963)	20716	0.04000	0.047
* 65 Chlorobenzene-d5	117		15.511	15.511	(1.000)	4569528	2.00000	
66 Chlorobenzene	112		15.548	15.548	(1.002)	37151	0.04000	0.048
67 Ethylbenzene	91		15.618	15.618	(1.007)	37349	0.04000	0.043
69 Xylene (m,p)	106		15.773	15.767	(1.017)	30137	0.08000	0.083
M 70 Xylene, Total	106					45044	0.12000	0.13
71 Xylene (o)	106		16.286	16.281	(1.050)	14907	0.04000	0.043
73 Bromoform	173		16.602	16.607	(1.070)	18790	0.04000	0.044
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	13800	0.04000	0.046
79 4-Ethyltoluene	105		17.313	17.308	(1.116)	21505	0.04000	0.038
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.120)	18804	0.04000	0.041
84 1,2,4-Trimethylbenzene	105		17.811	17.811	(1.148)	18461	0.04000	0.042

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: eew005.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417894
Lab Sample ID: ic 417894

Date: 02-NOV-2012 12:02
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32

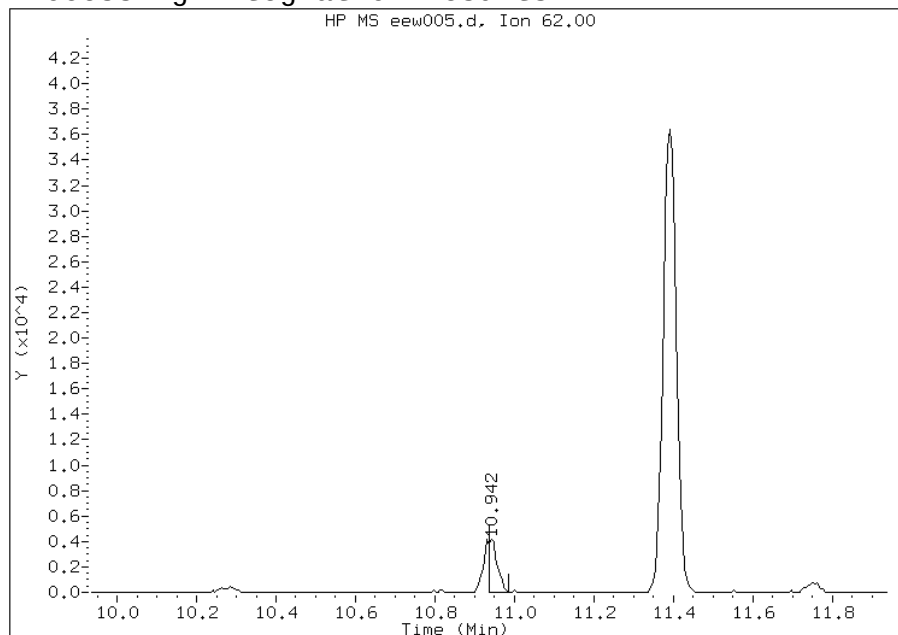


Manual Integration Report

Data File: eew005.d
Lab Sample ID: ic 417894
Inj. Date and Time: 02-NOV-2012 12:02
Instrument ID: E.i
Client ID:
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 11/07/2012

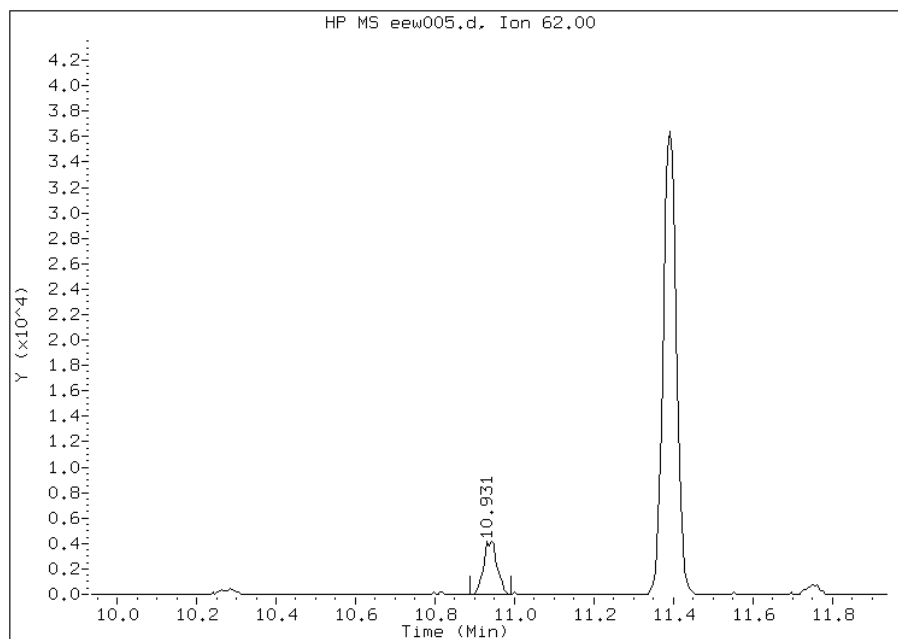
Processing Integration Results

RT: 10.94
Response: 6302
Amount: 0.032686
Conc: 0.032686



Manual Integration Results

RT: 10.93
Response: 9765
Amount: 0.046486
Conc: 0.046486



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew006.d
Lab Smp Id: ic 417896
Inj Date : 02-NOV-2012 12:56
Operator : wrd
Smp Info : ic 417896
Misc Info : 250,1,level 4
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 12:56
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: eeew006.d
Calibration Sample, Level: 4
Compound Sublist: T015LL+CRREL.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	250.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

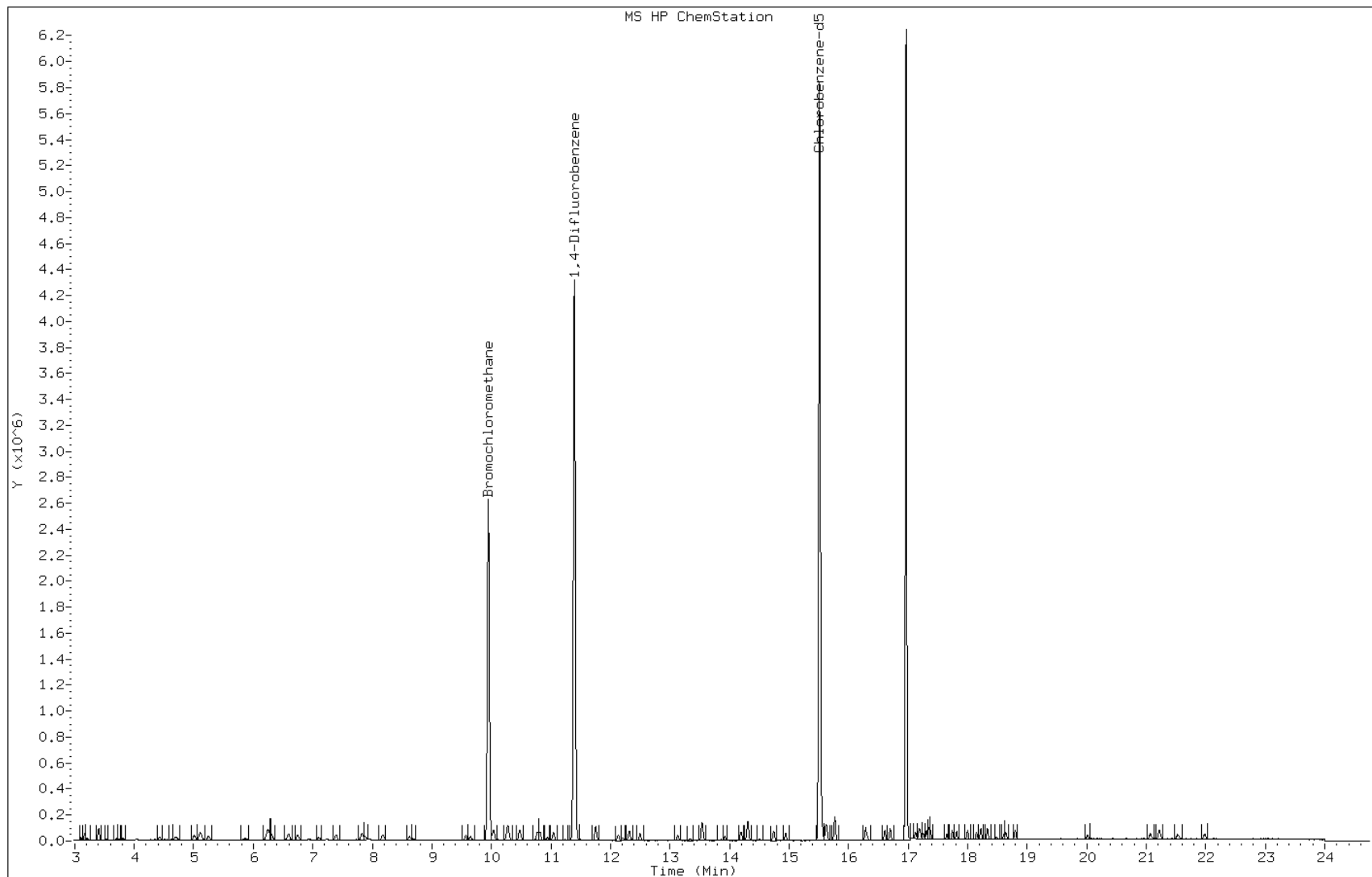
Cpnd Variable Local Compound Variable

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)	45946	0.10000	0.099
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.399	3.399	(0.342)	49868	0.10000	0.099
5 Chloromethane	50		3.532	3.533	(0.355)	10304	0.10000	0.11
7 Vinyl chloride	62		3.746	3.752	(0.377)	10523	0.10000	0.096
8 1,3-Butadiene	54		3.811	3.811	(0.383)	6846	0.10000	0.091
9 Bromomethane	94		4.426	4.426	(0.445)	17644	0.10000	0.098
10 Chloroethane	64		4.635	4.635	(0.466)	8586	0.10000	0.098
12 Vinyl bromide	106		5.014	5.014	(0.504)	36276	0.10000	0.096
13 Trichlorofluoromethane	101		5.111	5.111	(0.514)	84330	0.10000	0.098
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.245	6.245	(0.628)	67800	0.10000	0.095
19 1,1-Dichloroethene	96		6.309	6.314	(0.634)	33028	0.10000	0.092
22 Allyl chloride	41		7.101	7.101	(0.714)	16546	0.10000	0.092
25 Methylene chloride	49		7.395	7.390	(0.743)	26488	0.10000	0.11
27 1,2-Dichloroethene (trans)	61		7.828	7.818	(0.787)	32131	0.10000	0.093

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.882	7.877	(0.792)	50589	0.10000	0.095
30 n-Hexane	57		8.176	8.171	(0.822)	32759	0.10000	0.092
31 1,1-Dichloroethane	63		8.615	8.620	(0.866)	36841	0.10000	0.092
M 33 1,2-Dichloroethene, Total	61					62364	0.20000	0.18
34 1,2-Dichloroethene (cis)	96		9.572	9.572	(0.962)	30233	0.10000	0.091
* 36 Bromochloromethane	128		9.947	9.947	(1.000)	1288770	2.00000	
39 Chloroform	83		10.032	10.038	(1.009)	50331	0.10000	0.095
40 Cyclohexane	84		10.273	10.279	(0.902)	44538	0.10000	0.096
41 1,1,1-Trichloroethane	97		10.278	10.279	(0.902)	60041	0.10000	0.097
42 Carbon tetrachloride	117		10.476	10.476	(0.920)	74341	0.10000	0.097
43 2,2,4-Trimethylpentane	57		10.771	10.776	(0.946)	94506	0.10000	0.096
44 Benzene	78		10.824	10.819	(0.950)	73137	0.10000	0.094
45 1,2-Dichloroethane	62		10.936	10.937	(0.960)	22256	0.10000	0.097
46 n-Heptane	43		11.043	11.044	(0.969)	27975	0.10000	0.091
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5559856	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	38757	0.10000	0.089
50 1,2-Dichloropropane	63		12.129	12.130	(1.065)	20463	0.10000	0.099
54 Bromodichloromethane	83		12.499	12.493	(1.097)	46691	0.10000	0.096
55 1,3-Dichloropropene (cis)	75		13.130	13.130	(1.153)	28374	0.10000	0.095
58 Toluene	92		13.547	13.547	(0.873)	52716	0.10000	0.095
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	23386	0.10000	0.095
60 1,1,2-Trichloroethane	83		14.194	14.189	(0.915)	24005	0.10000	0.099
61 Tetrachloroethene	166		14.312	14.307	(0.923)	66644	0.10000	0.094
63 Dibromochloromethane	129		14.745	14.746	(0.951)	56807	0.10000	0.092
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	47160	0.10000	0.097
* 65 Chlorobenzene-d5	117		15.510	15.511	(1.000)	5039159	2.00000	
66 Chlorobenzene	112		15.553	15.548	(1.003)	87882	0.10000	0.10
67 Ethylbenzene	91		15.617	15.618	(1.007)	92590	0.10000	0.096
69 Xylene (m,p)	106		15.767	15.767	(1.017)	77466	0.20000	0.19
M 70 Xylene, Total	106					113555	0.30000	0.29
71 Xylene (o)	106		16.286	16.281	(1.050)	36089	0.10000	0.094
73 Bromoform	173		16.607	16.607	(1.071)	43355	0.10000	0.091
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	28409	0.10000	0.086
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	52085	0.10000	0.083
81 1,3,5-Trimethylbenzene	105		17.377	17.378	(1.120)	40739	0.10000	0.081
84 1,2,4-Trimethylbenzene	105		17.816	17.811	(1.149)	36705	0.10000	0.076

Data File: eew006.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417896
Lab Sample ID: ic 417896

Date: 02-NOV-2012 12:56
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew007.d
Lab Smp Id: icis 417896
Inj Date : 02-NOV-2012 13:50
Operator : wrd
Smp Info : icis 417896
Misc Info : 500,1,level 5
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 13:50
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: eeew007.d
Calibration Sample, Level: 5
Compound Sublist: T015LL+CRREL.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)

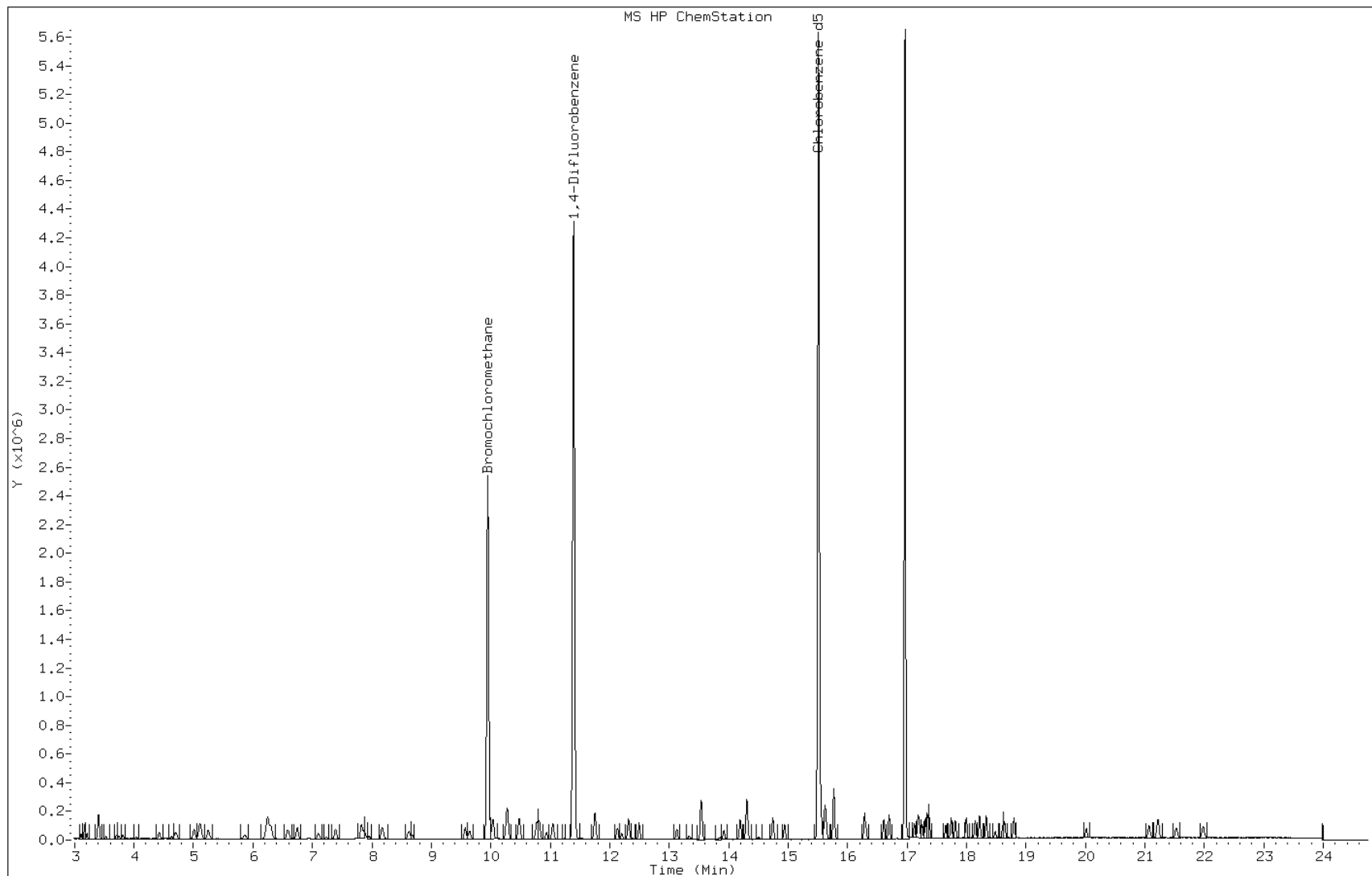
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	90722	0.20000	0.20	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.399	3.399	(0.342)	98104	0.20000	0.20	
5 Chloromethane	50	3.533	3.533	(0.355)	18663	0.20000	0.20	
7 Vinyl chloride	62	3.752	3.752	(0.377)	21409	0.20000	0.20	
8 1,3-Butadiene	54	3.811	3.811	(0.383)	13116	0.20000	0.18	
9 Bromomethane	94	4.426	4.426	(0.445)	33462	0.20000	0.19	
10 Chloroethane	64	4.635	4.635	(0.466)	16656	0.20000	0.20	
12 Vinyl bromide	106	5.014	5.014	(0.504)	68680	0.20000	0.19	
13 Trichlorofluoromethane	101	5.111	5.111	(0.514)	160597	0.20000	0.19	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.245	6.245	(0.628)	129765	0.20000	0.19	
19 1,1-Dichloroethene	96	6.314	6.314	(0.635)	62481	0.20000	0.18	
22 Allyl chloride	41	7.101	7.101	(0.714)	34935	0.20000	0.20	
25 Methylene chloride	49	7.390	7.390	(0.743)	45959	0.20000	0.21	
27 1,2-Dichloroethene (trans)	61	7.818	7.818	(0.786)	62795	0.20000	0.19	

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.877	7.877	(0.792)	106778	0.20000	0.21
30 n-Hexane	57		8.171	8.171	(0.821)	65727	0.20000	0.19
31 1,1-Dichloroethane	63		8.620	8.620	(0.867)	72665	0.20000	0.19
M 33 1,2-Dichloroethene, Total	61					121834	0.40000	0.37
34 1,2-Dichloroethene (cis)	96		9.572	9.572	(0.962)	59039	0.20000	0.18
* 36 Bromochloromethane	128		9.947	9.947	(1.000)	1236637	2.00000	
39 Chloroform	83		10.038	10.038	(1.009)	99813	0.20000	0.20
40 Cyclohexane	84		10.279	10.279	(0.902)	84001	0.20000	0.18
41 1,1,1-Trichloroethane	97		10.279	10.279	(0.902)	113894	0.20000	0.19
42 Carbon tetrachloride	117		10.476	10.476	(0.920)	140752	0.20000	0.19
43 2,2,4-Trimethylpentane	57		10.776	10.776	(0.946)	181417	0.20000	0.19
44 Benzene	78		10.819	10.819	(0.950)	144075	0.20000	0.19
45 1,2-Dichloroethane	62		10.937	10.937	(0.960)	44862	0.20000	0.20
46 n-Heptane	43		11.044	11.044	(0.969)	52698	0.20000	0.18
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5431105	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	73230	0.20000	0.17
50 1,2-Dichloropropane	63		12.130	12.130	(1.065)	40513	0.20000	0.20
54 Bromodichloromethane	83		12.493	12.493	(1.097)	93826	0.20000	0.20
55 1,3-Dichloropropene (cis)	75		13.130	13.130	(1.153)	57084	0.20000	0.20
58 Toluene	92		13.547	13.547	(0.873)	107308	0.20000	0.20
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	45352	0.20000	0.19
60 1,1,2-Trichloroethane	83		14.189	14.189	(0.915)	46997	0.20000	0.20
61 Tetrachloroethene	166		14.307	14.307	(0.922)	125105	0.20000	0.18
63 Dibromochloromethane	129		14.746	14.746	(0.951)	113708	0.20000	0.19
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	93036	0.20000	0.20
* 65 Chlorobenzene-d5	117		15.511	15.511	(1.000)	4820004	2.00000	
66 Chlorobenzene	112		15.548	15.548	(1.002)	167907	0.20000	0.21
67 Ethylbenzene	91		15.618	15.618	(1.007)	185012	0.20000	0.20
69 Xylene (m,p)	106		15.767	15.767	(1.017)	156425	0.40000	0.41
M 70 Xylene, Total	106					230036	0.60000	0.61
71 Xylene (o)	106		16.281	16.281	(1.050)	73611	0.20000	0.20
73 Bromoform	173		16.607	16.607	(1.071)	80919	0.20000	0.18
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	55594	0.20000	0.18
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	106365	0.20000	0.18
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.120)	86387	0.20000	0.18
84 1,2,4-Trimethylbenzene	105		17.811	17.811	(1.148)	79078	0.20000	0.17

Data File: eew007.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 417896
Lab Sample ID: icis 417896

Date: 02-NOV-2012 13:50
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew008.d
 Lab Smp Id: ic 417897
 Inj Date : 02-NOV-2012 14:44
 Operator : wrd
 Smp Info : ic 417897
 Misc Info : 250,1,level 6
 Comment :
 Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
 Meth Date : 05-Nov-2012 13:39 wrd
 Cal Date : 02-NOV-2012 14:44
 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: eeew008.d
 Calibration Sample, Level: 6
 Compound Sublist: T015LL+CRREL.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	250.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

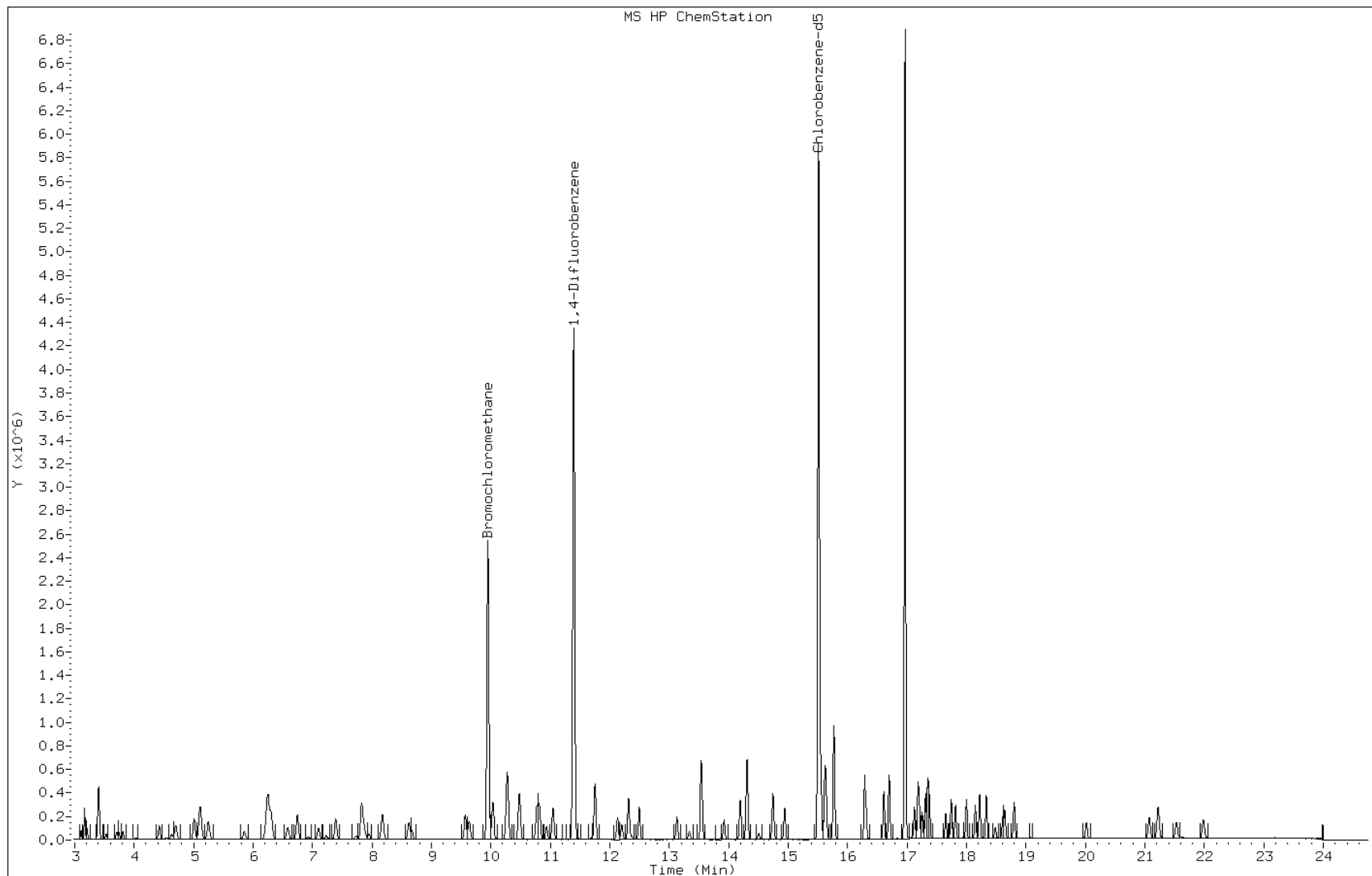
Cpnd Variable Local Compound Variable

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 (0.318)		236834	0.50000 0.53
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.404	3.399 (0.342)		259456	0.50000 0.54
5 Chloromethane	50		3.532	3.533 (0.355)		45428	0.50000 0.50
7 Vinyl chloride	62		3.746	3.752 (0.376)		53228	0.50000 0.51
8 1,3-Butadiene	54		3.811	3.811 (0.383)		32755	0.50000 0.45
9 Bromomethane	94		4.426	4.426 (0.445)		86276	0.50000 0.50
10 Chloroethane	64		4.634	4.635 (0.466)		43224	0.50000 0.51
12 Vinyl bromide	106		5.014	5.014 (0.504)		180432	0.50000 0.50
13 Trichlorofluoromethane	101		5.105	5.111 (0.513)		424365	0.50000 0.51
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.245	6.245 (0.627)		342718	0.50000 0.50
19 1,1-Dichloroethene	96		6.309	6.314 (0.634)		162579	0.50000 0.47
22 Allyl chloride	41		7.106	7.101 (0.714)		85137	0.50000 0.49
25 Methylene chloride	49		7.389	7.390 (0.742)		113477	0.50000 0.51
27 1,2-Dichloroethene (trans)	61		7.828	7.818 (0.787)		169830	0.50000 0.51

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.860	7.877	(0.790)	263504	0.50000	0.52
30 n-Hexane	57		8.176	8.171	(0.822)	167663	0.50000	0.49
31 1,1-Dichloroethane	63		8.620	8.620	(0.866)	186038	0.50000	0.48
M 33 1,2-Dichloroethene, Total	61					318471	1.00000	0.98
34 1,2-Dichloroethene (cis)	96		9.572	9.572	(0.962)	148641	0.50000	0.47
* 36 Bromochloromethane	128		9.952	9.947	(1.000)	1237238	2.00000	
39 Chloroform	83		10.038	10.038	(1.009)	247635	0.50000	0.49
40 Cyclohexane	84		10.278	10.279	(0.902)	218023	0.50000	0.47
41 1,1,1-Trichloroethane	97		10.278	10.279	(0.902)	300417	0.50000	0.49
42 Carbon tetrachloride	117		10.487	10.476	(0.921)	376130	0.50000	0.49
43 2,2,4-Trimethylpentane	57		10.781	10.776	(0.946)	444607	0.50000	0.46
44 Benzene	78		10.819	10.819	(0.950)	343482	0.50000	0.44
45 1,2-Dichloroethane	62		10.936	10.937	(0.960)	107085	0.50000	0.47
46 n-Heptane	43		11.043	11.044	(0.969)	127167	0.50000	0.42
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5521098	2.00000	
49 Trichloroethene	95		11.749	11.750	(1.031)	190806	0.50000	0.44
50 1,2-Dichloropropane	63		12.129	12.130	(1.065)	100638	0.50000	0.49
54 Bromodichloromethane	83		12.498	12.493	(1.097)	229705	0.50000	0.48
55 1,3-Dichloropropene (cis)	75		13.124	13.130	(1.152)	147623	0.50000	0.50
58 Toluene	92		13.547	13.547	(0.873)	254495	0.50000	0.46
59 1,3-Dichloropropene (trans)	75		13.927	13.922	(1.223)	122126	0.50000	0.50
60 1,1,2-Trichloroethane	83		14.194	14.189	(0.915)	115623	0.50000	0.47
61 Tetrachloroethene	166		14.312	14.307	(0.923)	301038	0.50000	0.43
63 Dibromochloromethane	129		14.745	14.746	(0.951)	299578	0.50000	0.49
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	239302	0.50000	0.49
* 65 Chlorobenzene-d5	117		15.510	15.511	(1.000)	5047254	2.00000	
66 Chlorobenzene	112		15.553	15.548	(1.003)	416636	0.50000	0.49
67 Ethylbenzene	91		15.617	15.618	(1.007)	490194	0.50000	0.51
69 Xylene (m,p)	106		15.767	15.767	(1.017)	435939	1.00000	1.1
M 70 Xylene, Total	106					651051	1.50000	1.6
71 Xylene (o)	106		16.286	16.281	(1.050)	215112	0.50000	0.56
73 Bromoform	173		16.607	16.607	(1.071)	242382	0.50000	0.51
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	142645	0.50000	0.43
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	299352	0.50000	0.48
81 1,3,5-Trimethylbenzene	105		17.377	17.378	(1.120)	220315	0.50000	0.44
84 1,2,4-Trimethylbenzene	105		17.816	17.811	(1.149)	183446	0.50000	0.38

Data File: eew008.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417897
Lab Sample ID: ic 417897

Date: 02-NOV-2012 14:44
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew009.d
Lab Smp Id: ic 417897
Inj Date : 02-NOV-2012 15:38
Operator : wrd
Smp Info : ic 417897
Misc Info : 375,1,level 7
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 15:38
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: eeew009.d
Calibration Sample, Level: 7
Compound Sublist: T015LL+CRREL.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	375.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

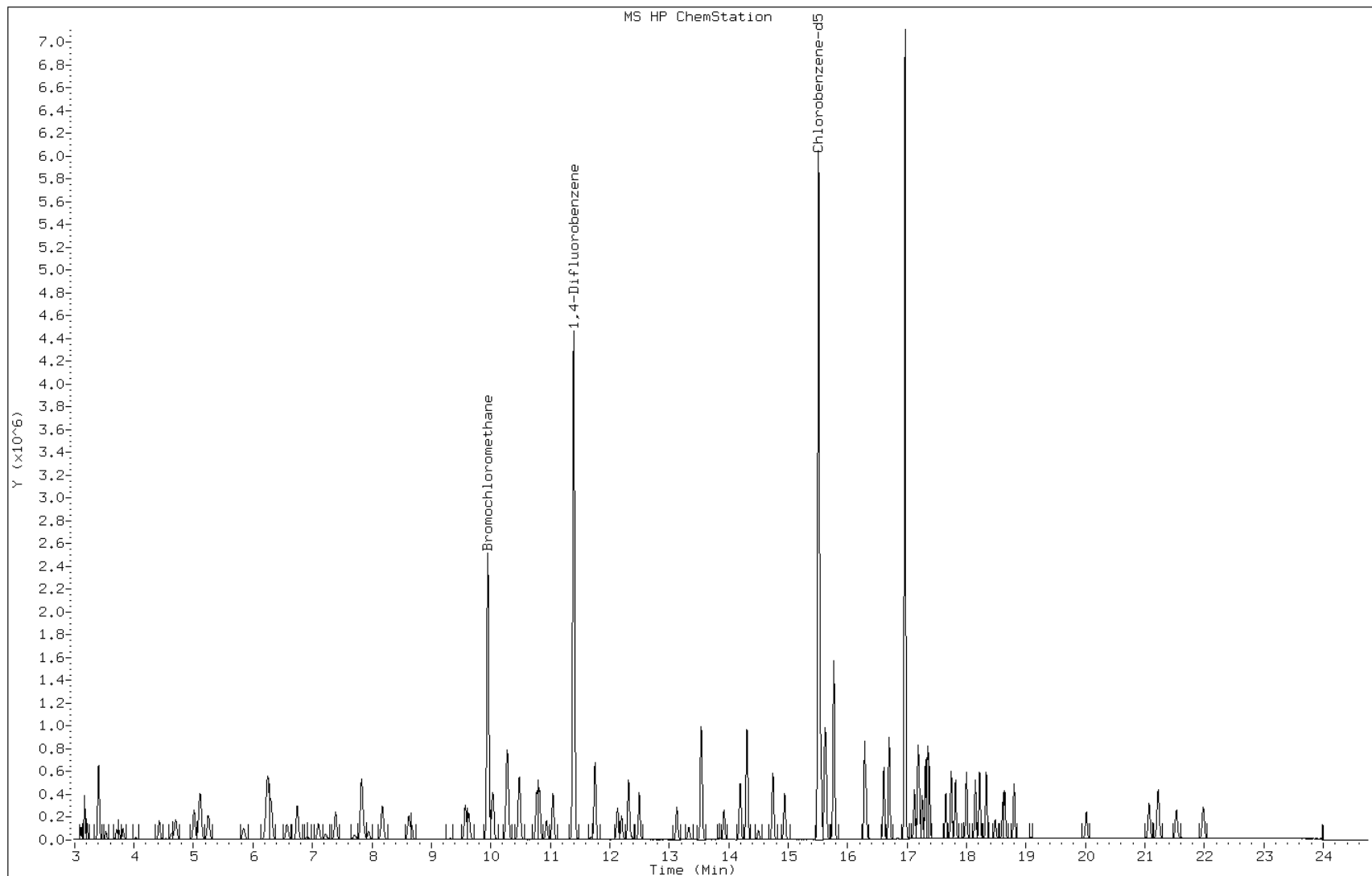
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COL
2 Dichlorodifluoromethane	85		3.169	3.169	(0.318)	354386	0.75000
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.399	3.399	(0.342)	380689	0.75000
5 Chloromethane	50		3.533	3.533	(0.355)	67438	0.75000
7 Vinyl chloride	62		3.746	3.752	(0.376)	77988	0.75000
8 1,3-Butadiene	54		3.816	3.811	(0.383)	48982	0.75000
9 Bromomethane	94		4.426	4.426	(0.445)	124471	0.75000
10 Chloroethane	64		4.635	4.635	(0.466)	61550	0.75000
12 Vinyl bromide	106		5.009	5.014	(0.503)	263805	0.75000
13 Trichlorofluoromethane	101		5.111	5.111	(0.514)	617741	0.75000
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.245	6.245	(0.627)	491440	0.75000
19 1,1-Dichloroethene	96		6.309	6.314	(0.634)	243276	0.75000
22 Allyl chloride	41		7.101	7.101	(0.713)	124058	0.75000
25 Methylene chloride	49		7.395	7.390	(0.743)	156809	0.75000
27 1,2-Dichloroethene (trans)	61		7.823	7.818	(0.786)	239543	0.75000

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.834	7.877	(0.787)	405974	0.75000	0.81
30 n-Hexane	57		8.176	8.171	(0.822)	233690	0.75000	0.69
31 1,1-Dichloroethane	63		8.620	8.620	(0.866)	266039	0.75000	0.70
M 33 1,2-Dichloroethene, Total	61					454088	1.50000	1.4
34 1,2-Dichloroethene (cis)	96		9.572	9.572	(0.962)	214545	0.75000	0.68
* 36 Bromochloromethane	128		9.952	9.947	(1.000)	1219277	2.00000	
39 Chloroform	83		10.038	10.038	(1.009)	350841	0.75000	0.70
40 Cyclohexane	84		10.273	10.279	(0.902)	303130	0.75000	0.65
41 1,1,1-Trichloroethane	97		10.278	10.279	(0.902)	416250	0.75000	0.67
42 Carbon tetrachloride	117		10.482	10.476	(0.920)	535021	0.75000	0.69
43 2,2,4-Trimethylpentane	57		10.776	10.776	(0.946)	646711	0.75000	0.66
44 Benzene	78		10.819	10.819	(0.950)	513847	0.75000	0.66
45 1,2-Dichloroethane	62		10.936	10.937	(0.960)	161463	0.75000	0.70
46 n-Heptane	43		11.043	11.044	(0.969)	186386	0.75000	0.60
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5580540	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	265740	0.75000	0.61
50 1,2-Dichloropropane	63		12.129	12.130	(1.065)	145375	0.75000	0.70
54 Bromodichloromethane	83		12.499	12.493	(1.097)	338798	0.75000	0.70
55 1,3-Dichloropropene (cis)	75		13.125	13.130	(1.152)	219137	0.75000	0.73
58 Toluene	92		13.547	13.547	(0.873)	376948	0.75000	0.67
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	186555	0.75000	0.76
60 1,1,2-Trichloroethane	83		14.189	14.189	(0.915)	174477	0.75000	0.70
61 Tetrachloroethene	166		14.307	14.307	(0.922)	434984	0.75000	0.60
63 Dibromochloromethane	129		14.745	14.746	(0.951)	449016	0.75000	0.72
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	354601	0.75000	0.71
* 65 Chlorobenzene-d5	117		15.510	15.511	(1.000)	5130367	2.00000	
66 Chlorobenzene	112		15.548	15.548	(1.002)	616279	0.75000	0.72
67 Ethylbenzene	91		15.623	15.618	(1.007)	756170	0.75000	0.77
69 Xylene (m,p)	106		15.767	15.767	(1.017)	690214	1.50000	1.7
M 70 Xylene, Total	106					1026728	2.25000	2.6
71 Xylene (o)	106		16.286	16.281	(1.050)	336514	0.75000	0.86
73 Bromoform	173		16.607	16.607	(1.071)	379427	0.75000	0.78
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	229801	0.75000	0.68
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	539140	0.75000	0.84
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.120)	396713	0.75000	0.78
84 1,2,4-Trimethylbenzene	105		17.816	17.811	(1.149)	336438	0.75000	0.69

Data File: eew009.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417897
Lab Sample ID: ic 417897

Date: 02-NOV-2012 15:38
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew010.d
Lab Smp Id: ic 417897
Inj Date : 02-NOV-2012 16:32
Operator : wrd
Smp Info : ic 417897
Misc Info : 500,1,level 8
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 16:32
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: eeew010.d
Calibration Sample, Level: 8
Compound Sublist: T015LL+CRREL.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	ON-COL
							(ppb v/vv)	(ppb v/vv)
2 Dichlorodifluoromethane	85		3.169	3.169	(0.318)	472156	1.00000	1.0(A)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.404	3.399	(0.342)	497196	1.00000	1.0(A)
5 Chloromethane	50		3.533	3.533	(0.355)	87644	1.00000	0.96
7 Vinyl chloride	62		3.747	3.752	(0.376)	104511	1.00000	1.00
8 1,3-Butadiene	54		3.816	3.811	(0.383)	62832	1.00000	0.87
9 Bromomethane	94		4.426	4.426	(0.445)	164720	1.00000	0.95
10 Chloroethane	64		4.635	4.635	(0.466)	83305	1.00000	0.99
12 Vinyl bromide	106		5.014	5.014	(0.504)	344577	1.00000	0.96
13 Trichlorofluoromethane	101		5.111	5.111	(0.514)	812826	1.00000	0.99
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.245	6.245	(0.627)	656275	1.00000	0.96
19 1,1-Dichloroethene	96		6.309	6.314	(0.634)	316982	1.00000	0.93
22 Allyl chloride	41		7.101	7.101	(0.713)	170079	1.00000	0.99
25 Methylene chloride	49		7.390	7.390	(0.743)	212908	1.00000	0.96
27 1,2-Dichloroethene (trans)	61		7.823	7.818	(0.786)	323099	1.00000	0.98

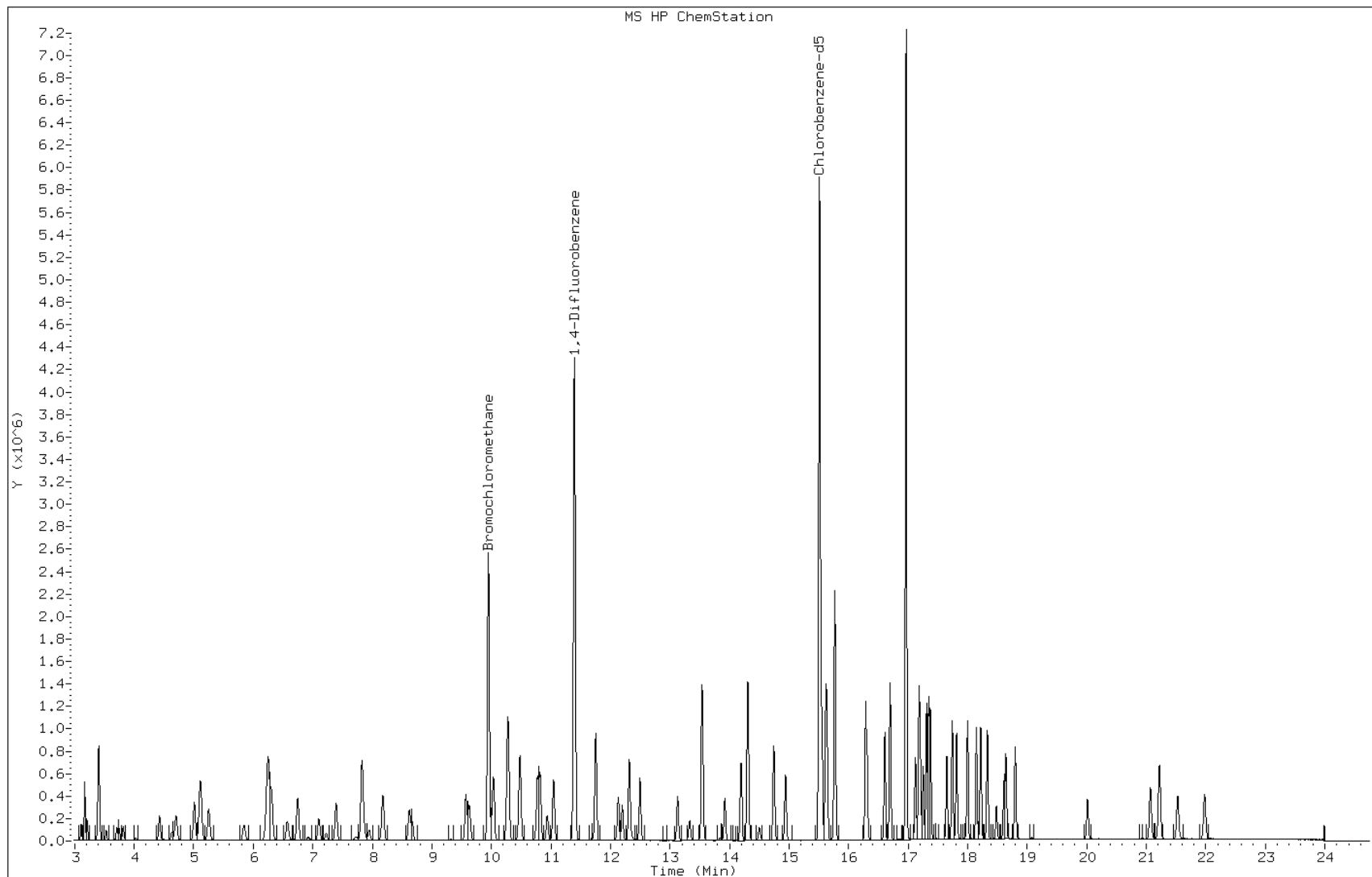
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73	7.844	7.877	(0.788)	540729	1.00000	1.1(A)
30 n-Hexane	57	8.176	8.171	(0.822)	320903	1.00000	0.94
31 1,1-Dichloroethane	63	8.620	8.620	(0.866)	361371	1.00000	0.94
M 33 1,2-Dichloroethene, Total	61				618091	2.00000	1.9
34 1,2-Dichloroethene (cis)	96	9.572	9.572	(0.962)	294992	1.00000	0.93
* 36 Bromochloromethane	128	9.952	9.947	(1.000)	1234169	2.00000	
39 Chloroform	83	10.038	10.038	(1.009)	480151	1.00000	0.95
40 Cyclohexane	84	10.279	10.279	(0.902)	424719	1.00000	0.93
41 1,1,1-Trichloroethane	97	10.273	10.279	(0.902)	578438	1.00000	0.95
42 Carbon tetrachloride	117	10.482	10.476	(0.920)	717464	1.00000	0.95
43 2,2,4-Trimethylpentane	57	10.776	10.776	(0.946)	867369	1.00000	0.90
44 Benzene	78	10.819	10.819	(0.950)	701157	1.00000	0.92
45 1,2-Dichloroethane	62	10.937	10.937	(0.960)	220446	1.00000	0.98
46 n-Heptane	43	11.044	11.044	(0.969)	255213	1.00000	0.84
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	5467009	2.00000	
49 Trichloroethene	95	11.750	11.750	(1.031)	376874	1.00000	0.88
50 1,2-Dichloropropane	63	12.130	12.130	(1.065)	197995	1.00000	0.97
54 Bromodichloromethane	83	12.499	12.493	(1.097)	469202	1.00000	0.98
55 1,3-Dichloropropene (cis)	75	13.125	13.130	(1.152)	305339	1.00000	1.0(A)
58 Toluene	92	13.547	13.547	(0.873)	537999	1.00000	0.98
59 1,3-Dichloropropene (trans)	75	13.927	13.922	(1.223)	271555	1.00000	1.1(A)
60 1,1,2-Trichloroethane	83	14.189	14.189	(0.915)	244715	1.00000	1.0(A)
61 Tetrachloroethene	166	14.312	14.307	(0.923)	622206	1.00000	0.88
63 Dibromochloromethane	129	14.746	14.746	(0.951)	655123	1.00000	1.1(A)
64 1,2-Dibromoethane	107	14.944	14.943	(0.963)	514516	1.00000	1.0(A)
* 65 Chlorobenzene-d5	117	15.511	15.511	(1.000)	5026011	2.00000	
66 Chlorobenzene	112	15.548	15.548	(1.002)	882726	1.00000	1.0
67 Ethylbenzene	91	15.618	15.618	(1.007)	1064877	1.00000	1.1(A)
69 Xylene (m,p)	106	15.767	15.767	(1.017)	994441	2.00000	2.5(A)
M 70 Xylene, Total	106				1475123	3.00000	3.8
71 Xylene (o)	106	16.286	16.281	(1.050)	480682	1.00000	1.2(A)
73 Bromoform	173	16.607	16.607	(1.071)	562550	1.00000	1.2(A)
75 1,1,2,2-Tetrachloroethane	83	17.126	17.121	(1.104)	409306	1.00000	1.2(A)
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	936312	1.00000	1.5(A)
81 1,3,5-Trimethylbenzene	105	17.378	17.378	(1.120)	720583	1.00000	1.4(A)
84 1,2,4-Trimethylbenzene	105	17.816	17.811	(1.149)	631002	1.00000	1.3

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: eew010.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417897
Lab Sample ID: ic 417897

Date: 02-NOV-2012 16:32
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew011.d
Lab Smp Id: ic 417588
Inj Date : 02-NOV-2012 17:26
Operator : wrd
Smp Info : ic 417588
Misc Info : 150,1,level 9
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 17:26
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: eeew011.d
Calibration Sample, Level: 9
Compound Sublist: T015LL+CRREL.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						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	(0.318)	739957	1.50000	1.6(A)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.404	3.399	(0.342)	808359	1.50000	1.6(A)
5 Chloromethane	50		3.532	3.533	(0.355)	136889	1.50000	1.4
7 Vinyl chloride	62		3.746	3.752	(0.376)	169503	1.50000	1.6(A)
8 1,3-Butadiene	54		3.811	3.811	(0.383)	103141	1.50000	1.4(A)
9 Bromomethane	94		4.426	4.426	(0.445)	266532	1.50000	1.5(A)
10 Chloroethane	64		4.634	4.635	(0.466)	136250	1.50000	1.6(A)
12 Vinyl bromide	106		5.009	5.014	(0.503)	567363	1.50000	1.5(A)
13 Trichlorofluoromethane	101		5.111	5.111	(0.514)	1320804	1.50000	1.5(A)
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.250	6.245	(0.628)	1063347	1.50000	1.5(A)
19 1,1-Dichloroethene	96		6.309	6.314	(0.634)	513852	1.50000	1.4(A)
22 Allyl chloride	41		7.101	7.101	(0.713)	249709	1.50000	1.4(A)
25 Methylene chloride	49		7.390	7.390	(0.742)	324215	1.50000	1.4
27 1,2-Dichloroethene (trans)	61		7.823	7.818	(0.786)	517753	1.50000	1.5(A)

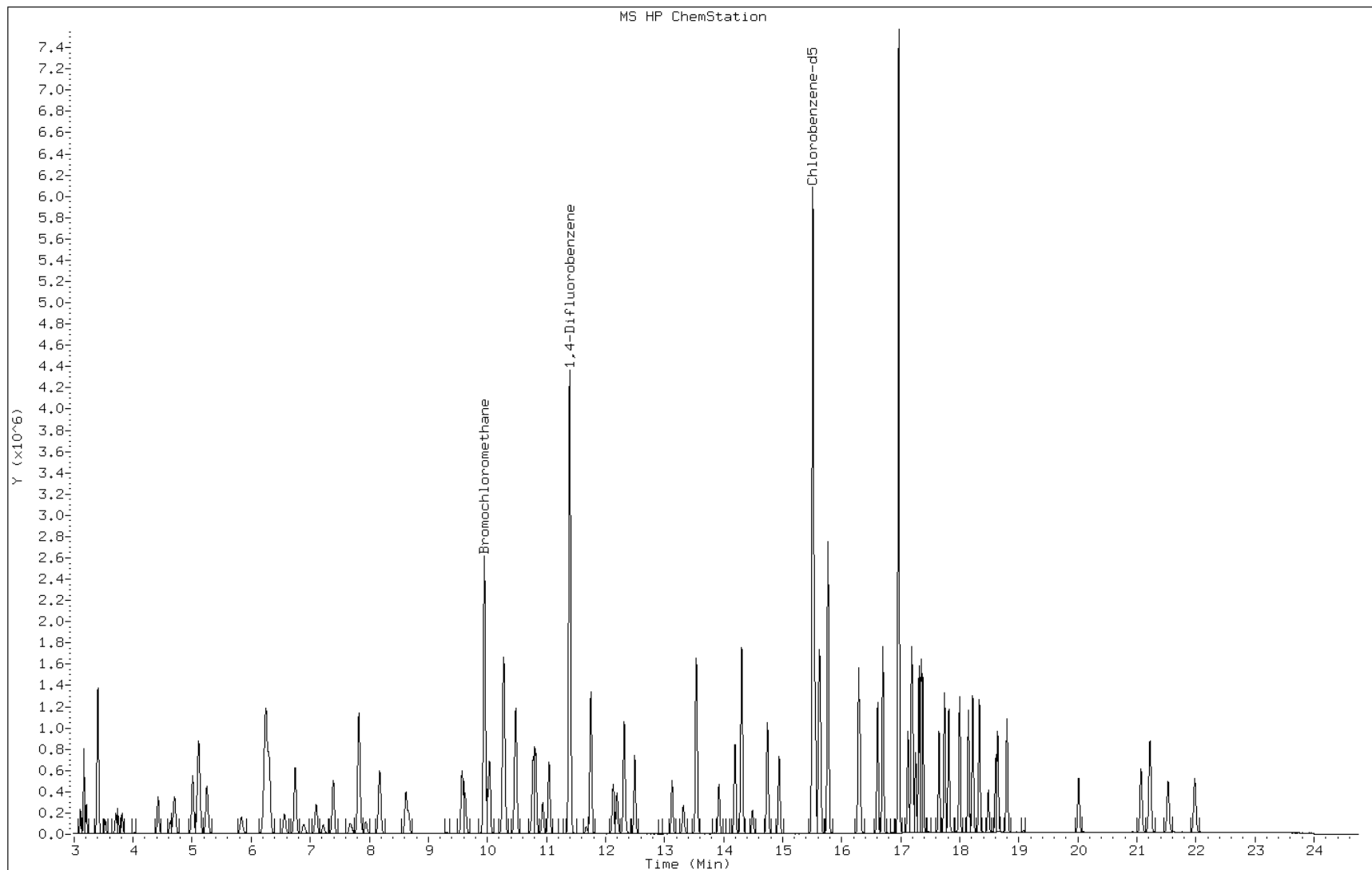
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	=====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.823	7.877	(0.786)	663507	1.50000	1.2(A)
30 n-Hexane	57		8.176	8.171	(0.822)	479332	1.50000	1.3(A)
31 1,1-Dichloroethane	63		8.620	8.620	(0.866)	517913	1.50000	1.3(A)
M 33 1,2-Dichloroethene, Total	61					942948	3.00000	2.8
34 1,2-Dichloroethene (cis)	96		9.567	9.572	(0.961)	425195	1.50000	1.3(A)
* 36 Bromochloromethane	128		9.952	9.947	(1.000)	1285695	2.00000	
39 Chloroform	83		10.038	10.038	(1.009)	665152	1.50000	1.3(A)
40 Cyclohexane	84		10.273	10.279	(0.902)	674971	1.50000	1.4(A)
41 1,1,1-Trichloroethane	97		10.278	10.279	(0.902)	857937	1.50000	1.4(A)
42 Carbon tetrachloride	117		10.482	10.476	(0.920)	1125008	1.50000	1.4(A)
43 2,2,4-Trimethylpentane	57		10.781	10.776	(0.946)	1092335	1.50000	1.1(A)
44 Benzene	78		10.819	10.819	(0.950)	908140	1.50000	1.2(A)
45 1,2-Dichloroethane	62		10.936	10.937	(0.960)	276977	1.50000	1.2(A)
46 n-Heptane	43		11.043	11.044	(0.969)	314774	1.50000	1.0(A)
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5626107	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	518340	1.50000	1.2(A)
50 1,2-Dichloropropane	63		12.129	12.130	(1.065)	249899	1.50000	1.2(A)
54 Bromodichloromethane	83		12.499	12.493	(1.097)	612760	1.50000	1.2(A)
55 1,3-Dichloropropene (cis)	75		13.124	13.130	(1.152)	386434	1.50000	1.3(A)
58 Toluene	92		13.547	13.547	(0.873)	646491	1.50000	1.1(A)
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	342080	1.50000	1.4(A)
60 1,1,2-Trichloroethane	83		14.194	14.189	(0.915)	300734	1.50000	1.2(A)
61 Tetrachloroethene	166		14.312	14.307	(0.923)	774205	1.50000	1.1(A)
63 Dibromochloromethane	129		14.745	14.746	(0.951)	814961	1.50000	1.3(A)
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	642078	1.50000	1.3(A)
* 65 Chlorobenzene-d5	117		15.510	15.511	(1.000)	5164379	2.00000	
66 Chlorobenzene	112		15.548	15.548	(1.002)	1088379	1.50000	1.2
67 Ethylbenzene	91		15.617	15.618	(1.007)	1300490	1.50000	1.3(A)
69 Xylene (m,p)	106		15.767	15.767	(1.017)	1218484	3.00000	3.0(A)
M 70 Xylene, Total	106					1818685	4.50000	4.5
71 Xylene (o)	106		16.286	16.281	(1.050)	600201	1.50000	1.5(A)
73 Bromoform	173		16.607	16.607	(1.071)	735148	1.50000	1.5(A)
75 1,1,2,2-Tetrachloroethane	83		17.121	17.121	(1.104)	532607	1.50000	1.6(A)
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	1208551	1.50000	1.9(A)
81 1,3,5-Trimethylbenzene	105		17.377	17.378	(1.120)	919456	1.50000	1.8(A)
84 1,2,4-Trimethylbenzene	105		17.816	17.811	(1.149)	777079	1.50000	1.6

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: eew011.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417588
Lab Sample ID: ic 417588

Date: 02-NOV-2012 17:26
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew012.d
Lab Smp Id: ic 417588
Inj Date : 02-NOV-2012 18:20
Operator : wrd
Smp Info : ic 417588
Misc Info : 200,1,level 10
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:39 wrd
Cal Date : 02-NOV-2012 18:20
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: eeew012.d
Calibration Sample, Level: 10
Compound Sublist: T015LL+CRREL.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)	957071	2.00000	2.1(A)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.404	3.399	(0.342)	1033598	2.00000	2.1(A)
5 Chloromethane	50		3.533	3.533	(0.355)	178791	2.00000	1.9
7 Vinyl chloride	62		3.747	3.752	(0.377)	217583	2.00000	2.0(A)
8 1,3-Butadiene	54		3.811	3.811	(0.383)	133711	2.00000	1.8(A)
9 Bromomethane	94		4.426	4.426	(0.445)	336893	2.00000	1.9(A)
10 Chloroethane	64		4.635	4.635	(0.466)	170860	2.00000	2.0(A)
12 Vinyl bromide	106		5.014	5.014	(0.504)	735685	2.00000	2.0(A)
13 Trichlorofluoromethane	101		5.111	5.111	(0.514)	1733821	2.00000	2.1(A)
17 1,1,2-Trichloro-1,2,2-Trifluo	101		6.250	6.245	(0.628)	1402916	2.00000	2.0(A)
19 1,1-Dichloroethene	96		6.309	6.314	(0.634)	696125	2.00000	2.0(A)
22 Allyl chloride	41		7.106	7.101	(0.714)	310906	2.00000	1.8(A)
25 Methylene chloride	49		7.390	7.390	(0.743)	416080	2.00000	1.9
27 1,2-Dichloroethene (trans)	61		7.823	7.818	(0.786)	674502	2.00000	2.0(A)

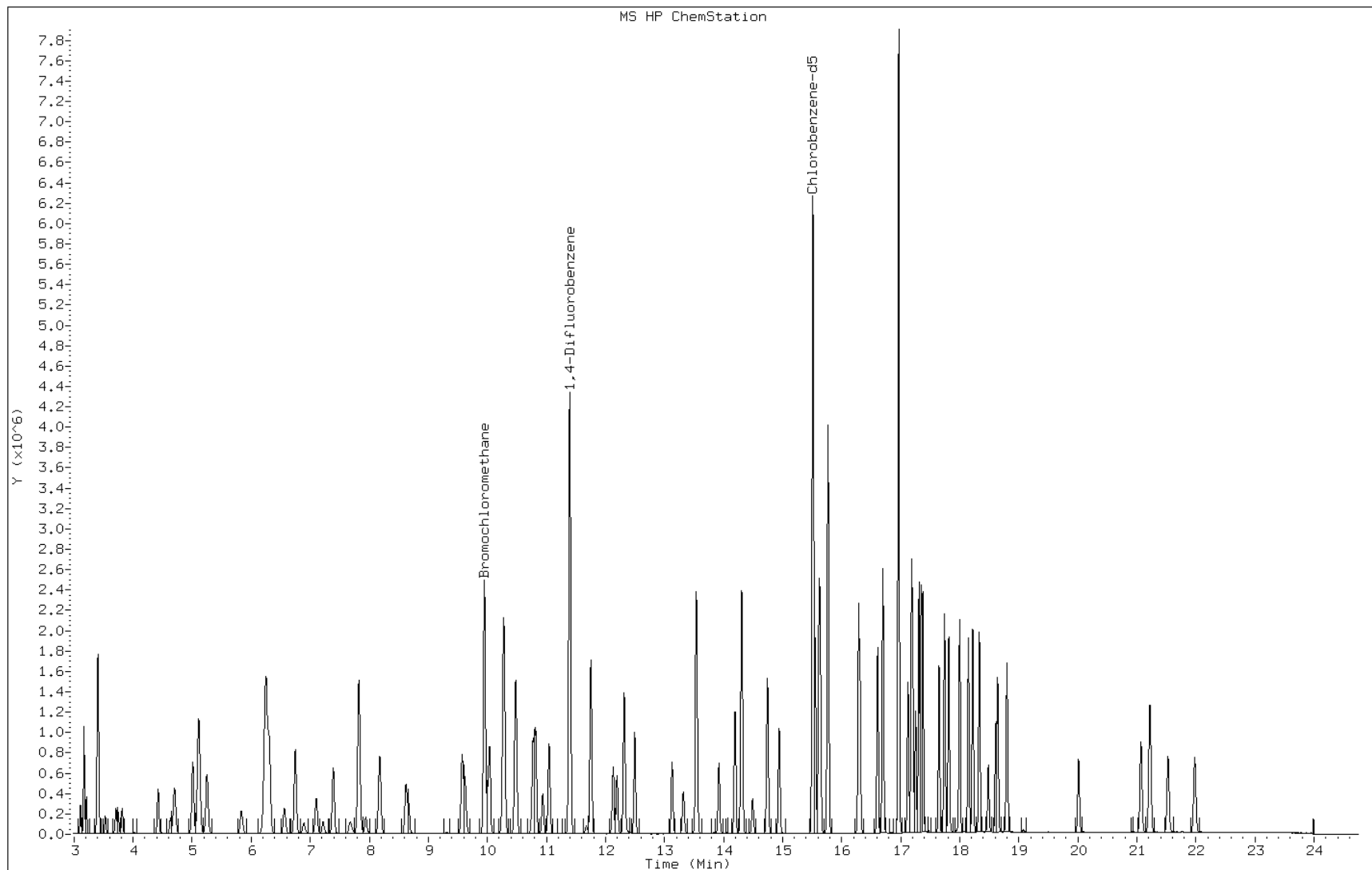
Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.828	7.877	(0.787)	948995	2.00000	1.8(A)
30 n-Hexane	57		8.176	8.171	(0.822)	620642	2.00000	1.8(A)
31 1,1-Dichloroethane	63		8.620	8.620	(0.867)	643466	2.00000	1.7(A)
M 33 1,2-Dichloroethene, Total	61					1230765	4.00000	3.7
34 1,2-Dichloroethene (cis)	96		9.572	9.572	(0.962)	556263	2.00000	1.7(A)
* 36 Bromochloromethane	128		9.947	9.947	(1.000)	1246803	2.00000	
39 Chloroform	83		10.038	10.038	(1.009)	854127	2.00000	1.7(A)
40 Cyclohexane	84		10.273	10.279	(0.902)	887451	2.00000	1.9(A)
41 1,1,1-Trichloroethane	97		10.279	10.279	(0.902)	1065656	2.00000	1.7(A)
42 Carbon tetrachloride	117		10.482	10.476	(0.920)	1467758	2.00000	1.9(A)
43 2,2,4-Trimethylpentane	57		10.776	10.776	(0.946)	1436507	2.00000	1.4(A)
44 Benzene	78		10.819	10.819	(0.950)	1214537	2.00000	1.5(A)
45 1,2-Dichloroethane	62		10.937	10.937	(0.960)	378243	2.00000	1.6(A)
46 n-Heptane	43		11.044	11.044	(0.969)	411603	2.00000	1.3(A)
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	5635109	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	663478	2.00000	1.5(A)
50 1,2-Dichloropropane	63		12.130	12.130	(1.065)	344354	2.00000	1.6(A)
54 Bromodichloromethane	83		12.499	12.493	(1.097)	829724	2.00000	1.7(A)
55 1,3-Dichloropropene (cis)	75		13.125	13.130	(1.152)	549655	2.00000	1.8(A)
58 Toluene	92		13.547	13.547	(0.873)	935608	2.00000	1.6(A)
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	497756	2.00000	2.0(A)
60 1,1,2-Trichloroethane	83		14.195	14.189	(0.915)	429884	2.00000	1.7(A)
61 Tetrachloroethene	166		14.307	14.307	(0.922)	1067874	2.00000	1.4(A)
63 Dibromochloromethane	129		14.746	14.746	(0.951)	1174523	2.00000	1.8(A)
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	925089	2.00000	1.8(A)
* 65 Chlorobenzene-d5	117		15.511	15.511	(1.000)	5309886	2.00000	
66 Chlorobenzene	112		15.553	15.548	(1.003)	1550311	2.00000	1.7
67 Ethylbenzene	91		15.618	15.618	(1.007)	1878155	2.00000	1.8(A)
69 Xylene (m,p)	106		15.767	15.767	(1.017)	1769153	4.00000	4.2(A)
M 70 Xylene, Total	106					2637719	6.00000	6.4
71 Xylene (o)	106		16.286	16.281	(1.050)	868566	2.00000	2.1(A)
73 Bromoform	173		16.607	16.607	(1.071)	1077460	2.00000	2.2(A)
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	824318	2.00000	2.4(A)
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	1912626	2.00000	2.9(A)
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.120)	1472783	2.00000	2.8(A)
84 1,2,4-Trimethylbenzene	105		17.816	17.811	(1.149)	1295694	2.00000	2.6(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: eew012.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 417588
Lab Sample ID: ic 417588

Date: 02-NOV-2012 18:20
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.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: ICV 200-47623/15 Calibration Date: 11/02/2012 21:01
 Instrument ID: E.i Calib Start Date: 11/02/2012 10:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/02/2012 18:20
 Lab File ID: eeew015.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	0.7225	0.7633		0.211	0.200	5.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7790	0.8174		0.209	0.200	4.9	30.0
Chloromethane	Ave	0.1475	0.1631		0.221	0.200	10.6	30.0
Vinyl chloride	Ave	0.1696	0.1726		0.203	0.200	1.8	30.0
1,3-Butadiene	Ave	0.1170	0.1199		0.204	0.200	2.5	30.0
Bromomethane	Ave	0.2803	0.2673		0.190	0.200	-4.7	30.0
Chloroethane	Ave	0.1358	0.1329		0.195	0.200	-2.1	30.0
Bromoethene (Vinyl Bromide)	Ave	0.5830	0.5732		0.196	0.200	-1.7	30.0
Trichlorofluoromethane	Ave	1.332	1.340		0.201	0.200	0.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.103	1.135		0.205	0.200	2.9	30.0
1,1-Dichloroethene	Ave	0.5535	0.5676		0.205	0.200	2.5	30.0
3-Chloropropene	Ave	0.2792	0.2970		0.212	0.200	6.4	30.0
Methylene Chloride	Ave	0.3582	0.3845		0.214	0.200	7.3	30.0
trans-1,2-Dichloroethene	Ave	0.5362	0.5099		0.190	0.200	-4.9	30.0
Methyl tert-butyl ether	Ave	0.8261	0.8013		0.194	0.200	-3.0	30.0
n-Hexane	Ave	0.5529	0.5472		0.197	0.200	-1.0	30.0
1,1-Dichloroethane	Ave	0.6194	0.5839		0.188	0.200	-5.7	30.0
cis-1,2-Dichloroethene	Ave	0.5155	0.4786		0.185	0.200	-7.2	30.0
Chloroform	Ave	0.8179	0.7716		0.188	0.200	-5.7	30.0
1,1,1-Trichloroethane	Ave	0.2219	0.2029		0.182	0.200	-8.6	30.0
Cyclohexane	Ave	0.1671	0.1507		0.180	0.200	-9.8	30.0
Carbon tetrachloride	Ave	0.2763	0.2482		0.179	0.200	-10.2	30.0
2,2,4-Trimethylpentane	Ave	0.3527	0.3192		0.181	0.200	-9.5	30.0
Benzene	Ave	0.2792	0.2444		0.175	0.200	-12.5	30.0
1,2-Dichloroethane	Ave	0.0826	0.0742		0.179	0.200	-10.1	30.0
n-Heptane	Ave	0.1105	0.0922		0.167	0.200	-16.5	30.0
Trichloroethene	Ave	0.1567	0.1327		0.169	0.200	-15.3	30.0
1,2-Dichloropropane	Ave	0.0745	0.0668		0.179	0.200	-10.4	30.0
Bromodichloromethane	Ave	0.1743	0.1625		0.186	0.200	-6.8	30.0
cis-1,3-Dichloropropene	Ave	0.1077	0.0899		0.166	0.200	-16.6	30.0
Toluene	Ave	0.2195	0.1911		0.174	0.200	-13.0	30.0
trans-1,3-Dichloropropene	Ave	0.0882	0.0746		0.169	0.200	-15.4	30.0
1,1,2-Trichloroethane	Ave	0.0965	0.0808		0.167	0.200	-16.2	30.0
Tetrachloroethene	Ave	0.2799	0.2345		0.167	0.200	-16.2	30.0
Dibromochloromethane	Ave	0.2441	0.2189		0.179	0.200	-10.3	30.0
1,2-Dibromoethane	Ave	0.1935	0.1660		0.171	0.200	-14.2	30.0
Chlorobenzene	Ave	0.3348	0.3013		0.180	0.200	-10.0	30.0
Ethylbenzene	Ave	0.3834	0.3389		0.176	0.200	-11.6	30.0
m-Xylene & p-Xylene	Ave	0.1581	0.1345		0.340	0.399	-14.9	30.0
o-Xylene	Ave	0.1528	0.1244		0.163	0.200	-18.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
SDG No.: 200-13910
Lab Sample ID: ICV 200-47623/15 Calibration Date: 11/02/2012 21:01
Instrument ID: E.i Calib Start Date: 11/02/2012 10:15
GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/02/2012 18:20
Lab File ID: eew015.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
Bromoform	Ave	0.1884	0.1470		0.156	0.200	-22.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1316	0.1060		0.161	0.200	-19.4	30.0
4-Ethyltoluene	Ave	0.2490	0.2349		0.188	0.200	-5.7	30.0
1,3,5-Trimethylbenzene	Ave	0.1988	0.1813		0.182	0.200	-8.8	30.0
1,2,4-Trimethylbenzene	Ave	0.1910	0.1642		0.172	0.200	-14.0	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeewto15.b/eeew015.d
Lab Smp Id: ICV 396325
Inj Date : 02-NOV-2012 21:01
Operator : wrd
Smp Info : ICV 396325
Misc Info : 500,1,ICV
Comment :
Method : /chem/E.i/Esvr.p/eeewto15.b/to15113t.m
Meth Date : 05-Nov-2012 13:45 wrd
Cal Date : 02-NOV-2012 18:20
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: eeew012.d
QC Sample: LCS
Compound Sublist: T015LL+CRREL.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)

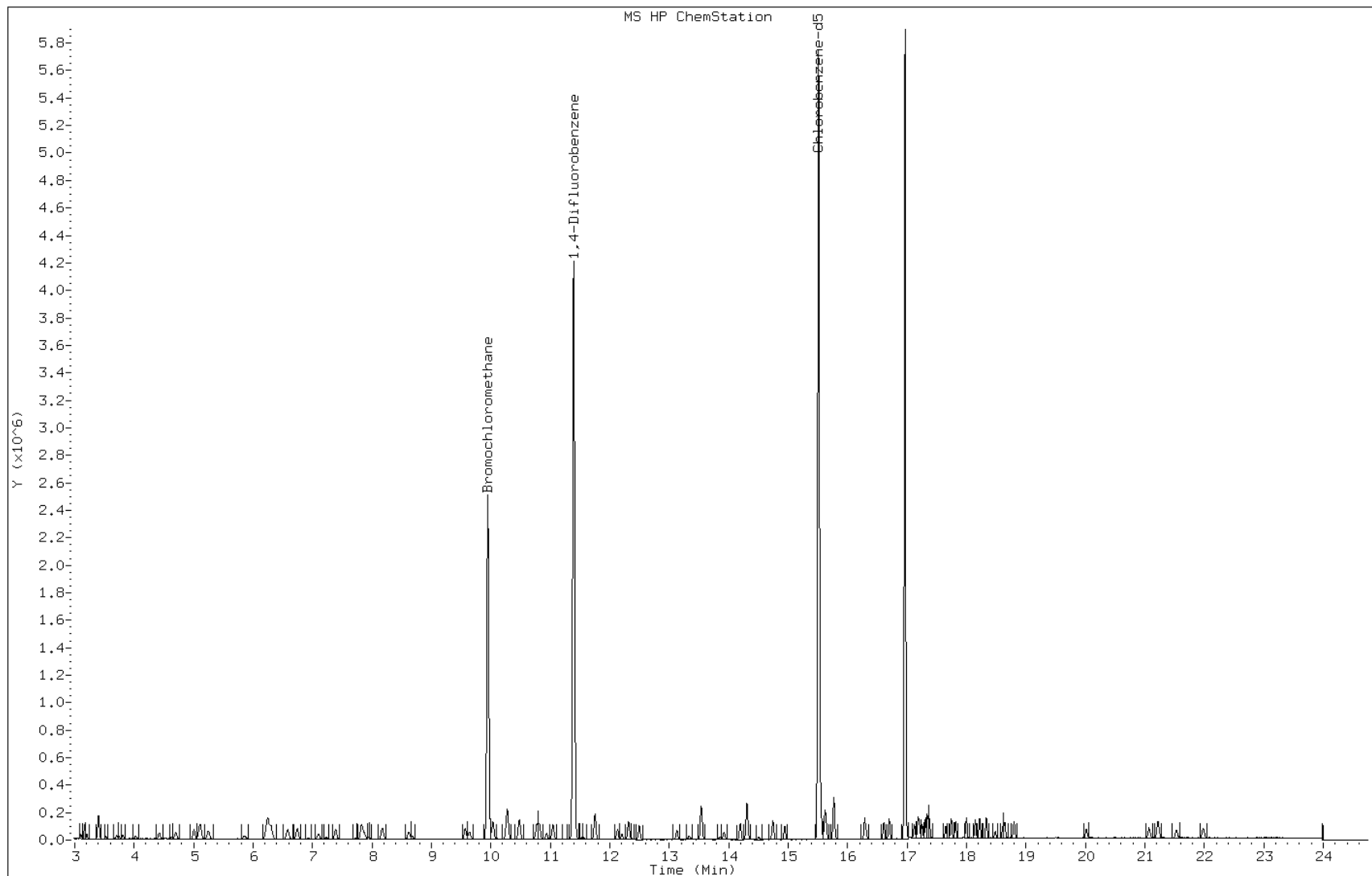
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	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)	91678	0.21080	0.21	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.399	3.399	(0.342)	98176	0.20938	0.21	
5 Chloromethane	50	3.532	3.533	(0.355)	19587	0.22060	0.22	
7 Vinyl chloride	62	3.746	3.752	(0.377)	20733	0.20306	0.20	
8 1,3-Butadiene	54	3.811	3.811	(0.383)	14399	0.20446	0.20	
9 Bromomethane	94	4.426	4.426	(0.445)	32098	0.19023	0.19	
10 Chloroethane	64	4.634	4.635	(0.466)	15963	0.19528	0.20	
12 Vinyl bromide	106	5.009	5.014	(0.504)	68841	0.19617	0.20	
13 Trichlorofluoromethane	101	5.111	5.111	(0.514)	160931	0.20071	0.20	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.245	6.245	(0.628)	136285	0.20528	0.20	
19 1,1-Dichloroethene	96	6.309	6.314	(0.634)	68165	0.20458	0.20	
22 Allyl chloride	41	7.106	7.101	(0.714)	35674	0.21226	0.21	
25 Methylene chloride	49	7.390	7.390	(0.743)	46174	0.21415	0.21	
27 1,2-Dichloroethene (trans)	61	7.823	7.818	(0.786)	61239	0.18973	0.19	

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73	7.860	7.877	(0.790)	96235	0.19354	0.19
30 n-Hexane	57	8.171	8.171	(0.821)	65722	0.19748	0.20
31 1,1-Dichloroethane	63	8.620	8.620	(0.867)	70131	0.18811	0.19
M 33 1,2-Dichloroethene, Total	61				118723	0.37498	0.37
34 1,2-Dichloroethene (cis)	96	9.567	9.572	(0.962)	57484	0.18525	0.18
* 36 Bromochloromethane	128	9.947	9.947	(1.000)	1203840	2.00000	
39 Chloroform	83	10.032	10.038	(1.009)	92667	0.18823	0.19
40 Cyclohexane	84	10.284	10.279	(0.903)	81469	0.17997	0.18
41 1,1,1-Trichloroethane	97	10.278	10.279	(0.902)	109648	0.18242	0.18
42 Carbon tetrachloride	117	10.482	10.476	(0.920)	134167	0.17924	0.18
43 2,2,4-Trimethylpentane	57	10.776	10.776	(0.946)	172534	0.18056	0.18
44 Benzene	78	10.819	10.819	(0.950)	132105	0.17467	0.17
45 1,2-Dichloroethane	62	10.942	10.937	(0.961)	40122	0.17939	0.18
46 n-Heptane	43	11.038	11.044	(0.969)	49845	0.16658	0.17
* 47 1,4-Difluorobenzene	114	11.391	11.391	(1.000)	5418038	2.00000	
49 Trichloroethene	95	11.750	11.750	(1.031)	71731	0.16901	0.17
50 1,2-Dichloropropane	63	12.129	12.130	(1.065)	36105	0.17886	0.18
54 Bromodichloromethane	83	12.499	12.493	(1.097)	87841	0.18599	0.18
55 1,3-Dichloropropene (cis)	75	13.130	13.130	(1.153)	48591	0.16649	0.17
58 Toluene	92	13.547	13.547	(0.873)	93505	0.17368	0.17
59 1,3-Dichloropropene (trans)	75	13.922	13.922	(1.222)	40330	0.16873	0.17
60 1,1,2-Trichloroethane	83	14.189	14.189	(0.915)	39550	0.16713	0.17
61 Tetrachloroethene	166	14.307	14.307	(0.922)	114745	0.16717	0.17
63 Dibromochloromethane	129	14.740	14.746	(0.950)	107119	0.17893	0.18
64 1,2-Dibromoethane	107	14.943	14.943	(0.963)	81227	0.17118	0.17
* 65 Chlorobenzene-d5	117	15.510	15.511	(1.000)	4904906	2.00000	
66 Chlorobenzene	112	15.548	15.548	(1.002)	147453	0.17958	0.18
67 Ethylbenzene	91	15.623	15.618	(1.007)	165825	0.17637	0.18
69 Xylene (m,p)	106	15.767	15.767	(1.017)	131647	0.33963	0.34
M 70 Xylene, Total	106				192524	0.50214	0.50
71 Xylene (o)	106	16.286	16.281	(1.050)	60877	0.16251	0.16
73 Bromoform	173	16.607	16.607	(1.071)	71926	0.15569	0.16
75 1,1,2,2-Tetrachloroethane	83	17.126	17.121	(1.104)	51869	0.16076	0.16
79 4-Ethyltoluene	105	17.308	17.308	(1.116)	114949	0.18822	0.19
81 1,3,5-Trimethylbenzene	105	17.377	17.378	(1.120)	88701	0.18194	0.18
84 1,2,4-Trimethylbenzene	105	17.816	17.811	(1.149)	80361	0.17159	0.17

Data File: eew015.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ICV 396325
Lab Sample ID: ICV 396325

Date: 02-NOV-2012 21:01
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.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: CCVIS 200-49025/2 Calibration Date: 12/04/2012 14:54
 Instrument ID: E.i Calib Start Date: 11/02/2012 10:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/02/2012 18:20
 Lab File ID: eewd002.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	0.7225	0.8499		0.235	0.200	17.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7790	0.8989		0.230	0.200	15.4	30.0
Chloromethane	Ave	0.1475	0.1698		0.230	0.200	15.1	30.0
Vinyl chloride	Ave	0.1696	0.2030		0.239	0.200	19.7	30.0
1,3-Butadiene	Ave	0.1170	0.1167		0.199	0.200	-0.3	30.0
Bromomethane	Ave	0.2803	0.3195		0.227	0.200	14.0	30.0
Chloroethane	Ave	0.1358	0.1518		0.223	0.200	11.8	30.0
Bromoethene (Vinyl Bromide)	Ave	0.5830	0.6022		0.206	0.200	3.3	30.0
Trichlorofluoromethane	Ave	1.332	1.379		0.207	0.200	3.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.103	1.090		0.197	0.200	-1.2	30.0
1,1-Dichloroethene	Ave	0.5535	0.5063		0.183	0.200	-8.5	30.0
3-Chloropropene	Ave	0.2792	0.2539		0.181	0.200	-9.1	30.0
Methylene Chloride	Ave	0.3582	0.3720		0.207	0.200	3.8	30.0
trans-1,2-Dichloroethene	Ave	0.5362	0.5108		0.190	0.200	-4.7	30.0
Methyl tert-butyl ether	Ave	0.8261	0.8371		0.202	0.200	1.3	30.0
n-Hexane	Ave	0.5529	0.4991		0.180	0.200	-9.7	30.0
1,1-Dichloroethane	Ave	0.6194	0.5753		0.185	0.200	-7.1	30.0
cis-1,2-Dichloroethene	Ave	0.5155	0.4732		0.183	0.200	-8.2	30.0
Chloroform	Ave	0.8179	0.8045		0.196	0.200	-1.6	30.0
1,1,1-Trichloroethane	Ave	0.2219	0.2117		0.190	0.200	-4.6	30.0
Cyclohexane	Ave	0.1671	0.1489		0.178	0.200	-10.9	30.0
Carbon tetrachloride	Ave	0.2763	0.2625		0.190	0.200	-5.0	30.0
2,2,4-Trimethylpentane	Ave	0.3527	0.3142		0.178	0.200	-10.9	30.0
Benzene	Ave	0.2792	0.2632		0.188	0.200	-5.7	30.0
1,2-Dichloroethane	Ave	0.0826	0.0818		0.198	0.200	-0.9	30.0
n-Heptane	Ave	0.1105	0.0926		0.167	0.200	-16.2	30.0
Trichloroethene	Ave	0.1567	0.1358		0.173	0.200	-13.3	30.0
1,2-Dichloropropane	Ave	0.0745	0.0751		0.201	0.200	0.8	30.0
Bromodichloromethane	Ave	0.1743	0.1691		0.194	0.200	-3.0	30.0
cis-1,3-Dichloropropene	Ave	0.1077	0.1024		0.190	0.200	-5.0	30.0
Toluene	Ave	0.2195	0.2053		0.187	0.200	-6.5	30.0
trans-1,3-Dichloropropene	Ave	0.0882	0.0856		0.194	0.200	-3.0	30.0
1,1,2-Trichloroethane	Ave	0.0965	0.0971		0.201	0.200	0.6	30.0
Tetrachloroethene	Ave	0.2799	0.2768		0.197	0.200	-1.1	30.0
Dibromochloromethane	Ave	0.2441	0.2274		0.186	0.200	-6.9	30.0
1,2-Dibromoethane	Ave	0.1935	0.1857		0.191	0.200	-4.0	30.0
Chlorobenzene	Ave	0.3348	0.3500		0.209	0.200	4.5	30.0
Ethylbenzene	Ave	0.3834	0.3744		0.195	0.200	-2.3	30.0
m-Xylene & p-Xylene	Ave	0.1581	0.1530		0.386	0.399	-3.2	30.0
o-Xylene	Ave	0.1528	0.1394		0.182	0.200	-8.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
SDG No.: 200-13910
Lab Sample ID: CCVIS 200-49025/2 Calibration Date: 12/04/2012 14:54
Instrument ID: E.i Calib Start Date: 11/02/2012 10:15
GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/02/2012 18:20
Lab File ID: eewd002.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
Bromoform	Ave	0.1884	0.1705		0.181	0.200	-9.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1316	0.1185		0.180	0.200	-9.9	30.0
4-Ethyltoluene	Ave	0.2490	0.2503		0.201	0.200	0.5	30.0
1,3,5-Trimethylbenzene	Ave	0.1988	0.1983		0.199	0.200	-0.3	30.0
1,2,4-Trimethylbenzene	Ave	0.1910	0.1799		0.188	0.200	-5.8	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeddto15.b/eedd002.d
 Lab Smp Id: ccvis 417896
 Inj Date : 04-DEC-2012 14:54
 Operator : wrd
 Smp Info : ccvis 417896
 Misc Info : 500,1,ccvis
 Comment :
 Method : /chem/E.i/Esvr.p/eeddto15.b/to15113t.m
 Meth Date : 05-Dec-2012 14:23 wrd
 Cal Date : 02-NOV-2012 18:20
 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: eew012.d
 Continuing Calibration Sample
 Compound Sublist: T015LL+CRREL.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)

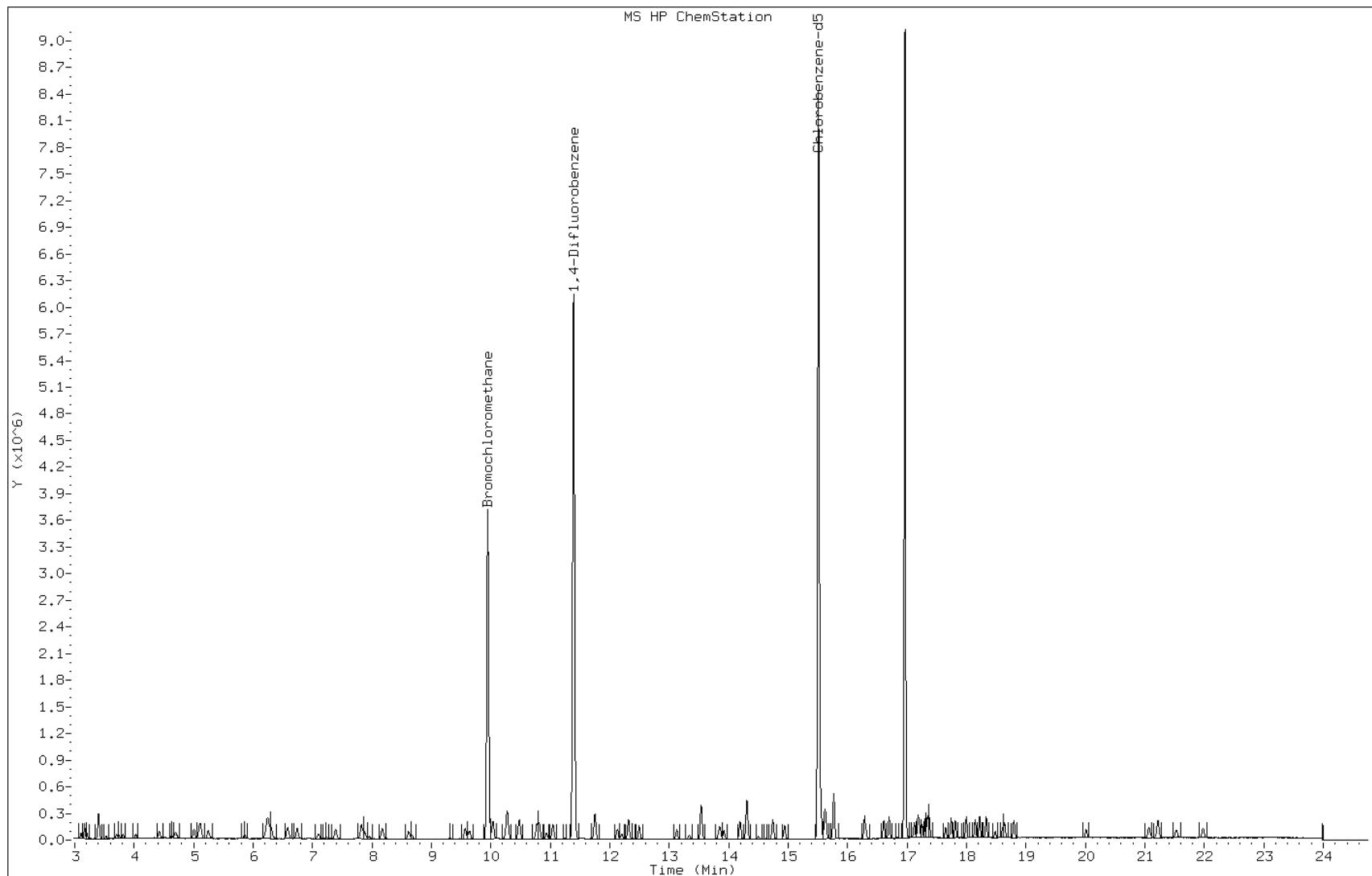
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/vv)	(ppb v/vv)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	3.169	3.169	(0.319)	155199	0.20000	0.23	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.399	3.399	(0.342)	164151	0.20000	0.23	
5 Chloromethane	50	3.532	3.533	(0.355)	31002	0.20000	0.23	
7 Vinyl chloride	62	3.746	3.752	(0.377)	37078	0.20000	0.24	
8 1,3-Butadiene	54	3.811	3.811	(0.383)	21308	0.20000	0.20	
9 Bromomethane	94	4.426	4.426	(0.445)	58348	0.20000	0.23	
10 Chloroethane	64	4.629	4.635	(0.465)	27724	0.20000	0.22	
12 Vinyl bromide	106	5.009	5.014	(0.504)	109979	0.20000	0.21	
13 Trichlorofluoromethane	101	5.105	5.111	(0.513)	251769	0.20000	0.21	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.250	6.245	(0.628)	199056	0.20000	0.20	
19 1,1-Dichloroethene	96	6.304	6.314	(0.634)	92457	0.20000	0.18	
22 Allyl chloride	41	7.106	7.101	(0.714)	46372	0.20000	0.18	
25 Methylene chloride	49	7.390	7.390	(0.743)	67925	0.20000	0.21	
27 1,2-Dichloroethene (trans)	61	7.823	7.818	(0.786)	93273	0.20000	0.19	

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
=====	====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.871	7.877	(0.791)	152867	0.20000	0.20
30 n-Hexane	57		8.176	8.171	(0.822)	91147	0.20000	0.18
31 1,1-Dichloroethane	63		8.615	8.620	(0.866)	105065	0.20000	0.18
M 33 1,2-Dichloroethene, Total	61					179689	0.40000	0.37
34 1,2-Dichloroethene (cis)	96		9.567	9.572	(0.962)	86416	0.20000	0.18
* 36 Bromochloromethane	128		9.947	9.947	(1.000)	1830410	2.00000	
39 Chloroform	83		10.038	10.038	(1.009)	146906	0.20000	0.20
40 Cyclohexane	84		10.278	10.279	(0.902)	118201	0.20000	0.18
41 1,1,1-Trichloroethane	97		10.278	10.279	(0.902)	168005	0.20000	0.19
42 Carbon tetrachloride	117		10.476	10.476	(0.920)	208355	0.20000	0.19
43 2,2,4-Trimethylpentane	57		10.776	10.776	(0.946)	249361	0.20000	0.18
44 Benzene	78		10.819	10.819	(0.950)	208892	0.20000	0.19
45 1,2-Dichloroethane	62		10.936	10.937	(0.960)	64930	0.20000	0.20
46 n-Heptane	43		11.043	11.044	(0.969)	73469	0.20000	0.17
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	7955179	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	107759	0.20000	0.17
50 1,2-Dichloropropane	63		12.124	12.130	(1.064)	59601	0.20000	0.20
54 Bromodichloromethane	83		12.499	12.493	(1.097)	134221	0.20000	0.19
55 1,3-Dichloropropene (cis)	75		13.124	13.130	(1.152)	81249	0.20000	0.19
58 Toluene	92		13.542	13.547	(0.873)	147735	0.20000	0.19
59 1,3-Dichloropropene (trans)	75		13.922	13.922	(1.222)	67930	0.20000	0.19
60 1,1,2-Trichloroethane	83		14.189	14.189	(0.915)	69853	0.20000	0.20
61 Tetrachloroethene	166		14.307	14.307	(0.922)	199262	0.20000	0.20
63 Dibromochloromethane	129		14.740	14.746	(0.950)	163670	0.20000	0.18
64 1,2-Dibromoethane	107		14.938	14.943	(0.963)	133649	0.20000	0.19
* 65 Chlorobenzene-d5	117		15.510	15.511	(1.000)	7214763	2.00000	
66 Chlorobenzene	112		15.548	15.548	(1.002)	251909	0.20000	0.21
67 Ethylbenzene	91		15.617	15.618	(1.007)	269500	0.20000	0.19
69 Xylene (m,p)	106		15.767	15.767	(1.017)	220275	0.40000	0.39
M 70 Xylene, Total	106					320601	0.60000	0.57
71 Xylene (o)	106		16.286	16.281	(1.050)	100326	0.20000	0.18
73 Bromoform	173		16.607	16.607	(1.071)	122750	0.20000	0.18
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	85300	0.20000	0.18
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	180138	0.20000	0.20
81 1,3,5-Trimethylbenzene	105		17.377	17.378	(1.120)	142706	0.20000	0.20
84 1,2,4-Trimethylbenzene	105		17.811	17.811	(1.148)	129485	0.20000	0.19

Data File: eewd002.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 417896
Lab Sample ID: ccvis 417896

Date: 04-DEC-2012 14:54
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/eehto15.b/eeht001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 02-NOV-2012 08:32
 Operator : wrd Inst ID: E.i
 Smp Info : BFB
 Misc Info : bfb
 Comment :
 Method : /chem/E.i/Esvr.p/eehto15.b/bfbto15.m
 Meth Date : 02-Nov-2012 08:37 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

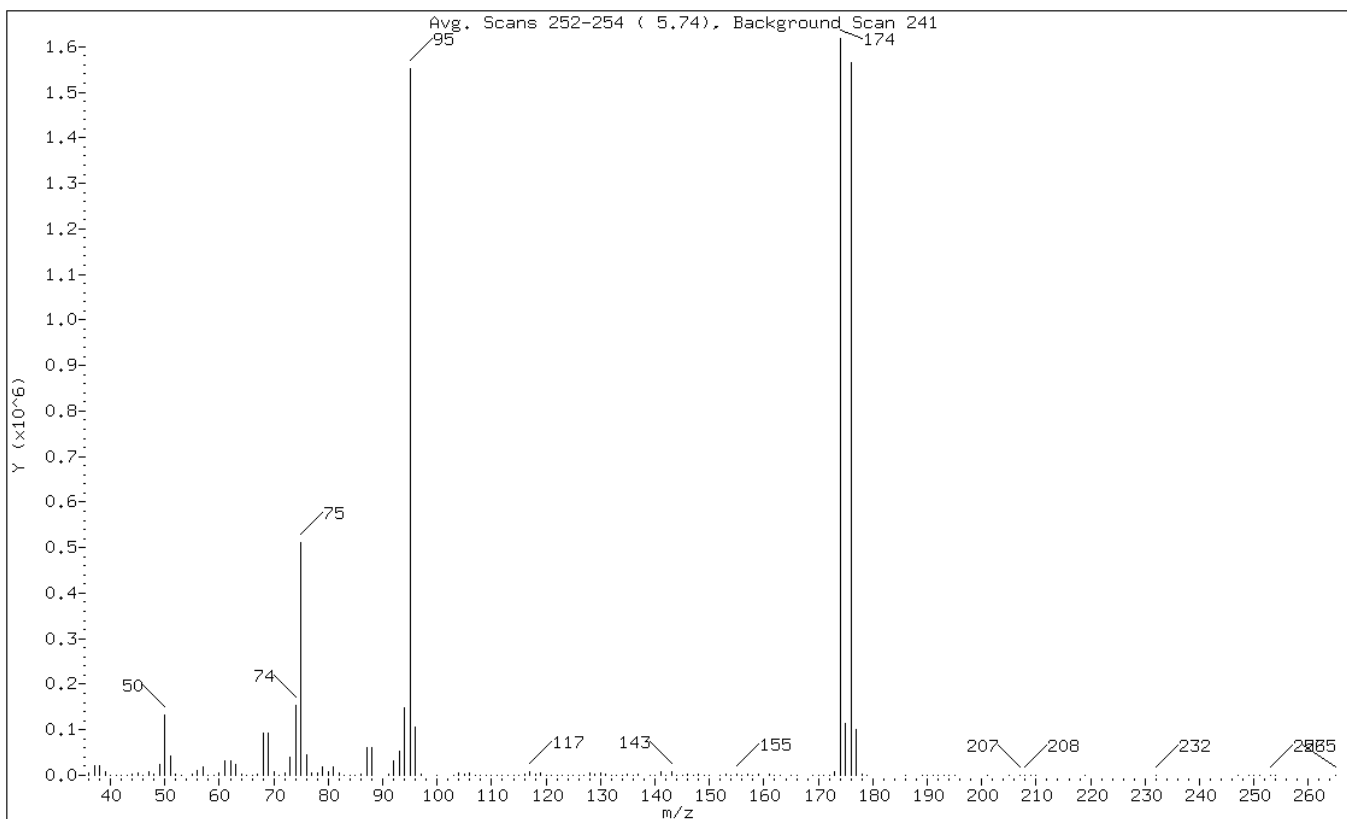
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.735	5.700	0.035	95	1550933			100.00-	100.00	95.86
5.735	5.700	0.035	50	132673			8.00-	40.00	8.55
5.735	5.700	0.035	75	511827			30.00-	66.00	33.00
5.735	5.700	0.035	96	105763			5.00-	9.00	6.82
5.735	5.700	0.035	173	7012			0.00-	2.00	0.43
5.735	5.700	0.035	174	1617920			50.00-	120.00	104.32
5.735	5.700	0.035	175	113698			4.00-	9.00	7.03
5.735	5.700	0.035	176	1563989			93.00-	101.00	96.67
5.735	5.700	0.035	177	101290			5.00-	9.00	6.48

Data File: eew001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 02-NOV-2012 08:32
 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	8.55
75	30.00 - 66.00% of mass 95	33.00
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.45 (0.43)
174	50.00 - 120.00% of mass 95	104.32
175	4.00 - 9.00% of mass 174	7.33 (7.03)
176	93.00 - 101.00% of mass 174	100.84 (96.67)
177	5.00 - 9.00% of mass 176	6.53 (6.48)

Data File: eew001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

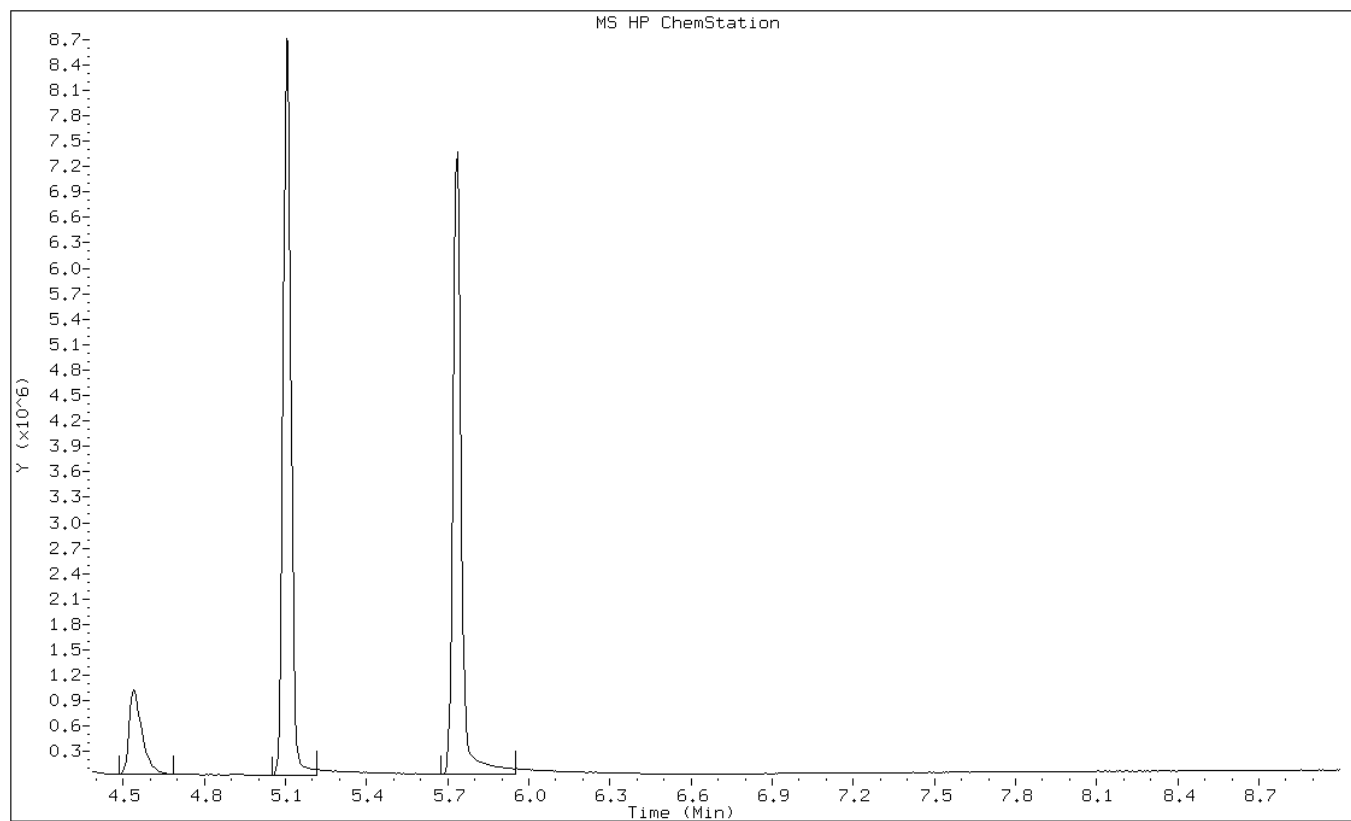
Date: 02-NOV-2012 08:32
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/E.i/Esrv.p/eewto15.b/eew001.d
 Spectrum: Avg. Scans 252-254 (5.74), Background Scan 241
 Location of Maximum: 174.00
 Number of points: 154

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4031	76.00	43784	121.00	6	163.00	102
37.00	22056	77.00	6384	122.00	317	165.00	144
38.00	21544	78.00	4861	123.00	454	166.00	81
39.00	9182	79.00	17512	124.00	660	169.00	52
40.00	246	80.00	7293	125.00	500	170.00	69
41.00	41	81.00	17896	126.00	509	171.00	113
42.00	253	82.00	4536	127.00	260	172.00	492
43.00	198	83.00	630	128.00	5024	173.00	7012
44.00	2671	84.00	247	129.00	2332	174.00	1617920
45.00	5136	85.00	69	130.00	4930	175.00	113696
46.00	377	86.00	1360	131.00	2096	176.00	1563648
47.00	8766	87.00	61496	132.00	433	177.00	101288
48.00	3310	88.00	60184	133.00	761	178.00	3009
49.00	23456	91.00	2856	134.00	332	179.00	297
50.00	132672	92.00	30480	135.00	1829	186.00	63
51.00	41336	93.00	51952	136.00	382	189.00	57
52.00	1465	94.00	147712	137.00	1922	190.00	111
53.00	152	95.00	1550848	139.00	366	191.00	447
55.00	1375	96.00	105760	140.00	594	192.00	166
56.00	9276	97.00	3344	141.00	8601	193.00	619
57.00	19040	100.00	14	142.00	1258	194.00	163
58.00	664	103.00	532	143.00	9168	195.00	120
59.00	165	104.00	4267	144.00	488	201.00	66
60.00	5289	105.00	1852	145.00	867	205.00	84
61.00	31312	106.00	4321	146.00	2119	207.00	675
62.00	32344	107.00	1315	147.00	1017	208.00	215
63.00	24856	108.00	64	148.00	3609	209.00	60
64.00	2475	109.00	58	149.00	1254	210.00	59
65.00	311	110.00	608	150.00	1143	219.00	86
66.00	175	111.00	743	152.00	538	232.00	172
67.00	2065	112.00	560	153.00	1377	247.00	54
68.00	93840	113.00	749	154.00	901	249.00	278
69.00	93328	114.00	95	155.00	3552	250.00	73
70.00	6984	115.00	812	156.00	499	251.00	173
71.00	352	116.00	3255	157.00	2676	253.00	352
72.00	4151	117.00	6788	158.00	394	254.00	91
73.00	39896	118.00	3551	159.00	1404	265.00	72
74.00	154688	119.00	5948	161.00	1438		
75.00	511808	120.00	144	162.00	177		

Data File: eew001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 02-NOV-2012 08:32
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/eewdto15.b/eewd001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 04-DEC-2012 14:03
Operator : wrd Inst ID: E.i
Smp Info : BFB
Misc Info : bfb
Comment :
Method : /chem/E.i/Esvr.p/eewdto15.b/bfbto15.m
Meth Date : 02-Nov-2012 08:37 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

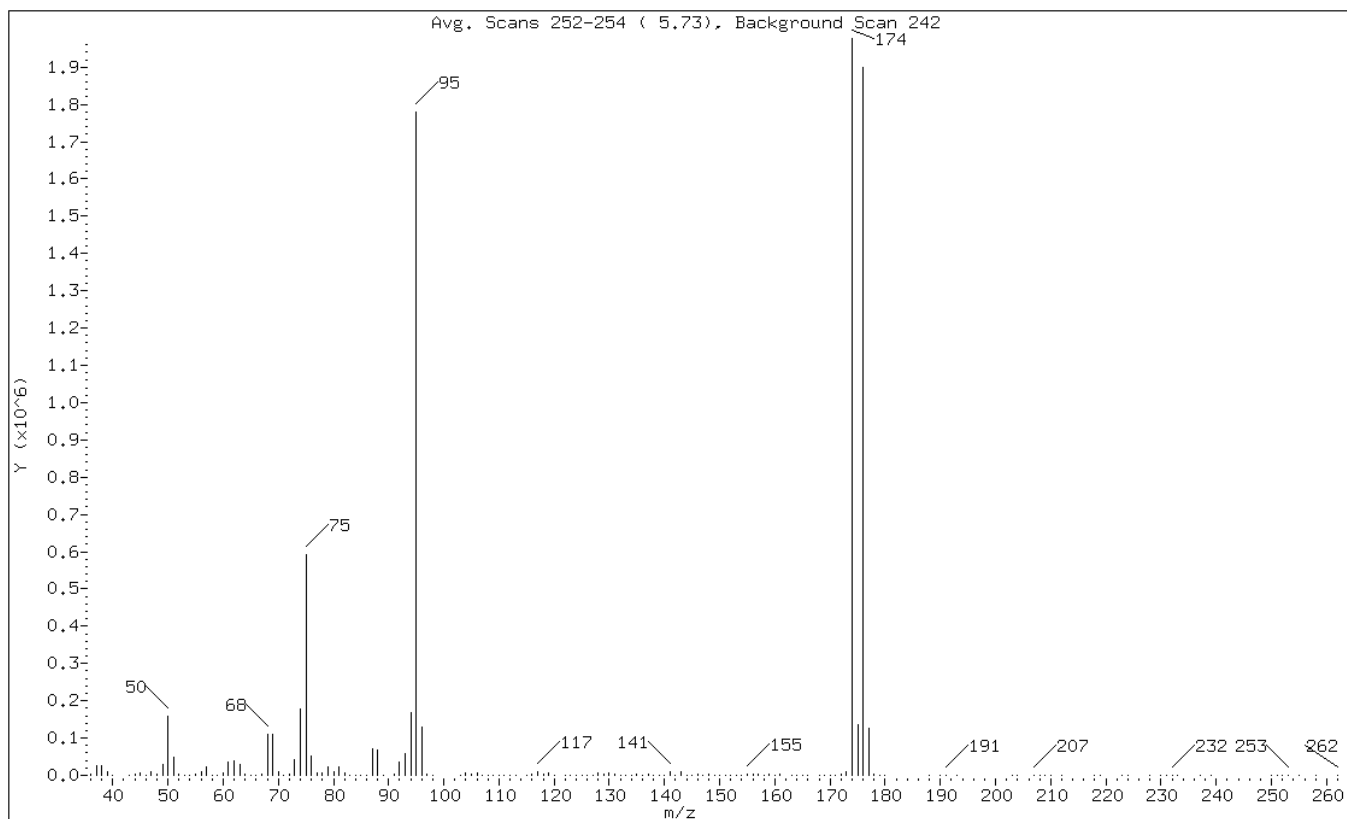
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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				
5.735	5.700	0.035	95	1779922			100.00-	100.00	90.04
5.735	5.700	0.035	50	160141			8.00-	40.00	9.00
5.735	5.700	0.035	75	592571			30.00-	66.00	33.29
5.735	5.700	0.035	96	129338			5.00-	9.00	7.27
5.735	5.700	0.035	173	8091			0.00-	2.00	0.41
5.735	5.700	0.035	174	1976832			50.00-	120.00	111.06
5.735	5.700	0.035	175	137208			4.00-	9.00	6.94
5.735	5.700	0.035	176	1899861			93.00-	101.00	96.11
5.735	5.700	0.035	177	126567			5.00-	9.00	6.66

Data File: eewd001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 04-DEC-2012 14:03
 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	9.00
75	30.00 - 66.00% of mass 95	33.29
96	5.00 - 9.00% of mass 95	7.27
173	Less than 2.00% of mass 174	0.45 (0.41)
174	50.00 - 120.00% of mass 95	111.06
175	4.00 - 9.00% of mass 174	7.71 (6.94)
176	93.00 - 101.00% of mass 174	106.74 (96.11)
177	5.00 - 9.00% of mass 176	7.11 (6.66)

Data File: eewd001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

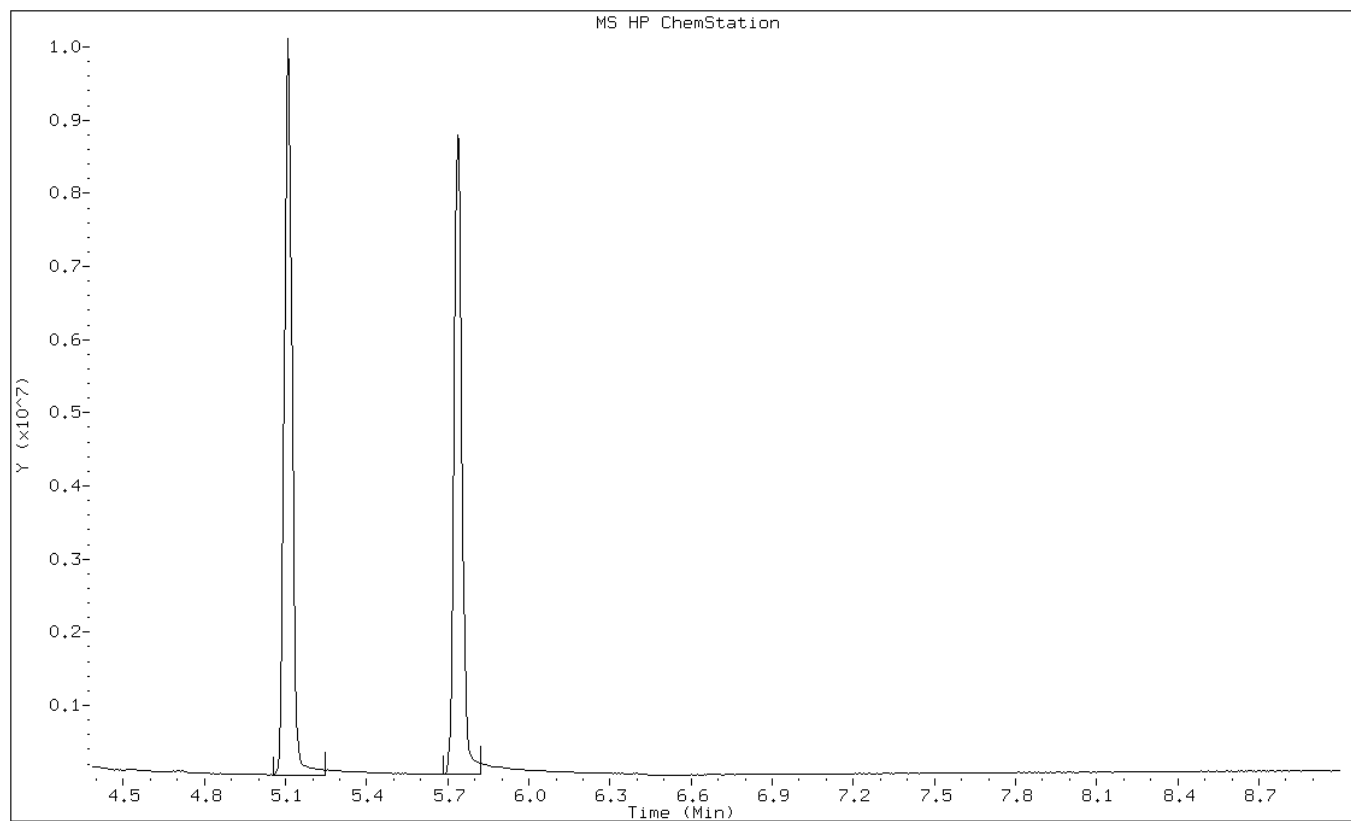
Date: 04-DEC-2012 14:03
 Instrument: E.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/E.i/Esrv.p/eewdto15.b/eewd001.d
 Spectrum: Avg. Scans 252-254 (5.73), Background Scan 242
 Location of Maximum: 174.00
 Number of points: 163

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4196	79.00	21688	127.00	201	170.00	159
37.00	27352	80.00	10071	128.00	5425	171.00	233
38.00	25608	81.00	23480	129.00	2430	172.00	2480
39.00	11260	82.00	7562	130.00	6091	173.00	8091
40.00	599	83.00	463	131.00	2157	174.00	1976832
43.00	481	84.00	237	132.00	607	175.00	137152
44.00	2974	85.00	156	133.00	354	176.00	1899520
45.00	5538	86.00	1468	134.00	378	177.00	126560
46.00	729	87.00	69872	135.00	1939	178.00	3280
47.00	9935	88.00	69192	136.00	577	179.00	161
48.00	3642	89.00	101	137.00	2548	180.00	60
49.00	27904	91.00	3599	138.00	53	188.00	54
50.00	160128	92.00	34296	139.00	484	190.00	59
51.00	50016	93.00	58992	140.00	755	191.00	334
52.00	1921	94.00	167296	141.00	11014	193.00	195
53.00	59	95.00	1779712	142.00	1317	203.00	70
54.00	36	96.00	129336	143.00	10582	204.00	72
55.00	2001	97.00	3940	144.00	757	207.00	991
56.00	11311	98.00	188	145.00	1238	208.00	435
57.00	21960	103.00	558	146.00	2409	209.00	168
58.00	1074	104.00	5044	147.00	959	210.00	181
59.00	300	105.00	1952	148.00	3749	212.00	50
60.00	6497	106.00	5005	149.00	1319	218.00	52
61.00	36512	107.00	1321	150.00	1484	219.00	79
62.00	40336	108.00	73	151.00	47	223.00	53
63.00	29192	109.00	225	152.00	877	224.00	61
64.00	3095	110.00	571	153.00	1557	228.00	83
65.00	550	111.00	670	154.00	1286	230.00	64
66.00	277	112.00	481	155.00	4609	231.00	70
67.00	2504	113.00	709	156.00	1841	232.00	142
68.00	111048	115.00	1134	157.00	3041	233.00	57
69.00	109864	116.00	3915	158.00	1380	237.00	66
70.00	8755	117.00	8282	159.00	1640	239.00	52
71.00	326	118.00	4546	160.00	56	250.00	63
72.00	4759	119.00	6207	161.00	1749	251.00	59
73.00	43376	120.00	251	163.00	29	252.00	68
74.00	177728	122.00	477	164.00	125	253.00	257
75.00	592512	123.00	428	165.00	68	255.00	135
76.00	51200	124.00	965	166.00	55	258.00	52
77.00	8033	125.00	628	168.00	71	262.00	61
78.00	5639	126.00	395	169.00	140		

Data File: eewd001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 04-DEC-2012 14:03
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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: MB 200-49025/4
 Matrix: Air Lab File ID: eezd004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/04/2012 16:43
 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.: 49025 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.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: _____ Lab Sample ID: MB 200-49025/4
Matrix: Air Lab File ID: eed004.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 500 (mL) Date Analyzed: 12/04/2012 16:43
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.: 49025 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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: MB 200-49025/4
 Matrix: Air Lab File ID: eezd004.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/04/2012 16:43
 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.: 49025 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.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: _____ Lab Sample ID: MB 200-49025/4
Matrix: Air Lab File ID: eed004.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 500 (mL) Date Analyzed: 12/04/2012 16:43
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.: 49025 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/eeddto15.b/eedd004.d
Lab Smp Id: mb
Inj Date : 04-DEC-2012 16:43
Operator : wrd
Smp Info : mb
Misc Info : 500,1,mb
Comment :
Method : /chem/E.i/Esvr.p/eeddto15.b/to15113t.m
Meth Date : 05-Dec-2012 14:23 wrd
Cal Date : 02-NOV-2012 18:20
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: eew012.d
QC Sample: BLANK
Compound Sublist: T015LL+CRREL.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							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50	3.532	3.533	(0.355)	2492		0.02053	0.020(a)
7 Vinyl chloride	62							
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101							
17 1,1,2-Trichloro-1,2,2-Trifluo	101							
19 1,1-Dichloroethene	96							
22 Allyl chloride	41							
25 Methylene chloride	49	7.390	7.390	(0.742)	6490		0.02202	0.022(a)
27 1,2-Dichloroethene (trans)	61							

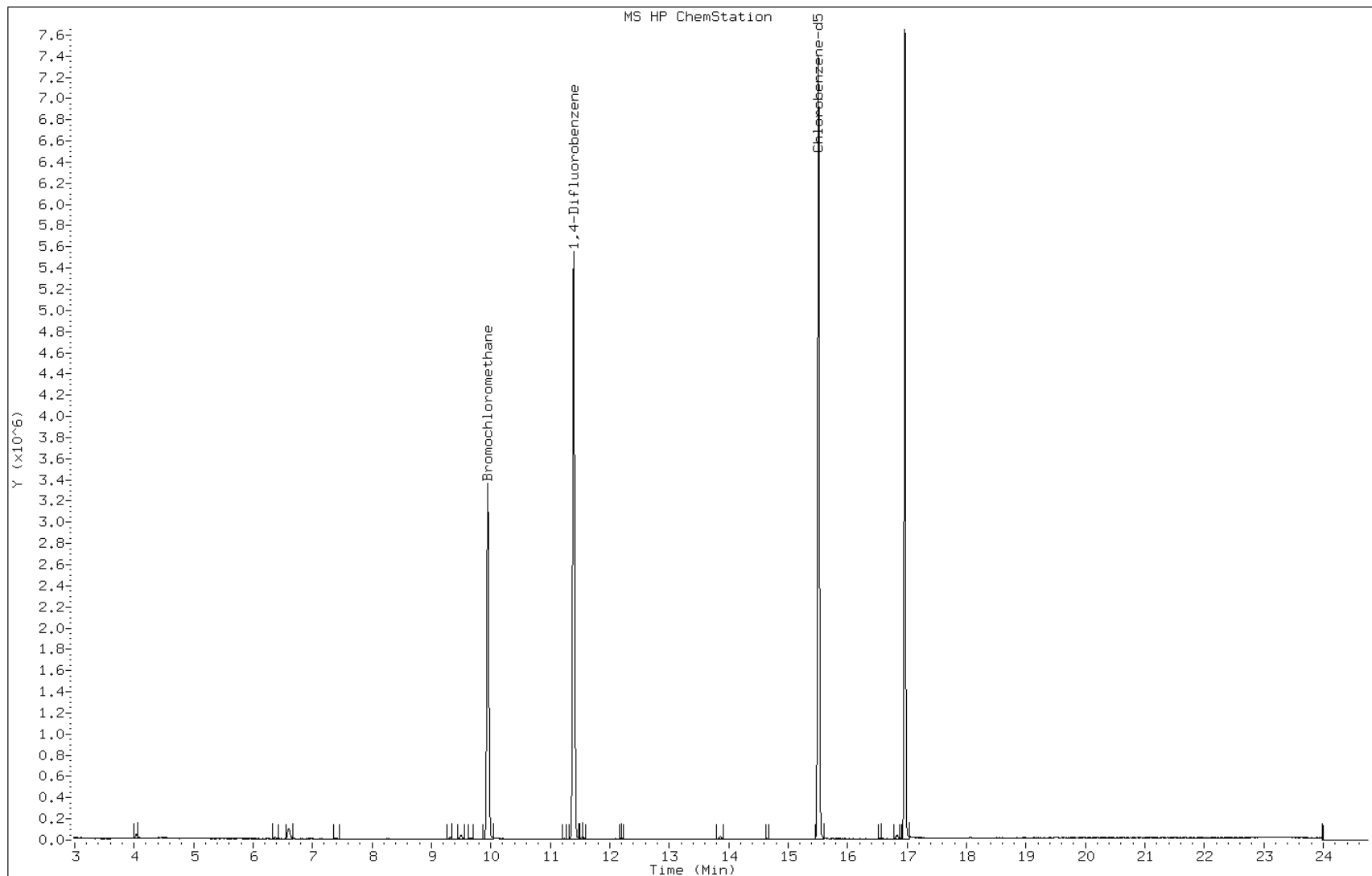
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73				Compound Not Detected.		
30 n-Hexane	57				Compound Not Detected.		
31 1,1-Dichloroethane	63				Compound Not Detected.		
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
* 36 Bromochloromethane	128	9.952	9.947	(1.000)	1645697	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	11.391	11.391	(1.000)	7024862	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	15.510	15.511	(1.000)	6264304	2.00000	
66 Chlorobenzene	112				Compound Not Detected.		
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.		
84 1,2,4-Trimethylbenzene	105				Compound Not Detected.		

QC Flag Legend

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

Data File: eewd004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 04-DEC-2012 16:43
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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: LCS 200-49025/3
 Matrix: Air Lab File ID: eedw003.d
 Analysis Method: TO15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/04/2012 15:48
 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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.226		0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.221		0.010	0.010
75-01-4	Vinyl chloride	62.50	0.219		0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.210		0.020	0.020
74-83-9	Bromomethane	94.94	0.202		0.020	0.020
75-00-3	Chloroethane	64.52	0.208		0.020	0.020
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.195		0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.202		0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.184		0.010	0.010
107-05-1	3-Chloropropene	76.53	0.184		0.020	0.020
75-09-2	Methylene Chloride	84.93	0.207		0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.169		0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.171		0.010	0.010
110-54-3	n-Hexane	86.17	0.186		0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.175		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.174		0.010	0.010
67-66-3	Chloroform	119.38	0.181		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.179		0.010	0.010
110-82-7	Cyclohexane	84.16	0.168		0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.177		0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.177		0.010	0.010
71-43-2	Benzene	78.11	0.173		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.177		0.020	0.020
142-82-5	n-Heptane	100.21	0.167		0.010	0.010
79-01-6	Trichloroethene	131.39	0.162		0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.180		0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.185		0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.162		0.010	0.010
108-88-3	Toluene	92.14	0.175		0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.154		0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.169		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.190		0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.174		0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.163		0.010	0.010

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
SDG No.: 200-13910
Client Sample ID: _____ Lab Sample ID: LCS 200-49025/3
Matrix: Air Lab File ID: eedw003.d
Analysis Method: TO15 LL Date Collected: _____
Sample wt/vol: 500 (mL) Date Analyzed: 12/04/2012 15:48
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.: 49025 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	106.17	0.161		0.010	0.010
95-47-6	o-Xylene	106.17	0.144		0.010	0.010
75-25-2	Bromoform	252.75	0.145		0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.144		0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.172		0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.162		0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.346		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.309		0.020	0.010
1330-20-7	Xylenes, Total	106.17	0.453		0.010	0.010

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeddto15.b/eedd003.d
Lab Smp Id: lcs 396329
Inj Date : 04-DEC-2012 15:48
Operator : wrd
Smp Info : lcs 396329
Misc Info : 500,1,lcs
Comment :
Method : /chem/E.i/Esvr.p/eeddto15.b/to15113t.m
Meth Date : 05-Dec-2012 14:23 wrd
Cal Date : 02-NOV-2012 18:20
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: eew012.d
QC Sample: LCS
Compound Sublist: T015LL+CRREL.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)

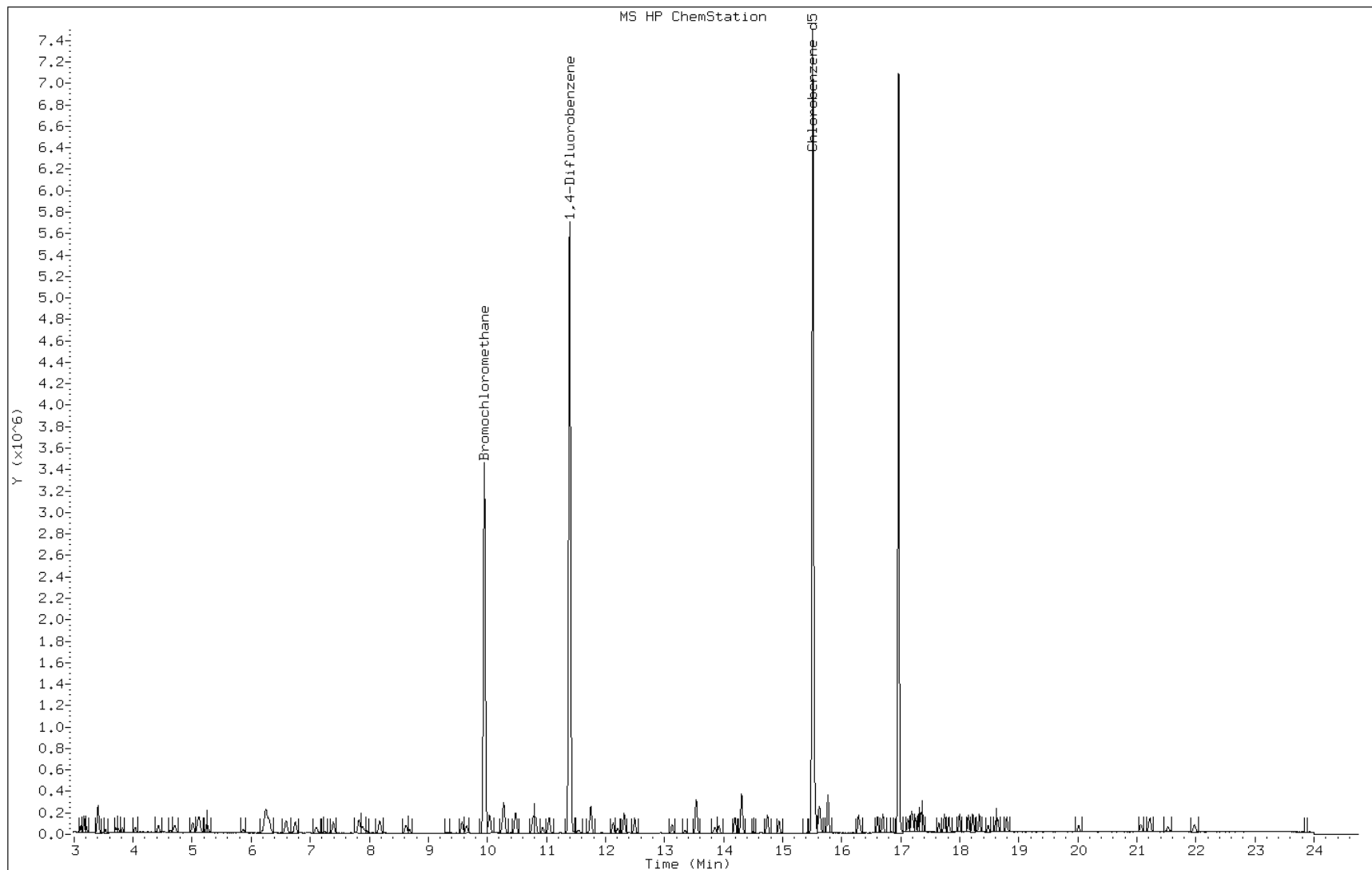
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	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)	138880	0.22598	0.22	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.399	(0.342)	146377	0.22091	0.22	
5 Chloromethane	50	3.538	3.533	(0.356)	30214	0.24081	0.24	
7 Vinyl chloride	62	3.747	3.752	(0.377)	31591	0.21896	0.22	
8 1,3-Butadiene	54	3.816	3.811	(0.384)	20865	0.20966	0.21	
9 Bromomethane	94	4.426	4.426	(0.445)	48153	0.20196	0.20	
10 Chloroethane	64	4.640	4.635	(0.466)	23997	0.20774	0.21	
12 Vinyl bromide	106	5.009	5.014	(0.504)	96687	0.19498	0.19	
13 Trichlorofluoromethane	101	5.111	5.111	(0.514)	229432	0.20249	0.20	
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.245	6.245	(0.628)	187117	0.19945	0.20	
19 1,1-Dichloroethene	96	6.309	6.314	(0.634)	86769	0.18429	0.18	
22 Allyl chloride	41	7.101	7.101	(0.714)	43703	0.18402	0.18	
25 Methylene chloride	49	7.395	7.390	(0.743)	62921	0.20651	0.21	
27 1,2-Dichloroethene (trans)	61	7.828	7.818	(0.787)	78197	0.17145	0.17	

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ppb v/vv)	(ppb v/v)
=====	=====		==	=====	=====	=====	=====	=====
28 Methyl tert-butyl ether	73		7.887	7.877	(0.793)	118895	0.16921	0.17
30 n-Hexane	57		8.176	8.171	(0.822)	87350	0.18574	0.18
31 1,1-Dichloroethane	63		8.620	8.620	(0.867)	92265	0.17513	0.18
M 33 1,2-Dichloroethene, Total	61					154714	0.34594	0.34
34 1,2-Dichloroethene (cis)	96		9.572	9.572	(0.962)	76517	0.17450	0.17
* 36 Bromochloromethane	128		9.947	9.947	(1.000)	1701148	2.00000	
39 Chloroform	83		10.032	10.038	(1.009)	126218	0.18143	0.18
40 Cyclohexane	84		10.278	10.279	(0.902)	103586	0.16833	0.17
41 1,1,1-Trichloroethane	97		10.278	10.279	(0.902)	146048	0.17874	0.18
42 Carbon tetrachloride	117		10.482	10.476	(0.920)	179899	0.17679	0.18
43 2,2,4-Trimethylpentane	57		10.781	10.776	(0.946)	230027	0.17708	0.18
44 Benzene	78		10.819	10.819	(0.950)	177711	0.17285	0.17
45 1,2-Dichloroethane	62		10.942	10.937	(0.961)	53739	0.17675	0.18
46 n-Heptane	43		11.044	11.044	(0.969)	68045	0.16728	0.17
* 47 1,4-Difluorobenzene	114		11.391	11.391	(1.000)	7365425	2.00000	
49 Trichloroethene	95		11.750	11.750	(1.031)	93698	0.16240	0.16
50 1,2-Dichloropropane	63		12.124	12.130	(1.064)	49465	0.18026	0.18
54 Bromodichloromethane	83		12.493	12.493	(1.097)	119029	0.18540	0.18
55 1,3-Dichloropropene (cis)	75		13.130	13.130	(1.153)	64255	0.16196	0.16
58 Toluene	92		13.547	13.547	(0.873)	121229	0.17512	0.18
59 1,3-Dichloropropene (trans)	75		13.927	13.922	(1.223)	50026	0.15396	0.15
60 1,1,2-Trichloroethane	83		14.189	14.189	(0.915)	51486	0.16921	0.17
61 Tetrachloroethene	166		14.307	14.307	(0.922)	167900	0.19024	0.19
63 Dibromochloromethane	129		14.745	14.746	(0.951)	134024	0.17411	0.17
64 1,2-Dibromoethane	107		14.943	14.943	(0.963)	99640	0.16330	0.16
* 65 Chlorobenzene-d5	117		15.511	15.511	(1.000)	6306842	2.00000	
66 Chlorobenzene	112		15.548	15.548	(1.002)	186511	0.17666	0.18
67 Ethylbenzene	91		15.617	15.618	(1.007)	194383	0.16079	0.16
69 Xylene (m,p)	106		15.767	15.767	(1.017)	153913	0.30881	0.31
M 70 Xylene, Total	106					223227	0.45271	0.45
71 Xylene (o)	106		16.281	16.281	(1.050)	69314	0.14390	0.14
73 Bromoform	173		16.607	16.607	(1.071)	86154	0.14503	0.14
75 1,1,2,2-Tetrachloroethane	83		17.126	17.121	(1.104)	59678	0.14385	0.14
79 4-Ethyltoluene	105		17.308	17.308	(1.116)	134888	0.17178	0.17
81 1,3,5-Trimethylbenzene	105		17.378	17.378	(1.120)	101264	0.16153	0.16
84 1,2,4-Trimethylbenzene	105		17.816	17.811	(1.149)	90519	0.15031	0.15

Data File: eewd003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 396329
Lab Sample ID: lcs 396329

Date: 04-DEC-2012 15:48
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



GC/MS Air Instrument Run Log

1847623

Sequence				Standard Traceability				Instrument Information			
Target Batch ID: 484W				Start Date: 11/2/12 Time: 0832				Instrument ID: E			
Test Method: 701076				End Date: 11/3/12 Time: 0832				Instrument: 5973			
ICAL Date:				ICV/LCS Container ID: 484W (30-2000-1)				Column Type: RTX-624			
Sequence Information				Individual Sample Review							
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0832	EEU001	4583	1575		1	500	UAD			1000	
0920	02	3564	1575		2	100					417894
1015	03	3564	1575		2	200					
1109	04	3564	1575		2	400					
1202	05	2018	1575		3	250					417896
1256	06	2018	1575		3	500					
1350	07	3152	1575		4	250					410897
1444	08	3152	1575		4	375					
1538	09	3152	1575		4	500					
1632	10	2775	1575		5	150					412588
1726	11	2775	1575		5	200					
1820	12	4983	1575		1	500					
1914	13	3583	1575		6	500					396325
2007	14	3583	1575		6	500					396325
2101	15	4983	1575		1	500					
2155	16	3125	1575	1	7	500					
2249	17	2648	1575	2	8						
2343	18	3502	1575	3	9						
0037	19	2700	1575	4	10						
0131	20	3146	1575	5	11						
0226	21	3668	1575	6	12						
0320	22	2634	1575	7	13						
0414	23	2720	1575	8	14						
0509	24	4272	1575	9	15						
0603	25	3086	1575	10	16						
0657	26	2622	1575	11	2						
0751	27			12							

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

GC/MS Air Instrument Run Log

Sequence				Standard Traceability				Instrument Information			
Target Batch ID: 233600				Start Date: 12/4/12 Time: 1403				ISTD Container ID: 248050			
Test Method: 701544				End Date: 12/5/12 Time: 1403				CCV Container ID: 417896			
ICAL Date: 42633				ICV/LCS Container ID: 396329				Column Type: RTX-624			
Sequence Information				Individual Sample Review							
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1403	330000		1356	1	14	14	WHD	NA	NA	WHD	
1454	330000	2518	1356	1	2	500		NA	NA		Ag
1548	330000	5045	1356	1	3			NA	NA		Ag
1643	330000	4583	1356	1	4			NA	NA		
1746	330000	2544	1356	1	5	125		NA	NA		
1838	330000	3200	1356	1	6			NA	NA		RE 13
1932	330000	4087	1356	1	7			NA	NA		RE 11
2026	330000	4104	1356	1	8			NA	NA		RE 15
2120	330000	4141	1356	1	9			NA	NA		
2214	330000	5069	1356	1	10			NA	NA		
2309	330000	5041	1356	1	11			NA	NA		TC 48
2403	330000	3014	1356	1	12			NA	NA		TC 52
2507	330000	5025	1356	1	13			NA	NA		TC 53
2601	330000	5038	1356	1	14			NA	NA		TC 28
2745	330000	2543	1356	1	15	125		NA	NA		TC 26
2840	330000	3640	1356	1	16			NA	NA		
2935	330000	2602	1356	1	17			NA	NA		
3029	330000	2861	1356	1	18			NA	NA		
3124	330000	3365	1356	1	19	125		NA	NA		
3218	330000	4342	1356	1	20			NA	NA		
3313	330000	3200	1356	1	21			NA	NA		
3407	330000	4082	1356	1	22	110	WHD	NA	NA		CAF 440 C
3502	330000	4011	1356	1	23	142		NA	NA		4.22 C
3607	330000	3640	1356	1	24	104	WHD	NA	NA	WHD	4.14 C
3702	330000	4472	1356	1	25	125		NA	NA		
3807	330000	4472	1356	1	26	125		NA	NA		
3902	330000	2885	1356	1	27			NA	NA		
4007	330000	5069	1356	1	28	109	WHD	NA	NA	WHD	CAF 16.1P C
4102	330000										
4207	330000										
4302	330000										
4407	330000										
4502	330000										
4607	330000										
4702	330000										
4807	330000										
4902	330000										
5007	330000										
5102	330000										
5207	330000										
5302	330000										
5407	330000										
5502	330000										
5607	330000										
5702	330000										
5807	330000										
5902	330000										
6007	330000										
6102	330000										
6207	330000										
6302	330000										
6407	330000										
6502	330000										
6607	330000										
6702	330000										
6807	330000										
6902	330000										
7007	330000										
7102	330000										
7207	330000										
7302	330000										
7407	330000										
7502	330000										
7607	330000										
7702	330000										
7807	330000										
7902	330000										
8007	330000										
8102	330000										
8207	330000										
8302	330000										
8407	330000										
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8607	330000										
8702	330000										
8807	330000										
8902	330000										
9007	330000										
9102	330000										
9207	330000										
9302	330000										
9407	330000										
9502	330000										
9607	330000										
9702	330000										
9807	330000										
9902	330000										
10007	330000										
10102	330000										
10207	330000										
10302	330000										
10407	330000										
10502	330000										
10607	330000										
10702	330000										
10807	330000										
10902	330000										
11007	330000										
11102	330000										
11207	330000										
11302	330000										
11407	330000										
11502	330000										
11607	330000										
11702	330000										
11807	330000										
11902	330000										
12007	330000										
12102	330000										
12207	330000										
12302	330000										
12407	330000										
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12702	330000										
12807	330000										
12902	330000										
13007	330000										
13102	330000										
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13302	330000										
13407	330000										
13502	330000										
13607	330000										
13702	330000										
13807	330000										
13902	330000										
14007	330000										
14102	330000										
14207	330000										
14302	330000										
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14502	330000										
14607	330000										
14702	330000										
14807	330000										
14902	330000										
15007	330000										
15102	330000										
15207	330000										
15302	330000										
15407	330000										
15502	330000										
15607	330000										
15702	330000										
15807	330000										
15902	330000										
16007	330000										
16102	330000										
16207	330000										
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16502	330000										
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16702	330000										
16807	330000										
16902	330000										
17007	330000										
17102	330000										
17207	330000										
17302	330000										
17407	330000										
17502	330000										
17607	330000										
17702	330000										
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18007	330000										
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18207	330000										
18302	330000										
18407	330000										
18502	330000										
18607	330000										
18702	330000										
18807	330000										
18902	330000										

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-13910-1SDG No.: 200-13910Instrument ID: E.iStart Date: 11/02/2012 08:32Analysis Batch Number: 47623End Date: 11/03/2012 07:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-47623/1		11/02/2012 08:32	1	eew001.d	RTX-624 0.32 (mm)
VIBLK 200-47623/2		11/02/2012 09:20	1		RTX-624 0.32 (mm)
IC 200-47623/3		11/02/2012 10:15	1	eew003.d	RTX-624 0.32 (mm)
IC 200-47623/4		11/02/2012 11:09	1	eew004.d	RTX-624 0.32 (mm)
IC 200-47623/5		11/02/2012 12:02	1	eew005.d	RTX-624 0.32 (mm)
IC 200-47623/6		11/02/2012 12:56	1	eew006.d	RTX-624 0.32 (mm)
ICIS 200-47623/7		11/02/2012 13:50	1	eew007.d	RTX-624 0.32 (mm)
IC 200-47623/8		11/02/2012 14:44	1	eew008.d	RTX-624 0.32 (mm)
IC 200-47623/9		11/02/2012 15:38	1	eew009.d	RTX-624 0.32 (mm)
IC 200-47623/10		11/02/2012 16:32	1	eew010.d	RTX-624 0.32 (mm)
IC 200-47623/11		11/02/2012 17:26	1	eew011.d	RTX-624 0.32 (mm)
IC 200-47623/12		11/02/2012 18:20	1	eew012.d	RTX-624 0.32 (mm)
VIBLK 200-47623/13		11/02/2012 19:14	1		RTX-624 0.32 (mm)
ICV 200-47623/14		11/02/2012 20:07	1		RTX-624 0.32 (mm)
ICV 200-47623/15		11/02/2012 21:01	1	eew015.d	RTX-624 0.32 (mm)
ZZZZZ		11/02/2012 21:55	1		RTX-624 0.32 (mm)
ZZZZZ		11/02/2012 22:49	1		RTX-624 0.32 (mm)
ZZZZZ		11/02/2012 23:43	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 00:37	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 01:31	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 02:26	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 03:20	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 04:14	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 05:09	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 06:03	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 06:57	1		RTX-624 0.32 (mm)
ZZZZZ		11/03/2012 07:51	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-13910-1SDG No.: 200-13910Instrument ID: E.iStart Date: 12/04/2012 14:03Analysis Batch Number: 49025End Date: 12/05/2012 13:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-49025/1		12/04/2012 14:03	1	eewd001.d	RTX-624 0.32 (mm)
CCVIS 200-49025/2		12/04/2012 14:54	1	eewd002.d	RTX-624 0.32 (mm)
LCS 200-49025/3		12/04/2012 15:48	1	eewd003.d	RTX-624 0.32 (mm)
MB 200-49025/4		12/04/2012 16:43	1	eewd004.d	RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 17:45	4		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 18:38	4		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 19:32	4		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 20:26	4		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 21:20	4		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 22:14	4		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 23:09	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 00:03	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 00:57	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 01:51	4		RTX-624 0.32 (mm)
200-13910-2	IA-1	12/05/2012 02:45	4	eewd015.d	RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 03:40	4		RTX-624 0.32 (mm)
200-13910-6	IA-3	12/05/2012 04:35	4	eewd017.d	RTX-624 0.32 (mm)
200-13910-7	AM-1	12/05/2012 05:29	4	eewd018.d	RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 06:24	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 07:18	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 08:13	20		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 09:07	15		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 10:02	19.9		RTX-624 0.32 (mm)
200-13910-4	IA-2	12/05/2012 10:57	4	eewd024.d	RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 11:52	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 12:46	4		RTX-624 0.32 (mm)
ZZZZZ		12/05/2012 13:41	74.9		RTX-624 0.32 (mm)

Client ID	TALS Job	Date	Time (Military)	Lab BP (mmHg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
CHA Inc	13910	11/30/12	15:05	29.1	21	69	SCD

Post-Sampling Return Pressure Check

12/12/2012

Method T015

Volatile Organic Compounds (GC/MS)
by Method T015

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
SDG No.: 200-13910
Matrix: Air Level: Low Lab File ID: bkuw003.d
Lab ID: LCS 200-48951/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.44	94	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.19	92	70-130	
Vinyl chloride	10.0	9.30	93	70-130	
1,3-Butadiene	10.0	9.75	97	70-130	
Bromomethane	10.0	9.02	90	70-130	
Chloroethane	10.0	9.52	95	70-130	
Bromoethene (Vinyl Bromide)	10.0	9.69	97	70-130	
Trichlorofluoromethane	10.0	9.33	93	70-130	
1,1-Dichloroethene	10.0	11.1	111	70-130	
3-Chloropropene	10.0	9.53	95	70-130	
Methylene Chloride	10.0	9.95	100	70-130	
Methyl tert-butyl ether	10.0	9.79	98	70-130	
trans-1,2-Dichloroethene	10.0	9.43	94	70-130	
n-Hexane	10.0	9.70	97	70-130	
1,1-Dichloroethane	10.0	9.55	96	70-130	
cis-1,2-Dichloroethene	10.0	10.2	102	70-130	
Chloroform	10.0	9.49	95	70-130	
1,1,1-Trichloroethane	10.0	9.56	96	70-130	
Cyclohexane	10.0	10.1	101	70-130	
Carbon tetrachloride	10.0	9.24	92	70-130	
2,2,4-Trimethylpentane	10.0	9.78	98	70-130	
Benzene	10.0	9.70	97	70-130	
1,2-Dichloroethane	10.0	9.38	94	70-130	
n-Heptane	10.0	9.41	94	70-130	
Trichloroethene	10.0	9.41	94	70-130	
1,2-Dichloropropane	10.0	9.12	91	70-130	
Bromodichloromethane	10.0	9.92	99	70-130	
cis-1,3-Dichloropropene	10.0	9.68	97	70-130	
Toluene	10.0	9.89	99	70-130	
trans-1,3-Dichloropropene	10.0	9.63	96	70-130	
1,1,2-Trichloroethane	10.0	9.66	97	70-130	
Tetrachloroethene	10.0	9.81	98	70-130	
Dibromochloromethane	10.0	10.8	108	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Ethylbenzene	10.0	9.96	100	70-130	
m,p-Xylene	20.0	19.8	99	70-130	
Xylene, o-	10.0	10.0	100	70-130	
Bromoform	10.0	10.7	107	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.74	97	70-130	
4-Ethyltoluene	10.0	10.5	105	70-130	
1,3,5-Trimethylbenzene	10.0	9.84	98	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.: 200-13910-1
SDG No.: 200-13910
Lab File ID: bkuw004.d Lab Sample ID: MB 200-48951/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: B.i Date Analyzed: 12/03/2012 14:10
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 200-48951/3	bkuw003.d	12/03/2012 13:18
SSV-1	200-13910-1	bkuw011.d	12/03/2012 20:30
SSV-2	200-13910-3	bkuw012.d	12/03/2012 21:22
SSV-3	200-13910-5	bkuw013.d	12/03/2012 22:14

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab File ID: bku001.d BFB Injection Date: 10/31/2012
 Instrument ID: B.i BFB Injection Time: 16:15
 Analysis Batch No.: 47421

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.1
75	30.0 - 66.0% of mass 95	42.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (0.4) 1
174	50.0 - 120.0% of mass 95	106.6
175	4.0 - 9.0 % of mass 174	7.6 (7.1) 1
176	93.0 - 101.0% of mass 174	103.3 (96.9) 1
177	5.0 - 9.0% of mass 176	7.1 (6.8) 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 200-47421/3	bku003.d	10/31/2012	18:01
	IC 200-47421/4	bku004.d	10/31/2012	18:53
	IC 200-47421/5	bku005.d	10/31/2012	19:46
	IC 200-47421/6	bku006.d	10/31/2012	20:38
	ICIS 200-47421/7	bku007.d	10/31/2012	21:31
	IC 200-47421/8	bku008.d	10/31/2012	22:23
	IC 200-47421/9	bku009.d	10/31/2012	23:15
	IC 200-47421/10	bku010.d	11/01/2012	00:08
	ICV 200-47421/13	bku013.d	11/01/2012	02:45

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab File ID: bkuw001.d BFB Injection Date: 12/03/2012
 Instrument ID: B.i BFB Injection Time: 11:32
 Analysis Batch No.: 48951

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.6
75	30.0 - 66.0% of mass 95	44.2
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 120.0% of mass 95	98.5
175	4.0 - 9.0 % of mass 174	7.1 (7.2) 1
176	93.0 - 101.0% of mass 174	95.8 (97.2) 1
177	5.0 - 9.0% of mass 176	6.3 (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 200-48951/2	bkuw002.d	12/03/2012	12:26
	LCS 200-48951/3	bkuw003.d	12/03/2012	13:18
	MB 200-48951/4	bkuw004.d	12/03/2012	14:10
SSV-1	200-13910-1	bkuw011.d	12/03/2012	20:30
SSV-2	200-13910-3	bkuw012.d	12/03/2012	21:22
SSV-3	200-13910-5	bkuw013.d	12/03/2012	22:14

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
SDG No.: 200-13910
Sample No.: ICIS 200-47421/7 Date Analyzed: 10/31/2012 21:31
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): bku007.d Heated Purge: (Y/N) N
Calibration ID: 18639

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	340369	9.11	1573499	10.52	1430449	14.66	
UPPER LIMIT	476517	9.44	2202899	10.85	2002629	14.99	
LOWER LIMIT	204221	8.78	944099	10.19	858269	14.33	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-47421/13		377866	9.11	1727813	10.53	1563465	14.66

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.: 200-13910-1
 SDG No.: 200-13910
 Sample No.: CCVIS 200-48951/2 Date Analyzed: 12/03/2012 12:26
 Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): bkuw002.d Heated Purge: (Y/N) N
 Calibration ID: 18639

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		268216	9.10	1213633	10.52	1101394	14.65
UPPER LIMIT		375502	9.43	1699086	10.85	1541952	14.98
LOWER LIMIT		160930	8.77	728180	10.19	660836	14.32
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-48951/3		293794	9.11	1351785	10.52	1194726	14.66
MB 200-48951/4		300143	9.11	1407562	10.52	1270574	14.65
200-13910-1	SSV-1	262803	9.10	1155471	10.52	943988	14.65
200-13910-3	SSV-2	258282	9.10	1136383	10.52	840873	14.65
200-13910-5	SSV-3	253386	9.11	1116833	10.52	851782	14.65

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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-1 Lab Sample ID: 200-13910-1
 Matrix: Air Lab File ID: bkuw011.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:45
 Sample wt/vol: 20 (mL) Date Analyzed: 12/03/2012 20:30
 Soil Aliquot Vol: Dilution Factor: 10
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.0	U	5.0	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.0	U	2.0	0.20
75-01-4	Vinyl chloride	62.50	2.0	U	2.0	0.091
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.25
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.27
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.33
593-60-2	Bromoethene (Vinyl Bromide)	106.96	2.0	U	2.0	0.19
75-69-4	Trichlorofluoromethane	137.37	2.0	U	2.0	0.21
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.86
107-05-1	3-Chloropropene	76.53	5.0	U	5.0	0.47
75-09-2	Methylene Chloride	84.93	5.0	U	5.0	0.23
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.15
156-60-5	trans-1,2-Dichloroethene	96.94	3.0		2.0	0.23
110-54-3	n-Hexane	86.17	2.0	U	2.0	0.20
75-34-3	1,1-Dichloroethane	98.96	5.1		2.0	0.23
156-59-2	cis-1,2-Dichloroethene	96.94	130		2.0	0.84
540-59-0	1,2-Dichloroethene, Total	96.94	130		2.0	0.23
67-66-3	Chloroform	119.38	20		2.0	0.24
71-55-6	1,1,1-Trichloroethane	133.41	24		2.0	0.20
110-82-7	Cyclohexane	84.16	2.0	U	2.0	0.19
56-23-5	Carbon tetrachloride	153.81	5.1		2.0	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.15
71-43-2	Benzene	78.11	2.0	U	2.0	0.18
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.18
142-82-5	n-Heptane	100.21	2.0	U	2.0	0.17
79-01-6	Trichloroethene	131.39	170		2.0	0.092
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.23
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.12
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.13
108-88-3	Toluene	92.14	2.0	U	2.0	0.14
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.15
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.16
127-18-4	Tetrachloroethene	165.83	2.5		2.0	0.15

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-1 Lab Sample ID: 200-13910-1
 Matrix: Air Lab File ID: bkuw011.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:45
 Sample wt/vol: 20 (mL) Date Analyzed: 12/03/2012 20:30
 Soil Aliquot Vol: Dilution Factor: 10
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.11
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.14
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.15
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.22
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
1330-20-7	Xylene (total)	106.17	3.2		2.0	0.16
75-25-2	Bromoform	252.75	2.0	U	2.0	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.11
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.15
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.19

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-1 Lab Sample ID: 200-13910-1
 Matrix: Air Lab File ID: bkuw011.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:45
 Sample wt/vol: 20 (mL) Date Analyzed: 12/03/2012 20:30
 Soil Aliquot Vol: Dilution Factor: 10
 Soil Extract Vol.: GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	25	U	25	0.99
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	14	U	14	1.4
75-01-4	Vinyl chloride	62.50	5.1	U	5.1	0.23
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.55
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.0
75-00-3	Chloroethane	64.52	13	U	13	0.87
593-60-2	Bromoethene (Vinyl Bromide)	106.96	8.7	U	8.7	0.83
75-69-4	Trichlorofluoromethane	137.37	11	U	11	1.2
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	3.4
107-05-1	3-Chloropropene	76.53	16	U	16	1.5
75-09-2	Methylene Chloride	84.93	17	U	17	0.80
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.54
156-60-5	trans-1,2-Dichloroethene	96.94	12		7.9	0.91
110-54-3	n-Hexane	86.17	7.0	U	7.0	0.70
75-34-3	1,1-Dichloroethane	98.96	21		8.1	0.93
156-59-2	cis-1,2-Dichloroethene	96.94	510		7.9	3.3
540-59-0	1,2-Dichloroethene, Total	96.94	520		7.9	0.91
67-66-3	Chloroform	119.38	98		9.8	1.2
71-55-6	1,1,1-Trichloroethane	133.41	130		11	1.1
110-82-7	Cyclohexane	84.16	6.9	U	6.9	0.65
56-23-5	Carbon tetrachloride	153.81	32		13	0.82
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	0.70
71-43-2	Benzene	78.11	6.4	U	6.4	0.58
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.73
142-82-5	n-Heptane	100.21	8.2	U	8.2	0.70
79-01-6	Trichloroethene	131.39	940		11	0.49
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.1
75-27-4	Bromodichloromethane	163.83	13	U	13	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	0.59
108-88-3	Toluene	92.14	7.5	U	7.5	0.53
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	0.68
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.87
127-18-4	Tetrachloroethene	165.83	17		14	1.0

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-1 Lab Sample ID: 200-13910-1
 Matrix: Air Lab File ID: bkuw011.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:45
 Sample wt/vol: 20 (mL) Date Analyzed: 12/03/2012 20:30
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	17	U	17	0.94
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.1
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.65
179601-23-1	m,p-Xylene	106.17	22	U	22	0.96
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
1330-20-7	Xylene (total)	106.17	14		8.7	0.69
75-25-2	Bromoform	252.75	21	U	21	0.74
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	0.76
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.74
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.93

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-1
Client Smp ID: SSV-1
Inj Date : 03-DEC-2012 20:30
Operator : pad
Smp Info : 200-13910-A-1
Misc Info : 20,10, LL+mec1
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/to15v5.m
Meth Date : 04-Dec-2012 15:27 pd
Cal Date : 01-NOV-2012 00:08
Als bottle: 4
Dil Factor: 10.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
Compound Sublist: T015LL+MeCl.sub

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	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)
=====	=====	==	=====	=====	=====	=====	=====
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.		
19 1,1-Dichloroethene	96				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
25 Methylene chloride	49	6.717	6.712	(0.738)	2201	0.12313	1.2(a)
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61	7.133	7.112	(0.784)	9056	0.30335	3.0
30 n-Hexane	57				Compound Not Detected.		

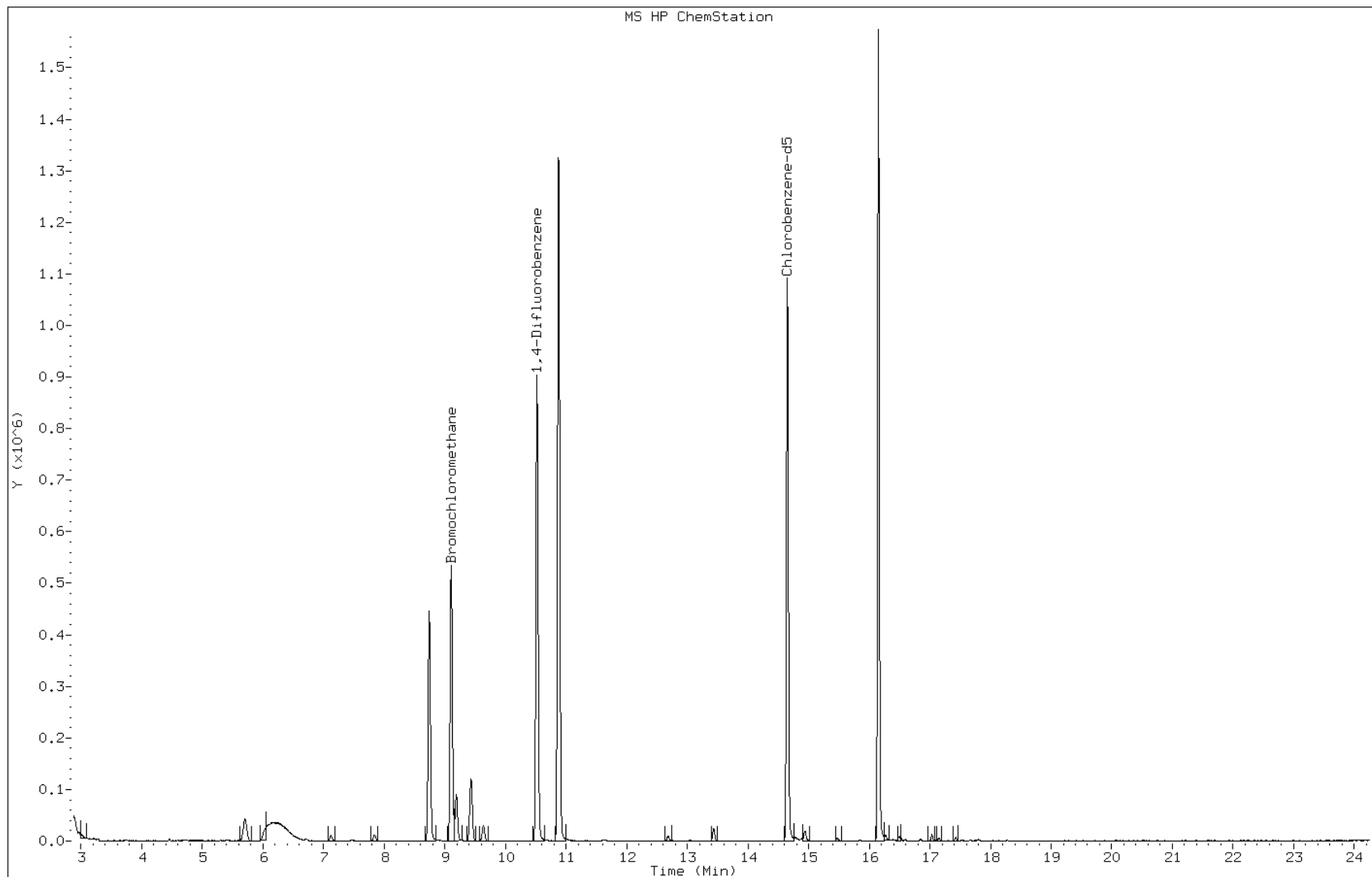
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
31 1,1-Dichloroethane	63	7.843	7.843	(0.862)	18750	0.51120	5.1
M 33 1,2-Dichloroethene, Total	61				333458	13.0884	130
34 1,2-Dichloroethene (cis)	96	8.745	8.750	(0.961)	324402	12.7850	130
* 37 Bromochloromethane	128	9.103	9.113	(1.000)	262803	10.0000	
39 Chloroform	83	9.188	9.193	(1.009)	102552	2.00312	20
40 Cyclohexane	84	Compound Not Detected.					
41 1,1,1-Trichloroethane	97	9.428	9.434	(0.896)	130829	2.40460	24
42 Carbon tetrachloride	117	9.636	9.642	(0.916)	31085	0.50983	5.1
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	10.517	10.522	(1.000)	1155471	10.0000	
49 Trichloroethene	95	10.875	10.885	(1.034)	596573	17.4968	170
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	12.684	12.668	(0.866)	8550	0.17871	1.8(a)
59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60 1,1,2-Trichloroethane	83	Compound Not Detected.					
61 Tetrachloroethene	166	13.442	13.431	(0.917)	12701	0.25407	2.5
63 Dibromochloromethane	129	Compound Not Detected.					
64 1,2-Dibromoethane	107	Compound Not Detected.					
* 65 Chlorobenzene-d5	117	14.653	14.658	(1.000)	943988	10.0000	
68 Ethylbenzene	91	14.792	14.776	(1.009)	6038	0.05641	0.56(a)
69 Xylene (m,p)	106	14.936	14.936	(1.019)	10375	0.23489	2.3(a)
M 70 Xylenes, Total	106				13911	0.31721	3.2
71 Xylene (o)	106	15.475	15.464	(1.056)	3536	0.08231	0.82(a)
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: bkuw011.d
Client ID: SSV-1
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-1
Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

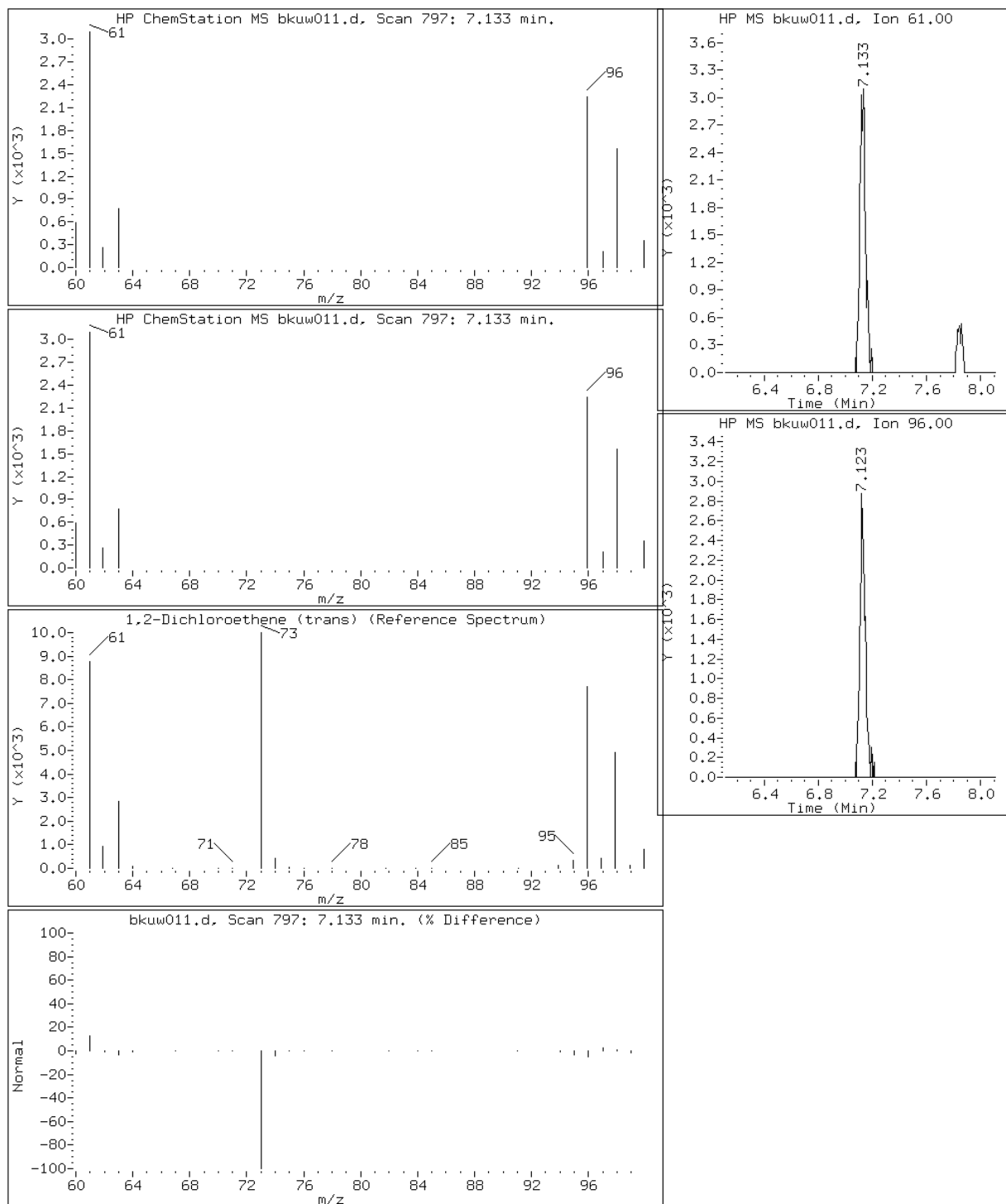
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

28 1,2-Dichloroethene (trans)



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

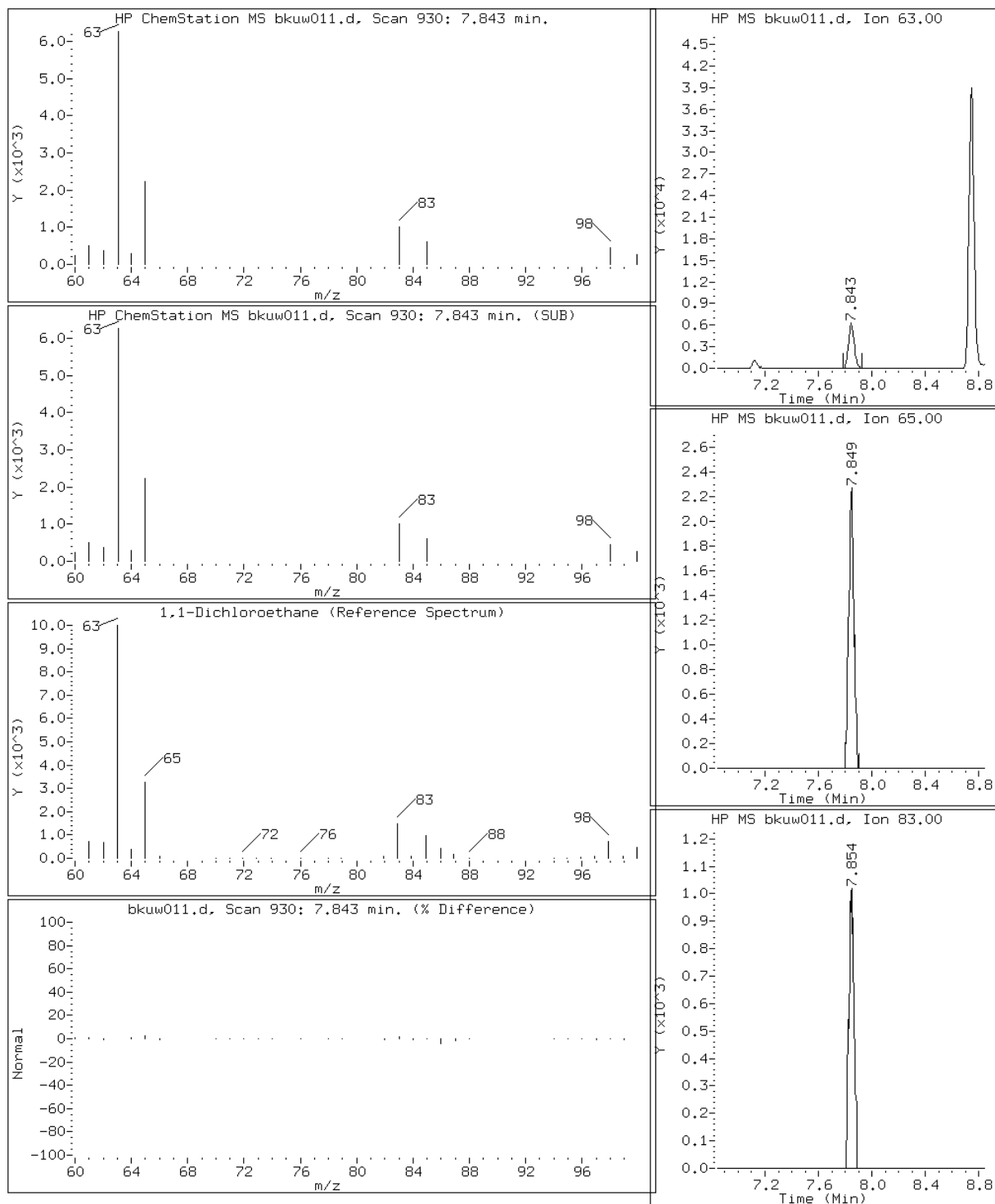
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

31 1,1-Dichloroethane



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

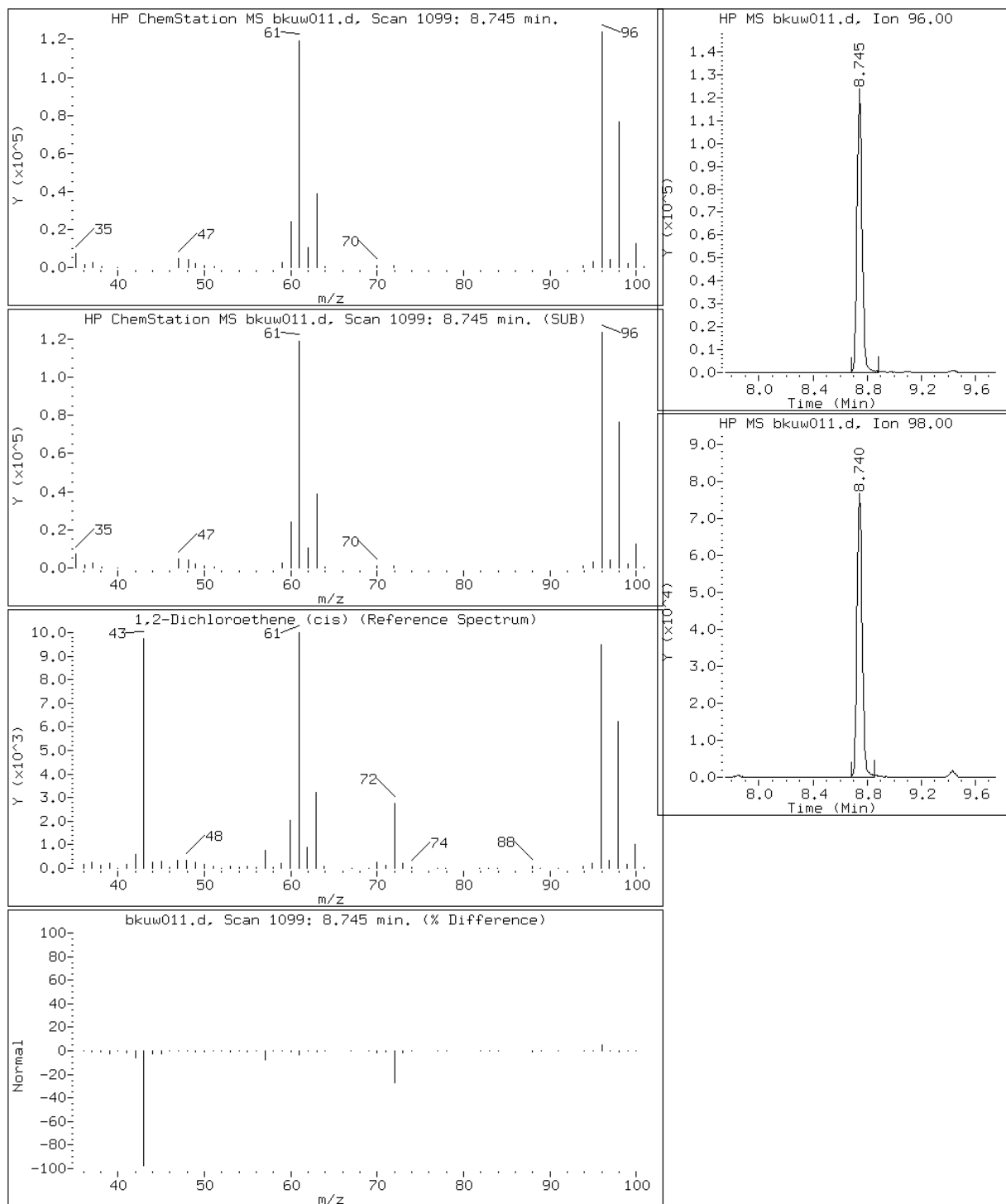
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

34 1,2-Dichloroethene (cis)



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

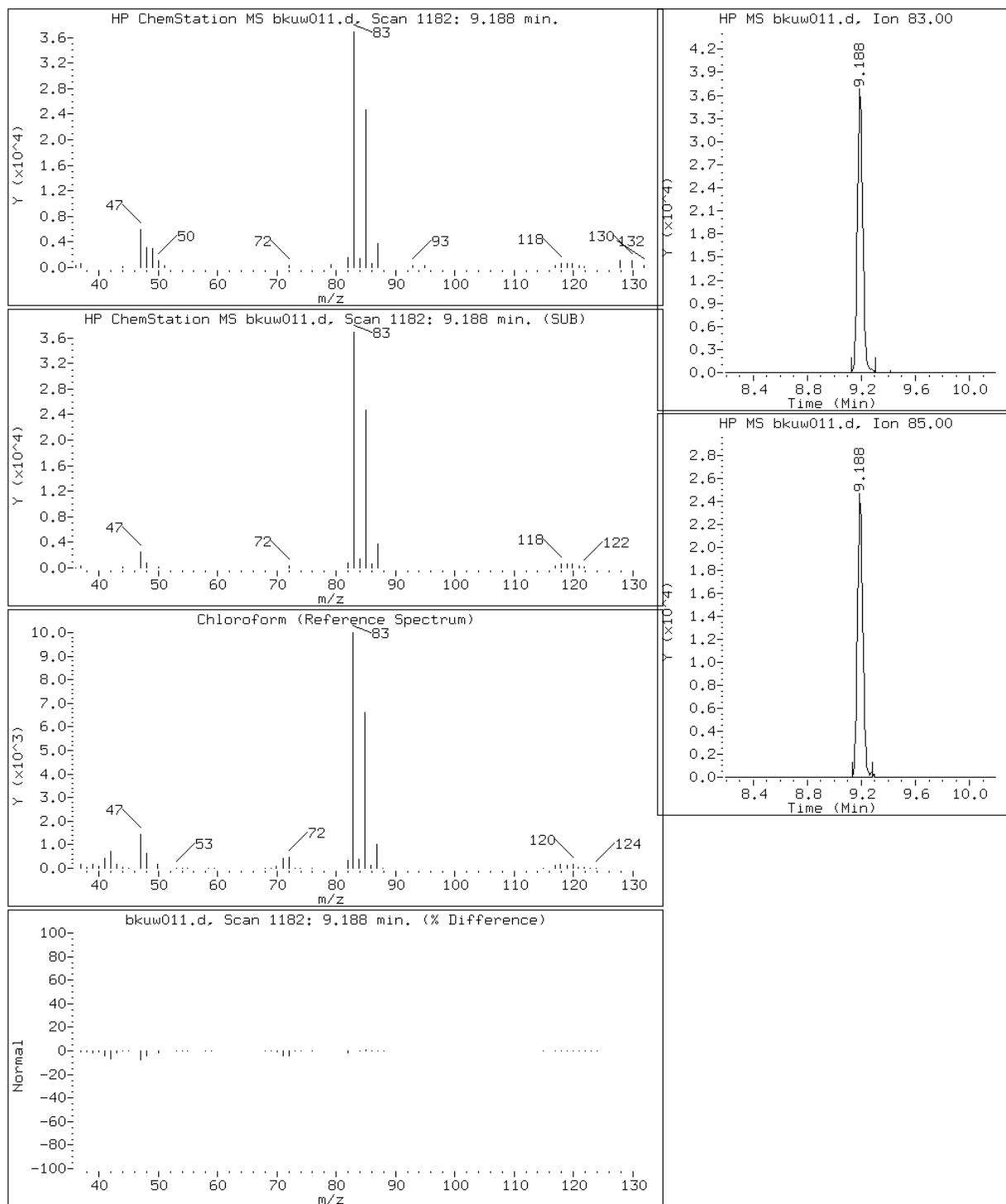
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

39 Chloroform



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

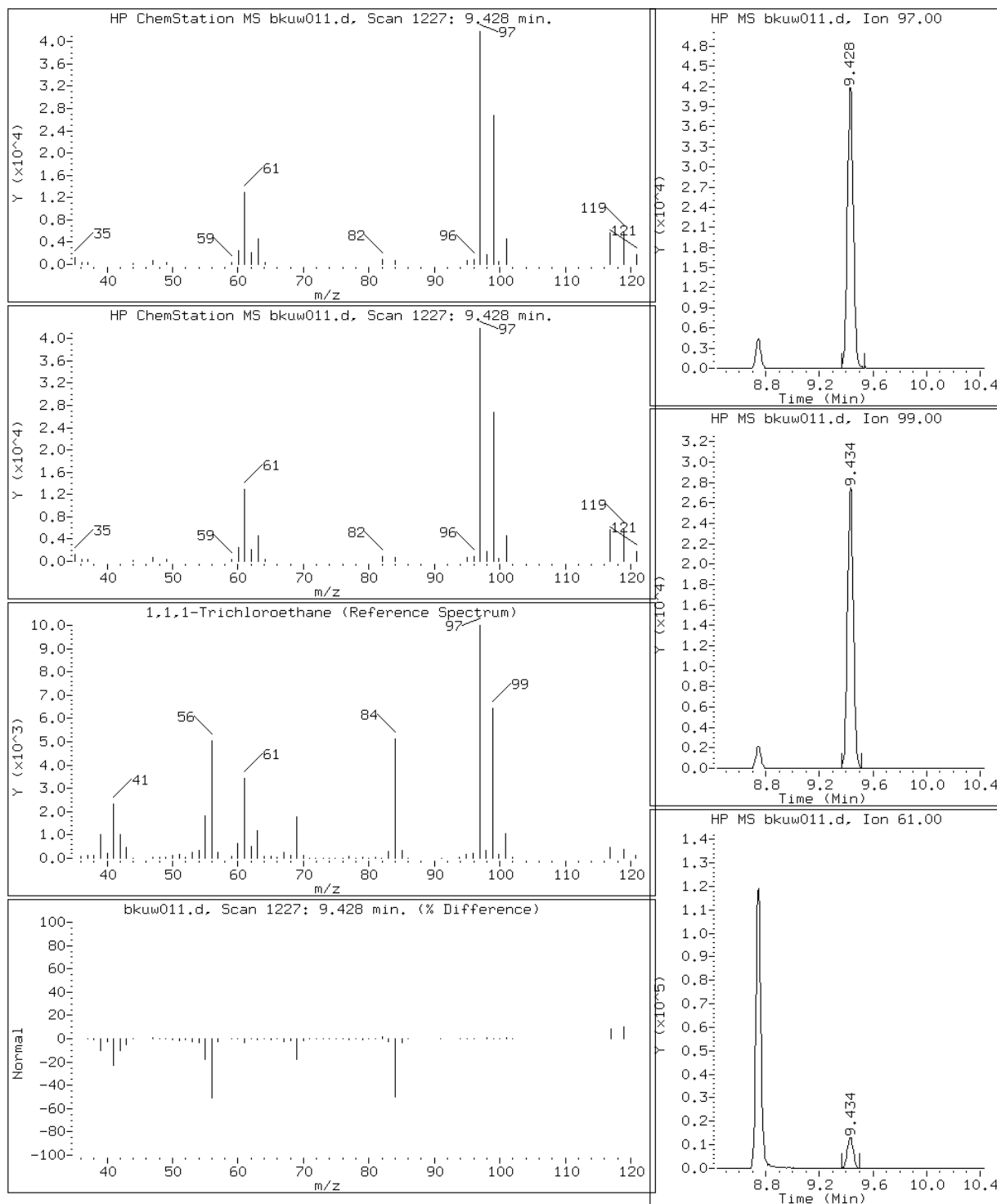
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

41 1,1,1-Trichloroethane



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

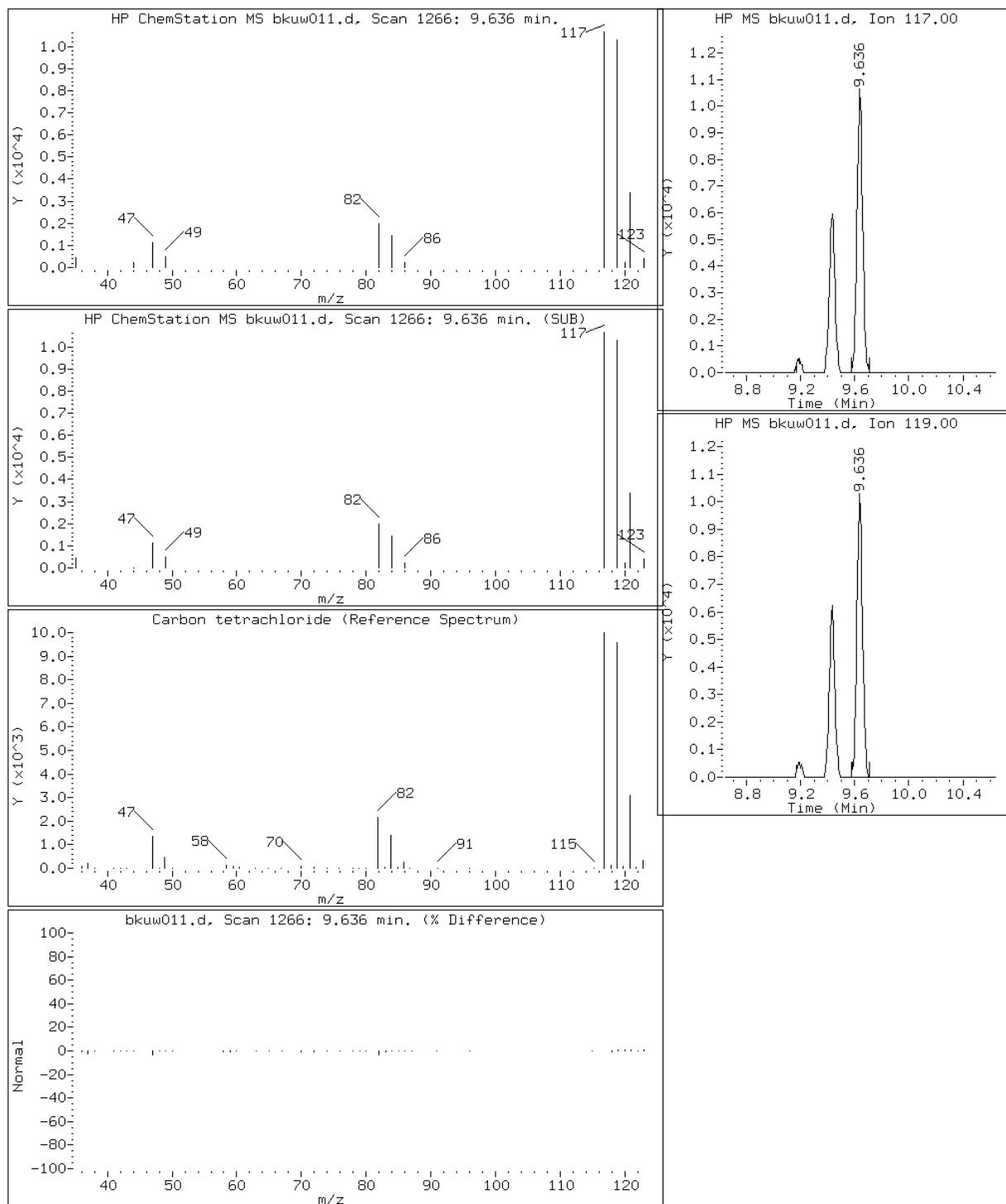
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

42 Carbon tetrachloride



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

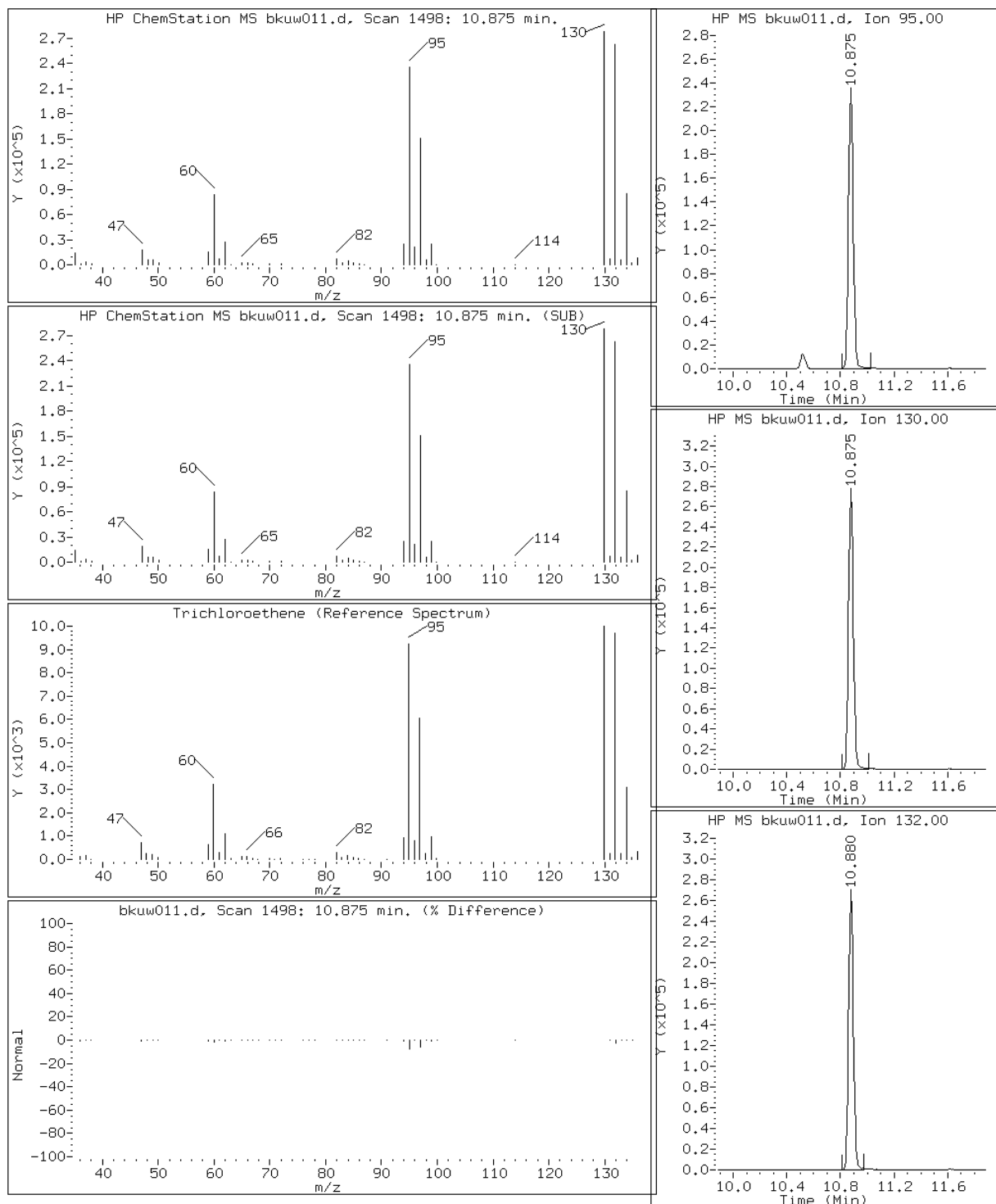
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

49 Trichloroethene



Data File: bkuw011.d

Lab Sample ID: 200-13910-1

Date: 03-DEC-2012 20:30

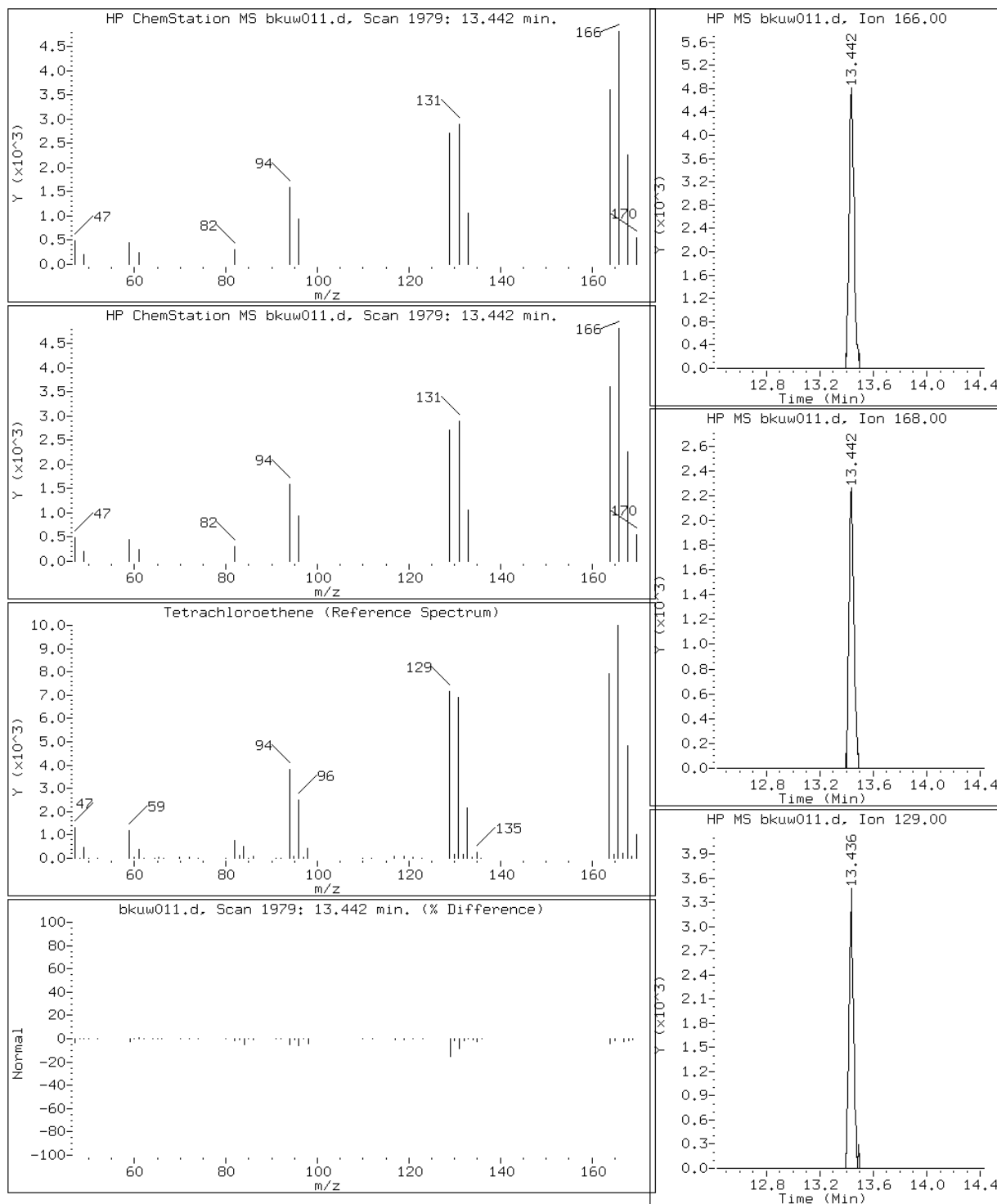
Client ID: SSV-1

Instrument: B.i

Sample Info: 200-13910-A-1

Operator: pad

61 Tetrachloroethene



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-2 Lab Sample ID: 200-13910-3
 Matrix: Air Lab File ID: bkuw012.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 16:50
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 21:22
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.95		0.50	0.020
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.98		0.20	0.021
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.97		0.50	0.023
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.23		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
156-59-2	cis-1,2-Dichloroethene	96.94	1.4		0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	1.4		0.20	0.023
67-66-3	Chloroform	119.38	0.31		0.20	0.024
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.017
79-01-6	Trichloroethene	131.39	3.1		0.20	0.0092
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-88-3	Toluene	92.14	2.2		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	2.1		0.20	0.015

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-2 Lab Sample ID: 200-13910-3
 Matrix: Air Lab File ID: bkuw012.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 16:50
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 21:22
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
100-41-4	Ethylbenzene	106.17	0.65		0.20	0.015
179601-23-1	m,p-Xylene	106.17	2.8		0.50	0.022
95-47-6	Xylene, o-	106.17	1.0		0.20	0.016
1330-20-7	Xylene (total)	106.17	3.8		0.20	0.016
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.011
622-96-8	4-Ethyltoluene	120.20	0.46		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.42		0.20	0.019

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-2 Lab Sample ID: 200-13910-3
 Matrix: Air Lab File ID: bkuw012.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 16:50
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 21:22
 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.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.7		2.5	0.099
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	5.5		1.1	0.12
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	3.4		1.7	0.080
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.80		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
156-59-2	cis-1,2-Dichloroethene	96.94	5.6		0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	5.6		0.79	0.091
67-66-3	Chloroform	119.38	1.5		0.98	0.12
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.070
79-01-6	Trichloroethene	131.39	16		1.1	0.049
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-88-3	Toluene	92.14	8.2		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	14		1.4	0.10

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-2 Lab Sample ID: 200-13910-3
 Matrix: Air Lab File ID: bkuw012.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 16:50
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 21:22
 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.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
100-41-4	Ethylbenzene	106.17	2.8		0.87	0.065
179601-23-1	m,p-Xylene	106.17	12		2.2	0.096
95-47-6	Xylene, o-	106.17	4.5		0.87	0.069
1330-20-7	Xylene (total)	106.17	17		0.87	0.069
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.076
622-96-8	4-Ethyltoluene	120.20	2.3		0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0		0.98	0.093

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-3
Client Smp ID: SSV-2
Inj Date : 03-DEC-2012 21:22
Operator : pad
Smp Info : 200-13910-A-3
Misc Info : 200,1, LL+mec1
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/to15v5.m
Meth Date : 04-Dec-2012 15:27 pd
Cal Date : 01-NOV-2012 00:08
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
Compound Sublist: T015LL+MeCl.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	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	37300	0.94928	0.95
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	4.716	4.716	(0.518)	60417	0.98226	0.98
19 1,1-Dichloroethene	96				Compound Not Detected.		
23 Allyl chloride	41				Compound Not Detected.		
25 Methylene chloride	49	6.706	6.712	(0.737)	17106	0.97367	0.97
27 Methyl tert-butyl ether	73				Compound Not Detected.		
28 1,2-Dichloroethene (trans)	61				Compound Not Detected.		
30 n-Hexane	57	7.443	7.443	(0.818)	6585	0.22661	0.23
31 1,1-Dichloroethane	63				Compound Not Detected.		

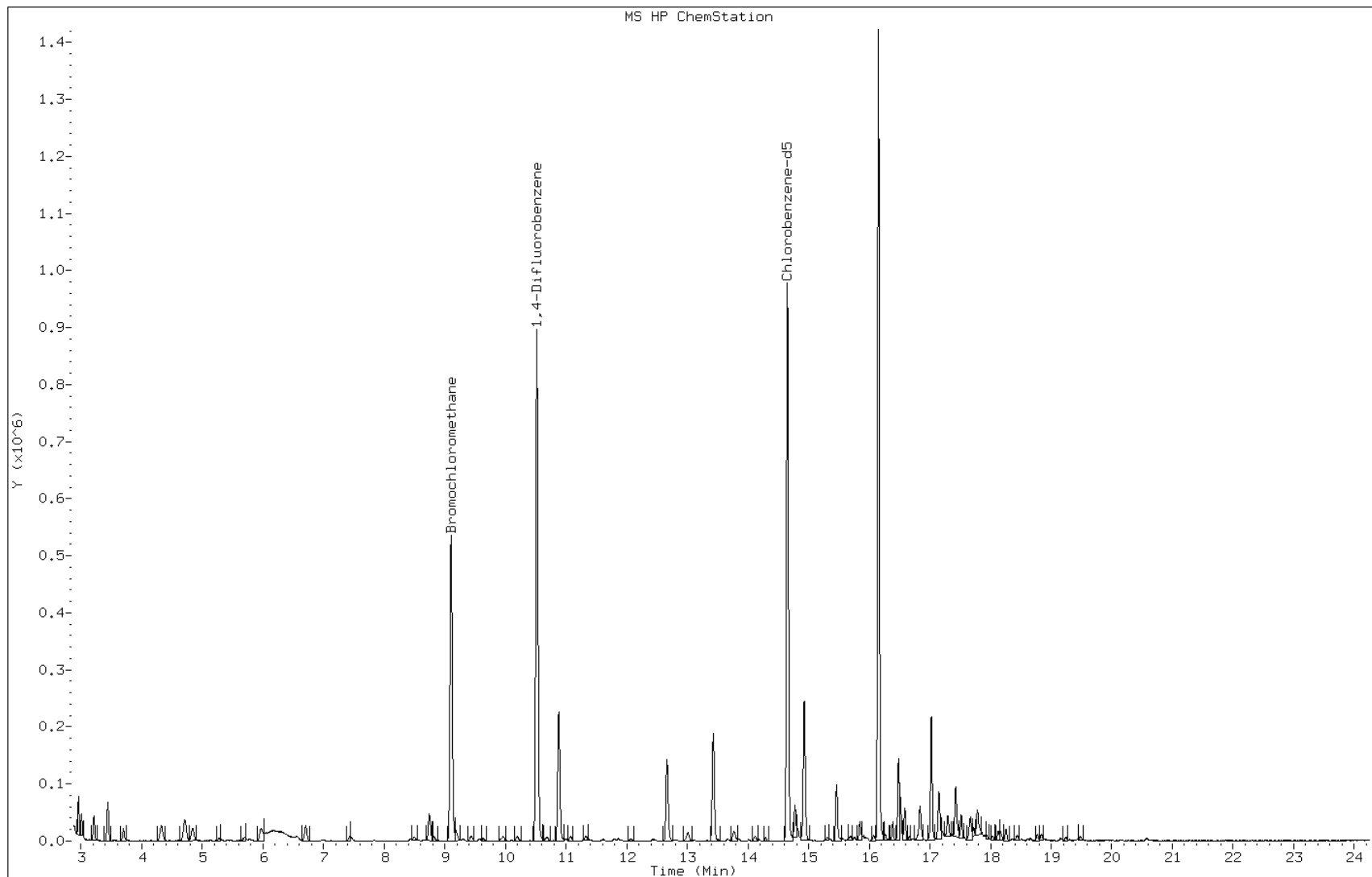
Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ppb v/v)	(ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
M 33 1,2-Dichloroethene, Total		61				35534	1.42495	1.4
34 1,2-Dichloroethene (cis)		96	8.745	8.750	(0.961)	35534	1.42495	1.4
* 37 Bromochloromethane		128	9.103	9.113	(1.000)	258282	10.0000	
39 Chloroform		83	9.188	9.193	(1.009)	15594	0.30993	0.31
40 Cyclohexane		84	9.434	9.450	(0.897)	2695	0.08798	0.088(aQ)
41 1,1,1-Trichloroethane		97	9.428	9.434	(0.896)	5992	0.11198	0.11(a)
42 Carbon tetrachloride		117	9.636	9.642	(0.916)	4545	0.07579	0.076(a)
43 2,2,4-Trimethylpentane		57	Compound Not Detected.					
44 Benzene		78	9.957	9.967	(0.947)	10935	0.16605	0.17(a)
45 1,2-Dichloroethane		62	Compound Not Detected.					
46 n-Heptane		43	10.191	10.202	(0.969)	4255	0.15184	0.15(a)
* 47 1,4-Difluorobenzene		114	10.517	10.522	(1.000)	1136383	10.0000	
49 Trichloroethene		95	10.875	10.885	(1.034)	102891	3.06836	3.1
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	12.662	12.668	(0.864)	92536	2.17140	2.2
59 1,3-Dichloropropene (trans)		75	Compound Not Detected.					
60 1,1,2-Trichloroethane		83	Compound Not Detected.					
61 Tetrachloroethene		166	13.431	13.431	(0.917)	93195	2.09292	2.1
63 Dibromochloromethane		129	Compound Not Detected.					
64 1,2-Dibromoethane		107	Compound Not Detected.					
* 65 Chlorobenzene-d5		117	14.653	14.658	(1.000)	840873	10.0000	
68 Ethylbenzene		91	14.776	14.776	(1.008)	62048	0.65073	0.65
69 Xylene (m,p)		106	14.931	14.936	(1.019)	110313	2.80379	2.8
M 70 Xylenes, Total		106				150129	3.84431	3.8
71 Xylene (o)		106	15.464	15.464	(1.055)	39816	1.04052	1.0
73 Bromoform		173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane		83	Compound Not Detected.					
79 4-Ethyltoluene		105	16.516	16.521	(1.127)	52552	0.45911	0.46(M)
81 1,3,5-Trimethylbenzene		105	16.590	16.590	(1.132)	41022	0.41515	0.42

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: bkuw012.d
Client ID: SSV-2
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-3
Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

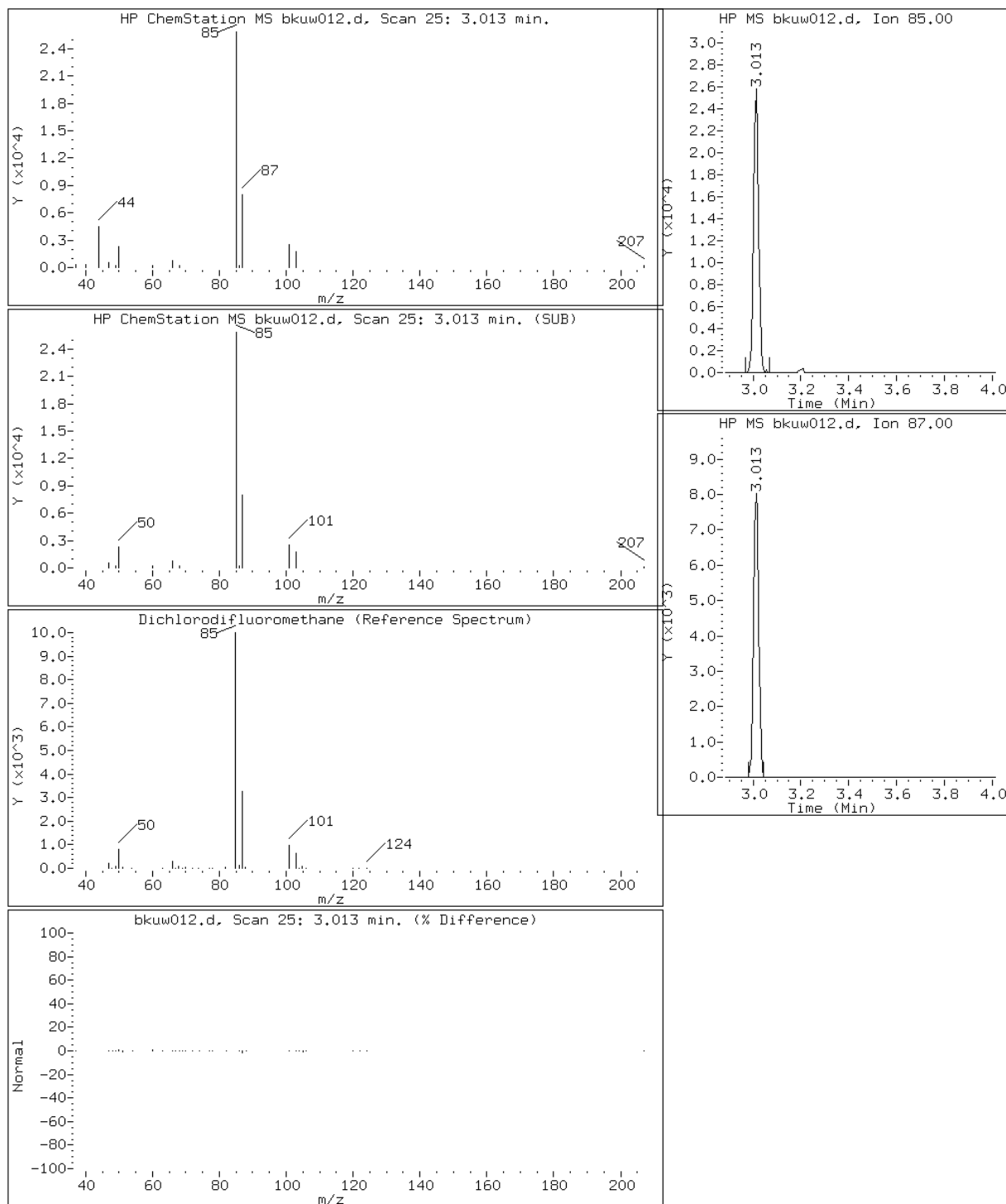
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

2 Dichlorodifluoromethane



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

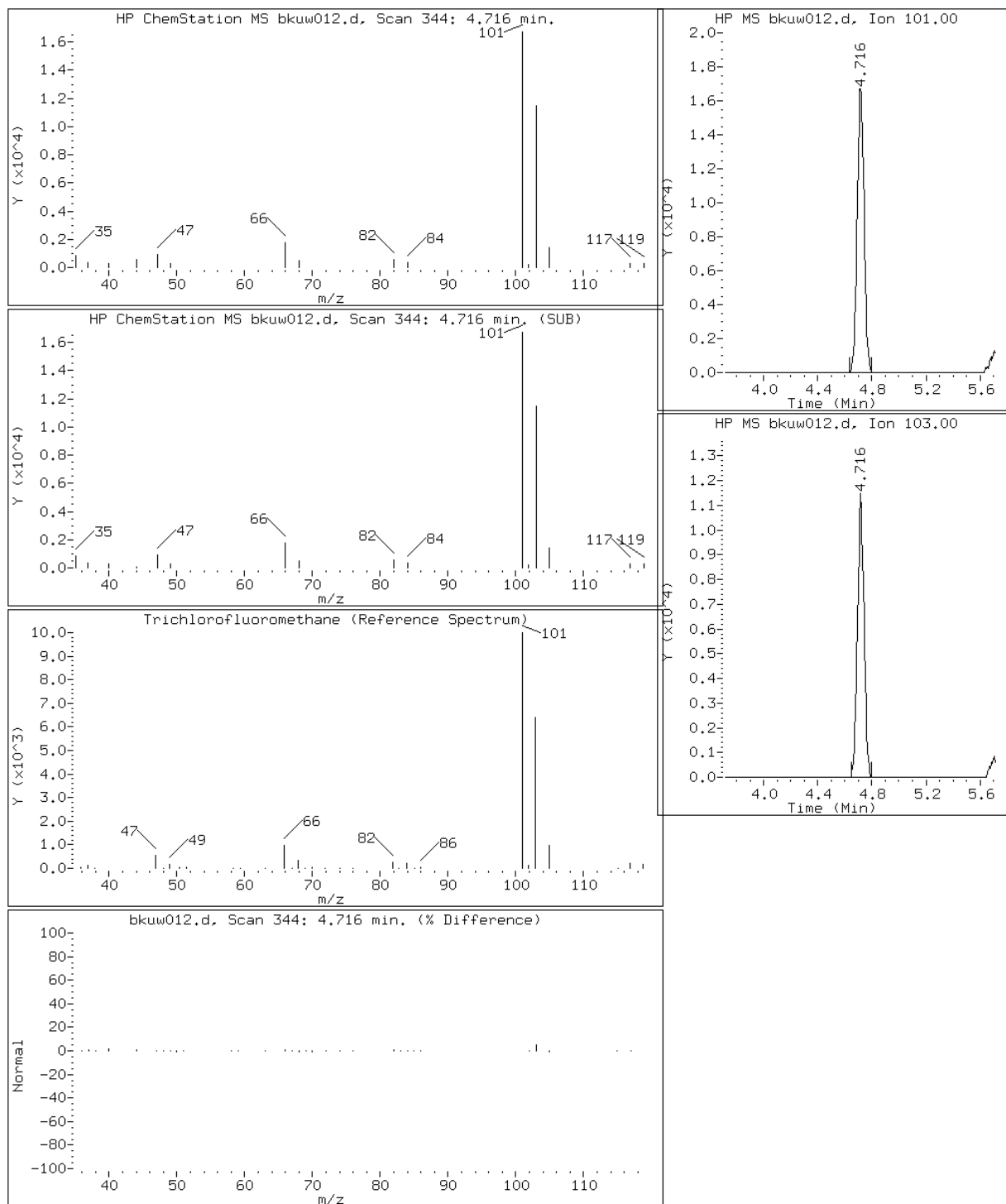
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

13 Trichlorofluoromethane



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

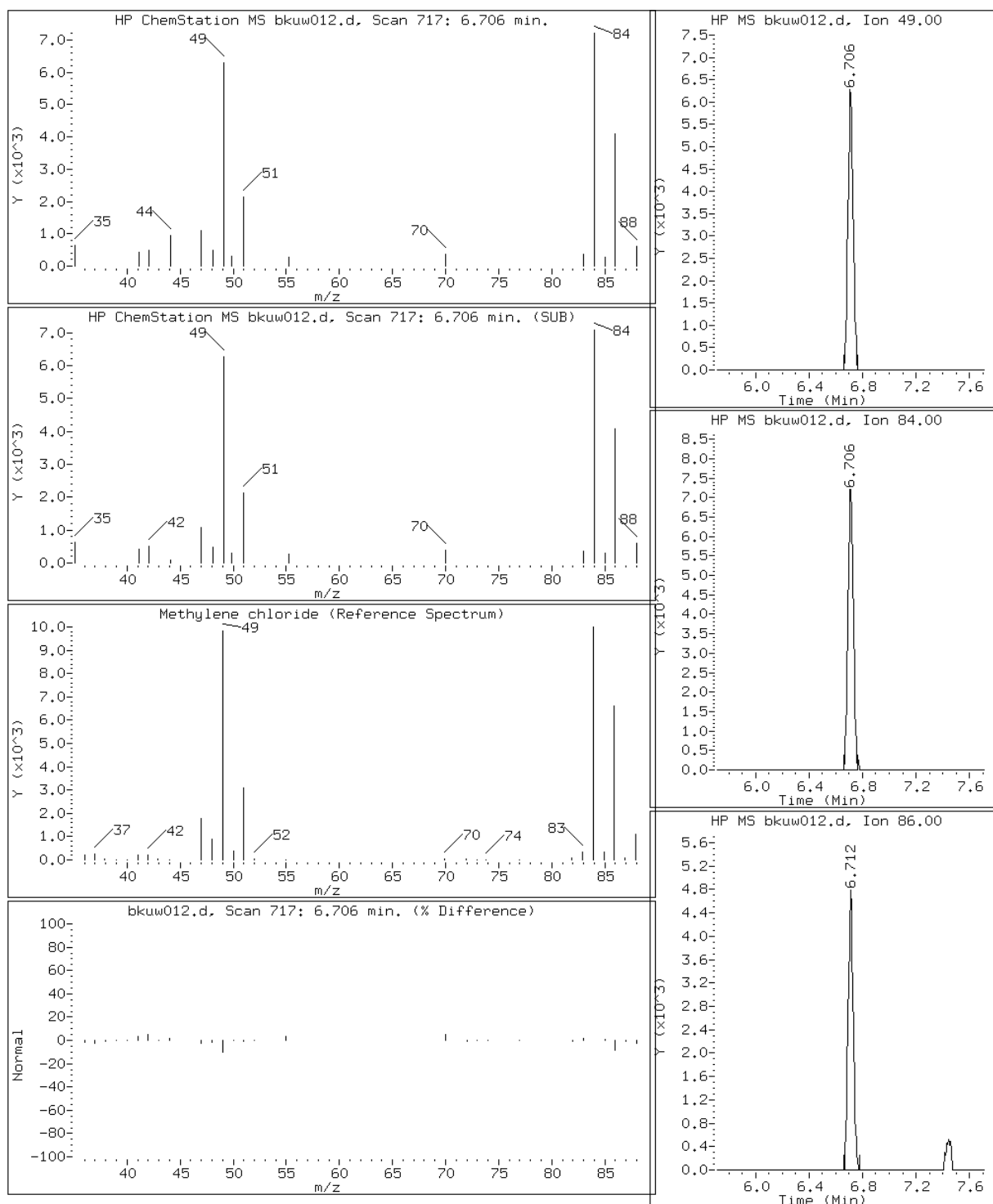
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

25 Methylene chloride



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

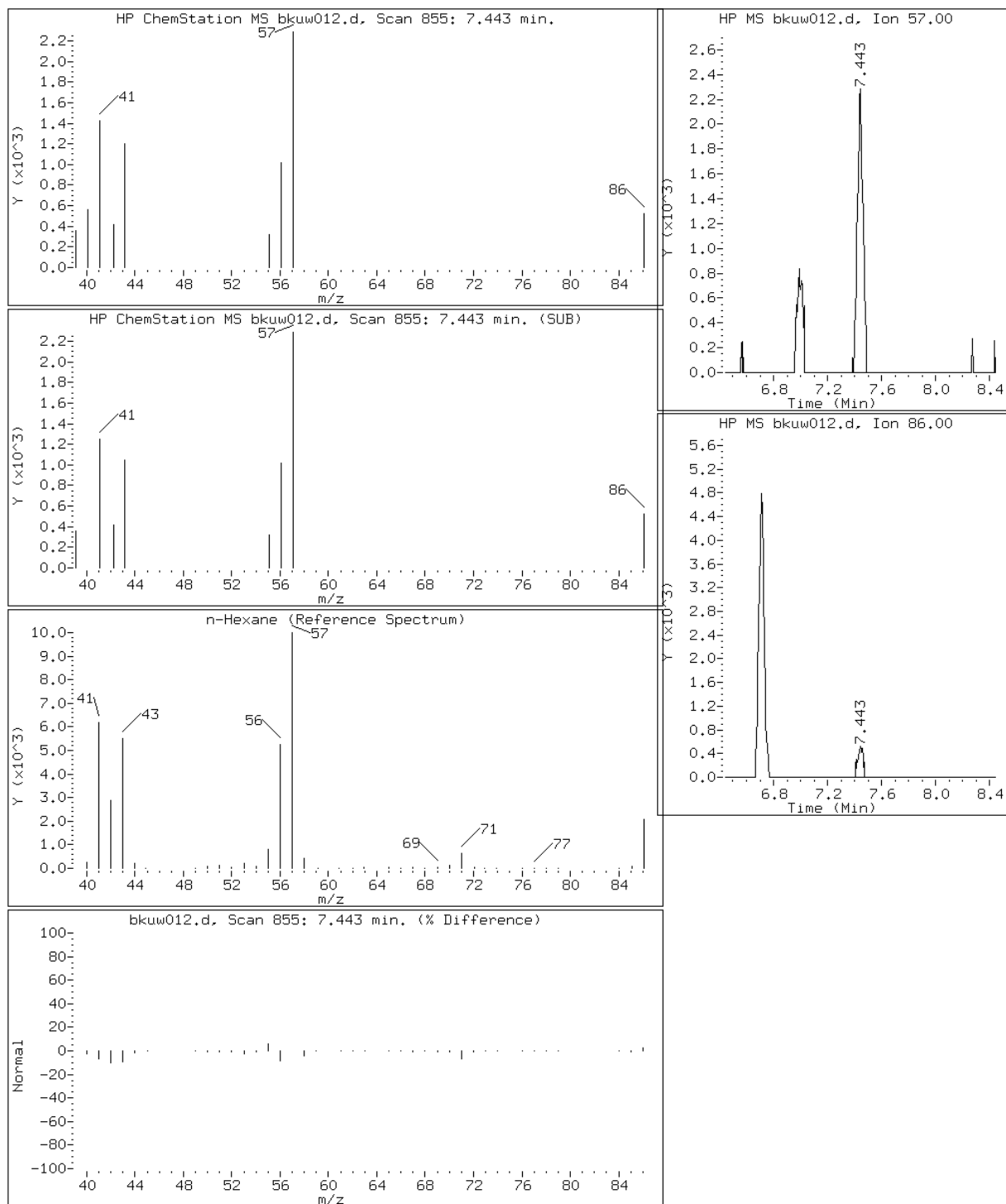
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

30 n-Hexane



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

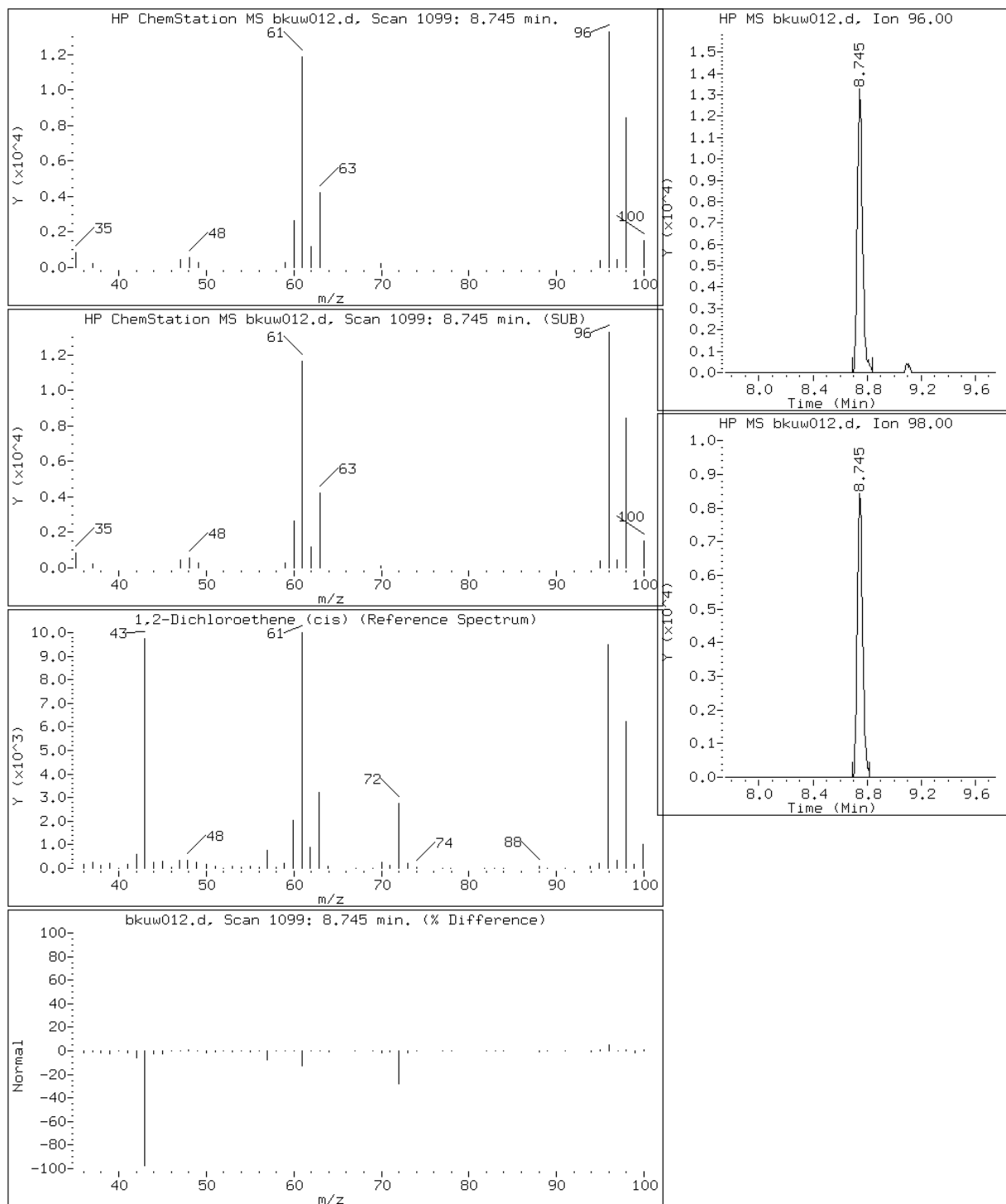
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

34 1,2-Dichloroethene (cis)



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

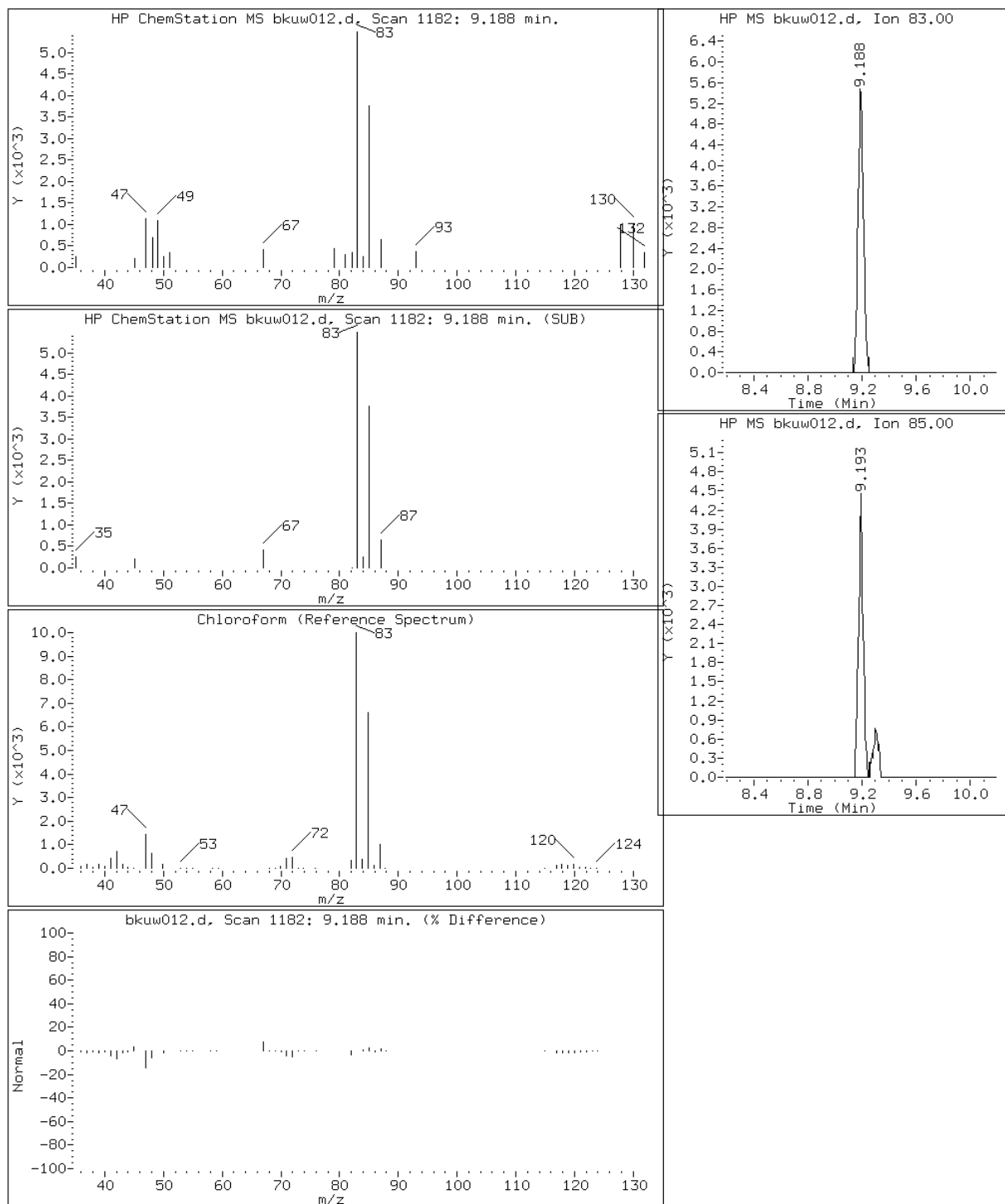
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

39 Chloroform



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

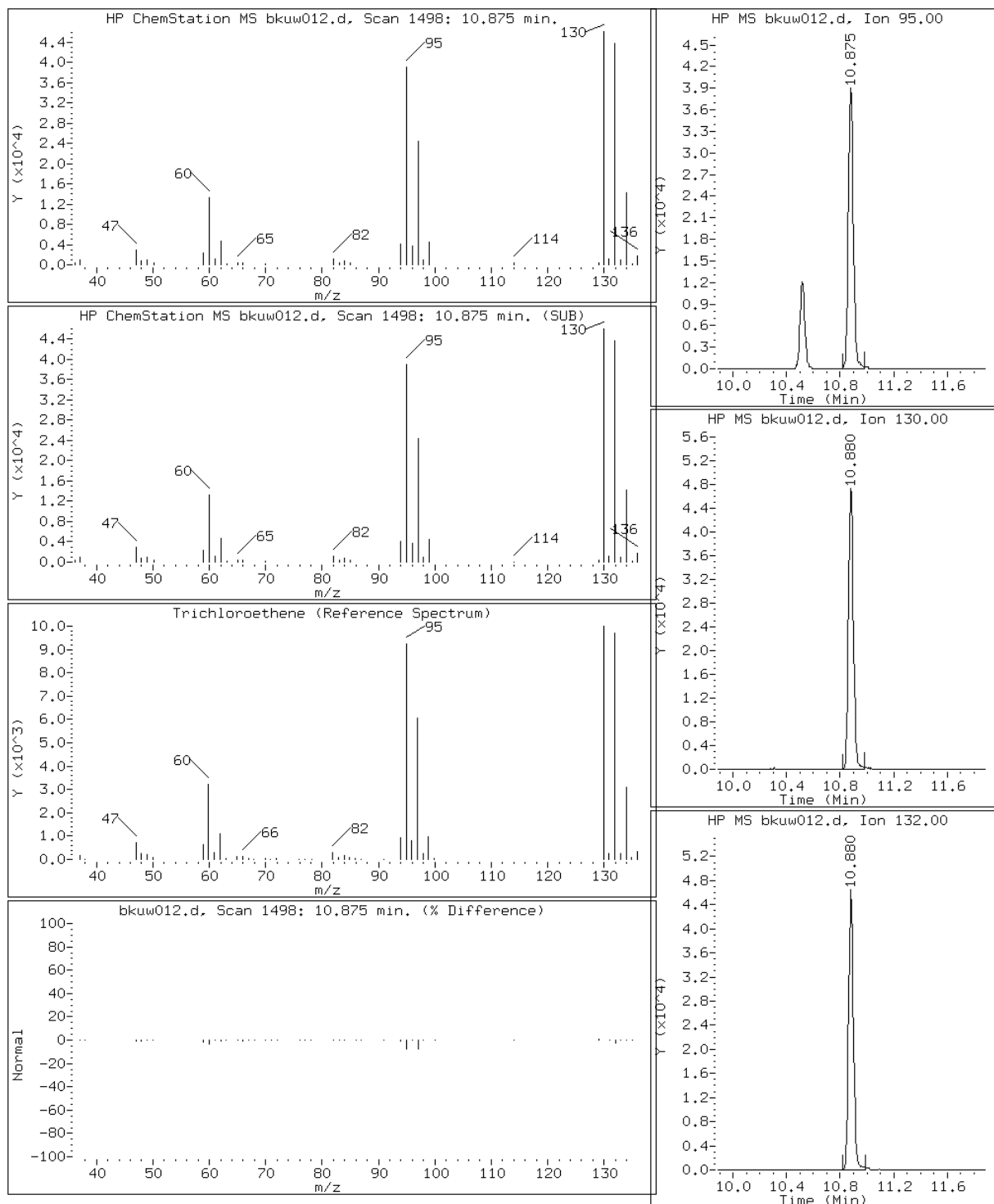
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

49 Trichloroethene



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

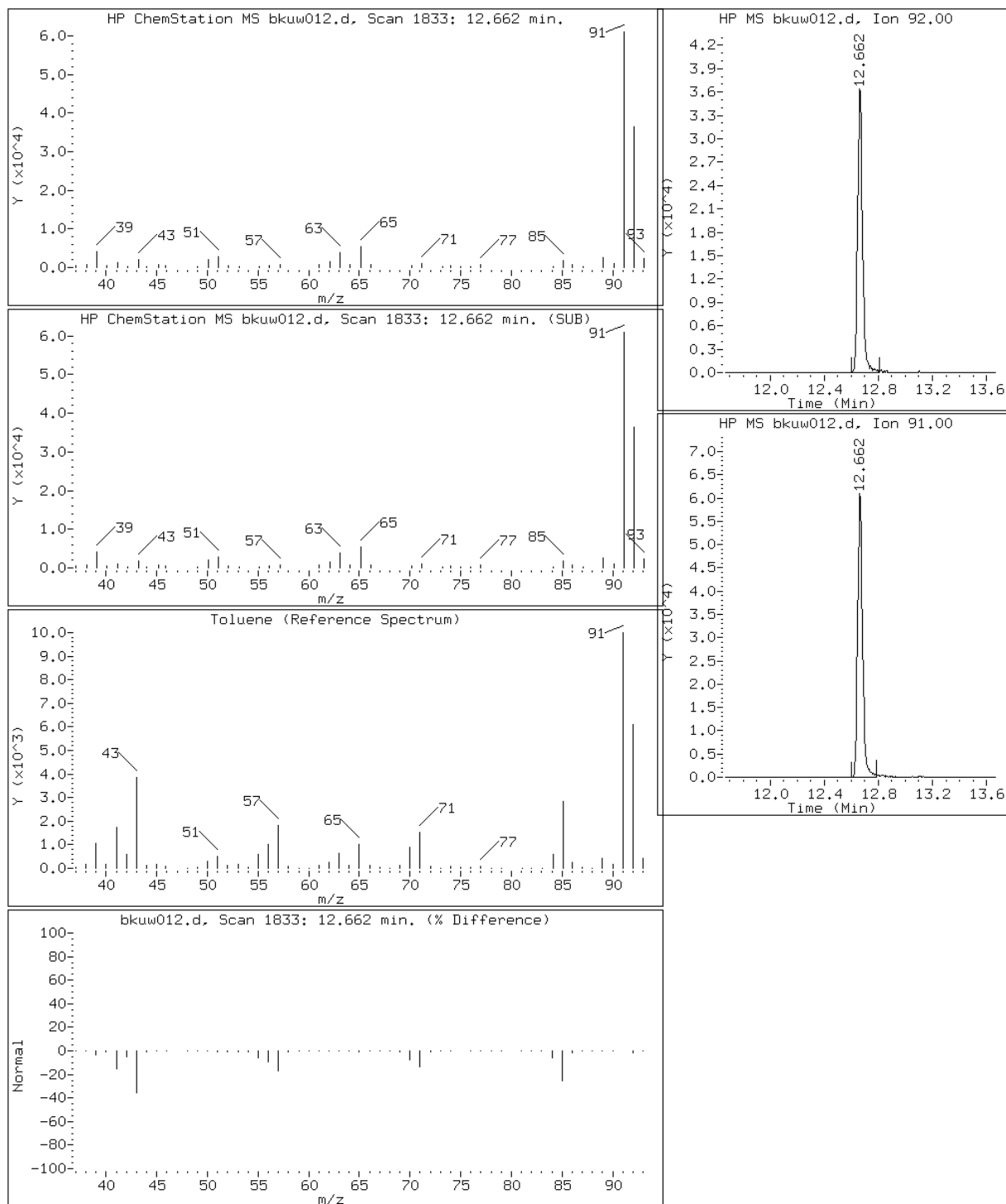
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

58 Toluene



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

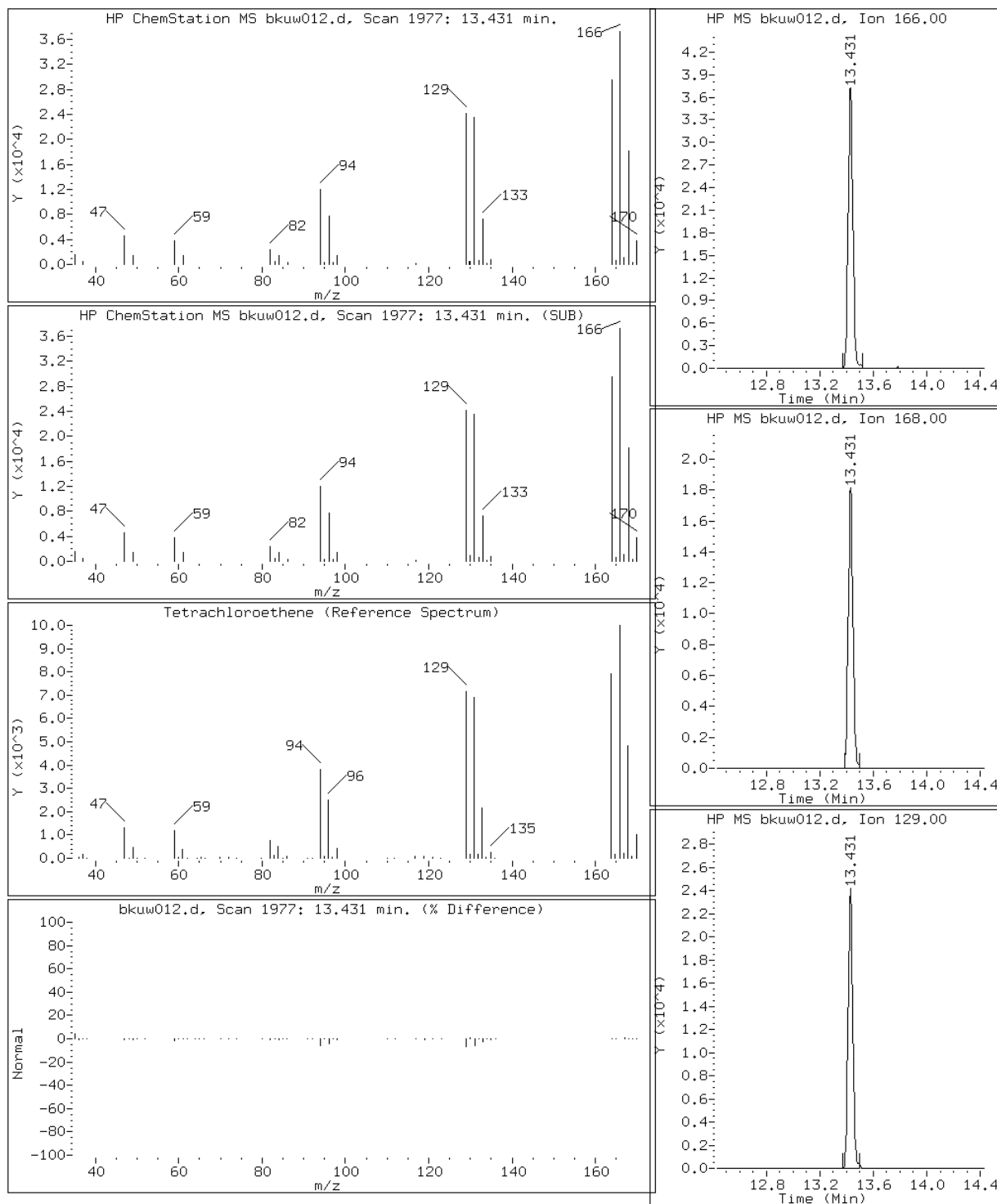
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

61 Tetrachloroethene



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

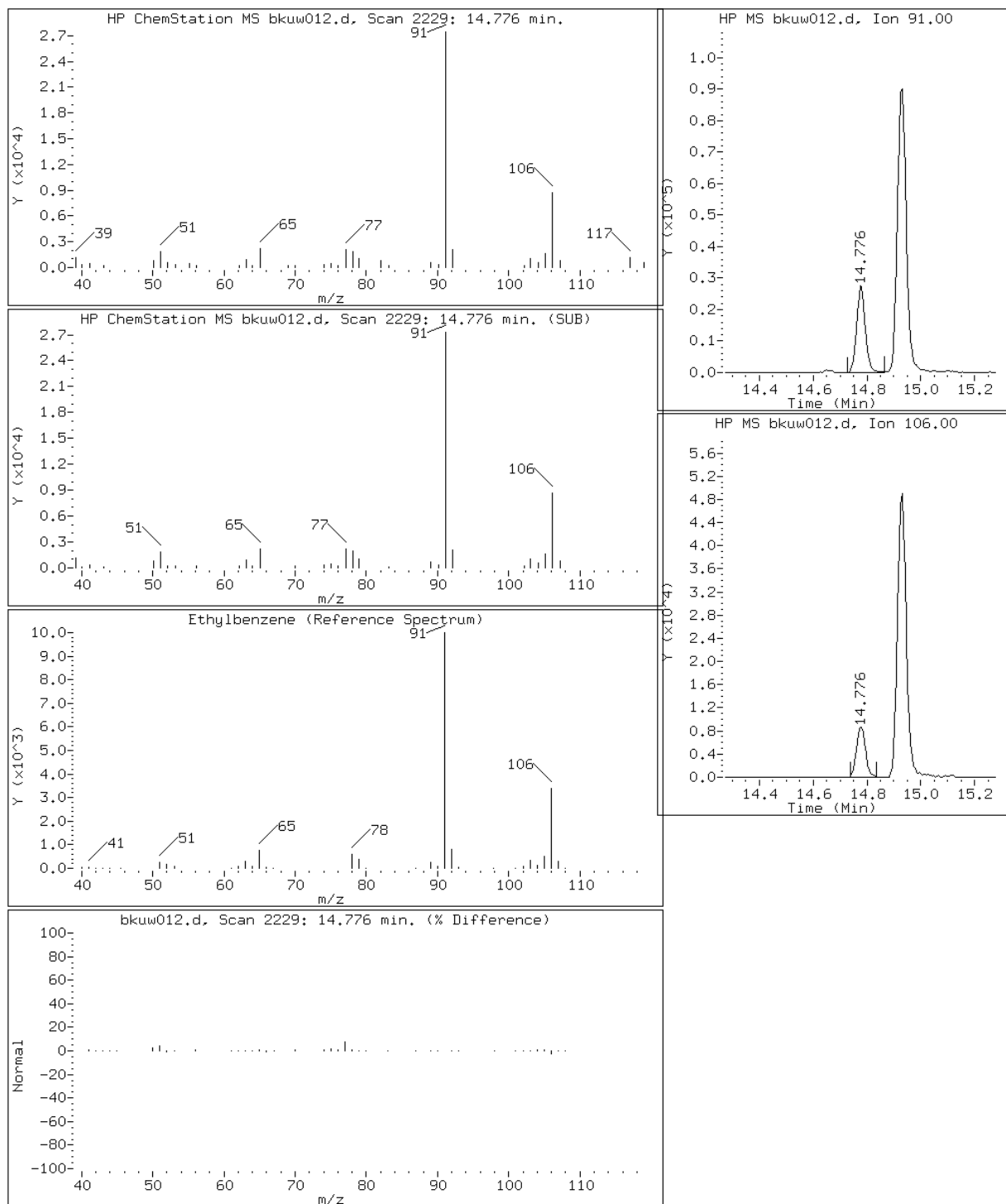
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

68 Ethylbenzene



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

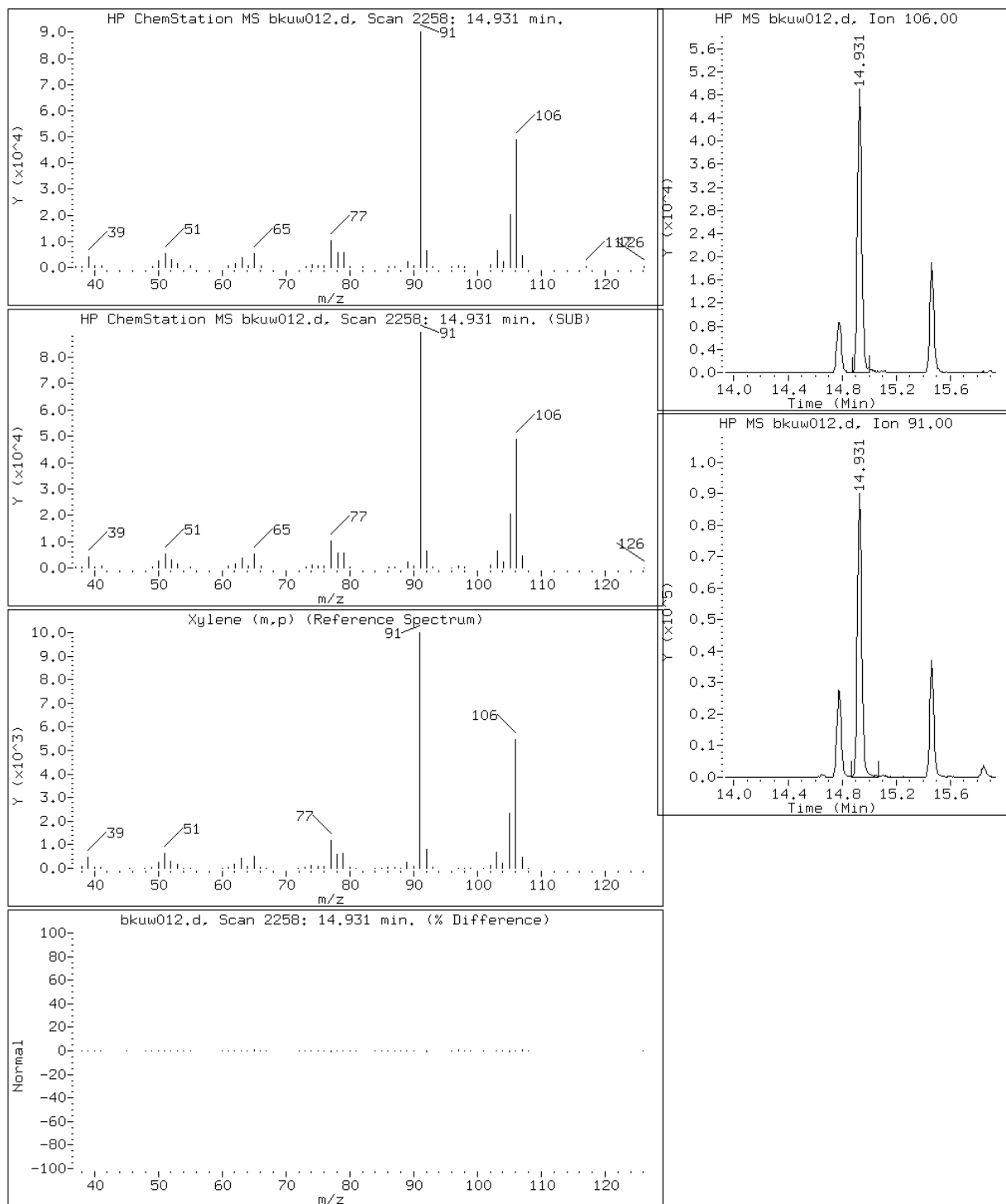
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

69 Xylene (m,p)



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

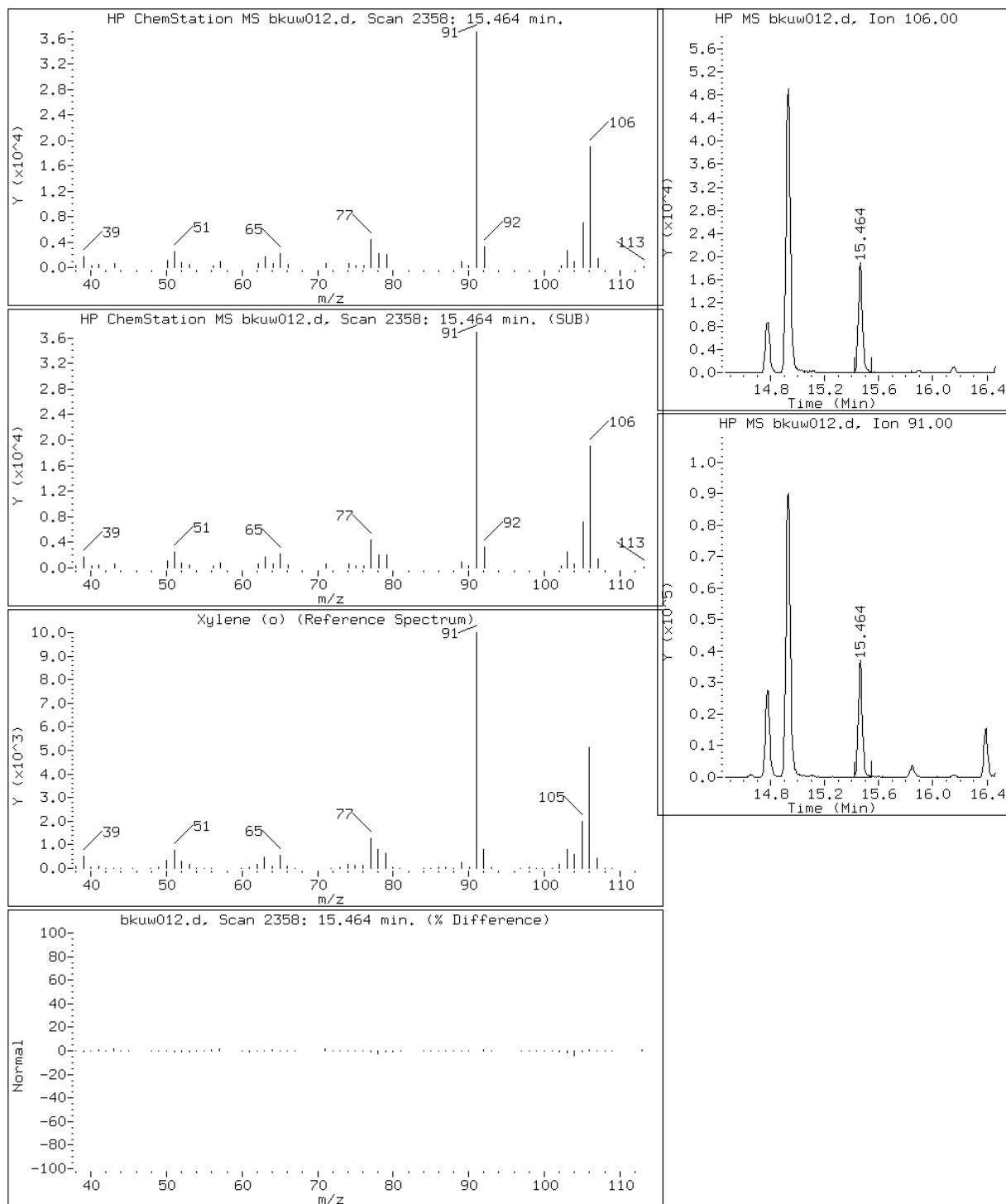
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

71 Xylene (o)



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

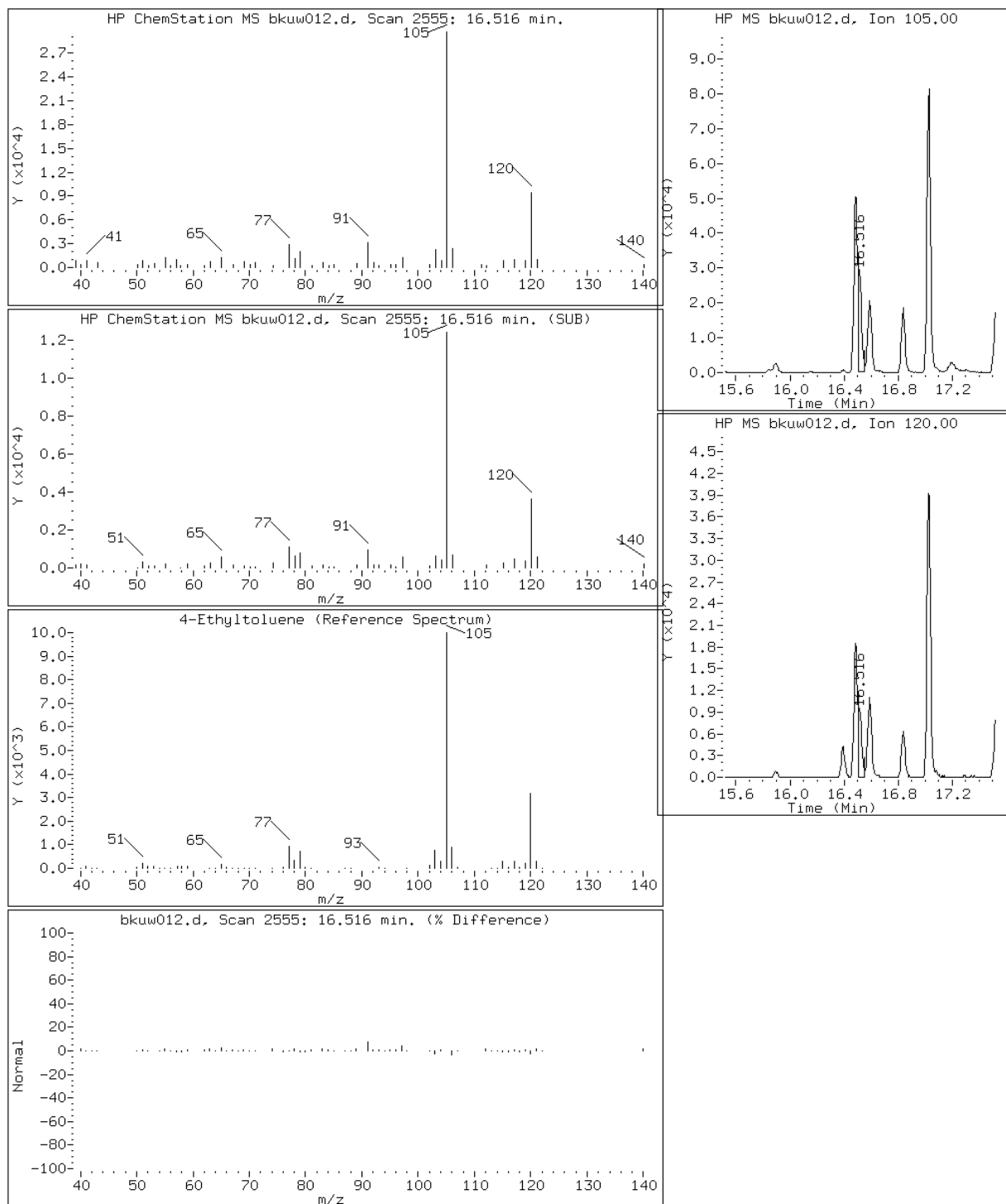
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

79 4-Ethyltoluene



Data File: bkuw012.d

Lab Sample ID: 200-13910-3

Date: 03-DEC-2012 21:22

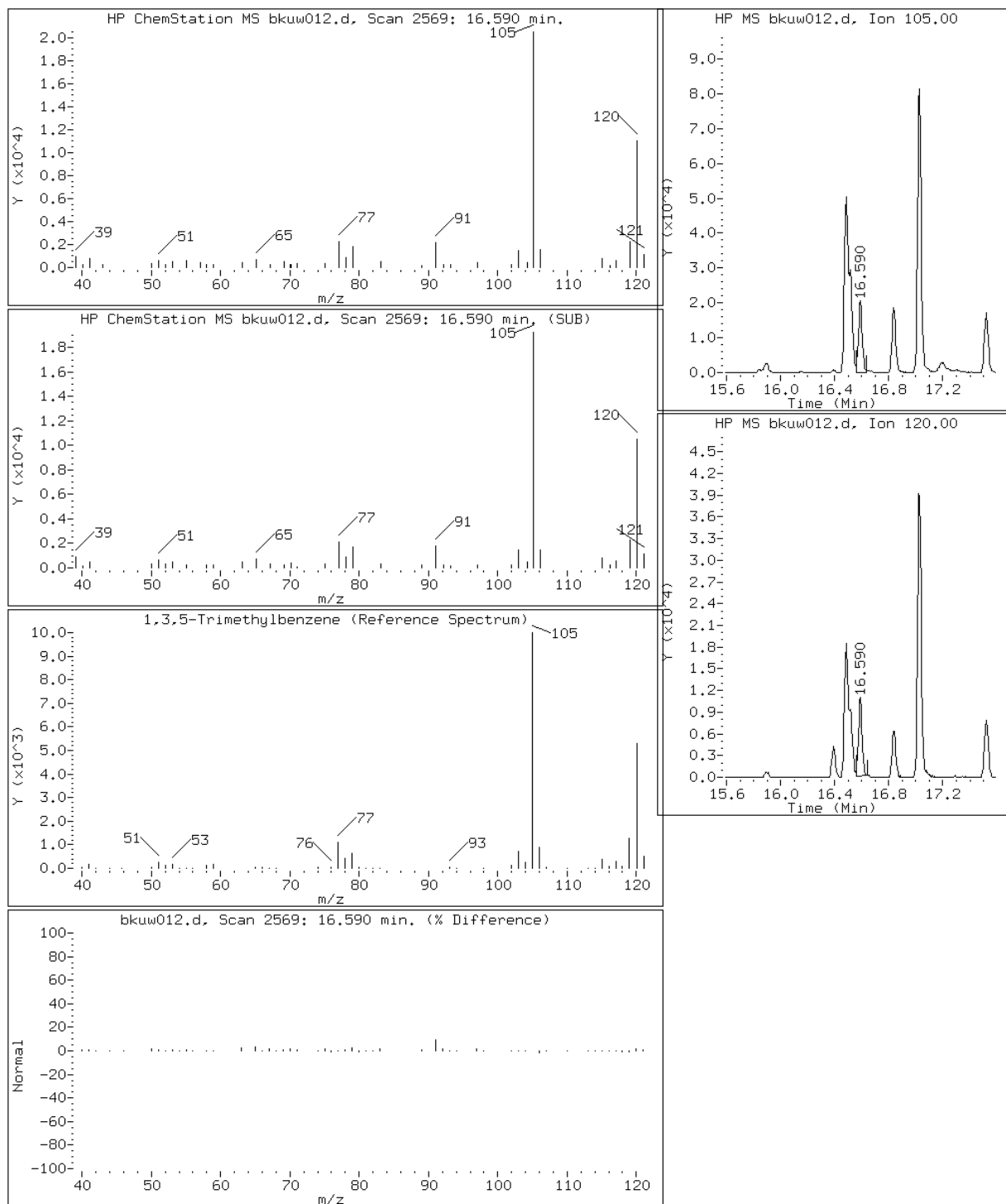
Client ID: SSV-2

Instrument: B.i

Sample Info: 200-13910-A-3

Operator: pad

81 1,3,5-Trimethylbenzene

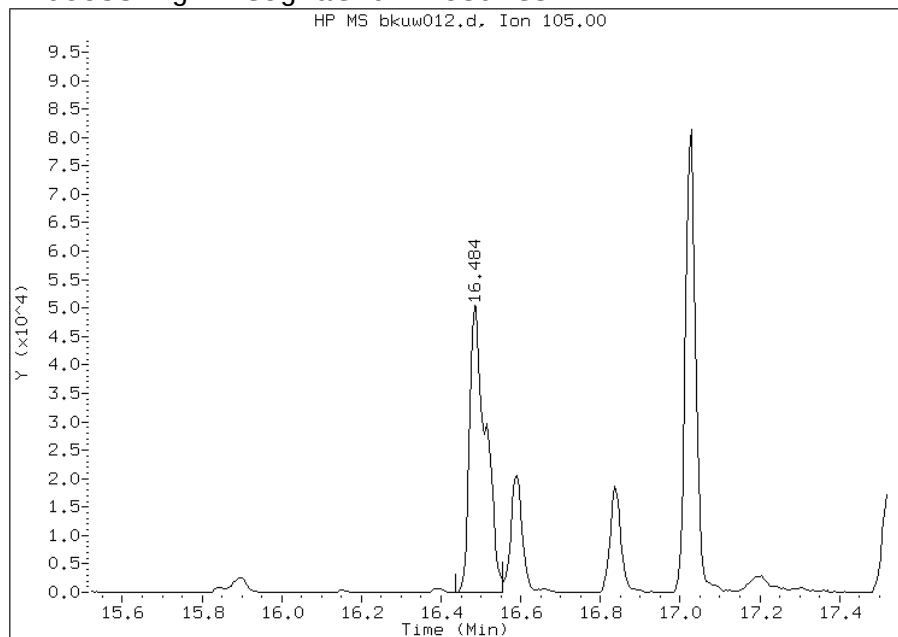


Manual Integration Report

Data File: bkuw012.d
Lab Sample ID: 200-13910-3
Inj. Date and Time: 03-DEC-2012 21:22
Instrument ID: B.i
Client ID: SSV-2
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 12/04/2012

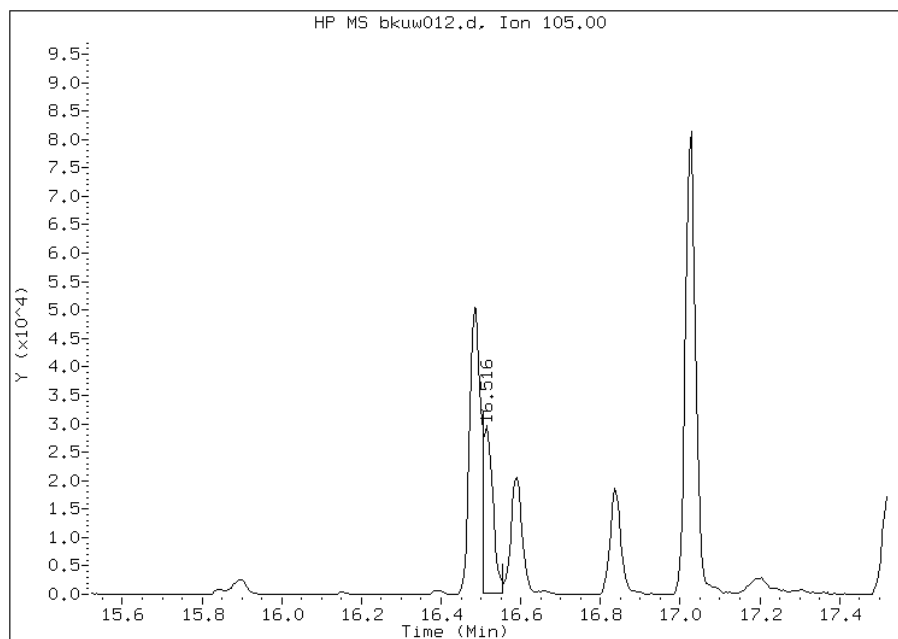
Processing Integration Results

RT: 16.48
Response: 143641
Amount: 1.25
Conc: 1.25



Manual Integration Results

RT: 16.52
Response: 52552
Amount: 0.459108
Conc: 0.459108



File Uploaded By: pd
Manual Integration Reason: Baseline event

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-3 Lab Sample ID: 200-13910-5
 Matrix: Air Lab File ID: bkuw013.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:23
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 22:14
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.76		0.50	0.020
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.68		0.20	0.021
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.023
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.017
79-01-6	Trichloroethene	131.39	2.3		0.20	0.0092
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-88-3	Toluene	92.14	1.0		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.85		0.20	0.015

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-3 Lab Sample ID: 200-13910-5
 Matrix: Air Lab File ID: bkuw013.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:23
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 22:14
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.38		0.20	0.016
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.011
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-3 Lab Sample ID: 200-13910-5
 Matrix: Air Lab File ID: bkuw013.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:23
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 22:14
 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.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.8		2.5	0.099
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	3.8		1.1	0.12
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.091
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.070
79-01-6	Trichloroethene	131.39	12		1.1	0.049
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-88-3	Toluene	92.14	3.9		0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	5.8		1.4	0.10

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: SSV-3 Lab Sample ID: 200-13910-5
 Matrix: Air Lab File ID: bkuw013.d
 Analysis Method: TO-15 Date Collected: 11/27/2012 17:23
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 22:14
 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.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.7		0.87	0.069
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.076
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-13910-5
Client Smp ID: SSV-3
Inj Date : 03-DEC-2012 22:14
Operator : pad
Smp Info : 200-13910-A-5
Misc Info : 200,1, LL+mec1
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/to15v5.m
Meth Date : 04-Dec-2012 15:27 pd
Cal Date : 01-NOV-2012 00:08
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
Compound Sublist: T015LL+MeCl.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	FINAL
							(ppb v/v)	(ppb v/v)
2 Dichlorodifluoromethane	85		3.019	3.013	(0.331)	29382	0.76222	0.76
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		4.726	4.716	(0.519)	41259	0.68375	0.68
19 1,1-Dichloroethene	96							
23 Allyl chloride	41							
25 Methylene chloride	49		6.717	6.712	(0.737)	4586	0.26608	0.27(aQ)
27 Methyl tert-butyl ether	73							
28 1,2-Dichloroethene (trans)	61							
30 n-Hexane	57		7.448	7.443	(0.818)	3120	0.10944	0.11(aQ)
31 1,1-Dichloroethane	63							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
M 33 1,2-Dichloroethene, Total	61				Compound Not Detected.		
34 1,2-Dichloroethene (cis)	96				Compound Not Detected.		
* 37 Bromochloromethane	128	9.108	9.113	(1.000)	253386	10.0000	
39 Chloroform	83	9.199	9.193	(1.010)	4351	0.08815	0.088(a)
40 Cyclohexane	84	9.434	9.450	(0.897)	1811	0.06015	0.060(a)
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.897)	4487	0.08532	0.085(a)
42 Carbon tetrachloride	117	9.636	9.642	(0.916)	3894	0.06608	0.066(a)
43 2,2,4-Trimethylpentane	57				Compound Not Detected.		
44 Benzene	78	9.973	9.967	(0.948)	9435	0.14578	0.15(a)
45 1,2-Dichloroethane	62				Compound Not Detected.		
46 n-Heptane	43	10.197	10.202	(0.969)	2122	0.07705	0.077(a)
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1116833	10.0000	
49 Trichloroethene	95	10.880	10.885	(1.034)	76332	2.31618	2.3
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	12.668	12.668	(0.864)	44433	1.02929	1.0
59 1,3-Dichloropropene (trans)	75				Compound Not Detected.		
60 1,1,2-Trichloroethane	83				Compound Not Detected.		
61 Tetrachloroethene	166	13.436	13.431	(0.917)	38423	0.85183	0.85
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	14.653	14.658	(1.000)	851782	10.0000	
68 Ethylbenzene	91	14.786	14.776	(1.009)	12567	0.13011	0.13(a)
69 Xylene (m,p)	106	14.936	14.936	(1.019)	11960	0.30009	0.30(a)
M 70 Xylenes, Total	106				15100	0.38110	0.38
71 Xylene (o)	106	15.486	15.464	(1.057)	3140	0.08101	0.081(a)
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.		

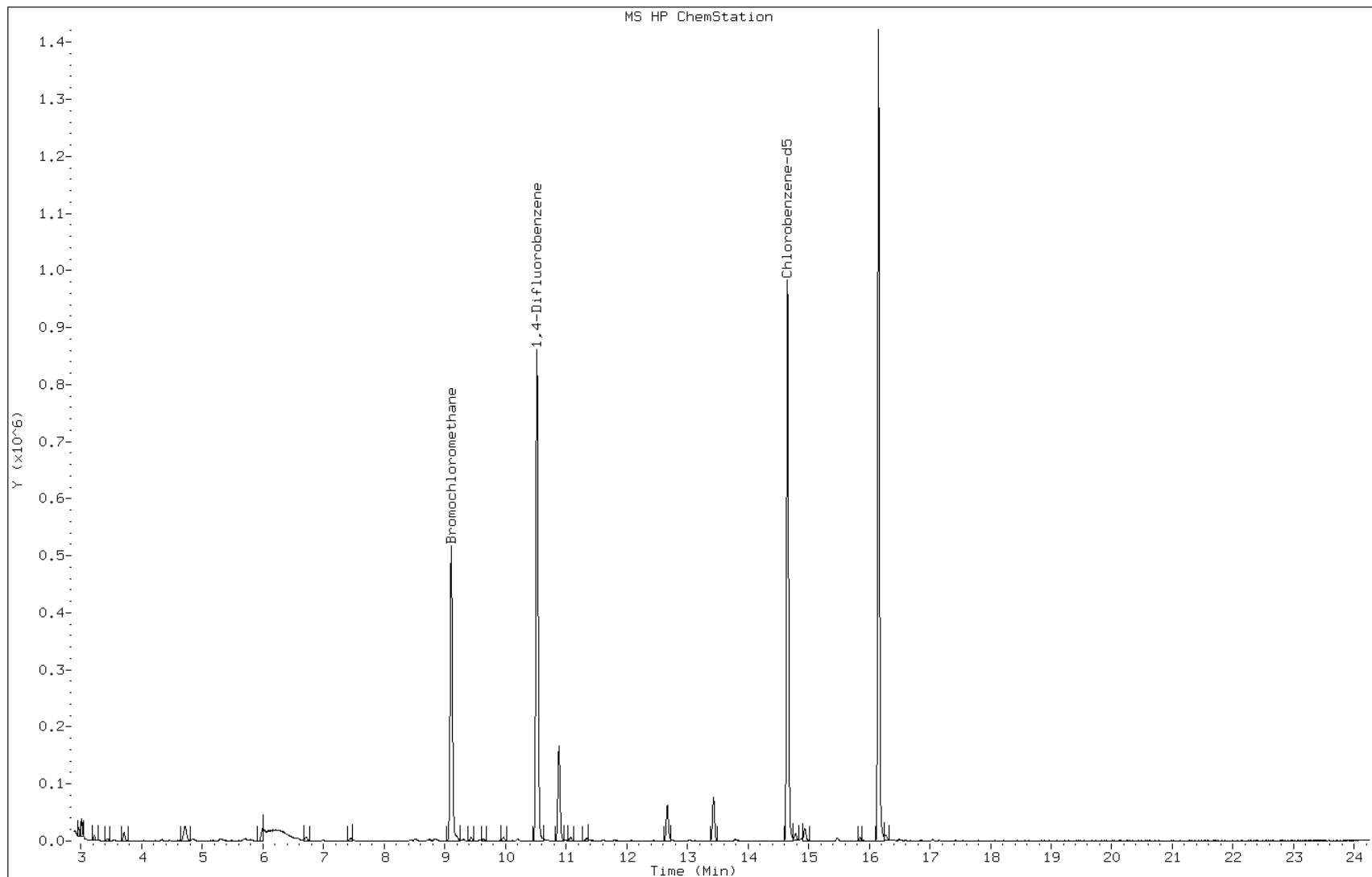
QC Flag Legend

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

Q - Qualifier signal failed the ratio test.

Data File: bkuw013.d
Client ID: SSV-3
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13910-A-5
Lab Sample ID: 200-13910-5

Date: 03-DEC-2012 22:14
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



Data File: bkuw013.d

Lab Sample ID: 200-13910-5

Date: 03-DEC-2012 22:14

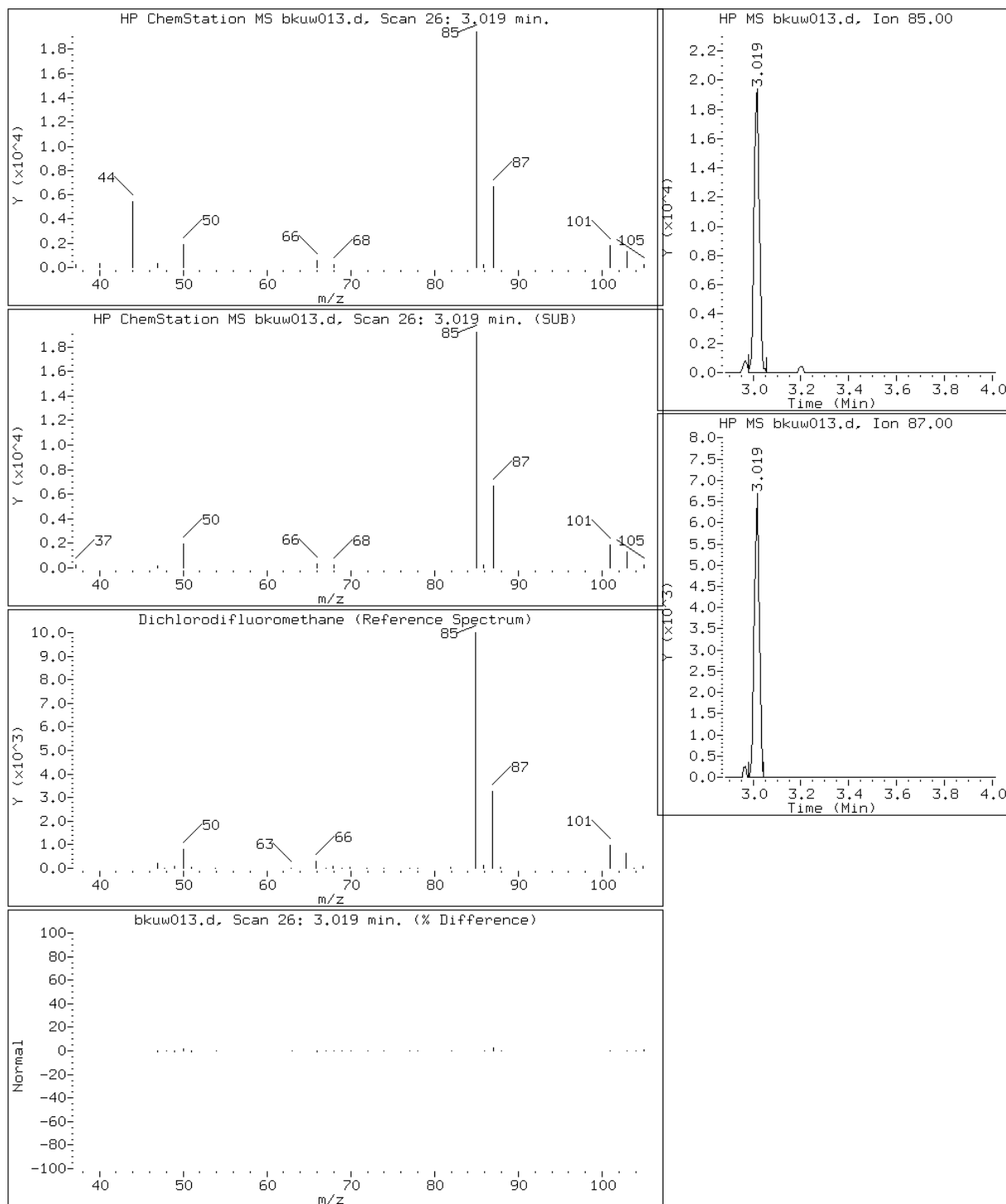
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-13910-A-5

Operator: pad

2 Dichlorodifluoromethane



Data File: bkuw013.d

Lab Sample ID: 200-13910-5

Date: 03-DEC-2012 22:14

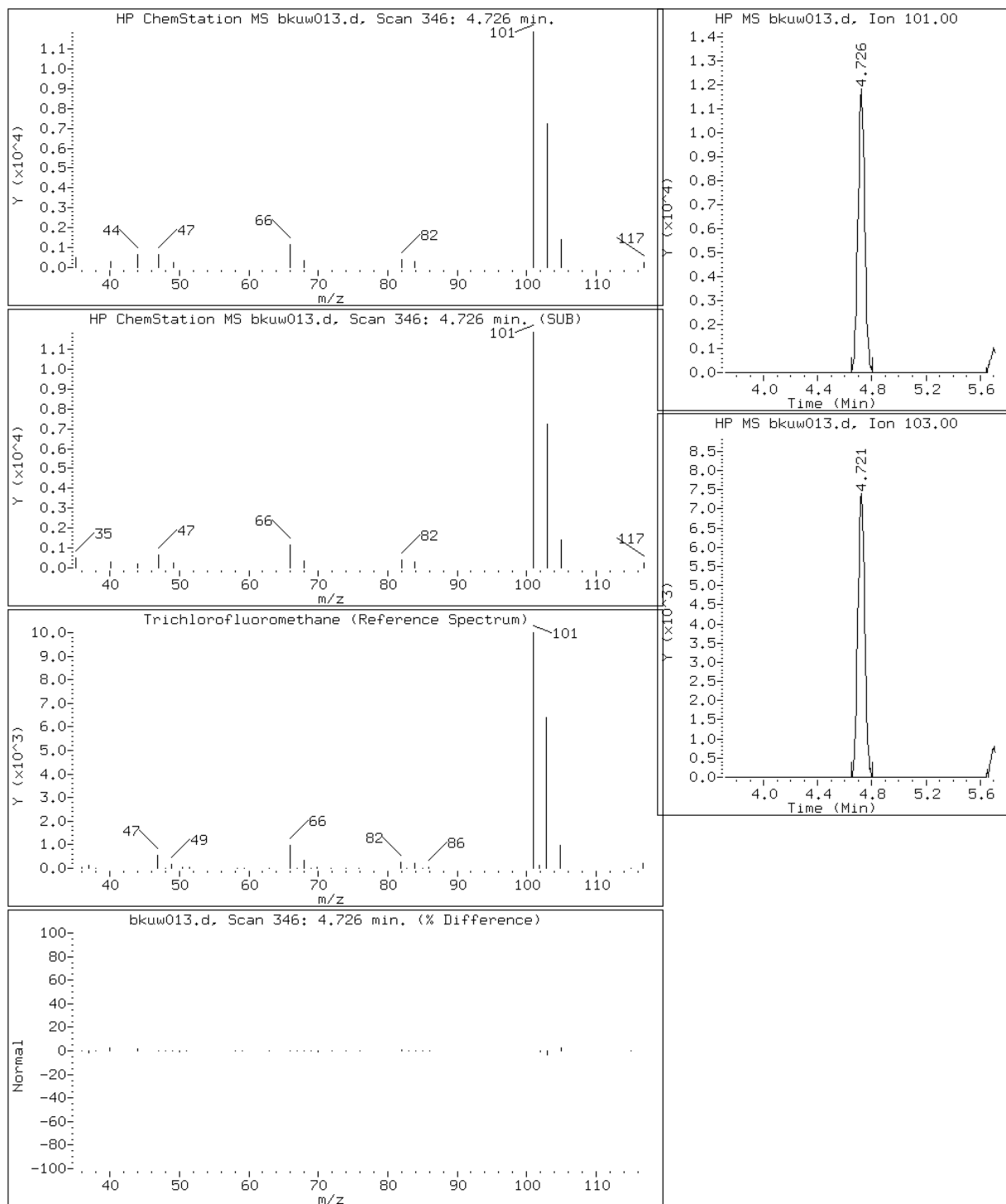
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-13910-A-5

Operator: pad

13 Trichlorofluoromethane



Data File: bkuw013.d

Lab Sample ID: 200-13910-5

Date: 03-DEC-2012 22:14

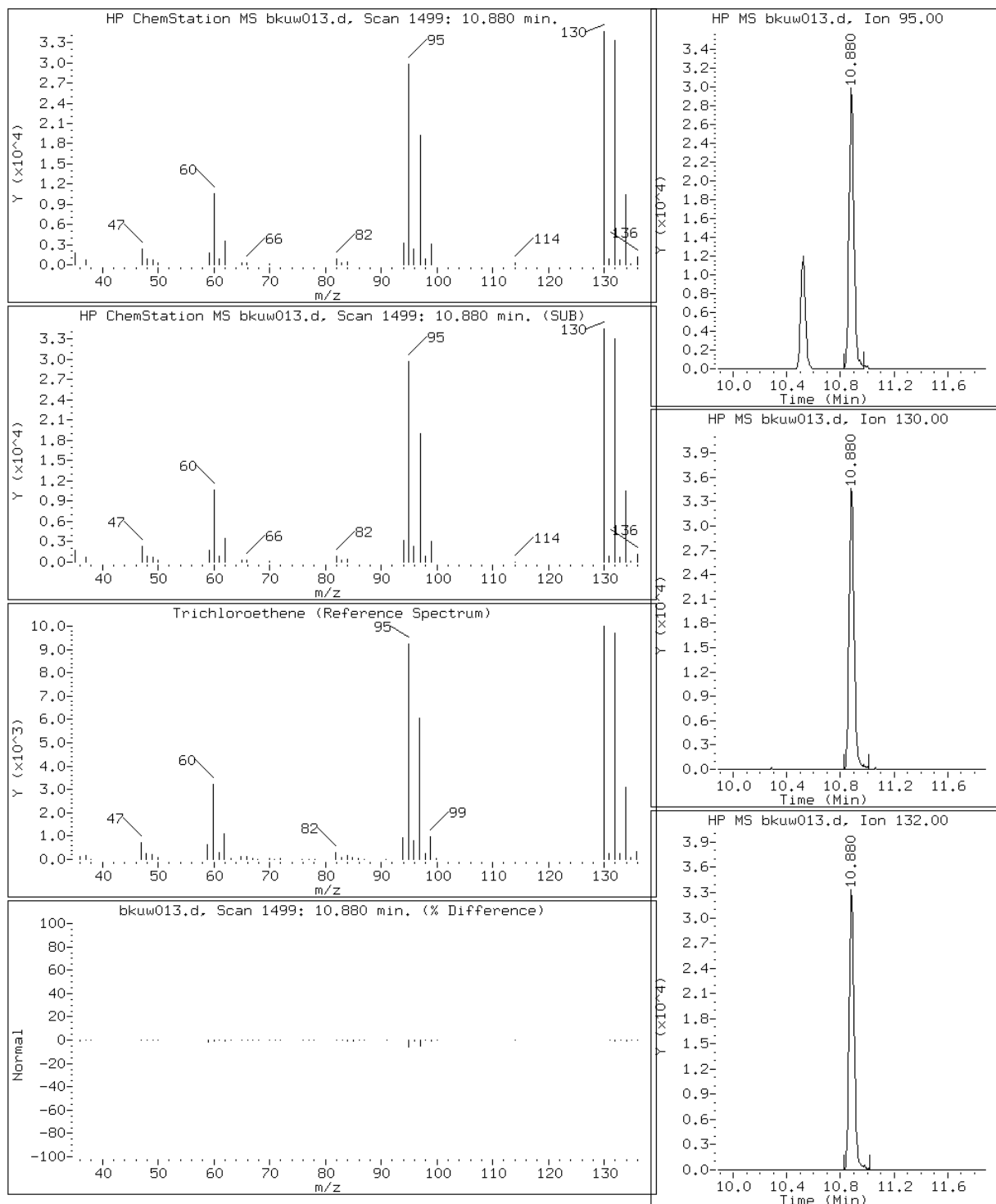
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-13910-A-5

Operator: pad

49 Trichloroethene



Data File: bkuw013.d

Lab Sample ID: 200-13910-5

Date: 03-DEC-2012 22:14

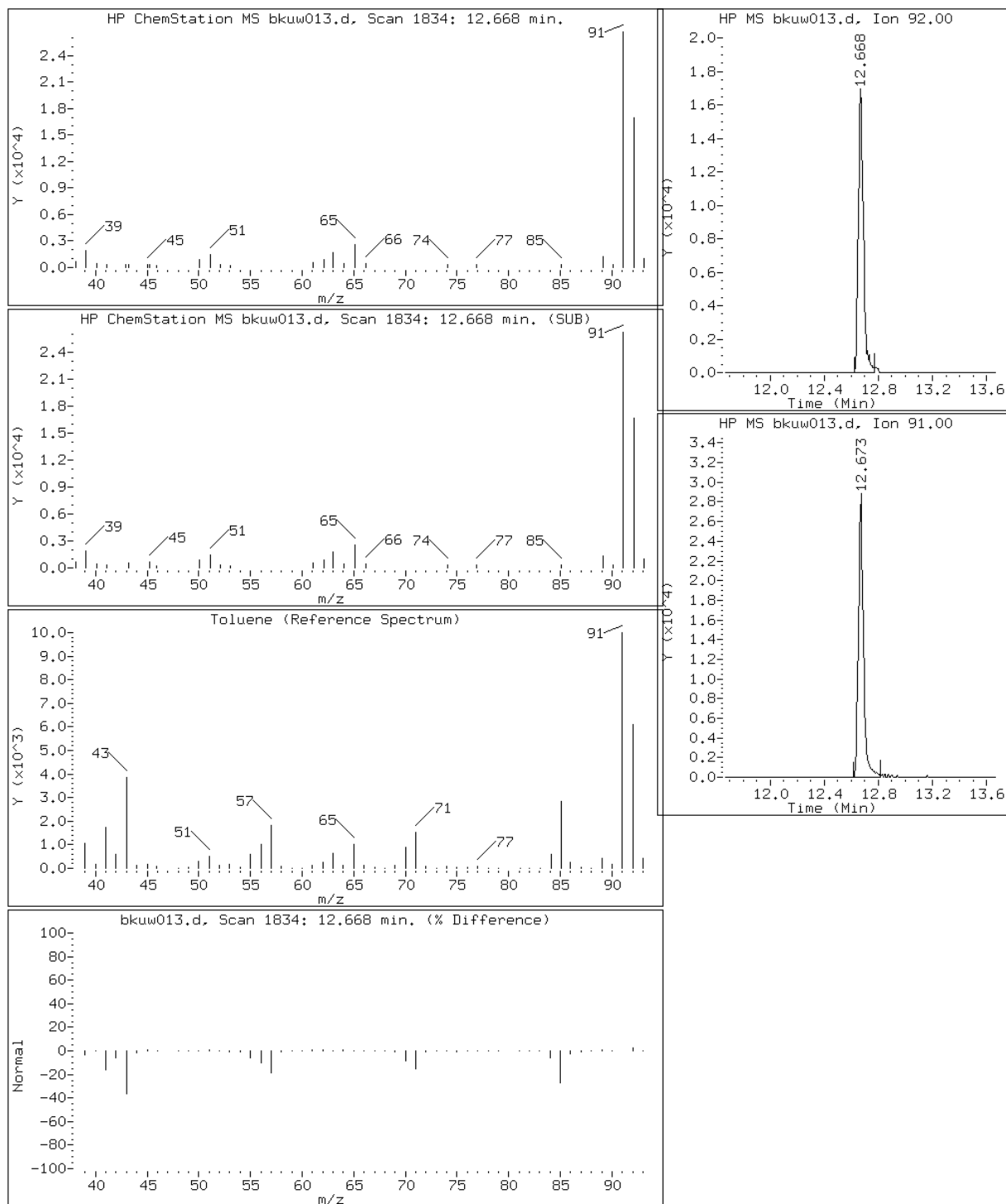
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-13910-A-5

Operator: pad

58 Toluene



Data File: bkuw013.d

Lab Sample ID: 200-13910-5

Date: 03-DEC-2012 22:14

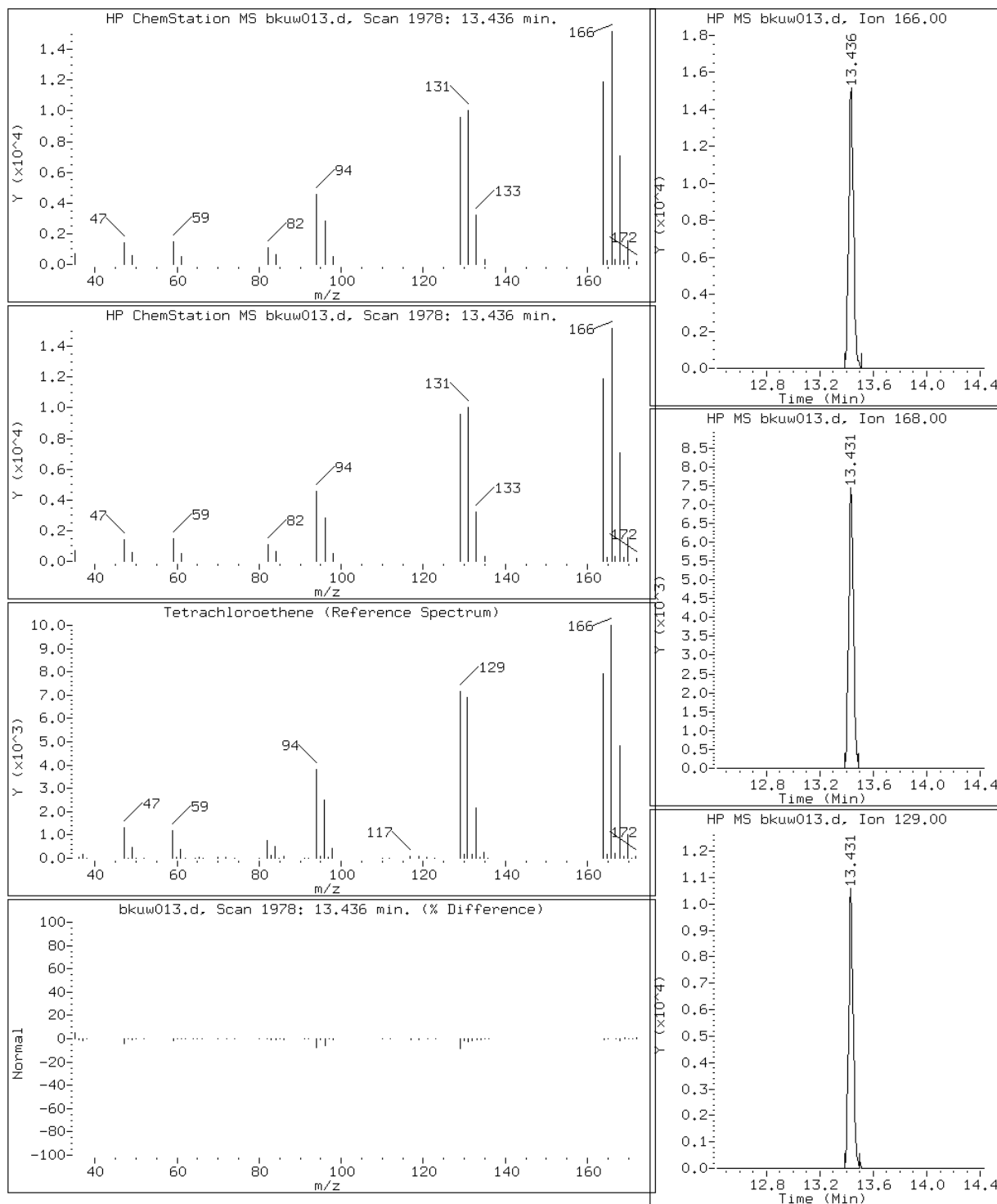
Client ID: SSV-3

Instrument: B.i

Sample Info: 200-13910-A-5

Operator: pad

61 Tetrachloroethene



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-47421/3	ic 393985	bku003.d
Level 2	IC 200-47421/4	ic 393985	bku004.d
Level 3	IC 200-47421/5	ic 393988	bku005.d
Level 4	IC 200-47421/6	ic 393951	bku006.d
Level 5	ICIS 200-47421/7	icis 408689	bku007.d
Level 6	IC 200-47421/8	IC 393949	bku008.d
Level 7	IC 200-47421/9	ic 393948	bku009.d
Level 8	IC 200-47421/10	ic 393946	bku010.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	0.2083	0.1971	0.2405 0.1880	0.2190	0.2146	Ave		0.2112				8.7		30.0			
Dichlorodifluoromethane	1.4992	1.4354	1.6548 1.3375	1.6260	1.5750	Ave		1.5213				8.0		30.0			
Freon 22	0.5854	0.5541	0.6471 0.5156	0.6406	0.6132	Ave		0.5927				8.7		30.0			
1,2-Dichlorotetrafluoroethane	1.4850	1.8135 1.4214	1.6618 1.3005	1.6138	1.5585	Ave		1.5506				10.8		30.0			
Chloromethane	0.3096	0.2934	0.3533 0.2777	0.3458	0.3280	Ave		0.3180				9.3		30.0			
n-Butane	0.5394	0.5082	0.6387 0.4671	0.5837	0.5593	Ave		0.5494				10.9		30.0			
Vinyl chloride	0.4726 0.4493	0.5097 0.4236	0.4735 0.3951	0.4803	0.4699	Ave		0.4592				7.8		30.0			
1,3-Butadiene	0.3239	0.3507 0.3093	0.3301 0.2867	0.3388	0.3334	Ave		0.3247				6.5		30.0			
Bromomethane	0.6634	0.7708 0.6597	0.7163 0.6177	0.6939	0.6791	Ave		0.6858				7.1		30.0			
Chloroethane	0.3054	0.2977	0.3031 0.2859	0.3187	0.3185	Ave		0.3049				4.1		30.0			
Isopentane	0.5698	0.6784 0.5455	0.6177 0.5235	0.5973	0.5815	Ave		0.5877				8.6		30.0			
Bromoethene (Vinyl Bromide)	0.8221	0.8951 0.8161	0.8700 0.7952	0.8254	0.8256	Ave		0.8356				4.1		30.0			
Trichlorofluoromethane	2.2843	2.6966 2.2444	2.5209 2.1489	2.4184	2.3565	Ave		2.3814				7.7		30.0			
n-Pentane	0.9350	0.8995	1.0870 0.8602	0.9885	0.9564	Ave		0.9544				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.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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	0.2041	0.2001	0.2011 0.1920	0.1996	0.1877	Ave		0.1975				3.2		30.0			
Ethyl ether	0.5350	0.5380 0.5272	0.5221 0.4977	0.5521	0.5451	Ave		0.5310				3.4		30.0			
Acrolein	0.2622	0.2625	0.2491	0.2818	0.2552	Ave		0.2621				4.7		30.0			
Freon TF	1.7510	2.1499 1.7315	1.8771 1.5965	1.8118	1.7752	Ave		1.8133				9.5		30.0			
1,1-Dichloroethene	0.8444	0.9167 0.8389	0.8565 0.7897	0.8569	0.8487	Ave		0.8503				4.4		30.0			
Acetone	0.9568	0.9182	0.8386	1.1860	1.0566	Ave		0.9912				13.5		30.0			
Carbon disulfide	2.3979	2.3519	2.4834 2.2120	2.4710	2.4245	Ave		2.3901				4.2		30.0			
Isopropyl alcohol	0.7293	0.6933	0.6528	0.7399	0.7803	Ave		0.7191				6.7		30.0			
3-Chloropropene	0.7543	0.7400 0.6930	0.7224 0.6714	0.7757	0.7202	Ave		0.7253				4.9		30.0			
Acetonitrile	0.4317	0.4069	0.3800	0.4586	0.4450	Ave		0.4244				7.4		30.0			
Methylene Chloride	0.6686	0.6374	0.7701 0.5991	0.7173	0.6888	Ave		0.6802				8.8		30.0			
tert-Butyl alcohol	1.3354	1.2887	1.2095	1.3096	1.4491	Ave		1.3185				6.6		30.0			
Methyl tert-butyl ether	2.4657	2.7238 2.4195	2.4801 2.2505	2.5386	2.5226	Ave		2.4858				5.7		30.0			
trans-1,2-Dichloroethene	1.1063	1.3689 1.0591	1.1402 0.9671	1.1797	1.1304	Ave		1.1359				10.9		30.0			
Acrylonitrile	0.4784	0.4695	0.3770 0.4574	0.4821	0.4720	Ave		0.4561				8.7		30.0			
n-Hexane	1.1240	1.1797 1.0896	1.1560 1.0184	1.1696	1.1384	Ave		1.1251				5.0		30.0			
1,1-Dichloroethane	1.3704	1.5593 1.3324	1.4106 1.2330	1.4576	1.4064	Ave		1.3957				7.3		30.0			
Vinyl acetate	1.5750	1.5276	1.4274	1.6045	1.5889	Ave		1.5447				4.6		30.0			
cis-1,2-Dichloroethene	0.9668	1.0438 0.9580	0.9527 0.8736	0.9847	0.9789	Ave		0.9655				5.2		30.0			
Methyl Ethyl Ketone	0.4032	0.4781 0.3918	0.4781 0.3555	0.4342	0.4152	Ave		0.4130				10.0		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.: 200-13910-1 Analy Batch No.: 47421
SDG No.: 200-13910
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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	0.0812	0.0812	0.0753	0.0779	0.0824	Ave		0.0796				3.7		30.0			
Tetrahydrofuran	0.1415	0.1368	0.1295	0.1508	0.1456	Ave		0.1408				5.8		30.0			
Chloroform	1.8968	2.1888 1.8488	2.0314 1.7307	1.9964	1.9437	Ave		1.9481				7.5		30.0			
1,1,1-Trichloroethane	0.4606	0.5198 0.4535	0.4812 0.4219	0.4846	0.4745	Ave		0.4709				6.4		30.0			
Cyclohexane	0.2672	0.3000 0.2627	0.2700 0.2396	0.2729	0.2746	Ave		0.2696				6.6		30.0			
Carbon tetrachloride	0.6362 0.5024	0.5635 0.4995	0.5085 0.4760	0.5176	0.5178	Ave		0.5277				9.5		30.0			
2,2,4-Trimethylpentane	0.7454	0.8225 0.7197	0.7732 0.6585	0.7866	0.7722	Ave		0.7540				7.0		30.0			
Benzene	0.5680	0.6566 0.5545	0.5962 0.5107	0.5909	0.5795	Ave		0.5795				7.7		30.0			
1,2-Dichloroethane	0.2505	0.2728 0.2394	0.2600 0.2281	0.2674	0.2599	Ave		0.2540				6.2		30.0			
n-Heptane	0.2418	0.2762 0.2290	0.2565 0.2130	0.2604	0.2492	Ave		0.2466				8.5		30.0			
n-Butanol	0.0801	0.0785	0.0771	0.0721	0.0766	Ave		0.0769				3.9		30.0			
Trichloroethene	0.3611 0.2795	0.3268 0.2755	0.2867 0.2582	0.2883	0.2845	Ave		0.2951				11.2		30.0			
1,2-Dichloropropane	0.1832	0.2238 0.1789	0.1975 0.1672	0.1920	0.1860	Ave		0.1898				9.4		30.0			
Methyl methacrylate	0.2011	0.1538 0.1996	0.1900	0.1996	0.2031	Ave		0.1912				9.9		30.0			
1,4-Dioxane	0.0906	0.0863	0.0789	0.0917	0.0944	Ave		0.0884				6.8		30.0			
Dibromomethane	0.3095	0.3274 0.3141	0.3049 0.2930	0.3024	0.3102	Ave		0.3088				3.5		30.0			
Bromodichloromethane	0.4609	0.4794 0.4509	0.4425 0.4233	0.4752	0.4702	Ave		0.4575				4.4		30.0			
cis-1,3-Dichloropropene	0.3308	0.2957 0.3260	0.3003 0.3079	0.3373	0.3353	Ave		0.3190				5.4		30.0			
Methyl isobutyl ketone	0.3171	0.2546 0.3031	0.2859	0.3315	0.3216	Ave		0.3023				9.3		30.0			
Toluene	0.4877	0.5880 0.4778	0.5191 0.4377	0.5234	0.5139	Ave		0.5068				9.2		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.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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								
n-Octane	0.3168	0.3744 0.2972	0.3581 0.2573	0.3544	0.3327	Ave		0.3273				12.4		30.0			
trans-1,3-Dichloropropene	0.3561	0.3400 0.3505	0.3086 0.3306	0.3645	0.3584	Ave		0.3441				5.7		30.0			
1,1,2-Trichloroethane	0.2298	0.2375 0.2265	0.2435 0.2177	0.2434	0.2414	Ave		0.2342				4.2		30.0			
Tetrachloroethene	0.5154	0.5791 0.5233	0.5351 0.4954	0.5281	0.5304	Ave		0.5296				4.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.3334	0.3188	0.2445 0.3137	0.3612	0.3392	Ave		0.3185				12.5		30.0			
Dibromochloromethane	0.5864	0.5511 0.5880	0.5325 0.5667	0.5949	0.6044	Ave		0.5749				4.5		30.0			
1,2-Dibromoethane	0.4873	0.4936 0.4859	0.4577 0.4681	0.5069	0.5073	Ave		0.4867				3.8		30.0			
Chlorobenzene	0.7237	0.8638 0.7252	0.7549 0.6933	0.7635	0.7492	Ave		0.7534				7.2		30.0			
Ethylbenzene	1.1012	1.2443 1.0836	1.1529 1.0236	1.1772	1.1549	Ave		1.1340				6.3		30.0			
n-Nonane	0.3903	0.4507 0.3744	0.4423 0.3431	0.4355	0.4167	Ave		0.4076				9.8		30.0			
m,p-Xylene	0.4513	0.5331 0.4403	0.4892 0.3968	0.4887	0.4759	Ave		0.4679				9.3		30.0			
Xylene, o-	0.4482	0.4658 0.4440	0.4650 0.4105	0.4820	0.4701	Ave		0.4551				5.2		30.0			
Styrene	0.7010	0.6360 0.6984	0.6167 0.6507	0.7263	0.7125	Ave		0.6774				6.2		30.0			
Bromoform	0.6251	0.5722 0.6318	0.5446 0.5925	0.6332	0.6394	Ave		0.6056				6.0		30.0			
Cumene	1.3131	1.4313 1.3007	1.3493 1.2044	1.4141	1.3839	Ave		1.3424				5.8		30.0			
1,1,2,2-Tetrachloroethane	0.5948	0.6823 0.5771	0.6268 0.5248	0.6603	0.6258	Ave		0.6131				8.6		30.0			
n-Propylbenzene	1.4334	1.6946 1.3691	1.5923 1.1863	1.6181	1.5275	Ave		1.4888				11.6		30.0			
1,2,3-Trichloropropane	0.4296	0.5024 0.4057	0.5024 0.3515	0.4987	0.4635	Ave		0.4419				13.2		30.0			
n-Decane	0.4848	0.4562	0.5990 0.4010	0.5774	0.5290	Ave		0.5079				14.8		30.0			
4-Ethyltoluene	1.3322	1.4856 1.2884	1.4172 1.1361	1.4723	1.3971	Ave		1.3613				9.0		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.: 200-13910-1 Analy Batch No.: 47421
SDG No.: 200-13910
Instrument ID: B.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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	1.1551	1.4488 1.1262	1.2523 1.0241	1.2782	1.2264	Ave		1.2159				11.0		30.0			
1,3,5-Trimethylbenzene	1.1355	1.3226 1.0963	1.2482 0.9879	1.2425	1.1929	Ave		1.1751				9.5		30.0			
Alpha Methyl Styrene	0.6106	0.4849 0.6054	0.5143 0.5730	0.6213	0.6120	Ave		0.5745				9.4		30.0			
tert-Butylbenzene	1.0967	1.2863 1.0746	1.2083 0.9984	1.1961	1.1576	Ave		1.1454				8.4		30.0			
1,2,4-Trimethylbenzene	1.1097	1.2868 1.0977	1.2099 1.0209	1.2344	1.1637	Ave		1.1604				7.9		30.0			
sec-Butylbenzene	1.5756	2.1662 1.5434	1.8073 1.4018	1.7767	1.6745	Ave		1.7065				14.4		30.0			
4-Isopropyltoluene	1.4026	1.5761 1.3841	1.4810 1.2576	1.5523	1.4765	Ave		1.4472				7.5		30.0			
1,3-Dichlorobenzene	0.8459	1.0361 0.8433	0.8903 0.7835	0.9263	0.8477	Ave		0.8819				9.2		30.0			
1,4-Dichlorobenzene	0.8634	1.0463 0.8546	0.9235 0.7956	0.9444	0.8523	Ave		0.8971				9.2		30.0			
Benzyl chloride	1.0135	0.9639 1.0038	0.9323 0.9621	1.0956	0.8714	Ave		0.9775				7.2		30.0			
n-Undecane	0.4851	0.4455	0.3649	0.6240	0.5166	Ave		0.4872				19.5		30.0			
n-Butylbenzene	1.0999	1.4106 1.0435	1.2879 0.8936	1.3183	1.1571	Ave		1.1730				15.2		30.0			
1,2-Dichlorobenzene	0.8166	1.0174 0.8157	0.8508 0.7615	0.9060	0.8222	Ave		0.8557				9.8		30.0			
n-Dodecane	0.4444	0.4444	0.2355	0.5398	0.3944	Ave		0.4117				27.1		30.0			
1,2,4-Trichlorobenzene	0.7008	0.7269	0.6994 0.5459	0.8016	0.5446	Ave		0.6699				15.4		30.0			
Hexachlorobutadiene	0.6269	0.8920 0.6240	0.7821 0.4409	0.7373	0.6410	Ave		0.6778				21.1		30.0			
Naphthalene	1.4055	1.5170	1.3669 1.1888	1.7160	0.9661	Ave		1.3600				19.1		30.0			
1,2,3-Trichlorobenzene	0.6331	0.6012 0.6671	0.6485 0.4035	0.7475	0.5038	Ave		0.6007				18.9		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.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-47421/3	bku003.d
Level 2	IC 200-47421/4	bku004.d
Level 3	IC 200-47421/5	bku005.d
Level 4	IC 200-47421/6	bku006.d
Level 5	ICIS 200-47421/7	bku007.d
Level 6	IC 200-47421/8	bku008.d
Level 7	IC 200-47421/9	bku009.d
Level 8	IC 200-47421/10	bku010.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	110639	150934	3837 295654	34676	73046	15.0	20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	796392	1099184	26406 2103237	257474	536072	15.0	20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	310976	424338	10326 810766	101447	208710	15.0	20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	788851	1088426	11856 2045053	255539	530474	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	164458	224659	5637 436707	54754	111645	15.0	20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	286540	389197	10192 734513	92437	190356	15.0	20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	636 238681	3332 324414	7555 621259	76050	159943	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	172051	2293 236886	5268 450825	53649	113464	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	352425	5039 505137	11430 971279	109885	231142	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	162253	227987	4836 449495	50464	108395	15.0	20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	302712	4435 417692	9857 823199	94581	197938	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene (Vinyl Bromide)	BCM	Ave	436698	5852 624952	13883 1250416	130704	280997	15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	1213443	17629 1718652	40227 3379069	382962	802066	15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	496702	688834	17345 1352576	156530	325517	15.0	20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	144560	306515	32092 754772	63219	95851	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.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave		3517	8331	87426	185532		0.200	0.500	5.00	10.0
			284185	403737	782637			15.0	20.0	40.0		
Acrolein	BCM	Ave				44625	86863				5.00	10.0
			139287	200975	391651			15.0	20.0	40.0		
Freon TF	BCM	Ave		14055	29954	286908	604217		0.200	0.500	5.00	10.0
			930170	1325946	2510482			15.0	20.0	40.0		
1,1-Dichloroethene	BCM	Ave		5993	13667	135691	288869		0.200	0.500	5.00	10.0
			448566	642434	1241788			15.0	20.0	40.0		
Acetone	BCM	Ave				187811	359623				5.00	10.0
			508284	703093	1318667			15.0	20.0	40.0		
Carbon disulfide	BCM	Ave			39628	391289	825219			0.500	5.00	10.0
			1273812	1801017	3478263			15.0	20.0	40.0		
Isopropyl alcohol	BCM	Ave				117167	265593				5.00	10.0
			387420	530930	1026538			15.0	20.0	40.0		
3-Chloropropene	BCM	Ave		4838	11527	122831	245126		0.200	0.500	5.00	10.0
			400684	530641	1055782			15.0	20.0	40.0		
Acetonitrile	BCM	Ave				72618	151469				5.00	10.0
			229308	311603	597530			15.0	20.0	40.0		
Methylene Chloride	BCM	Ave			12289	113578	234456			0.500	5.00	10.0
			355151	488103	942030			15.0	20.0	40.0		
tert-Butyl alcohol	BCM	Ave				207370	493241				5.00	10.0
			709410	986849	1901949			15.0	20.0	40.0		
Methyl tert-butyl ether	BCM	Ave		17807	39576	401983	858621		0.200	0.500	5.00	10.0
			1309834	1852742	3538865			15.0	20.0	40.0		
trans-1,2-Dichloroethene	BCM	Ave		8949	18194	186801	384750		0.200	0.500	5.00	10.0
			587702	811039	1520656			15.0	20.0	40.0		
Acrylonitrile	BCM	Ave			6016	76336	160662			0.500	5.00	10.0
			254142	359501	719269			15.0	20.0	40.0		
n-Hexane	BCM	Ave		7712	18447	185200	387479		0.200	0.500	5.00	10.0
			597093	834387	1601354			15.0	20.0	40.0		
1,1-Dichloroethane	BCM	Ave		10194	22509	230808	478678		0.200	0.500	5.00	10.0
			727971	1020270	1938868			15.0	20.0	40.0		
Vinyl acetate	BCM	Ave				254067	540823				5.00	10.0
			836663	1169747	2244528			15.0	20.0	40.0		
cis-1,2-Dichloroethene	BCM	Ave		6824	15202	155927	333188		0.200	0.500	5.00	10.0
			513579	733588	1373709			15.0	20.0	40.0		
Methyl Ethyl Ketone	BCM	Ave			7629	68753	141307			0.500	5.00	10.0
			214204	300045	559035			15.0	20.0	40.0		
Ethyl acetate	BCM	Ave				12340	28040				5.00	10.0
			43118	62153	118346			15.0	20.0	40.0		
Tetrahydrofuran	DFB	Ave				111064	229113				5.00	10.0
			348324	484151	929814			15.0	20.0	40.0		

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave		14309	32416	316126	661565		0.200	0.500	5.00	10.0
			1007634	1415753	2721371			15.0	20.0	40.0		
1,1,1-Trichloroethane	DFB	Ave		15743	35502	356972	746662		0.200	0.500	5.00	10.0
			1133838	1605364	3029744			15.0	20.0	40.0		
Cyclohexane	DFB	Ave		9084	19920	201031	432151		0.200	0.500	5.00	10.0
			657690	929974	1720666			15.0	20.0	40.0		
Carbon tetrachloride	DFB	Ave		3916	17065	381310	814687	0.0400	0.200	0.500	5.00	10.0
			1236720	1768368	3418251			15.0	20.0	40.0		
2,2,4-Trimethylpentane	DFB	Ave		24910	57047	579424	1215028		0.200	0.500	5.00	10.0
			1834933	2547699	4728555			15.0	20.0	40.0		
Benzene	DFB	Ave		19885	43990	435301	911898		0.200	0.500	5.00	10.0
			1398412	1963080	3667474			15.0	20.0	40.0		
1,2-Dichloroethane	DFB	Ave		8262	19183	197010	409005		0.200	0.500	5.00	10.0
			616580	847337	1637873			15.0	20.0	40.0		
n-Heptane	DFB	Ave		8366	18927	191852	392074		0.200	0.500	5.00	10.0
			595337	810822	1529292			15.0	20.0	40.0		
n-Butanol	DFB	Ave		278021	553691	53113	120598		20.0	40.0	5.00	10.0
			197309					15.0				
Trichloroethene	DFB	Ave		9896	21151	212381	447685	0.0400	0.200	0.500	5.00	10.0
			2223	975420	1854164			15.0	20.0	40.0		
1,2-Dichloropropane	DFB	Ave		6778	14574	141426	292736		0.200	0.500	5.00	10.0
			450983	633147	1200915			15.0	20.0	40.0		
Methyl methacrylate	DFB	Ave		11349		147028	319579		0.500		5.00	10.0
			495069	706440	1364030			15.0	20.0	40.0		
1,4-Dioxane	DFB	Ave		305486	566594	67570	148488		20.0	40.0	5.00	10.0
			223095					15.0				
Dibromomethane	DFB	Ave		9916	22499	222759	488158		0.200	0.500	5.00	10.0
			761816	1111852	2104018			15.0	20.0	40.0		
Bromodichloromethane	DFB	Ave		14518	32647	350032	739802		0.200	0.500	5.00	10.0
			1134707	1596191	3039618			15.0	20.0	40.0		
cis-1,3-Dichloropropene	DFB	Ave		8954	22153	248466	527662		0.200	0.500	5.00	10.0
			814320	1154057	2211230			15.0	20.0	40.0		
Methyl isobutyl ketone	DFB	Ave		18788		244194	506044		0.500		5.00	10.0
			780757	1072877	2052646			15.0	20.0	40.0		
Toluene	CBZ	Ave		16102	34553	348627	735081		0.200	0.500	5.00	10.0
			1115858	1570400	2818353			15.0	20.0	40.0		
n-Octane	DFB	Ave		11339	26422	261068	523503		0.200	0.500	5.00	10.0
			779807	1052230	1847822			15.0	20.0	40.0		
trans-1,3-Dichloropropene	DFB	Ave		10296	22766	268529	563973		0.200	0.500	5.00	10.0
			876696	1240894	2374334			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBZ	Ave		6504	16207	162098	345275		0.200	0.500	5.00	10.0
			525662	744476	1402031			15.0	20.0	40.0		

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave		15859	35620	351758	758705		0.200	0.500	5.00	10.0
			1179145	1719888	3190045			15.0	20.0	40.0		
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave		16274		240587	485162		0.500	0.500	5.00	10.0
			762676	1047660	2020343			15.0	20.0	40.0		
Dibromochloromethane	CBZ	Ave		15093	35447	396219	864501		0.200	0.500	5.00	10.0
			1341656	1932523	3649569			15.0	20.0	40.0		
1,2-Dibromoethane	CBZ	Ave		13517	30469	337618	725597		0.200	0.500	5.00	10.0
			1114920	1596922	3014545			15.0	20.0	40.0		
Chlorobenzene	CBZ	Ave		23656	50250	508560	1071650		0.200	0.500	5.00	10.0
			1655770	2383369	4464389			15.0	20.0	40.0		
Ethylbenzene	CBZ	Ave		34076	76746	784062	1651976		0.200	0.500	5.00	10.0
			2519210	3561088	6591703			15.0	20.0	40.0		
n-Nonane	CBZ	Ave		12343	29439	290036	596107		0.200	0.500	5.00	10.0
			892812	1230285	2209489			15.0	20.0	40.0		
m,p-Xylene	CBZ	Ave		29195	65127	650963	1361445		0.400	1.00	10.0	20.0
			2065099	2894087	5110876			30.0	40.0	80.0		
Xylene, o-	CBZ	Ave		12755	30951	321003	672426		0.200	0.500	5.00	10.0
			1025318	1459157	2643699			15.0	20.0	40.0		
Styrene	CBZ	Ave		17417	41051	483740	1019161		0.200	0.500	5.00	10.0
			1603795	2295310	4190241			15.0	20.0	40.0		
Bromoform	CBZ	Ave		15670	36251	421753	914670		0.200	0.500	5.00	10.0
			1430201	2076355	3815442			15.0	20.0	40.0		
Cumene	CBZ	Ave		39196	89818	941886	1979591		0.200	0.500	5.00	10.0
			3004078	4274643	7755547			15.0	20.0	40.0		
1,1,2,2-Tetrachloroethane	CBZ	Ave		18684	41725	439821	895121		0.200	0.500	5.00	10.0
			1360887	1896703	3379173			15.0	20.0	40.0		
n-Propylbenzene	CBZ	Ave		46405	105992	1077753	2184992		0.200	0.500	5.00	10.0
			3279341	4499529	7639208			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBZ	Ave		33443		332167	662964		0.500	0.500	5.00	10.0
			982818	1333192	2263749			15.0	20.0	40.0		
n-Decane	CBZ	Ave		39874		384601	756671		0.500	0.500	5.00	10.0
			1109194	1499224	2582284			15.0	20.0	40.0		
4-Ethyltoluene	CBZ	Ave		40682	94339	980651	1998432		0.200	0.500	5.00	10.0
			3047712	4234208	7315933			15.0	20.0	40.0		
2-Chlorotoluene	CBZ	Ave		39676	83360	851315	1754369		0.200	0.500	5.00	10.0
			2642648	3701141	6595022			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBZ	Ave		36220	83088	827552	1706324		0.200	0.500	5.00	10.0
			2597890	3602812	6361517			15.0	20.0	40.0		
Alpha Methyl Styrene	CBZ	Ave		13278	34235	413849	875472		0.200	0.500	5.00	10.0
			1396938	1989438	3689881			15.0	20.0	40.0		
tert-Butylbenzene	CBZ	Ave		35226	80433	796671	1655821		0.200	0.500	5.00	10.0
			2509039	3531720	6429539			15.0	20.0	40.0		

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1 Analy Batch No.: 47421

SDG No.: 200-13910

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

Calibration Start Date: 10/31/2012 18:01 Calibration End Date: 11/01/2012 00:08 Calibration ID: 18639

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave		35238	80540	822185	1664546		0.200	0.500	5.00	10.0
			2538697	3607610	6573817			15.0	20.0	40.0		
sec-Butylbenzene	CBZ	Ave		59322	120304	1183361	2395301		0.200	0.500	5.00	10.0
			3604661	5072286	9026760			15.0	20.0	40.0		
4-Isopropyltoluene	CBZ	Ave		43162	98585	1033929	2111995		0.200	0.500	5.00	10.0
			3208865	4548816	8098460			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBZ	Ave		28374	59264	616965	1212620		0.200	0.500	5.00	10.0
			1935282	2771519	5045492			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBZ	Ave		28652	61474	628996	1219112		0.200	0.500	5.00	10.0
			1975170	2808602	5123301			15.0	20.0	40.0		
Benzyl chloride	CBZ	Ave		26397	62059	729749	1246469		0.200	0.500	5.00	10.0
			2318737	3299063	6195399			15.0	20.0	40.0		
n-Undecane	CBZ	Ave				415594	738983				5.00	10.0
			1109910	1463981	2349873			15.0	20.0	40.0		
n-Butylbenzene	CBZ	Ave		38630	85728	878071	1655194		0.200	0.500	5.00	10.0
			2516290	3429463	5754156			15.0	20.0	40.0		
1,2-Dichlorobenzene	CBZ	Ave		27860	56631	603426	1176084		0.200	0.500	5.00	10.0
			1868247	2680773	4904000			15.0	20.0	40.0		
n-Dodecane	CBZ	Ave				359561	564123				5.00	10.0
			1016688	1460373	1516528			15.0	20.0	40.0		
1,2,4-Trichlorobenzene	CBZ	Ave			46553	533911	779036			0.500	5.00	10.0
			1603263	2388874	3515403			15.0	20.0	40.0		
Hexachlorobutadiene	CBZ	Ave		24427	52062	491067	916914		0.200	0.500	5.00	10.0
			1434280	2050745	2839357			15.0	20.0	40.0		
Naphthalene	CBZ	Ave			90985	1142944	1381985			0.500	5.00	10.0
			3215485	4985405	7655263			15.0	20.0	40.0		
1,2,3-Trichlorobenzene	CBZ	Ave		16464	43168	497902	720668		0.200	0.500	5.00	10.0
			1448464	2192382	2598479			15.0	20.0	40.0		

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku003.d
 Lab Smp Id: ic 393985 Client Smp ID: ic 393985
 Inj Date : 31-OCT-2012 18:01
 Operator : wrd Inst ID: B.i
 Smp Info : ic 393985
 Misc Info : 200,1, level 8
 Comment :
 Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
 Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
 Cal Date : 31-OCT-2012 18:01 Cal File: bku003.d
 Als bottle: 5 Calibration Sample, Level: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allT015.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (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		3.494	3.478	(0.384)	636	0.04000	0.041(a)
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	AMOUNTS	
								CAL-AMT	ON-COL
	MASS							(ppb v/v)	(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						Compound Not Detected.		
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						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.		
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	9.108	9.113	(1.000)		336444		10.0000	
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	9.652	9.642	(0.917)		3916		0.04000	0.048(a)
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	10.522	10.522	(1.000)		1538874		10.0000	
48 n-Butanol	56						Compound Not Detected.		
49 Trichloroethene	95	10.901	10.885	(1.036)		2223		0.04000	0.049(a)
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.		

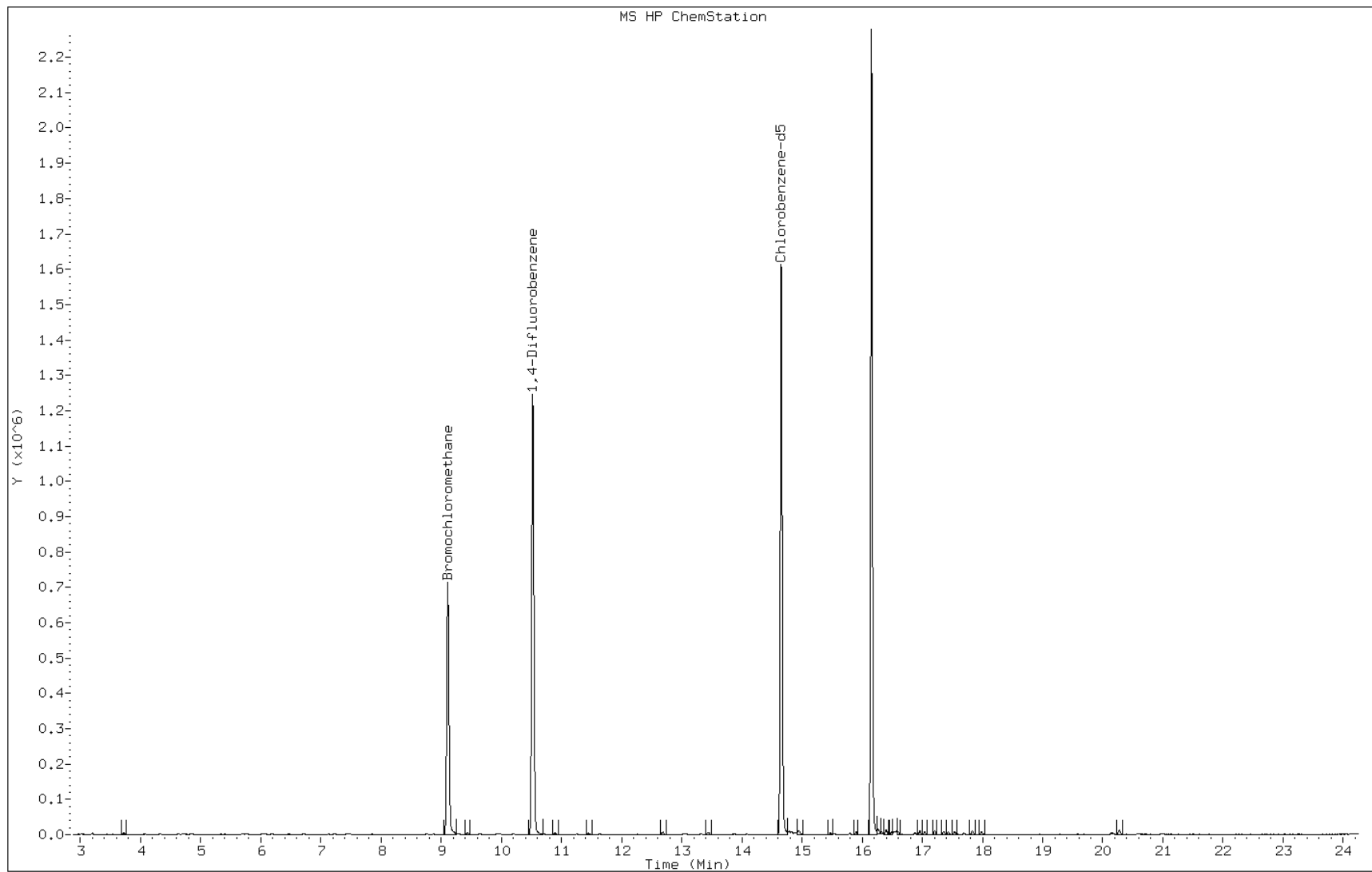
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	14.653	14.658	(1.000)	1367810	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).

Data File: bku003.d
Client ID: ic 393985
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393985
Lab Sample ID: ic 393985

Date: 31-OCT-2012 18:01
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku004.d
 Lab Smp Id: ic 393985 Client Smp ID: ic 393985
 Inj Date : 31-OCT-2012 18:53
 Operator : wrd Inst ID: B.i
 Smp Info : ic 393985
 Misc Info : 200,1, level 1
 Comment :
 Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
 Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
 Cal Date : 31-OCT-2012 18:53 Cal File: bku004.d
 Als bottle: 5 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allT015.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.970	2.965 (0.326)		1962	0.20000	0.28(a)
2 Dichlorodifluoromethane	85		3.018	3.013 (0.331)		11732	0.20000	0.24(a)
3 Chlorodifluoromethane	51		3.045	3.045 (0.334)		4646	0.20000	0.24(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.200	3.200 (0.351)		11856	0.20000	0.23
5 Chloromethane	50		Compound Not Detected.					
6 Butane	43		Compound Not Detected.					
7 Vinyl chloride	62		3.477	3.478 (0.382)		3332	0.20000	0.22
8 1,3-Butadiene	54		3.536	3.531 (0.388)		2293	0.20000	0.22
9 Bromomethane	94		4.070	4.065 (0.447)		5039	0.20000	0.22
10 Chloroethane	64		4.267	4.262 (0.469)		2414	0.20000	0.24(aq)
11 2-Methylbutane	43		4.337	4.337 (0.476)		4435	0.20000	0.23(M)
12 Vinyl bromide	106		4.636	4.625 (0.509)		5852	0.20000	0.21(M)
13 Trichlorofluoromethane	101		4.721	4.716 (0.518)		17629	0.20000	0.23
14 Pentane	43		Compound Not Detected.					

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.287	5.223 (0.580)		9249	0.20000	1.4(a)
16 Ethyl ether	59	5.372	5.324 (0.590)		3517	0.20000	0.20(Q)
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.719	5.708 (0.628)		14055	0.20000	0.24(Q)
18 Acrolein	56	Compound Not Detected.					
19 1,1-Dichloroethene	96	5.778	5.767 (0.634)		5993	0.20000	0.22
20 Acetone	43	6.002	5.943 (0.659)		37317	0.20000	1.2(a)
21 Carbon disulfide	76	6.178	6.178 (0.678)		18902	0.20000	0.24(a)
22 Isopropanol	45	Compound Not Detected.					
23 Allyl chloride	41	6.466	6.450 (0.710)		4838	0.20000	0.20(a)
24 Acetonitrile	41	Compound Not Detected.					
25 Methylene chloride	49	6.712	6.712 (0.737)		6195	0.20000	0.28(a)
26 Tert-butyl alcohol	59	7.112	6.936 (0.781)		8653	0.20000	0.20(a)
27 Methyl tert-butyl ether	73	7.171	7.091 (0.787)		17807	0.20000	0.22
28 1,2-Dichloroethene (trans)	61	7.117	7.112 (0.781)		8949	0.20000	0.24
29 Acrylonitrile	53	7.240	7.197 (0.795)		2369	0.20000	0.16(a)
30 n-Hexane	57	7.453	7.443 (0.818)		7712	0.20000	0.21
31 1,1-Dichloroethane	63	7.848	7.843 (0.862)		10194	0.20000	0.22
32 Vinyl acetate	43	7.923	7.875 (0.870)		7752	0.20000	0.15(aM)
M 33 1,2-Dichloroethene,Total	61				15773	0.40000	0.46
34 1,2-Dichloroethene (cis)	96	8.756	8.750 (0.961)		6824	0.20000	0.22
35 Ethyl acetate	88	Compound Not Detected.					
36 Methyl Ethyl Ketone	72	8.814	8.761 (0.968)		4739	0.20000	0.35(aQ)
* 37 Bromochloromethane	128	9.108	9.113 (1.000)		326875	10.0000	
38 Tetrahydrofuran	42	9.231	9.151 (0.877)		4487	0.20000	0.21(a)
39 Chloroform	83	9.199	9.193 (1.010)		14309	0.20000	0.22
40 Cyclohexane	84	9.444	9.450 (0.898)		9084	0.20000	0.22
41 1,1,1-Trichloroethane	97	9.439	9.434 (0.897)		15743	0.20000	0.22
42 Carbon tetrachloride	117	9.636	9.642 (0.916)		17065	0.20000	0.21
43 2,2,4-Trimethylpentane	57	9.935	9.930 (0.944)		24910	0.20000	0.22
44 Benzene	78	9.972	9.967 (0.948)		19885	0.20000	0.23
45 1,2-Dichloroethane	62	10.079	10.074 (0.958)		8262	0.20000	0.21
46 n-Heptane	43	10.202	10.202 (0.970)		8366	0.20000	0.22
* 47 1,4-Difluorobenzene	114	10.522	10.522 (1.000)		1514241	10.0000	
48 n-Butanol	56	Compound Not Detected.					
49 Trichloroethene	95	10.885	10.885 (1.034)		9896	0.20000	0.22
50 1,2-Dichloropropane	63	11.253	11.248 (1.069)		6778	0.20000	0.24
51 Methyl methacrylate	69	11.360	11.323 (1.080)		4731	0.20000	0.16(a)
52 Dibromomethane	174	11.451	11.435 (1.088)		9916	0.20000	0.21
53 1,4-Dioxane	88	Compound Not Detected.					
54 Bromodichloromethane	83	11.622	11.616 (1.104)		14518	0.20000	0.21
55 1,3-Dichloropropene (cis)	75	12.257	12.241 (1.165)		8954	0.20000	0.19(a)
56 Methyl isobutyl ketone	43	12.502	12.428 (1.188)		7846	0.20000	0.17(a)
57 n-Octane	43	12.684	12.678 (1.205)		11339	0.20000	0.23(aM)
58 Toluene	92	12.678	12.668 (0.865)		16102	0.20000	0.23
59 1,3-Dichloropropene (trans)	75	13.063	13.041 (1.241)		10296	0.20000	0.20
60 1,1,2-Trichloroethane	83	13.313	13.303 (0.908)		6504	0.20000	0.20
61 Tetrachloroethene	166	13.441	13.431 (0.917)		15859	0.20000	0.22

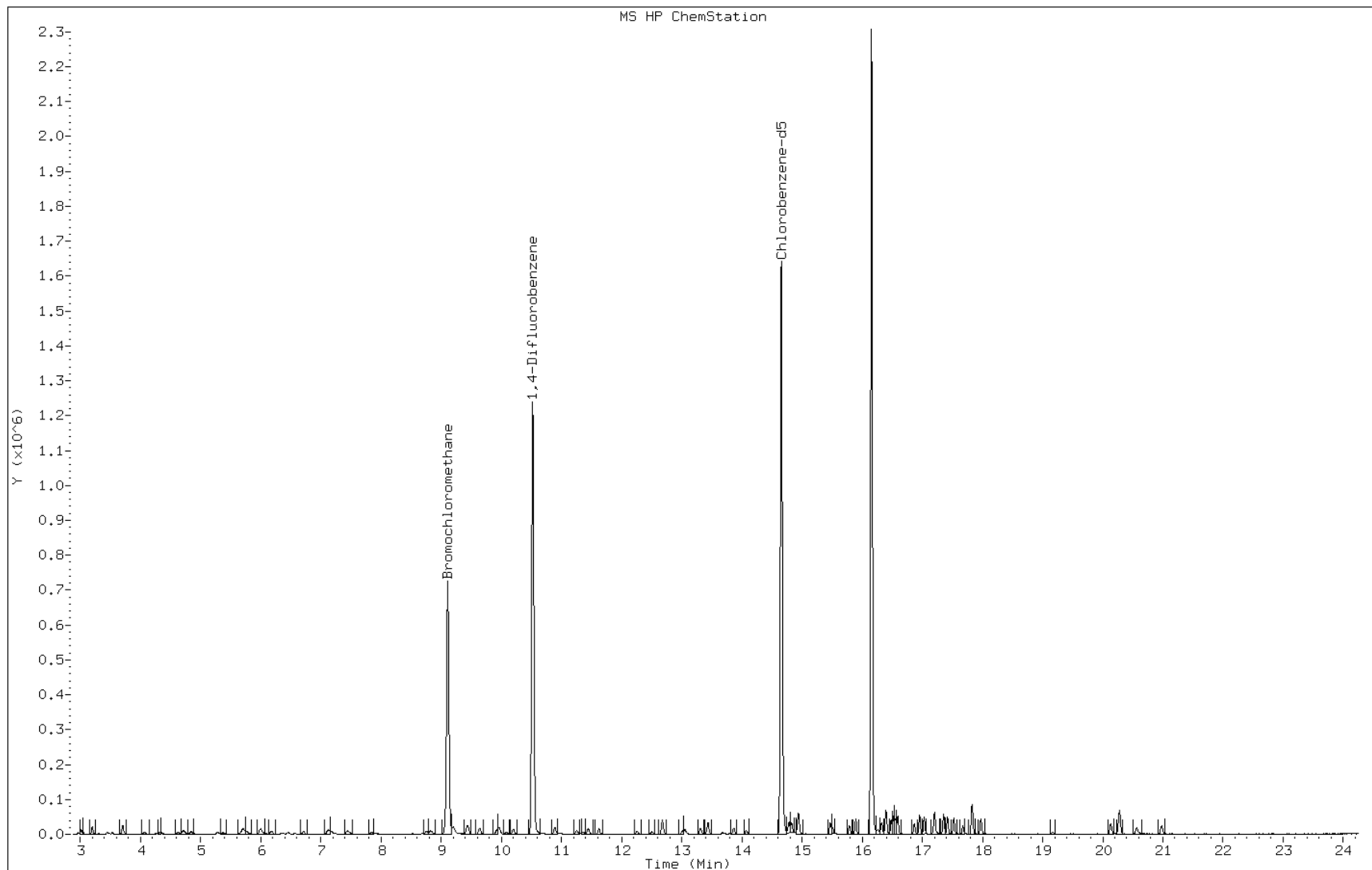
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.687	13.607	(0.934)	5528	0.20000	0.13(a)
63 Dibromochloromethane	129	13.874	13.858	(0.946)	15093	0.20000	0.19(a)
64 1,2-Dibromoethane	107	14.077	14.061	(0.960)	13517	0.20000	0.20
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1369237	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	23656	0.20000	0.23
67 n-Nonane	57	14.829	14.829	(1.012)	12343	0.20000	0.22
68 Ethylbenzene	91	14.781	14.776	(1.008)	34076	0.20000	0.22
69 Xylene (m,p)	106	14.941	14.936	(1.019)	29195	0.40000	0.46(a)
M 70 Xylenes, Total	106				41950	0.20000	0.66
71 Xylene (o)	106	15.475	15.464	(1.056)	12755	0.20000	0.20
72 Styrene	104	15.507	15.491	(1.058)	17417	0.20000	0.19(a)
73 Bromoform	173	15.790	15.784	(1.077)	15670	0.20000	0.19(a)
74 Isopropylbenzene	105	15.896	15.897	(1.084)	39196	0.20000	0.21
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	18684	0.20000	0.22
76 n-Propylbenzene	91	16.393	16.388	(1.118)	46405	0.20000	0.23
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	15997	0.20000	0.26(a)
78 n-Decane	57	16.483	16.489	(1.125)	16363	0.20000	0.24(a)
79 4-Ethyltoluene	105	16.526	16.521	(1.127)	40682	0.20000	0.22
80 2-Chlorotoluene	91	16.558	16.553	(1.130)	39676	0.20000	0.24
81 1,3,5-Trimethylbenzene	105	16.596	16.590	(1.132)	36220	0.20000	0.23
82 Alpha Methyl Styrene	118	16.873	16.863	(1.151)	13278	0.20000	0.17(a)
83 tert-butylbenzene	119	16.958	16.959	(1.157)	35226	0.20000	0.22
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	35238	0.20000	0.22
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	59322	0.20000	0.25
86 4-Isopropyltoluene	119	17.359	17.354	(1.184)	43162	0.20000	0.22
87 1,3-Dichlorobenzene	146	17.423	17.418	(1.189)	28374	0.20000	0.23
88 1,4-Dichlorobenzene	146	17.530	17.524	(1.196)	28652	0.20000	0.23
89 Benzyl chloride	91	17.674	17.668	(1.206)	26397	0.20000	0.20
90 Undecane	57	17.823	17.823	(1.216)	18046	0.20000	0.27(a)
91 n-Butylbenzene	91	17.834	17.834	(1.217)	38630	0.20000	0.24
92 1,2-Dichlorobenzene	146	17.978	17.973	(1.226)	27860	0.20000	0.24
94 1,2,4-Trichlorobenzene	180	20.139	20.118	(1.374)	19176	0.20000	0.21(a)
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	24427	0.20000	0.26
96 Naphthalene	128	20.566	20.545	(1.403)	33332	0.20000	0.18(a)
97 1,2,3-Trichlorobenzene	180	20.972	20.967	(1.431)	16464	0.20000	0.20

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: bku004.d
Client ID: ic 393985
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393985
Lab Sample ID: ic 393985

Date: 31-OCT-2012 18:53
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



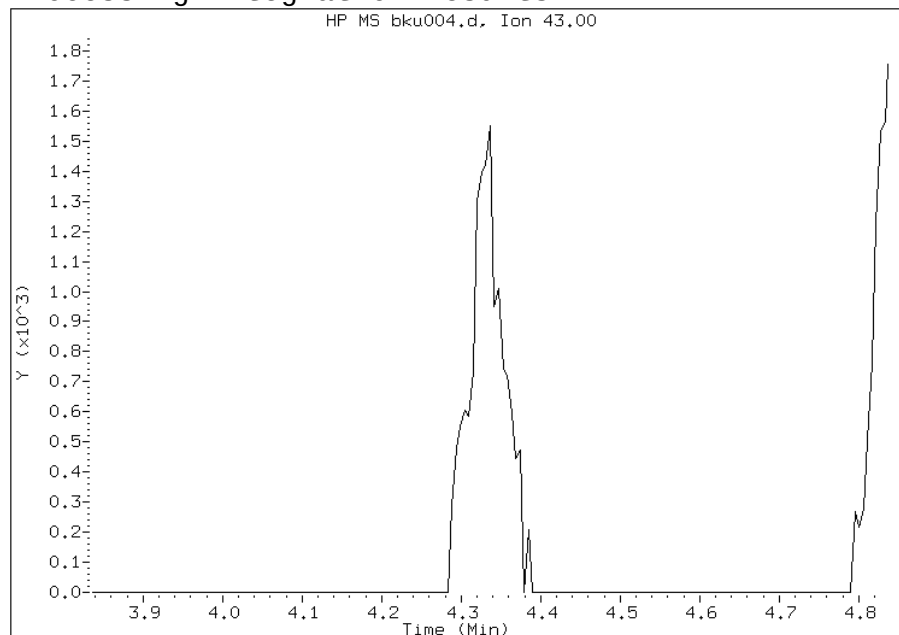
Manual Integration Report

Data File: bku004.d
Lab Sample ID: ic 393985
Inj. Date and Time: 31-OCT-2012 18:53
Instrument ID: B.i
Client ID: ic 393985
Compound: 11 2-Methylbutane
CAS #: 78-78-4
Report Date: 11/02/2012

Not Detected

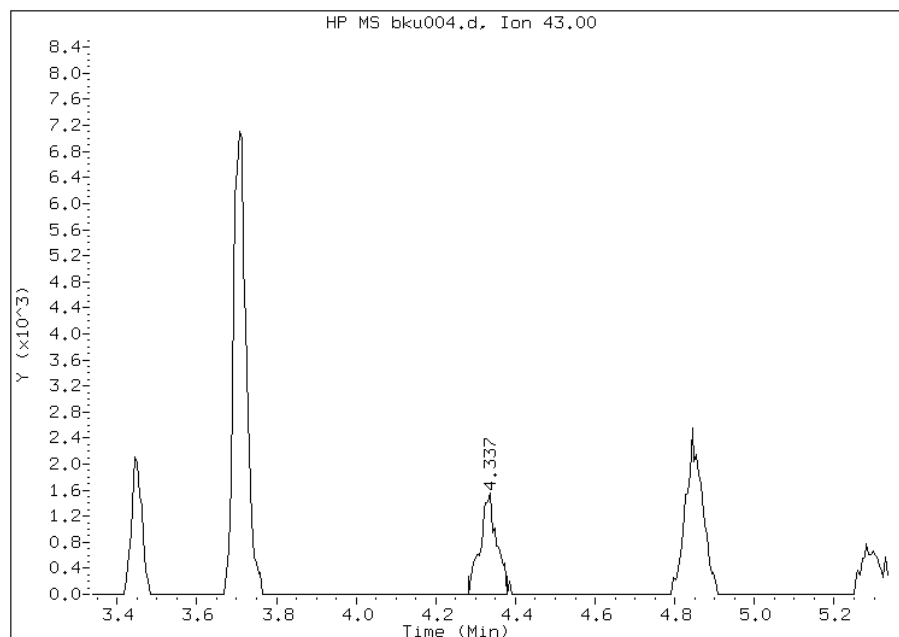
Expected RT: 4.34

Processing Integration Results



Manual Integration Results

RT: 4.34
Response: 4435
Amount: 0.230872
Conc: 0.230872



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

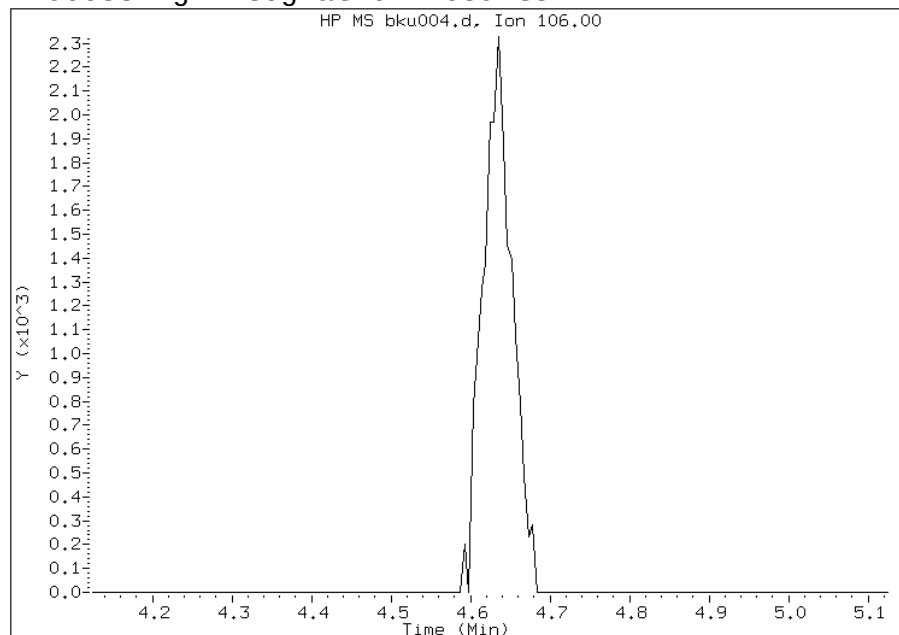
Manual Integration Report

Data File: bku004.d
Lab Sample ID: ic 393985
Inj. Date and Time: 31-OCT-2012 18:53
Instrument ID: B.i
Client ID: ic 393985
Compound: 12 Vinyl bromide
CAS #: 593-60-2
Report Date: 11/02/2012

Not Detected

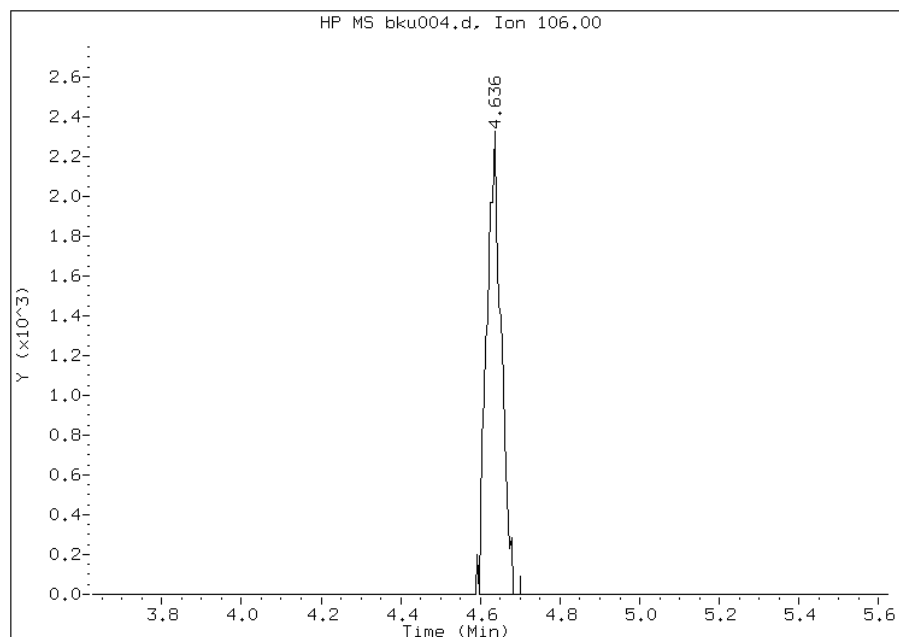
Expected RT: 4.62

Processing Integration Results



Manual Integration Results

RT: 4.64
Response: 5852
Amount: 0.214240
Conc: 0.214240



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

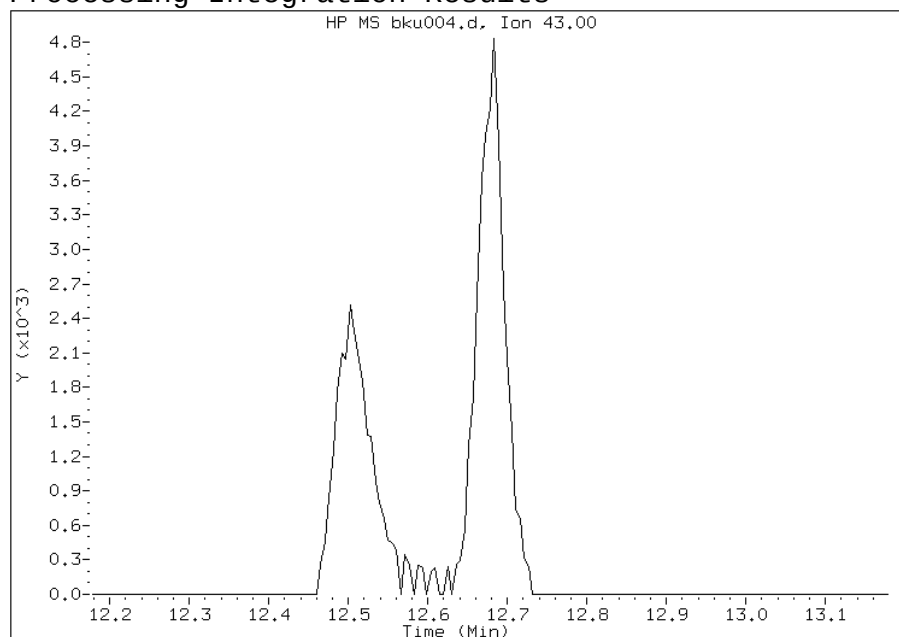
Manual Integration Report

Data File: bku004.d
Lab Sample ID: ic 393985
Inj. Date and Time: 31-OCT-2012 18:53
Instrument ID: B.i
Client ID: ic 393985
Compound: 57 n-Octane
CAS #: 111-65-9
Report Date: 11/02/2012

Processing Integration Results

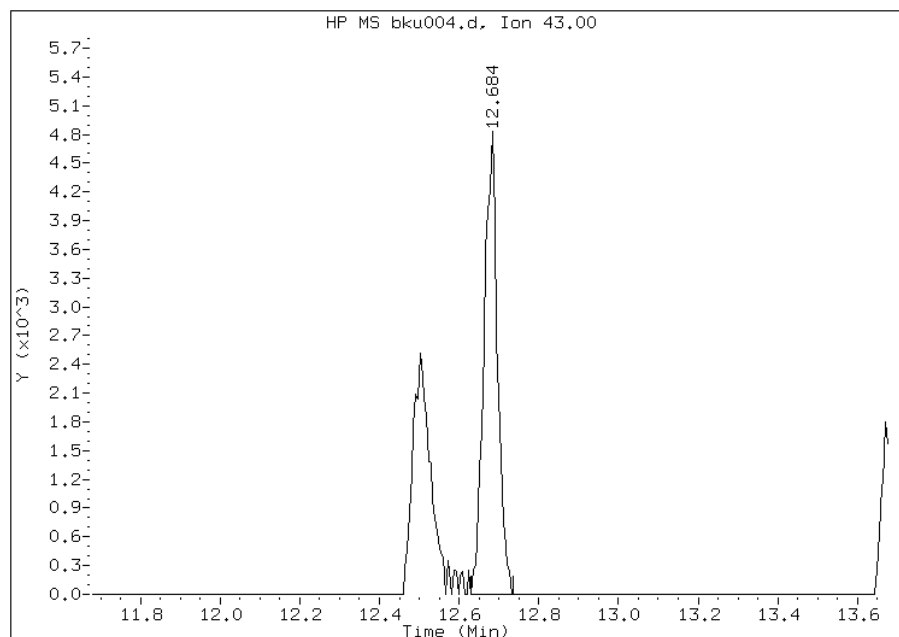
Not Detected

Expected RT: 12.68



Manual Integration Results

RT: 12.68
Response: 11339
Amount: 0.228803
Conc: 0.228803



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

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku005.d
 Lab Smp Id: ic 393988 Client Smp ID: ic 393988
 Inj Date : 31-OCT-2012 19:46
 Operator : wrd Inst ID: B.i
 Smp Info : ic 393988
 Misc Info : 200,1, level 2
 Comment :
 Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
 Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
 Cal Date : 31-OCT-2012 19:46 Cal File: bku005.d
 Als bottle: 6 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allT015.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====		=====	=====
1 Propene	41	2.965	2.965	(0.325)	3837		0.50000	0.57(a)
2 Dichlorodifluoromethane	85	3.018	3.013	(0.331)	26406		0.50000	0.54
3 Chlorodifluoromethane	51	3.050	3.045	(0.335)	10326		0.50000	0.55
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	26517		0.50000	0.54
5 Chloromethane	50	3.307	3.301	(0.363)	5637		0.50000	0.56
6 Butane	43	3.451	3.446	(0.379)	10192		0.50000	0.58
7 Vinyl chloride	62	3.483	3.478	(0.382)	7555		0.50000	0.52
8 1,3-Butadiene	54	3.541	3.531	(0.389)	5268		0.50000	0.51
9 Bromomethane	94	4.064	4.065	(0.446)	11430		0.50000	0.52
10 Chloroethane	64	4.273	4.262	(0.469)	4836		0.50000	0.50
11 2-Methylbutane	43	4.321	4.337	(0.474)	9857		0.50000	0.53
12 Vinyl bromide	106	4.630	4.625	(0.508)	13883		0.50000	0.52
13 Trichlorofluoromethane	101	4.726	4.716	(0.519)	40227		0.50000	0.53
14 Pentane	43	4.844	4.844	(0.531)	17345		0.50000	0.57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.265	5.223	(0.578)	32092	5.00000	5.1
16 Ethyl ether	59	5.372	5.324	(0.589)	8331	0.50000	0.49(QM)
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	29954	0.50000	0.52
18 Acrolein	56	5.714	5.671	(0.627)	4274	0.50000	0.51(aM)
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	13667	0.50000	0.50
20 Acetone	43	5.991	5.943	(0.657)	42194	0.50000	1.3(a)
21 Carbon disulfide	76	6.183	6.178	(0.678)	39628	0.50000	0.52
22 Isopropanol	45	6.349	6.221	(0.697)	10110	0.50000	0.44(a)
23 Allyl chloride	41	6.455	6.450	(0.708)	11527	0.50000	0.50
24 Acetonitrile	41	6.567	6.530	(0.721)	7018	0.50000	0.52(a)
25 Methylene chloride	49	6.722	6.712	(0.738)	12289	0.50000	0.57
26 Tert-butyl alcohol	59	7.090	6.936	(0.778)	19188	0.50000	0.46(aQ)
27 Methyl tert-butyl ether	73	7.154	7.091	(0.785)	39576	0.50000	0.50
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	18194	0.50000	0.50
29 Acrylonitrile	53	7.245	7.197	(0.795)	6016	0.50000	0.41(a)
30 n-Hexane	57	7.448	7.443	(0.817)	18447	0.50000	0.51
31 1,1-Dichloroethane	63	7.848	7.843	(0.861)	22509	0.50000	0.51
32 Vinyl acetate	43	7.912	7.875	(0.868)	19411	0.50000	0.39(a)
M 33 1,2-Dichloroethene,Total	61				33396	1.00000	1.00
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	15202	0.50000	0.49
35 Ethyl acetate	88	8.830	8.788	(0.969)	713	0.50000	0.28(aQM)
36 Methyl Ethyl Ketone	72	8.798	8.761	(0.965)	7629	0.50000	0.58(Q)
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	319144	10.0000	
38 Tetrahydrofuran	42	9.215	9.151	(0.876)	10315	0.50000	0.50(a)
39 Chloroform	83	9.193	9.193	(1.009)	32416	0.50000	0.52
40 Cyclohexane	84	9.439	9.450	(0.897)	19920	0.50000	0.50
41 1,1,1-Trichloroethane	97	9.439	9.434	(0.897)	35502	0.50000	0.51
42 Carbon tetrachloride	117	9.642	9.642	(0.916)	37515	0.50000	0.48
43 2,2,4-Trimethylpentane	57	9.935	9.930	(0.944)	57047	0.50000	0.51
44 Benzene	78	9.967	9.967	(0.947)	43990	0.50000	0.51
45 1,2-Dichloroethane	62	10.079	10.074	(0.958)	19183	0.50000	0.51
46 n-Heptane	43	10.202	10.202	(0.970)	18927	0.50000	0.52
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1475626	10.0000	
48 n-Butanol	56	10.944	10.821	(1.040)	4770	0.50000	0.42(aM)
49 Trichloroethene	95	10.890	10.885	(1.035)	21151	0.50000	0.49
50 1,2-Dichloropropane	63	11.248	11.248	(1.069)	14574	0.50000	0.52
51 Methyl methacrylate	69	11.349	11.323	(1.079)	11349	0.50000	0.40(a)
52 Dibromomethane	174	11.440	11.435	(1.087)	22499	0.50000	0.49
53 1,4-Dioxane	88	Compound Not Detected.					
54 Bromodichloromethane	83	11.616	11.616	(1.104)	32647	0.50000	0.48
55 1,3-Dichloropropene (cis)	75	12.251	12.241	(1.164)	22153	0.50000	0.47
56 Methyl isobutyl ketone	43	12.491	12.428	(1.187)	18788	0.50000	0.42(a)
57 n-Octane	43	12.678	12.678	(1.205)	26422	0.50000	0.55
58 Toluene	92	12.673	12.668	(0.865)	34553	0.50000	0.51
59 1,3-Dichloropropene (trans)	75	13.052	13.041	(1.240)	22766	0.50000	0.45
60 1,1,2-Trichloroethane	83	13.313	13.303	(0.908)	16207	0.50000	0.52
61 Tetrachloroethene	166	13.436	13.431	(0.917)	35620	0.50000	0.51

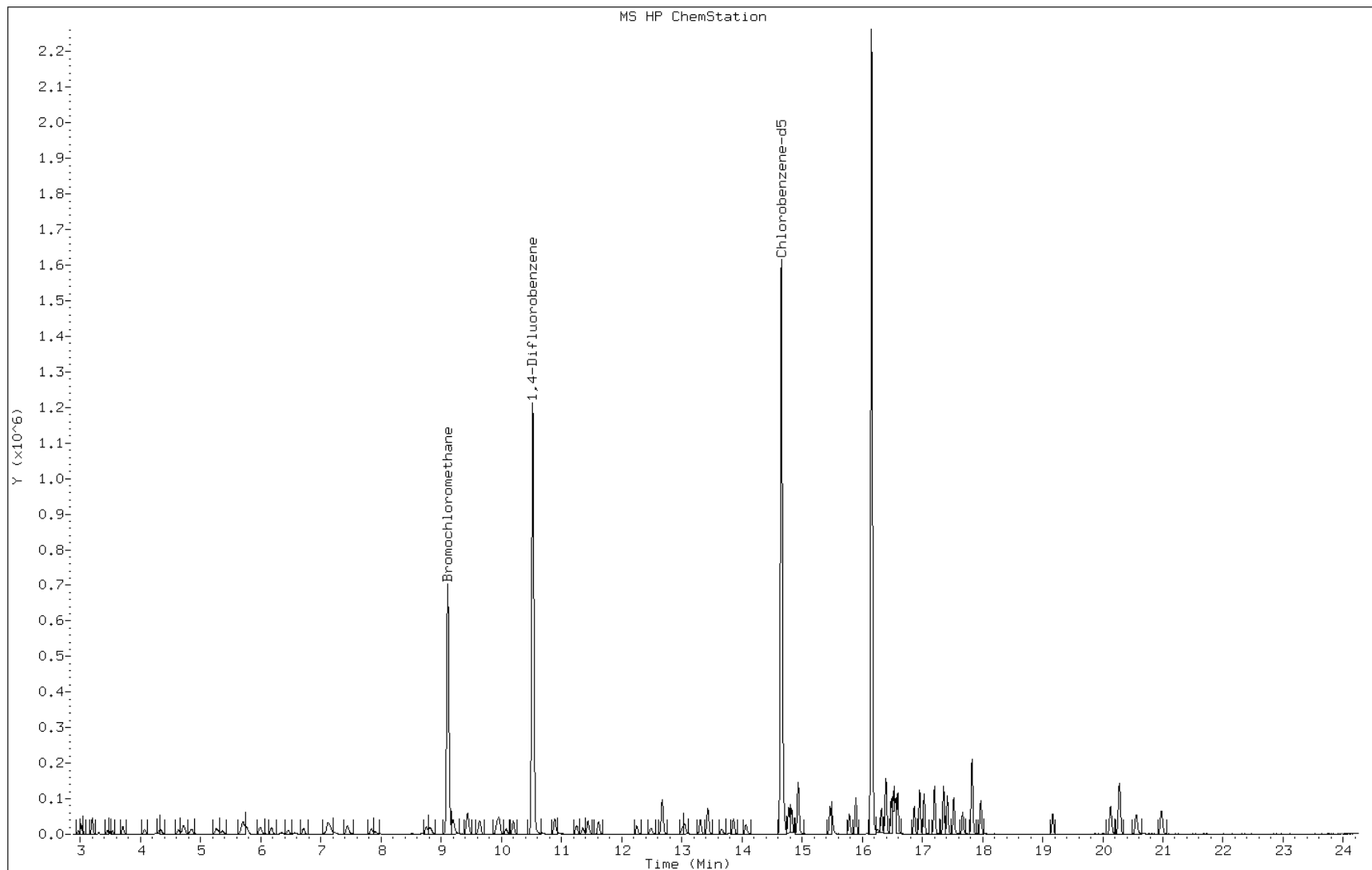
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.660	13.607	(0.932)	16274	0.50000	0.38(a)
63 Dibromochloromethane	129	13.858	13.858	(0.945)	35447	0.50000	0.46
64 1,2-Dibromoethane	107	14.066	14.061	(0.960)	30469	0.50000	0.47
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1331306	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	50250	0.50000	0.50(Q)
67 n-Nonane	57	14.829	14.829	(1.012)	29439	0.50000	0.54
68 Ethylbenzene	91	14.781	14.776	(1.008)	76746	0.50000	0.51
69 Xylene (m,p)	106	14.936	14.936	(1.019)	65127	1.00000	1.0
M 70 Xylenes, Total	106				96078	0.50000	1.6
71 Xylene (o)	106	15.469	15.464	(1.055)	30951	0.50000	0.51
72 Styrene	104	15.507	15.491	(1.058)	41051	0.50000	0.46
73 Bromoform	173	15.790	15.784	(1.077)	36251	0.50000	0.45
74 Isopropylbenzene	105	15.896	15.897	(1.084)	89818	0.50000	0.50
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	41725	0.50000	0.51
76 n-Propylbenzene	91	16.393	16.388	(1.118)	105992	0.50000	0.53
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	33443	0.50000	0.57
78 n-Decane	57	16.483	16.489	(1.125)	39874	0.50000	0.59
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	94339	0.50000	0.52
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	83360	0.50000	0.51
81 1,3,5-Trimethylbenzene	105	16.596	16.590	(1.132)	83088	0.50000	0.53
82 Alpha Methyl Styrene	118	16.873	16.863	(1.151)	34235	0.50000	0.45
83 tert-butylbenzene	119	16.958	16.959	(1.157)	80433	0.50000	0.53
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	80540	0.50000	0.52
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	120304	0.50000	0.53
86 4-Isopropyltoluene	119	17.353	17.354	(1.184)	98585	0.50000	0.51
87 1,3-Dichlorobenzene	146	17.417	17.418	(1.188)	59264	0.50000	0.50
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.196)	61474	0.50000	0.51
89 Benzyl chloride	91	17.674	17.668	(1.206)	62059	0.50000	0.48
90 Undecane	57	17.823	17.823	(1.216)	45109	0.50000	0.70(a)
91 n-Butylbenzene	91	17.834	17.834	(1.217)	85728	0.50000	0.55
92 1,2-Dichlorobenzene	146	17.978	17.973	(1.226)	56631	0.50000	0.50
93 Dodecane	57	19.168	19.163	(1.308)	25027	0.50000	0.46(a)
94 1,2,4-Trichlorobenzene	180	20.129	20.118	(1.373)	46553	0.50000	0.52
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	52062	0.50000	0.58
96 Naphthalene	128	20.561	20.545	(1.403)	90985	0.50000	0.50
97 1,2,3-Trichlorobenzene	180	20.972	20.967	(1.431)	43168	0.50000	0.54

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: bku005.d
Client ID: ic 393988
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393988
Lab Sample ID: ic 393988

Date: 31-OCT-2012 19:46
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



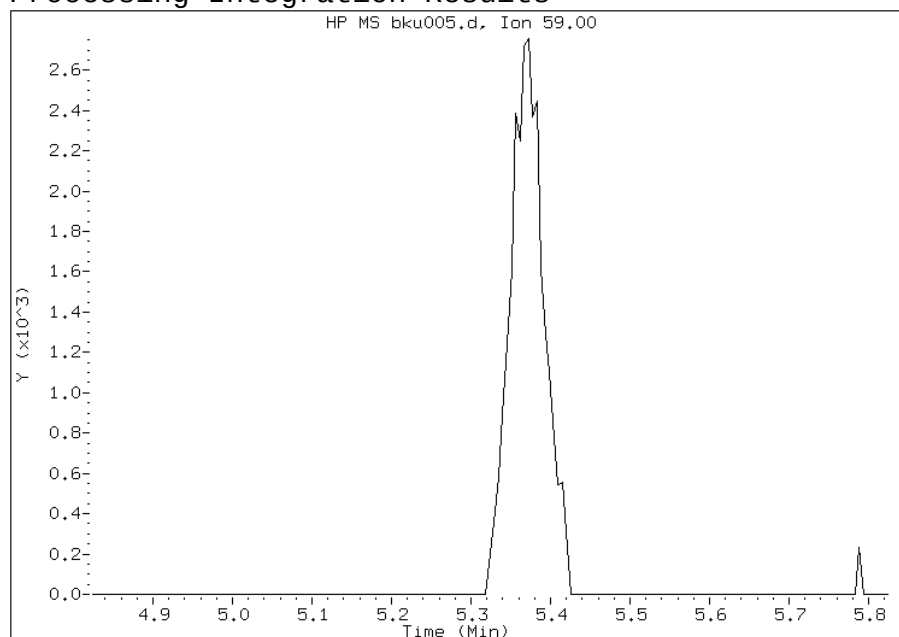
Manual Integration Report

Data File: bku005.d
Lab Sample ID: ic 393988
Inj. Date and Time: 31-OCT-2012 19:46
Instrument ID: B.i
Client ID: ic 393988
Compound: 16 Ethyl ether
CAS #: 60-29-7
Report Date: 11/02/2012

Not Detected

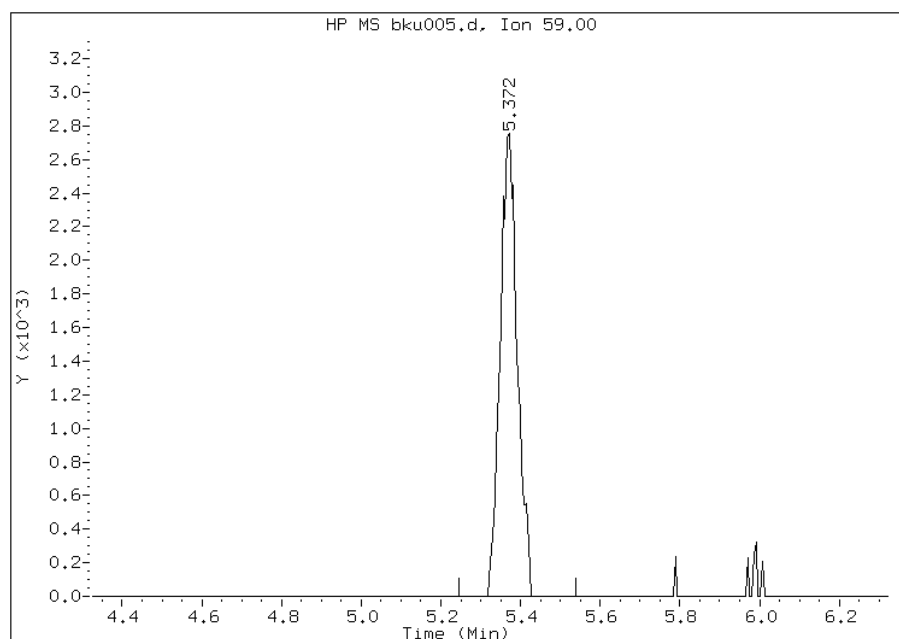
Expected RT: 5.32

Processing Integration Results



Manual Integration Results

RT: 5.37
Response: 8331
Amount: 0.491582
Conc: 0.491582



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

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku006.d
Lab Smp Id: ic 393951 Client Smp ID: ic 393951
Inj Date : 31-OCT-2012 20:38
Operator : wrd Inst ID: B.i
Smp Info : ic 393951
Misc Info : 200,1, level 3
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 20:38 Cal File: bku006.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.326)	34676	5.00000	5.2
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	257474	5.00000	5.3
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	101447	5.00000	5.4
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	255539	5.00000	5.2
5 Chloromethane	50	3.307	3.301	(0.363)	54754	5.00000	5.4
6 Butane	43	3.446	3.446	(0.378)	92437	5.00000	5.3
7 Vinyl chloride	62	3.478	3.478	(0.382)	76050	5.00000	5.2
8 1,3-Butadiene	54	3.531	3.531	(0.388)	53649	5.00000	5.2
9 Bromomethane	94	4.065	4.065	(0.446)	109885	5.00000	5.1
10 Chloroethane	64	4.257	4.262	(0.467)	50464	5.00000	5.2
11 2-Methylbutane	43	4.326	4.337	(0.475)	94581	5.00000	5.1
12 Vinyl bromide	106	4.625	4.625	(0.508)	130704	5.00000	4.9
13 Trichlorofluoromethane	101	4.716	4.716	(0.518)	382962	5.00000	5.1
14 Pentane	43	4.844	4.844	(0.532)	156530	5.00000	5.2

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.223	5.223	(0.573)	63219	10.0000	10
16 Ethyl ether	59	5.330	5.324	(0.585)	87426	5.00000	5.2
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.703	5.708	(0.626)	286908	5.00000	5.0
18 Acrolein	56	5.671	5.671	(0.623)	44625	5.00000	5.4
19 1,1-Dichloroethene	96	5.767	5.767	(0.633)	135691	5.00000	5.0
20 Acetone	43	5.954	5.943	(0.654)	187811	5.00000	6.0
21 Carbon disulfide	76	6.178	6.178	(0.678)	391289	5.00000	5.2
22 Isopropanol	45	6.242	6.221	(0.685)	117167	5.00000	5.1
23 Allyl chloride	41	6.450	6.450	(0.708)	122831	5.00000	5.3
24 Acetonitrile	41	6.536	6.530	(0.718)	72618	5.00000	5.4
25 Methylene chloride	49	6.706	6.712	(0.736)	113578	5.00000	5.3
26 Tert-butyl alcohol	59	6.941	6.936	(0.762)	207370	5.00000	5.0
27 Methyl tert-butyl ether	73	7.101	7.091	(0.780)	401983	5.00000	5.1
28 1,2-Dichloroethene (trans)	61	7.112	7.112	(0.781)	186801	5.00000	5.2
29 Acrylonitrile	53	7.197	7.197	(0.790)	76336	5.00000	5.3
30 n-Hexane	57	7.438	7.443	(0.817)	185200	5.00000	5.2
31 1,1-Dichloroethane	63	7.843	7.843	(0.861)	230808	5.00000	5.2
32 Vinyl acetate	43	7.875	7.875	(0.865)	254067	5.00000	5.2
M 33 1,2-Dichloroethene,Total	61				342728	10.0000	10
34 1,2-Dichloroethene (cis)	96	8.745	8.750	(0.960)	155927	5.00000	5.1
35 Ethyl acetate	88	8.782	8.788	(0.964)	12340	5.00000	4.9(a)
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.962)	68753	5.00000	5.3
* 37 Bromochloromethane	128	9.108	9.113	(1.000)	316702	10.0000	
38 Tetrahydrofuran	42	9.161	9.151	(0.871)	111064	5.00000	5.4
39 Chloroform	83	9.193	9.193	(1.009)	316126	5.00000	5.1
40 Cyclohexane	84	9.444	9.450	(0.898)	201031	5.00000	5.1
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.897)	356972	5.00000	5.1
42 Carbon tetrachloride	117	9.636	9.642	(0.916)	381310	5.00000	4.9
43 2,2,4-Trimethylpentane	57	9.930	9.930	(0.944)	579424	5.00000	5.2
44 Benzene	78	9.962	9.967	(0.947)	435301	5.00000	5.1
45 1,2-Dichloroethane	62	10.069	10.074	(0.957)	197010	5.00000	5.3
46 n-Heptane	43	10.197	10.202	(0.969)	191852	5.00000	5.3
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1473259	10.0000	
48 n-Butanol	56	10.837	10.821	(1.030)	53113	5.00000	4.7(a)
49 Trichloroethene	95	10.885	10.885	(1.034)	212381	5.00000	4.9
50 1,2-Dichloropropane	63	11.243	11.248	(1.068)	141426	5.00000	5.1
51 Methyl methacrylate	69	11.323	11.323	(1.076)	147028	5.00000	5.2
52 Dibromomethane	174	11.435	11.435	(1.087)	222759	5.00000	4.9
53 1,4-Dioxane	88	11.446	11.430	(1.088)	67570	5.00000	5.2
54 Bromodichloromethane	83	11.611	11.616	(1.103)	350032	5.00000	5.2
55 1,3-Dichloropropene (cis)	75	12.241	12.241	(1.163)	248466	5.00000	5.3
56 Methyl isobutyl ketone	43	12.433	12.428	(1.182)	244194	5.00000	5.5
57 n-Octane	43	12.673	12.678	(1.204)	261068	5.00000	5.4
58 Toluene	92	12.668	12.668	(0.864)	348627	5.00000	5.2
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	268529	5.00000	5.3
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	162098	5.00000	5.2
61 Tetrachloroethene	166	13.431	13.431	(0.916)	351758	5.00000	5.0

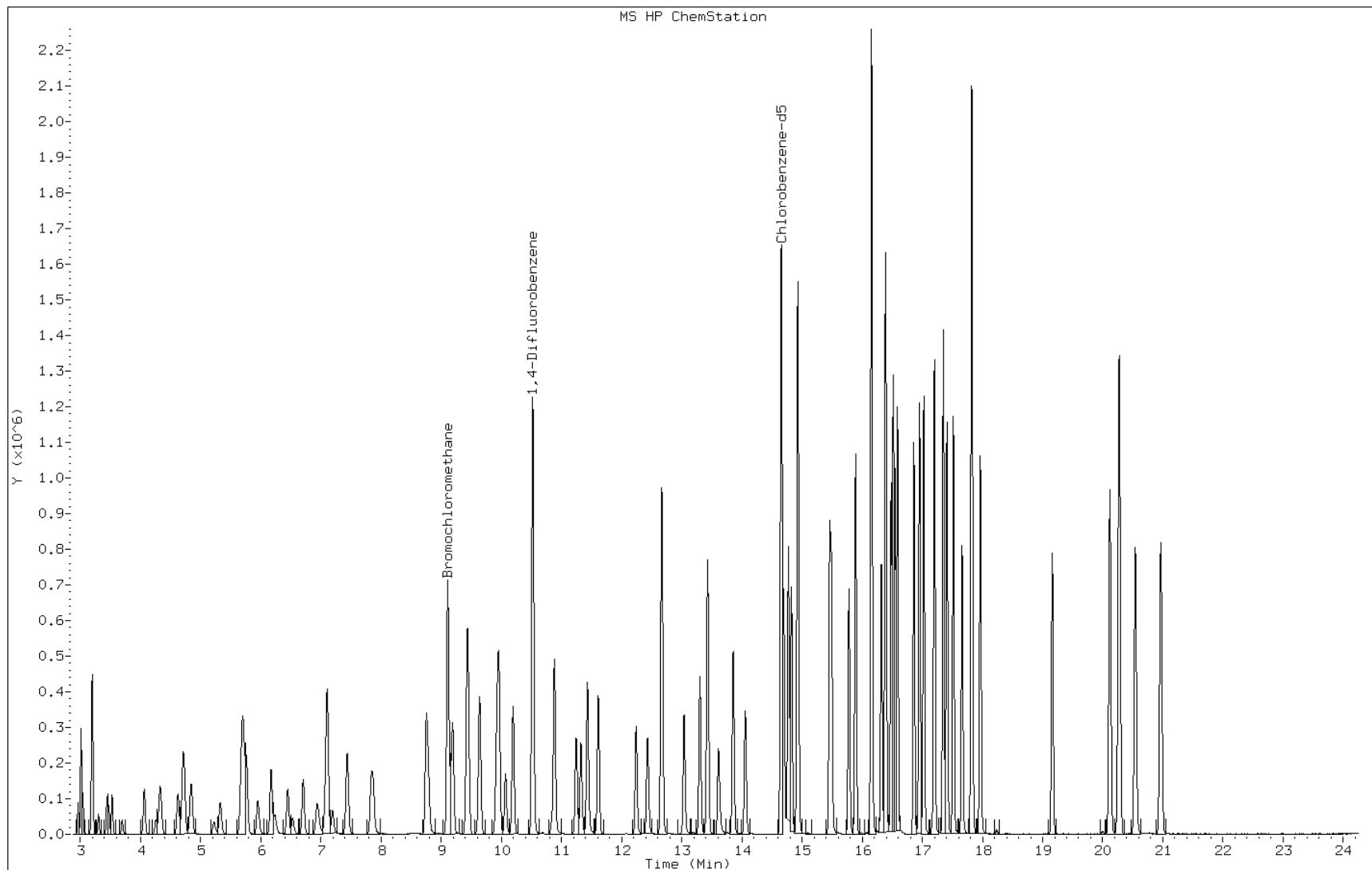
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.612	13.607	(0.929)	240587	5.00000	5.7
63 Dibromochloromethane	129	13.858	13.858	(0.945)	396219	5.00000	5.2
64 1,2-Dibromoethane	107	14.061	14.061	(0.959)	337618	5.00000	5.2
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1332098	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	508560	5.00000	5.1
67 n-Nonane	57	14.824	14.829	(1.011)	290036	5.00000	5.3
68 Ethylbenzene	91	14.776	14.776	(1.008)	784062	5.00000	5.2
69 Xylene (m,p)	106	14.931	14.936	(1.019)	650963	10.0000	10
M 70 Xylenes, Total	106				971966	5.00000	16
71 Xylene (o)	106	15.464	15.464	(1.055)	321003	5.00000	5.3
72 Styrene	104	15.491	15.491	(1.057)	483740	5.00000	5.4
73 Bromoform	173	15.785	15.784	(1.077)	421753	5.00000	5.2
74 Isopropylbenzene	105	15.897	15.897	(1.084)	941886	5.00000	5.3
75 1,1,2,2-Tetrachloroethane	83	16.318	16.323	(1.113)	439821	5.00000	5.4
76 n-Propylbenzene	91	16.388	16.388	(1.118)	1077753	5.00000	5.4
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	332167	5.00000	5.6
78 n-Decane	57	16.484	16.489	(1.125)	384601	5.00000	5.7
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	980651	5.00000	5.4
80 2-Chlorotoluene	91	16.548	16.553	(1.129)	851315	5.00000	5.3
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	827552	5.00000	5.3
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	413849	5.00000	5.4
83 tert-butylbenzene	119	16.959	16.959	(1.157)	796671	5.00000	5.2
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	822185	5.00000	5.3
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	1183361	5.00000	5.2
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	1033929	5.00000	5.4
87 1,3-Dichlorobenzene	146	17.412	17.418	(1.188)	616965	5.00000	5.3
88 1,4-Dichlorobenzene	146	17.519	17.524	(1.195)	628996	5.00000	5.3
89 Benzyl chloride	91	17.663	17.668	(1.205)	729749	5.00000	5.6
90 Undecane	57	17.823	17.823	(1.216)	415594	5.00000	6.4
91 n-Butylbenzene	91	17.829	17.834	(1.216)	878071	5.00000	5.6
92 1,2-Dichlorobenzene	146	17.967	17.973	(1.226)	603426	5.00000	5.3
93 Dodecane	57	19.163	19.163	(1.307)	359561	5.00000	6.6
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	533911	5.00000	6.0
95 1,3-Hexachlorobutadiene	225	20.273	20.278	(1.383)	491067	5.00000	5.4
96 Naphthalene	128	20.540	20.545	(1.401)	1142944	5.00000	6.3
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	497902	5.00000	6.2

QC Flag Legend

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

Data File: bku006.d
Client ID: ic 393951
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393951
Lab Sample ID: ic 393951

Date: 31-OCT-2012 20:38
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku007.d
Lab Smp Id: icis 408689 Client Smp ID: icis 408689
Inj Date : 31-OCT-2012 21:31
Operator : wrd Inst ID: B.i
Smp Info : icis 408689
Misc Info : 200,1, level 4
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 21:31 Cal File: bku007.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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

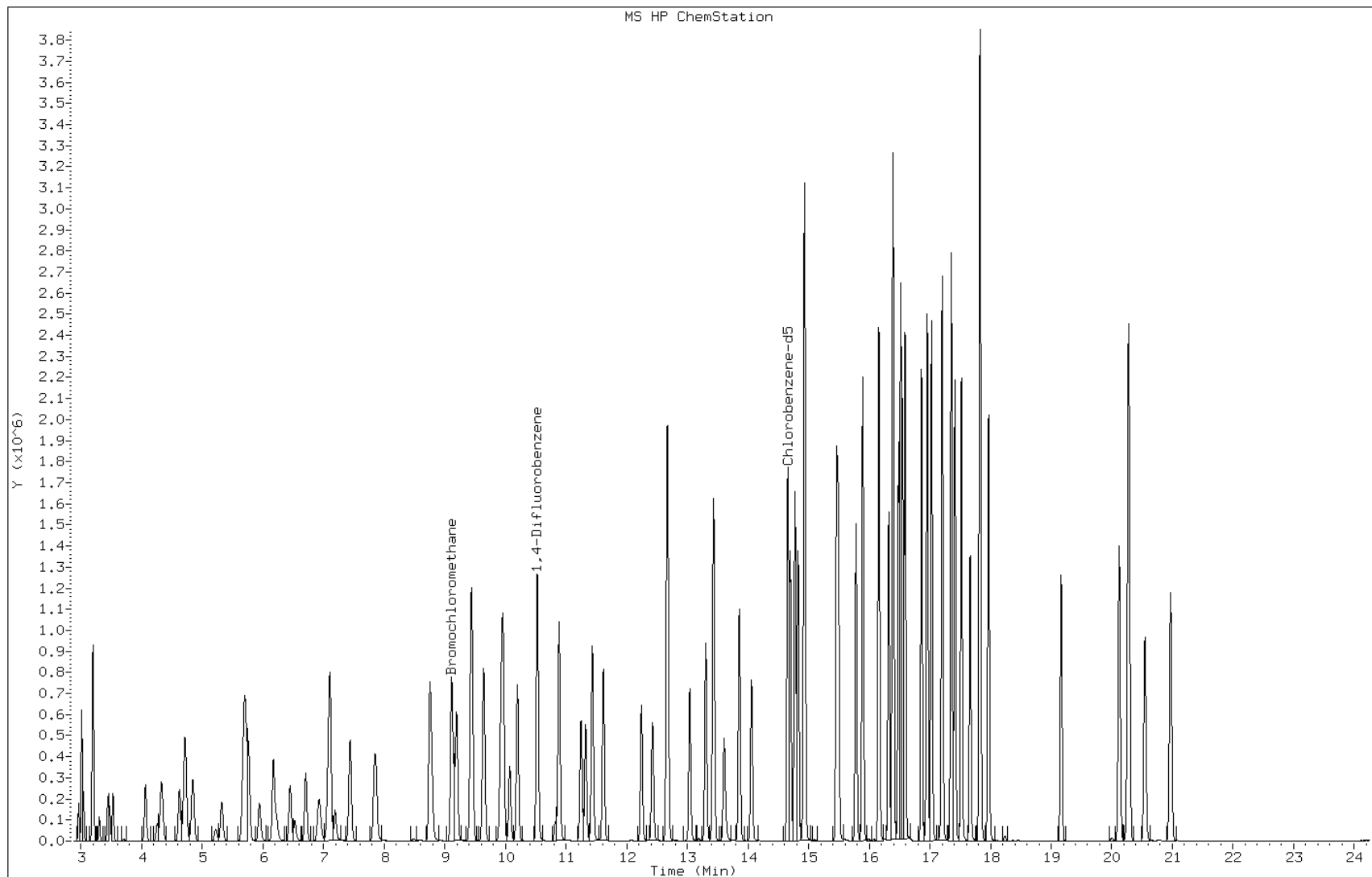
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.325)	73046	10.0000	10
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	536072	10.0000	10
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	208710	10.0000	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	530474	10.0000	10
5 Chloromethane	50	3.301	3.301	(0.362)	111645	10.0000	10
6 Butane	43	3.446	3.446	(0.378)	190356	10.0000	10
7 Vinyl chloride	62	3.478	3.478	(0.382)	159943	10.0000	10
8 1,3-Butadiene	54	3.531	3.531	(0.387)	113464	10.0000	10
9 Bromomethane	94	4.065	4.065	(0.446)	231142	10.0000	9.9
10 Chloroethane	64	4.262	4.262	(0.468)	108395	10.0000	10
11 2-Methylbutane	43	4.337	4.337	(0.476)	197938	10.0000	9.9
12 Vinyl bromide	106	4.625	4.625	(0.507)	280997	10.0000	9.9
13 Trichlorofluoromethane	101	4.716	4.716	(0.517)	802066	10.0000	9.9
14 Pentane	43	4.844	4.844	(0.532)	325517	10.0000	10

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.223	5.223	(0.573)	95851	15.0000	14
16 Ethyl ether	59	5.324	5.324	(0.584)	185532	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	604217	10.0000	9.8
18 Acrolein	56	5.671	5.671	(0.622)	86863	10.0000	9.7
19 1,1-Dichloroethene	96	5.767	5.767	(0.633)	288869	10.0000	10
20 Acetone	43	5.943	5.943	(0.652)	359623	10.0000	11
21 Carbon disulfide	76	6.178	6.178	(0.678)	825219	10.0000	10
22 Isopropanol	45	6.221	6.221	(0.683)	265593	10.0000	11
23 Allyl chloride	41	6.450	6.450	(0.708)	245126	10.0000	9.9
24 Acetonitrile	41	6.530	6.530	(0.717)	151469	10.0000	10
25 Methylene chloride	49	6.712	6.712	(0.736)	234456	10.0000	10
26 Tert-butyl alcohol	59	6.936	6.936	(0.761)	493241	10.0000	11
27 Methyl tert-butyl ether	73	7.091	7.091	(0.778)	858621	10.0000	10
28 1,2-Dichloroethene (trans)	61	7.112	7.112	(0.780)	384750	10.0000	10
29 Acrylonitrile	53	7.197	7.197	(0.790)	160662	10.0000	10
30 n-Hexane	57	7.443	7.443	(0.817)	387479	10.0000	10
31 1,1-Dichloroethane	63	7.843	7.843	(0.861)	478678	10.0000	10
32 Vinyl acetate	43	7.875	7.875	(0.864)	540823	10.0000	10
M 33 1,2-Dichloroethene,Total	61				717938	20.0000	20
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	333188	10.0000	10
35 Ethyl acetate	88	8.788	8.788	(0.964)	28040	10.0000	10
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.961)	141307	10.0000	10
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	340369	10.0000	
38 Tetrahydrofuran	42	9.151	9.151	(0.870)	229113	10.0000	10
39 Chloroform	83	9.193	9.193	(1.009)	661565	10.0000	10
40 Cyclohexane	84	9.450	9.450	(0.898)	432151	10.0000	10
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.897)	746662	10.0000	10
42 Carbon tetrachloride	117	9.642	9.642	(0.916)	814687	10.0000	9.8
43 2,2,4-Trimethylpentane	57	9.930	9.930	(0.944)	1215028	10.0000	10
44 Benzene	78	9.967	9.967	(0.947)	911898	10.0000	10
45 1,2-Dichloroethane	62	10.074	10.074	(0.957)	409005	10.0000	10
46 n-Heptane	43	10.202	10.202	(0.970)	392074	10.0000	10
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1573499	10.0000	
48 n-Butanol	56	10.821	10.821	(1.028)	120598	10.0000	10
49 Trichloroethene	95	10.885	10.885	(1.034)	447685	10.0000	9.6
50 1,2-Dichloropropane	63	11.248	11.248	(1.069)	292736	10.0000	9.8
51 Methyl methacrylate	69	11.323	11.323	(1.076)	319579	10.0000	11
52 Dibromomethane	174	11.435	11.435	(1.087)	488158	10.0000	10
53 1,4-Dioxane	88	11.430	11.430	(1.086)	148488	10.0000	11
54 Bromodichloromethane	83	11.616	11.616	(1.104)	739802	10.0000	10
55 1,3-Dichloropropene (cis)	75	12.241	12.241	(1.163)	527662	10.0000	11
56 Methyl isobutyl ketone	43	12.428	12.428	(1.181)	506044	10.0000	11
57 n-Octane	43	12.678	12.678	(1.205)	523503	10.0000	10
58 Toluene	92	12.668	12.668	(0.864)	735081	10.0000	10
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	563973	10.0000	10
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	345275	10.0000	10
61 Tetrachloroethene	166	13.431	13.431	(0.916)	758705	10.0000	10

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.607	13.607	(0.928)	485162	10.0000	11
63 Dibromochloromethane	129	13.858	13.858	(0.945)	864501	10.0000	11
64 1,2-Dibromoethane	107	14.061	14.061	(0.959)	725597	10.0000	10
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1430449	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	1071650	10.0000	9.9
67 n-Nonane	57	14.829	14.829	(1.012)	596107	10.0000	10
68 Ethylbenzene	91	14.776	14.776	(1.008)	1651976	10.0000	10
69 Xylene (m,p)	106	14.936	14.936	(1.019)	1361445	20.0000	20
M 70 Xylenes, Total	106				2033871	10.0000	31
71 Xylene (o)	106	15.464	15.464	(1.055)	672426	10.0000	10
72 Styrene	104	15.491	15.491	(1.057)	1019161	10.0000	11
73 Bromoform	173	15.784	15.784	(1.077)	914670	10.0000	11
74 Isopropylbenzene	105	15.897	15.897	(1.084)	1979591	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	895121	10.0000	10
76 n-Propylbenzene	91	16.388	16.388	(1.118)	2184992	10.0000	10
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	662964	10.0000	10
78 n-Decane	57	16.489	16.489	(1.125)	756671	10.0000	10
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	1998432	10.0000	10
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	1754369	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	1706324	10.0000	10
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	875472	10.0000	11
83 tert-butylbenzene	119	16.959	16.959	(1.157)	1655821	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	1664546	10.0000	10
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	2395301	10.0000	9.8
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	2111995	10.0000	10
87 1,3-Dichlorobenzene	146	17.418	17.418	(1.188)	1212620	10.0000	9.6
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.196)	1219112	10.0000	9.5
89 Benzyl chloride	91	17.668	17.668	(1.205)	1246469	10.0000	8.9
90 Undecane	57	17.823	17.823	(1.216)	738983	10.0000	11
91 n-Butylbenzene	91	17.834	17.834	(1.217)	1655194	10.0000	9.9
92 1,2-Dichlorobenzene	146	17.973	17.973	(1.226)	1176084	10.0000	9.6
93 Dodecane	57	19.163	19.163	(1.307)	564123	10.0000	9.6
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	779036	10.0000	8.1
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	916914	10.0000	9.5
96 Naphthalene	128	20.545	20.545	(1.402)	1381985	10.0000	7.1
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	720668	10.0000	8.4

Data File: bku007.d
Client ID: icis 408689
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 408689
Lab Sample ID: icis 408689

Date: 31-OCT-2012 21:31
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku008.d
Lab Smp Id: IC 393949 Client Smp ID: IC 393949
Inj Date : 31-OCT-2012 22:23
Operator : wrd Inst ID: B.i
Smp Info : IC 393949
Misc Info : 200,1, level 5
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 22:23 Cal File: bku008.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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	1.00000	Final Volume (mL)

Cpnd Variable

Local Compound Variable

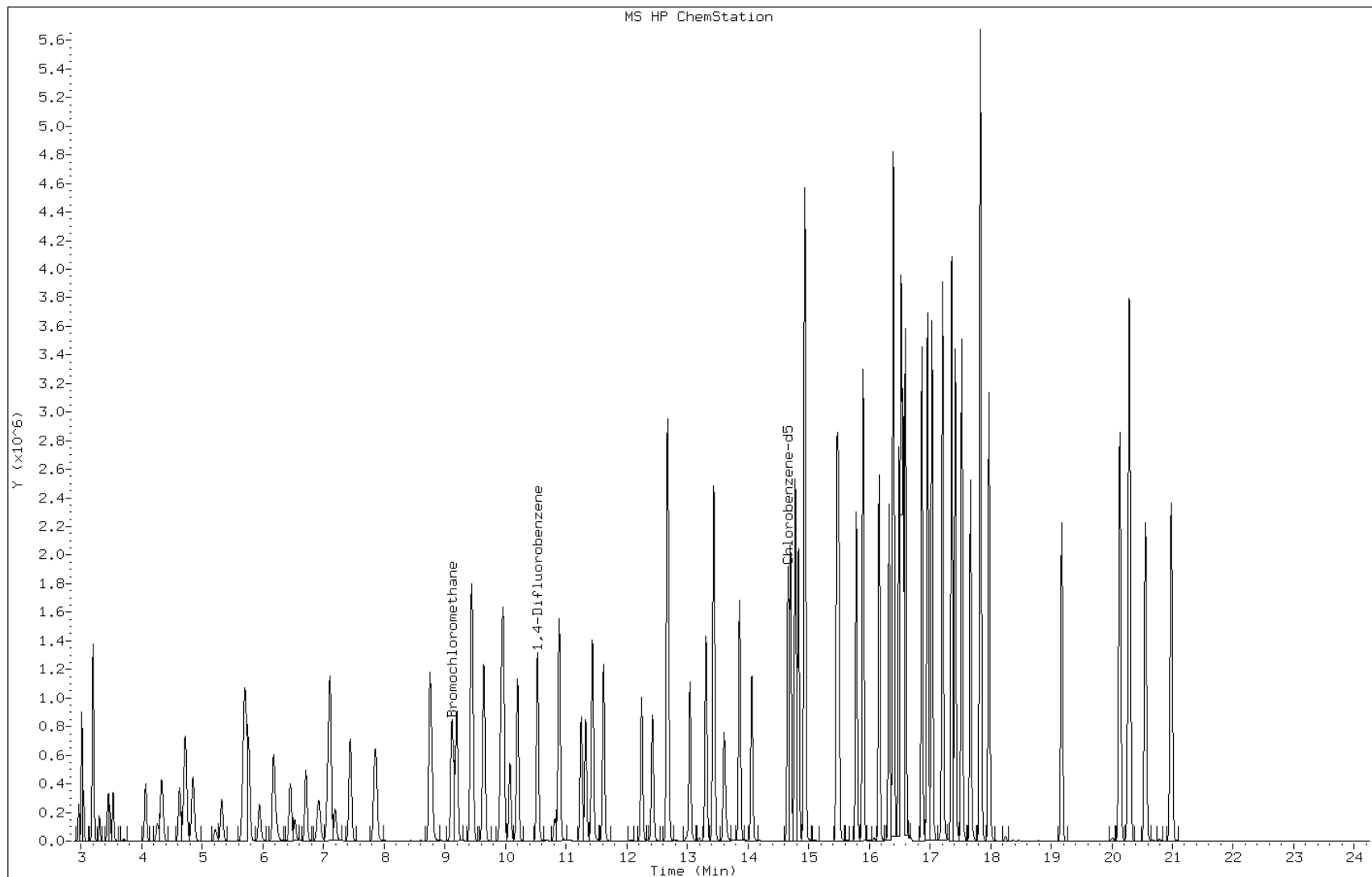
Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.325)	110639		15.0000	15
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	796392		15.0000	15
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	310976		15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	788851		15.0000	14
5 Chloromethane	50	3.307	3.301	(0.363)	164458		15.0000	15
6 Butane	43	3.451	3.446	(0.379)	286540		15.0000	15
7 Vinyl chloride	62	3.477	3.478	(0.382)	238681		15.0000	15
8 1,3-Butadiene	54	3.531	3.531	(0.387)	172051		15.0000	15
9 Bromomethane	94	4.070	4.065	(0.447)	352425		15.0000	15
10 Chloroethane	64	4.262	4.262	(0.468)	162253		15.0000	15
11 2-Methylbutane	43	4.331	4.337	(0.475)	302712		15.0000	15
12 Vinyl bromide	106	4.630	4.625	(0.508)	436698		15.0000	15
13 Trichlorofluoromethane	101	4.721	4.716	(0.518)	1213443		15.0000	14
14 Pentane	43	4.849	4.844	(0.532)	496702		15.0000	15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.223	5.223	(0.573)	144560	20.0000	21
16 Ethyl ether	59	5.324	5.324	(0.584)	284185	15.0000	15
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	930170	15.0000	14
18 Acrolein	56	5.666	5.671	(0.622)	139287	15.0000	15
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	448566	15.0000	15
20 Acetone	43	5.948	5.943	(0.653)	508284	15.0000	14
21 Carbon disulfide	76	6.178	6.178	(0.678)	1273812	15.0000	15
22 Isopropanol	45	6.215	6.221	(0.682)	387420	15.0000	15
23 Allyl chloride	41	6.455	6.450	(0.708)	400684	15.0000	16
24 Acetonitrile	41	6.530	6.530	(0.717)	229308	15.0000	15
25 Methylene chloride	49	6.712	6.712	(0.736)	355151	15.0000	15
26 Tert-butyl alcohol	59	6.925	6.936	(0.760)	709410	15.0000	15
27 Methyl tert-butyl ether	73	7.091	7.091	(0.778)	1309834	15.0000	15
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	587702	15.0000	15
29 Acrylonitrile	53	7.197	7.197	(0.790)	254142	15.0000	16
30 n-Hexane	57	7.448	7.443	(0.817)	597093	15.0000	15
31 1,1-Dichloroethane	63	7.848	7.843	(0.861)	727971	15.0000	15
32 Vinyl acetate	43	7.880	7.875	(0.865)	836663	15.0000	15
M 33 1,2-Dichloroethene,Total	61				1101281	30.0000	30
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	513579	15.0000	15
35 Ethyl acetate	88	8.782	8.788	(0.964)	43118	15.0000	15
36 Methyl Ethyl Ketone	72	8.756	8.761	(0.961)	214204	15.0000	15
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	354145	10.0000	
38 Tetrahydrofuran	42	9.151	9.151	(0.869)	348324	15.0000	15
39 Chloroform	83	9.199	9.193	(1.009)	1007634	15.0000	15
40 Cyclohexane	84	9.449	9.450	(0.898)	657690	15.0000	15
41 1,1,1-Trichloroethane	97	9.439	9.434	(0.897)	1133838	15.0000	15
42 Carbon tetrachloride	117	9.642	9.642	(0.916)	1236720	15.0000	14
43 2,2,4-Trimethylpentane	57	9.940	9.930	(0.944)	1834933	15.0000	15
44 Benzene	78	9.967	9.967	(0.947)	1398412	15.0000	15
45 1,2-Dichloroethane	62	10.074	10.074	(0.957)	616580	15.0000	15
46 n-Heptane	43	10.202	10.202	(0.969)	595337	15.0000	15
* 47 1,4-Difluorobenzene	114	10.528	10.522	(1.000)	1641219	10.0000	
48 n-Butanol	56	10.816	10.821	(1.027)	197309	15.0000	16
49 Trichloroethene	95	10.885	10.885	(1.034)	688136	15.0000	14
50 1,2-Dichloropropane	63	11.248	11.248	(1.068)	450983	15.0000	14
51 Methyl methacrylate	69	11.323	11.323	(1.076)	495069	15.0000	16
52 Dibromomethane	174	11.435	11.435	(1.086)	761816	15.0000	15
53 1,4-Dioxane	88	11.424	11.430	(1.085)	223095	15.0000	15
54 Bromodichloromethane	83	11.616	11.616	(1.103)	1134707	15.0000	15
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	814320	15.0000	16
56 Methyl isobutyl ketone	43	12.427	12.428	(1.180)	780757	15.0000	16
57 n-Octane	43	12.678	12.678	(1.204)	779807	15.0000	15
58 Toluene	92	12.668	12.668	(0.864)	1115858	15.0000	14
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	876696	15.0000	16
60 1,1,2-Trichloroethane	83	13.308	13.303	(0.908)	525662	15.0000	15
61 Tetrachloroethene	166	13.436	13.431	(0.916)	1179145	15.0000	15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.607	13.607	(0.928)	762676	15.0000	16
63 Dibromochloromethane	129	13.863	13.858	(0.945)	1341656	15.0000	15
64 1,2-Dibromoethane	107	14.066	14.061	(0.959)	1114920	15.0000	15
* 65 Chlorobenzene-d5	117	14.664	14.658	(1.000)	1525190	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	1655770	15.0000	14
67 n-Nonane	57	14.834	14.829	(1.012)	892812	15.0000	14
68 Ethylbenzene	91	14.781	14.776	(1.008)	2519210	15.0000	15
69 Xylene (m,p)	106	14.941	14.936	(1.019)	2065099	30.0000	29
M 70 Xylenes, Total	106				3090417	15.0000	44
71 Xylene (o)	106	15.469	15.464	(1.055)	1025318	15.0000	15
72 Styrene	104	15.496	15.491	(1.057)	1603795	15.0000	16
73 Bromoform	173	15.790	15.784	(1.077)	1430201	15.0000	15
74 Isopropylbenzene	105	15.902	15.897	(1.084)	3004078	15.0000	15
75 1,1,2,2-Tetrachloroethane	83	16.329	16.323	(1.114)	1360887	15.0000	15
76 n-Propylbenzene	91	16.393	16.388	(1.118)	3279341	15.0000	14
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	982818	15.0000	15
78 n-Decane	57	16.494	16.489	(1.125)	1109194	15.0000	14
79 4-Ethyltoluene	105	16.526	16.521	(1.127)	3047712	15.0000	15
80 2-Chlorotoluene	91	16.558	16.553	(1.129)	2642648	15.0000	14
81 1,3,5-Trimethylbenzene	105	16.601	16.590	(1.132)	2597890	15.0000	14
82 Alpha Methyl Styrene	118	16.868	16.863	(1.150)	1396938	15.0000	16
83 tert-butylbenzene	119	16.964	16.959	(1.157)	2509039	15.0000	14
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	2538697	15.0000	14
85 sec-Butylbenzene	105	17.209	17.204	(1.174)	3604661	15.0000	14
86 4-Isopropyltoluene	119	17.364	17.354	(1.184)	3208865	15.0000	15
87 1,3-Dichlorobenzene	146	17.423	17.418	(1.188)	1935282	15.0000	14
88 1,4-Dichlorobenzene	146	17.530	17.524	(1.195)	1975170	15.0000	14
89 Benzyl chloride	91	17.674	17.668	(1.205)	2318737	15.0000	16
90 Undecane	57	17.828	17.823	(1.216)	1109910	15.0000	15
91 n-Butylbenzene	91	17.839	17.834	(1.217)	2516290	15.0000	14
92 1,2-Dichlorobenzene	146	17.978	17.973	(1.226)	1868247	15.0000	14
93 Dodecane	57	19.173	19.163	(1.308)	1016688	15.0000	16
94 1,2,4-Trichlorobenzene	180	20.129	20.118	(1.373)	1603263	15.0000	16
95 1,3-Hexachlorobutadiene	225	20.289	20.278	(1.384)	1434280	15.0000	14
96 Naphthalene	128	20.556	20.545	(1.402)	3215485	15.0000	16
97 1,2,3-Trichlorobenzene	180	20.977	20.967	(1.431)	1448464	15.0000	16

Data File: bku008.d
Client ID: IC 393949
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: IC 393949
Lab Sample ID: IC 393949

Date: 31-OCT-2012 22:23
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku009.d
Lab Smp Id: ic 393948 Client Smp ID: ic 393948
Inj Date : 31-OCT-2012 23:15
Operator : wrd Inst ID: B.i
Smp Info : ic 393948
Misc Info : 200,1, level 6
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 31-OCT-2012 23:15 Cal File: bku009.d
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Propene	41		2.965	2.965	(0.325)	150934	20.0000	19
2 Dichlorodifluoromethane	85		3.013	3.013	(0.331)	1099184	20.0000	19
3 Chlorodifluoromethane	51		3.045	3.045	(0.334)	424338	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.200	3.200	(0.351)	1088426	20.0000	18
5 Chloromethane	50		3.307	3.301	(0.363)	224659	20.0000	18
6 Butane	43		3.445	3.446	(0.378)	389197	20.0000	19
7 Vinyl chloride	62		3.477	3.478	(0.382)	324414	20.0000	18
8 1,3-Butadiene	54		3.531	3.531	(0.387)	236886	20.0000	19
9 Bromomethane	94		4.070	4.065	(0.447)	505137	20.0000	19
10 Chloroethane	64		4.262	4.262	(0.468)	227987	20.0000	20
11 2-Methylbutane	43		4.337	4.337	(0.476)	417692	20.0000	19
12 Vinyl bromide	106		4.630	4.625	(0.508)	624952	20.0000	20
13 Trichlorofluoromethane	101		4.721	4.716	(0.518)	1718652	20.0000	19
14 Pentane	43		4.849	4.844	(0.532)	688834	20.0000	19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.217	5.223	(0.572)	306515	40.0000	41
16 Ethyl ether	59	5.319	5.324	(0.584)	403737	20.0000	20
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.708	5.708	(0.626)	1325946	20.0000	19
18 Acrolein	56	5.665	5.671	(0.622)	200975	20.0000	20
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	642434	20.0000	20
20 Acetone	43	5.943	5.943	(0.652)	703093	20.0000	19
21 Carbon disulfide	76	6.178	6.178	(0.678)	1801017	20.0000	20
22 Isopropanol	45	6.210	6.221	(0.681)	530930	20.0000	19
23 Allyl chloride	41	6.455	6.450	(0.708)	530641	20.0000	19
24 Acetonitrile	41	6.530	6.530	(0.717)	311603	20.0000	19
25 Methylene chloride	49	6.712	6.712	(0.736)	488103	20.0000	19
26 Tert-butyl alcohol	59	6.914	6.936	(0.759)	986849	20.0000	20
27 Methyl tert-butyl ether	73	7.085	7.091	(0.777)	1852742	20.0000	19
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	811039	20.0000	19
29 Acrylonitrile	53	7.192	7.197	(0.789)	359501	20.0000	21
30 n-Hexane	57	7.443	7.443	(0.817)	834387	20.0000	19
31 1,1-Dichloroethane	63	7.848	7.843	(0.861)	1020270	20.0000	19
32 Vinyl acetate	43	7.875	7.875	(0.864)	1169747	20.0000	20
M 33 1,2-Dichloroethene,Total	61				1544627	40.0000	38
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	733588	20.0000	20
35 Ethyl acetate	88	8.782	8.788	(0.964)	62153	20.0000	20
36 Methyl Ethyl Ketone	72	8.756	8.761	(0.961)	300045	20.0000	19(Q)
* 37 Bromochloromethane	128	9.113	9.113	(1.000)	382880	10.0000	
38 Tetrahydrofuran	42	9.145	9.151	(0.869)	484151	20.0000	19
39 Chloroform	83	9.199	9.193	(1.009)	1415753	20.0000	19
40 Cyclohexane	84	9.444	9.450	(0.897)	929974	20.0000	19
41 1,1,1-Trichloroethane	97	9.439	9.434	(0.897)	1605364	20.0000	19
42 Carbon tetrachloride	117	9.641	9.642	(0.916)	1768368	20.0000	19
43 2,2,4-Trimethylpentane	57	9.935	9.930	(0.944)	2547699	20.0000	19
44 Benzene	78	9.967	9.967	(0.947)	1963080	20.0000	19
45 1,2-Dichloroethane	62	10.068	10.074	(0.956)	847337	20.0000	19
46 n-Heptane	43	10.197	10.202	(0.969)	810822	20.0000	19
* 47 1,4-Difluorobenzene	114	10.527	10.522	(1.000)	1770045	10.0000	
48 n-Butanol	56	10.805	10.821	(1.026)	278021	20.0000	20
49 Trichloroethene	95	10.885	10.885	(1.034)	975420	20.0000	19
50 1,2-Dichloropropane	63	11.248	11.248	(1.068)	633147	20.0000	19
51 Methyl methacrylate	69	11.323	11.323	(1.076)	706440	20.0000	21
52 Dibromomethane	174	11.435	11.435	(1.086)	1111852	20.0000	20
53 1,4-Dioxane	88	11.413	11.430	(1.084)	305486	20.0000	20
54 Bromodichloromethane	83	11.616	11.616	(1.103)	1596191	20.0000	20
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	1154057	20.0000	20
56 Methyl isobutyl ketone	43	12.422	12.428	(1.180)	1072877	20.0000	20
57 n-Octane	43	12.678	12.678	(1.204)	1052230	20.0000	18
58 Toluene	92	12.668	12.668	(0.864)	1570400	20.0000	19
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	1240894	20.0000	20
60 1,1,2-Trichloroethane	83	13.308	13.303	(0.908)	744476	20.0000	19
61 Tetrachloroethene	166	13.436	13.431	(0.917)	1719888	20.0000	20

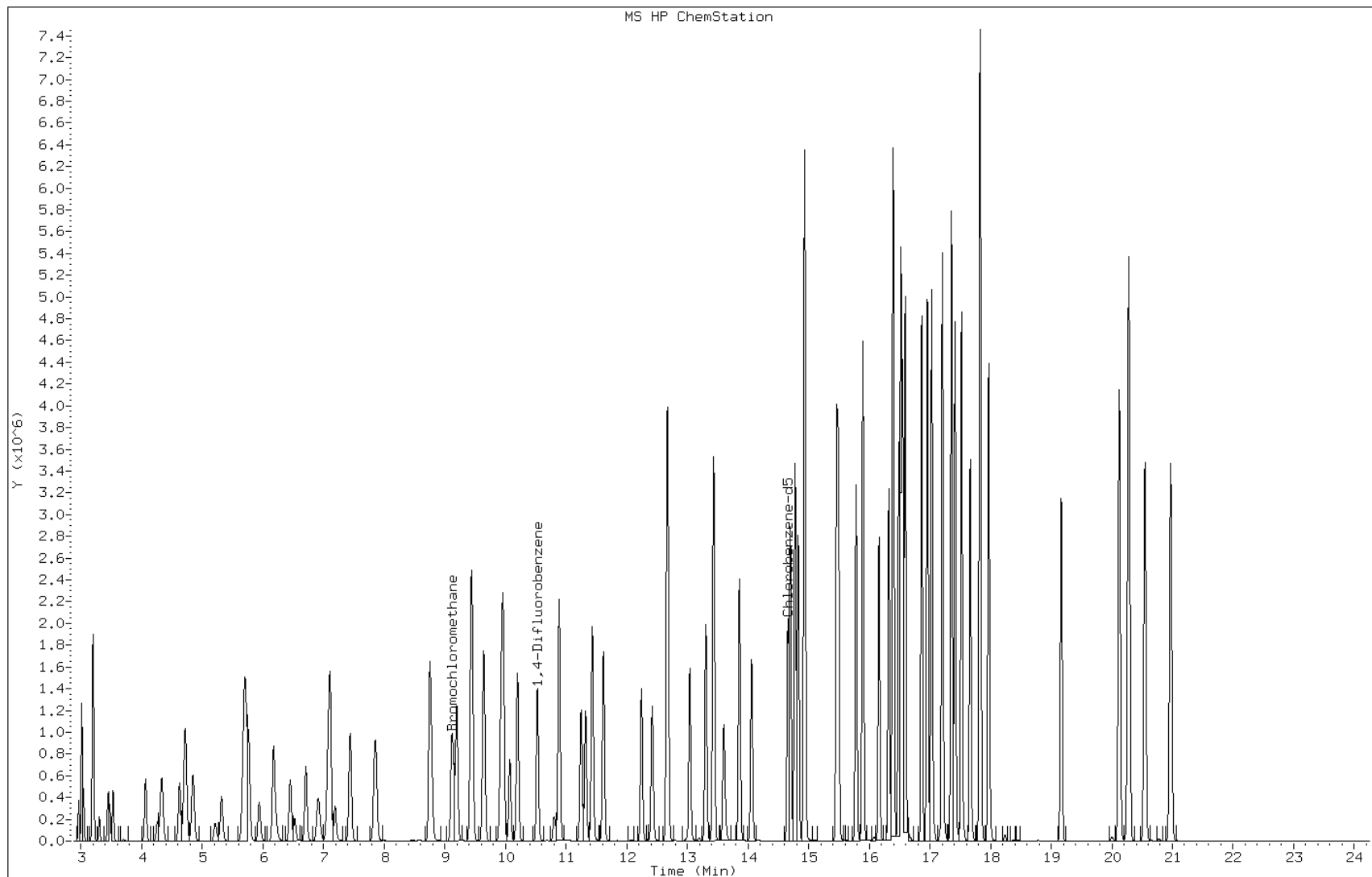
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.601	13.607	(0.928)	1047660	20.0000	20
63 Dibromochloromethane	129	13.858	13.858	(0.945)	1932523	20.0000	20
64 1,2-Dibromoethane	107	14.060	14.061	(0.959)	1596922	20.0000	20
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1643206	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	2383369	20.0000	19
67 n-Nonane	57	14.829	14.829	(1.012)	1230285	20.0000	18
68 Ethylbenzene	91	14.781	14.776	(1.008)	3561088	20.0000	19
69 Xylene (m,p)	106	14.936	14.936	(1.019)	2894087	40.0000	38
M 70 Xylenes, Total	106				4353244	20.0000	57
71 Xylene (o)	106	15.464	15.464	(1.055)	1459157	20.0000	20
72 Styrene	104	15.496	15.491	(1.057)	2295310	20.0000	21
73 Bromoform	173	15.784	15.784	(1.077)	2076355	20.0000	21
74 Isopropylbenzene	105	15.896	15.897	(1.084)	4274643	20.0000	19
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	1896703	20.0000	19
76 n-Propylbenzene	91	16.393	16.388	(1.118)	4499529	20.0000	18
77 1,2,3-Trichloropropane	75	16.403	16.398	(1.119)	1333192	20.0000	18
78 n-Decane	57	16.489	16.489	(1.125)	1499224	20.0000	18
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	4234208	20.0000	19
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	3701141	20.0000	19
81 1,3,5-Trimethylbenzene	105	16.595	16.590	(1.132)	3602812	20.0000	19
82 Alpha Methyl Styrene	118	16.868	16.863	(1.151)	1989438	20.0000	21
83 tert-butylbenzene	119	16.964	16.959	(1.157)	3531720	20.0000	19
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	3607610	20.0000	19
85 sec-Butylbenzene	105	17.209	17.204	(1.174)	5072286	20.0000	18
86 4-Isopropyltoluene	119	17.359	17.354	(1.184)	4548816	20.0000	19
87 1,3-Dichlorobenzene	146	17.417	17.418	(1.188)	2771519	20.0000	19
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.196)	2808602	20.0000	19
89 Benzyl chloride	91	17.668	17.668	(1.205)	3299063	20.0000	21
90 Undecane	57	17.823	17.823	(1.216)	1463981	20.0000	18
91 n-Butylbenzene	91	17.834	17.834	(1.217)	3429463	20.0000	18
92 1,2-Dichlorobenzene	146	17.972	17.973	(1.226)	2680773	20.0000	19
93 Dodecane	57	19.163	19.163	(1.307)	1460373	20.0000	22
94 1,2,4-Trichlorobenzene	180	20.123	20.118	(1.373)	2388874	20.0000	22
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	2050745	20.0000	18
96 Naphthalene	128	20.545	20.545	(1.402)	4985405	20.0000	22
97 1,2,3-Trichlorobenzene	180	20.966	20.967	(1.430)	2192382	20.0000	22

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bku009.d
Client ID: ic 393948
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393948
Lab Sample ID: ic 393948

Date: 31-OCT-2012 23:15
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku010.d
Lab Smp Id: ic 393946 Client Smp ID: ic 393946
Inj Date : 01-NOV-2012 00:08
Operator : wrd Inst ID: B.i
Smp Info : ic 393946
Misc Info : 200,1, level 7
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd Quant Type: ISTD
Cal Date : 01-NOV-2012 00:08 Cal File: bku010.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allT015.sub
Target Version: 3.50
Processing Host: chemsvr6

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	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	2.965	2.965	(0.325)	295654	40.0000	36
2 Dichlorodifluoromethane	85	3.013	3.013	(0.330)	2103237	40.0000	35
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	810766	40.0000	35
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	2045053	40.0000	34
5 Chloromethane	50	3.307	3.301	(0.363)	436707	40.0000	35
6 Butane	43	3.451	3.446	(0.378)	734513	40.0000	34
7 Vinyl chloride	62	3.478	3.478	(0.381)	621259	40.0000	34
8 1,3-Butadiene	54	3.531	3.531	(0.387)	450825	40.0000	35
9 Bromomethane	94	4.070	4.065	(0.446)	971279	40.0000	36
10 Chloroethane	64	4.262	4.262	(0.467)	449495	40.0000	38
11 2-Methylbutane	43	4.337	4.337	(0.476)	823199	40.0000	36
12 Vinyl bromide	106	4.630	4.625	(0.508)	1250416	40.0000	38
13 Trichlorofluoromethane	101	4.726	4.716	(0.518)	3379069	40.0000	36
14 Pentane	43	4.855	4.844	(0.532)	1352576	40.0000	36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.223	5.223	(0.573)	754772	100.000	97
16 Ethyl ether	59	5.319	5.324	(0.583)	782637	40.0000	37
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.714	5.708	(0.627)	2510482	40.0000	35
18 Acrolein	56	5.666	5.671	(0.621)	391651	40.0000	38
19 1,1-Dichloroethene	96	5.772	5.767	(0.633)	1241788	40.0000	37
20 Acetone	43	5.943	5.943	(0.652)	1318667	40.0000	34
21 Carbon disulfide	76	6.178	6.178	(0.678)	3478263	40.0000	37
22 Isopropanol	45	6.221	6.221	(0.682)	1026538	40.0000	36
23 Allyl chloride	41	6.461	6.450	(0.709)	1055782	40.0000	37
24 Acetonitrile	41	6.530	6.530	(0.716)	597530	40.0000	36
25 Methylene chloride	49	6.717	6.712	(0.737)	942030	40.0000	35
26 Tert-butyl alcohol	59	6.920	6.936	(0.759)	1901949	40.0000	37
27 Methyl tert-butyl ether	73	7.085	7.091	(0.777)	3538865	40.0000	36
28 1,2-Dichloroethene (trans)	61	7.117	7.112	(0.781)	1520656	40.0000	34
29 Acrylonitrile	53	7.197	7.197	(0.789)	719269	40.0000	40(A)
30 n-Hexane	57	7.448	7.443	(0.817)	1601354	40.0000	36
31 1,1-Dichloroethane	63	7.849	7.843	(0.861)	1938868	40.0000	35
32 Vinyl acetate	43	7.881	7.875	(0.864)	2244528	40.0000	37
M 33 1,2-Dichloroethene,Total	61				2894365	80.0000	70
34 1,2-Dichloroethene (cis)	96	8.750	8.750	(0.960)	1373709	40.0000	36
35 Ethyl acetate	88	8.788	8.788	(0.964)	118346	40.0000	38
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.961)	559035	40.0000	34(Q)
* 37 Bromochloromethane	128	9.119	9.113	(1.000)	393114	10.0000	
38 Tetrahydrofuran	42	9.145	9.151	(0.868)	929814	40.0000	37
39 Chloroform	83	9.199	9.193	(1.009)	2721371	40.0000	36
40 Cyclohexane	84	9.450	9.450	(0.897)	1720666	40.0000	36
41 1,1,1-Trichloroethane	97	9.444	9.434	(0.897)	3029744	40.0000	36
42 Carbon tetrachloride	117	9.647	9.642	(0.916)	3418251	40.0000	36
43 2,2,4-Trimethylpentane	57	9.935	9.930	(0.943)	4728555	40.0000	35
44 Benzene	78	9.973	9.967	(0.947)	3667474	40.0000	35
45 1,2-Dichloroethane	62	10.074	10.074	(0.956)	1637873	40.0000	36
46 n-Heptane	43	10.202	10.202	(0.969)	1529292	40.0000	35
* 47 1,4-Difluorobenzene	114	10.533	10.522	(1.000)	1795208	10.0000	
48 n-Butanol	56	10.800	10.821	(1.025)	553691	40.0000	40(A)
49 Trichloroethene	95	10.885	10.885	(1.033)	1854164	40.0000	35
50 1,2-Dichloropropane	63	11.253	11.248	(1.068)	1200915	40.0000	35
51 Methyl methacrylate	69	11.323	11.323	(1.075)	1364030	40.0000	40
52 Dibromomethane	174	11.440	11.435	(1.086)	2104018	40.0000	38
53 1,4-Dioxane	88	11.419	11.430	(1.084)	566594	40.0000	36
54 Bromodichloromethane	83	11.622	11.616	(1.103)	3039618	40.0000	37
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	2211230	40.0000	39
56 Methyl isobutyl ketone	43	12.422	12.428	(1.179)	2052646	40.0000	38
57 n-Octane	43	12.684	12.678	(1.204)	1847822	40.0000	31
58 Toluene	92	12.668	12.668	(0.864)	2818353	40.0000	35
59 1,3-Dichloropropene (trans)	75	13.047	13.041	(1.239)	2374334	40.0000	38
60 1,1,2-Trichloroethane	83	13.308	13.303	(0.908)	1402031	40.0000	37
61 Tetrachloroethene	166	13.442	13.431	(0.917)	3190045	40.0000	37

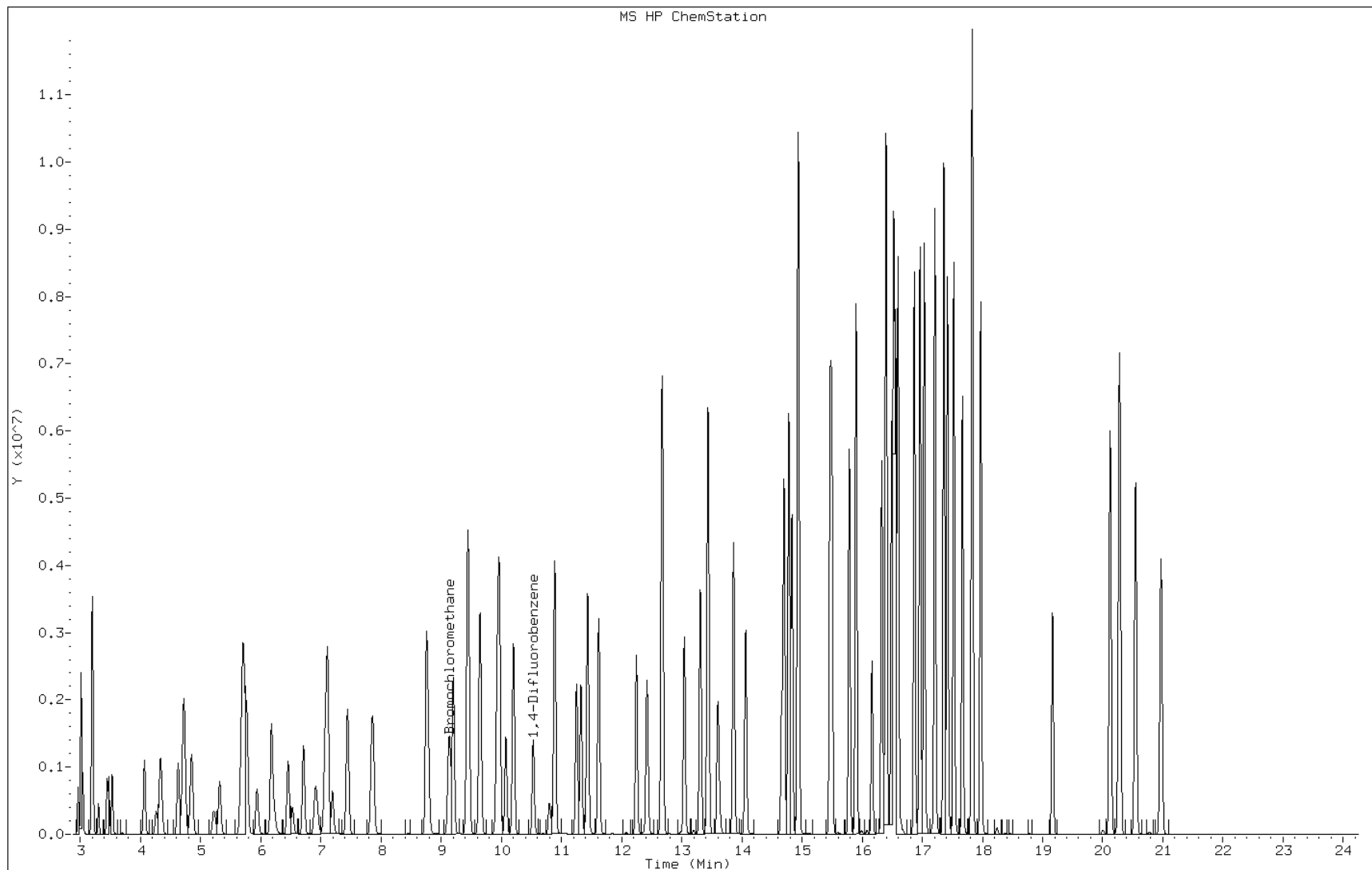
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.602	13.607	(0.928)	2020343	40.0000	39
63 Dibromochloromethane	129	13.863	13.858	(0.945)	3649569	40.0000	39
64 1,2-Dibromoethane	107	14.066	14.061	(0.959)	3014545	40.0000	38
* 65 Chlorobenzene-d5	117	14.664	14.658	(1.000)	1609887	10.0000	
66 Chlorobenzene	112	14.701	14.696	(1.003)	4464389	40.0000	37
67 n-Nonane	57	14.835	14.829	(1.012)	2209489	40.0000	34
68 Ethylbenzene	91	14.781	14.776	(1.008)	6591703	40.0000	36
69 Xylene (m,p)	106	14.941	14.936	(1.019)	5110876	80.0000	68
M 70 Xylenes, Total	106				7754575	40.0000	100
71 Xylene (o)	106	15.470	15.464	(1.055)	2643699	40.0000	36
72 Styrene	104	15.496	15.491	(1.057)	4190241	40.0000	38
73 Bromoform	173	15.790	15.784	(1.077)	3815442	40.0000	39
74 Isopropylbenzene	105	15.902	15.897	(1.084)	7755547	40.0000	36
75 1,1,2,2-Tetrachloroethane	83	16.329	16.323	(1.114)	3379173	40.0000	34
76 n-Propylbenzene	91	16.393	16.388	(1.118)	7639208	40.0000	32
77 1,2,3-Trichloropropane	75	16.409	16.398	(1.119)	2263749	40.0000	32
78 n-Decane	57	16.494	16.489	(1.125)	2582284	40.0000	32
79 4-Ethyltoluene	105	16.526	16.521	(1.127)	7315933	40.0000	33
80 2-Chlorotoluene	91	16.558	16.553	(1.129)	6595022	40.0000	34
81 1,3,5-Trimethylbenzene	105	16.601	16.590	(1.132)	6361517	40.0000	34
82 Alpha Methyl Styrene	118	16.868	16.863	(1.150)	3689881	40.0000	40
83 tert-butylbenzene	119	16.964	16.959	(1.157)	6429539	40.0000	35
84 1,2,4-Trimethylbenzene	105	17.033	17.028	(1.162)	6573817	40.0000	35
85 sec-Butylbenzene	105	17.209	17.204	(1.174)	9026760	40.0000	33
86 4-Isopropyltoluene	119	17.359	17.354	(1.184)	8098460	40.0000	35
87 1,3-Dichlorobenzene	146	17.423	17.418	(1.188)	5045492	40.0000	36
88 1,4-Dichlorobenzene	146	17.524	17.524	(1.195)	5123301	40.0000	35
89 Benzyl chloride	91	17.668	17.668	(1.205)	6195399	40.0000	39
90 Undecane	57	17.823	17.823	(1.215)	2349873	40.0000	30
91 n-Butylbenzene	91	17.839	17.834	(1.217)	5754156	40.0000	30
92 1,2-Dichlorobenzene	146	17.973	17.973	(1.226)	4904000	40.0000	36
93 Dodecane	57	19.163	19.163	(1.307)	1516528	40.0000	23
94 1,2,4-Trichlorobenzene	180	20.123	20.118	(1.372)	3515403	40.0000	33
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	2839357	40.0000	26
96 Naphthalene	128	20.545	20.545	(1.401)	7655263	40.0000	35
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	2598479	40.0000	27

QC Flag Legend

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

Data File: bku010.d
Client ID: ic 393946
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 393946
Lab Sample ID: ic 393946

Date: 01-NOV-2012 00:08
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: ICV 200-47421/13 Calibration Date: 11/01/2012 02:45
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bku013.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	0.2112	0.1999		9.46	10.0	-5.4	30.0
Dichlorodifluoromethane	Ave	1.521	1.475		9.69	10.0	-3.0	30.0
Freon 22	Ave	0.5927	0.5627		9.49	10.0	-5.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.551	1.465		9.45	10.0	-5.5	30.0
Chloromethane	Ave	0.3180	0.3012		9.47	10.0	-5.3	30.0
n-Butane	Ave	0.5494	0.5051		9.19	10.0	-8.1	30.0
Vinyl chloride	Ave	0.4592	0.4331		9.43	10.0	-5.7	30.0
1,3-Butadiene	Ave	0.3247	0.3233		9.95	10.0	-0.4	30.0
Bromomethane	Ave	0.6858	0.6414		9.35	10.0	-6.5	30.0
Chloroethane	Ave	0.3049	0.3000		9.84	10.0	-1.6	30.0
Isopentane	Ave	0.5877	0.5539		9.42	10.0	-5.7	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8356	0.8453		10.1	10.0	1.2	30.0
Trichlorofluoromethane	Ave	2.381	2.319		9.74	10.0	-2.6	30.0
n-Pentane	Ave	0.9544	0.9143		9.58	10.0	-4.2	30.0
Ethanol	Ave	0.1975	0.2224		16.9	15.0	12.6	30.0
Ethyl ether	Ave	0.5310	0.5192		9.77	10.0	-2.2	30.0
Acrolein	Ave	0.2621	0.2129		8.12	10.0	-18.8	30.0
Freon TF	Ave	1.813	1.962		10.8	10.0	8.2	30.0
1,1-Dichloroethene	Ave	0.8503	0.9644		11.3	10.0	13.4	30.0
Acetone	Ave	0.9912	0.9755		9.84	10.0	-1.6	30.0
Carbon disulfide	Ave	2.390	2.495		10.4	10.0	4.4	30.0
Isopropyl alcohol	Ave	0.7191	0.7039		9.79	10.0	-2.1	30.0
3-Chloropropene	Ave	0.7253	0.7167		9.88	10.0	-1.2	30.0
Acetonitrile	Ave	0.4244	0.4194		9.88	10.0	-1.2	30.0
Methylene Chloride	Ave	0.6802	0.7125		10.5	10.0	4.7	30.0
tert-Butyl alcohol	Ave	1.318	1.305		9.89	10.0	-1.0	30.0
Methyl tert-butyl ether	Ave	2.486	2.504		10.1	10.0	0.7	30.0
trans-1,2-Dichloroethene	Ave	1.136	1.103		9.70	10.0	-2.9	30.0
Acrylonitrile	Ave	0.4561	0.4762		10.4	10.0	4.4	30.0
n-Hexane	Ave	1.125	1.129		10.0	10.0	0.3	30.0
1,1-Dichloroethane	Ave	1.396	1.384		9.92	10.0	-0.8	30.0
Vinyl acetate	Ave	1.545	1.468		9.50	10.0	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.9655	1.016		10.5	10.0	5.2	30.0
Methyl Ethyl Ketone	Ave	0.4130	0.4160		10.1	10.0	0.7	30.0
Ethyl acetate	Ave	0.0796	0.0833		10.5	10.0	4.6	30.0
Tetrahydrofuran	Ave	0.1408	0.1438		10.2	10.0	2.1	30.0
Chloroform	Ave	1.948	1.909		9.80	10.0	-2.0	30.0
1,1,1-Trichloroethane	Ave	0.4709	0.4693		9.96	10.0	-0.3	30.0
Cyclohexane	Ave	0.2696	0.2818		10.5	10.0	4.5	30.0
Carbon tetrachloride	Ave	0.5277	0.5092		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: ICV 200-47421/13 Calibration Date: 11/01/2012 02:45
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bku013.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	0.7540	0.7724		10.2	10.0	2.4	30.0
Benzene	Ave	0.5795	0.5898		10.2	10.0	1.8	30.0
1,2-Dichloroethane	Ave	0.2540	0.2477		9.75	10.0	-2.5	30.0
n-Heptane	Ave	0.2466	0.2472		10.0	10.0	0.2	30.0
n-Butanol	Ave	0.0769	0.0713		9.27	10.0	-7.2	30.0
Trichloroethene	Ave	0.2951	0.2892		9.80	10.0	-2.0	30.0
1,2-Dichloropropane	Ave	0.1898	0.1833		9.66	10.0	-3.4	30.0
Methyl methacrylate	Ave	0.1912	0.2000		10.5	10.0	4.6	30.0
1,4-Dioxane	Ave	0.0884	0.0857		9.70	10.0	-3.0	30.0
Dibromomethane	Ave	0.3088	0.3263		10.6	10.0	5.7	30.0
Bromodichloromethane	Ave	0.4575	0.4731		10.3	10.0	3.4	30.0
cis-1,3-Dichloropropene	Ave	0.3190	0.3257		10.2	10.0	2.1	30.0
Methyl isobutyl ketone	Ave	0.3023	0.3185		10.5	10.0	5.3	30.0
Toluene	Ave	0.5068	0.5099		10.1	10.0	0.6	30.0
n-Octane	Ave	0.3273	0.3241		9.90	10.0	-1.0	30.0
trans-1,3-Dichloropropene	Ave	0.3441	0.3443		10.0	10.0	0.0	30.0
1,1,2-Trichloroethane	Ave	0.2342	0.2288		9.76	10.0	-2.3	30.0
Tetrachloroethene	Ave	0.5296	0.5405		10.2	10.0	2.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3185	0.3363		10.6	10.0	5.6	30.0
Dibromochloromethane	Ave	0.5749	0.6261		10.9	10.0	8.9	30.0
1,2-Dibromoethane	Ave	0.4867	0.4980		10.2	10.0	2.3	30.0
Chlorobenzene	Ave	0.7534	0.7491		9.94	10.0	-0.6	30.0
Ethylbenzene	Ave	1.134	1.146		10.1	10.0	1.0	30.0
n-Nonane	Ave	0.4076	0.4155		10.2	10.0	2.0	30.0
m,p-Xylene	Ave	0.4679	0.4707		20.1	20.0	0.6	30.0
Xylene, o-	Ave	0.4551	0.4639		10.2	10.0	1.9	30.0
Styrene	Ave	0.6774	0.7217		10.7	10.0	6.5	30.0
Bromoform	Ave	0.6056	0.6676		11.0	10.0	10.2	30.0
Cumene	Ave	1.342	1.395		10.4	10.0	3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6131	0.5981		9.75	10.0	-2.5	30.0
n-Propylbenzene	Ave	1.489	1.532		10.3	10.0	2.9	30.0
1,2,3-Trichloropropane	Ave	0.4419	0.4575		10.4	10.0	3.5	30.0
n-Decane	Ave	0.5079	0.5250		10.3	10.0	3.4	30.0
4-Ethyltoluene	Ave	1.361	1.445		10.6	10.0	6.1	30.0
2-Chlorotoluene	Ave	1.216	1.243		10.2	10.0	2.2	30.0
1,3,5-Trimethylbenzene	Ave	1.175	1.188		10.1	10.0	1.1	30.0
Alpha Methyl Styrene	Ave	0.5745	0.6380		11.1	10.0	11.1	30.0
tert-Butylbenzene	Ave	1.145	1.181		10.3	10.0	3.1	30.0
1,2,4-Trimethylbenzene	Ave	1.160	1.153		9.93	10.0	-0.7	30.0
sec-Butylbenzene	Ave	1.707	1.706		9.99	10.0	-0.0	30.0

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Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: ICV 200-47421/13 Calibration Date: 11/01/2012 02:45
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bku013.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	1.447	1.517		10.5	10.0	4.8	30.0
1,3-Dichlorobenzene	Ave	0.8819	0.8822		10.0	10.0	0.0	30.0
1,4-Dichlorobenzene	Ave	0.8971	0.8954		9.98	10.0	-0.2	30.0
Benzyl chloride	Ave	0.9775	0.8908		9.11	10.0	-8.9	30.0
n-Undecane	Ave	0.4872	0.5344		11.0	10.0	9.7	30.0
n-Butylbenzene	Ave	1.173	1.199		10.2	10.0	2.3	30.0
1,2-Dichlorobenzene	Ave	0.8557	0.8274		9.67	10.0	-3.3	30.0
n-Dodecane	Ave	0.4117	0.4633		11.3	10.0	12.5	30.0
1,2,4-Trichlorobenzene	Ave	0.6699	0.7537		11.2	10.0	12.5	30.0
Hexachlorobutadiene	Ave	0.6778	0.6693		9.87	10.0	-1.3	30.0
Naphthalene	Ave	1.360	1.620		11.9	10.0	19.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6007	0.7351		12.2	10.0	22.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku013.d
Lab Smp Id: icv 410869
Inj Date : 01-NOV-2012 02:45
Operator : wrd
Smp Info : icv 410869
Misc Info : 200,1, icv
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/to15v5.m
Meth Date : 02-Nov-2012 11:20 wrd
Cal Date : 01-NOV-2012 00:08
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
QC Sample: LCS
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	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	
1 Propene	41	2.965	2.965	(0.326)	75523	9.46158	9.5	
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	557247	9.69372	9.7	
3 Chlorodifluoromethane	51	3.045	3.045	(0.334)	212600	9.49302	9.5	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.351)	553568	9.44762	9.4	
5 Chloromethane	50	3.307	3.301	(0.363)	113803	9.47216	9.5	
6 Butane	43	3.446	3.446	(0.378)	190821	9.19155	9.2	
7 Vinyl chloride	62	3.478	3.478	(0.382)	163609	9.42817	9.4	
8 1,3-Butadiene	54	3.531	3.531	(0.388)	122142	9.95481	10	
9 Bromomethane	94	4.070	4.065	(0.447)	242309	9.34997	9.3	
10 Chloroethane	64	4.262	4.262	(0.468)	113329	9.83755	9.8	
11 2-Methylbutane	43	4.331	4.337	(0.476)	209260	9.42341	9.4	
12 Vinyl bromide	106	4.625	4.625	(0.508)	319356	10.1138	10	
13 Trichlorofluoromethane	101	4.721	4.716	(0.518)	876176	9.73681	9.7	
14 Pentane	43	4.849	4.844	(0.532)	345405	9.57739	9.6	

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.228	5.223	(0.574)	126080	16.8986	17
16 Ethyl ether	59	5.324	5.324	(0.585)	196141	9.77498	9.8
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.703	5.708	(0.626)	741314	10.8191	11
18 Acrolein	56	5.671	5.671	(0.623)	80436	8.12020	8.1
19 1,1-Dichloroethene	96	5.767	5.767	(0.633)	364345	11.3402	11
20 Acetone	43	5.949	5.943	(0.653)	368527	9.83903	9.8
21 Carbon disulfide	76	6.178	6.178	(0.678)	942670	10.4376	10
22 Isopropanol	45	6.231	6.221	(0.684)	265919	9.78585	9.8
23 Allyl chloride	41	6.456	6.450	(0.709)	270779	9.88039	9.9
24 Acetonitrile	41	6.530	6.530	(0.717)	158427	9.87820	9.9
25 Methylene chloride	49	6.712	6.712	(0.737)	269179	10.4727	10
26 Tert-butyl alcohol	59	6.931	6.936	(0.761)	492905	9.89355	9.9
27 Methyl tert-butyl ether	73	7.091	7.091	(0.778)	946062	10.0718	10
28 1,2-Dichloroethene (trans)	61	7.112	7.112	(0.781)	416564	9.70480	9.7
29 Acrylonitrile	53	7.192	7.197	(0.790)	179904	10.4394	10
30 n-Hexane	57	7.443	7.443	(0.817)	426393	10.0296	10
31 1,1-Dichloroethane	63	7.843	7.843	(0.861)	522931	9.91582	9.9
32 Vinyl acetate	43	7.875	7.875	(0.865)	554669	9.50300	9.5
M 33 1,2-Dichloroethene,Total	61				800286	20.2227	20
34 1,2-Dichloroethene (cis)	96	8.745	8.750	(0.960)	383722	10.5179	11
35 Ethyl acetate	88	8.793	8.788	(0.965)	31454	10.4599	10
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.962)	157143	10.0695	10(Q)
* 37 Bromochloromethane	128	9.108	9.113	(1.000)	377866	10.0000	
38 Tetrahydrofuran	42	9.151	9.151	(0.869)	248488	10.2125	10
39 Chloroform	83	9.193	9.193	(1.009)	721333	9.79923	9.8
40 Cyclohexane	84	9.444	9.450	(0.897)	486840	10.4526	10
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.896)	810731	9.96499	10
42 Carbon tetrachloride	117	9.642	9.642	(0.916)	879653	9.64817	9.6
43 2,2,4-Trimethylpentane	57	9.935	9.930	(0.944)	1334277	10.2418	10
44 Benzene	78	9.967	9.967	(0.947)	1018829	10.1752	10
45 1,2-Dichloroethane	62	10.069	10.074	(0.956)	427907	9.74983	9.7
46 n-Heptane	43	10.197	10.202	(0.969)	426978	10.0209	10
* 47 1,4-Difluorobenzene	114	10.528	10.522	(1.000)	1727813	10.0000	
48 n-Butanol	56	10.832	10.821	(1.029)	123244	9.27477	9.3
49 Trichloroethene	95	10.885	10.885	(1.034)	499586	9.79868	9.8
50 1,2-Dichloropropane	63	11.248	11.248	(1.068)	316672	9.65607	9.7
51 Methyl methacrylate	69	11.323	11.323	(1.076)	345470	10.4582	10
52 Dibromomethane	174	11.435	11.435	(1.086)	563620	10.5639	11
53 1,4-Dioxane	88	11.430	11.430	(1.086)	148097	9.69796	9.7
54 Bromodichloromethane	83	11.616	11.616	(1.103)	817272	10.3396	10
55 1,3-Dichloropropene (cis)	75	12.246	12.241	(1.163)	562614	10.2064	10
56 Methyl isobutyl ketone	43	12.428	12.428	(1.180)	550138	10.5326	11
57 n-Octane	43	12.678	12.678	(1.204)	559935	9.90200	9.9
58 Toluene	92	12.668	12.668	(0.864)	797090	10.0595	10
59 1,3-Dichloropropene (trans)	75	13.041	13.041	(1.239)	594681	10.0020	10
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	357576	9.76339	9.8
61 Tetrachloroethene	166	13.431	13.431	(0.916)	844957	10.2055	10

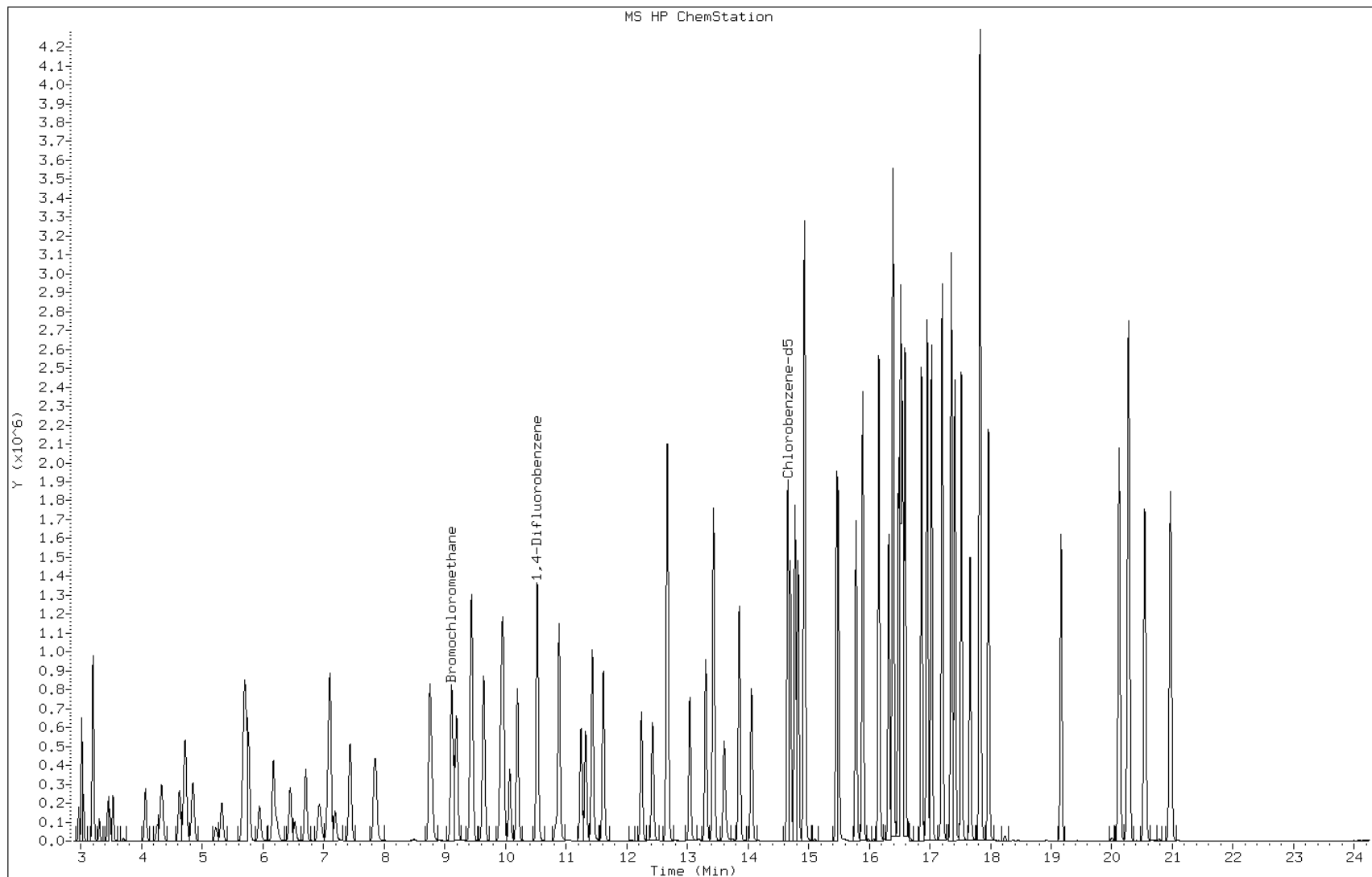
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.607	13.607	(0.928)	525751	10.5594	11
63 Dibromochloromethane	129	13.858	13.858	(0.945)	978707	10.8891	11
64 1,2-Dibromoethane	107	14.061	14.061	(0.959)	778448	10.2302	10
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1563465	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	1170885	9.94052	9.9
67 n-Nonane	57	14.829	14.829	(1.012)	649527	10.1935	10
68 Ethylbenzene	91	14.776	14.776	(1.008)	1790633	10.1000	10
69 Xylene (m,p)	106	14.931	14.936	(1.019)	1471603	20.1165	20
M 70 Xylenes, Total	106				2196674	30.3074	30
71 Xylene (o)	106	15.464	15.464	(1.055)	725071	10.1910	10
72 Styrene	104	15.496	15.491	(1.057)	1128154	10.6525	11
73 Bromoform	173	15.784	15.784	(1.077)	1043527	11.0220	11
74 Isopropylbenzene	105	15.897	15.897	(1.084)	2180118	10.3874	10
75 1,1,2,2-Tetrachloroethane	83	16.323	16.323	(1.114)	934844	9.75202	9.8
76 n-Propylbenzene	91	16.393	16.388	(1.118)	2395302	10.2908	10
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	715216	10.3521	10
78 n-Decane	57	16.484	16.489	(1.125)	820670	10.3346	10
79 4-Ethyltoluene	105	16.521	16.521	(1.127)	2258131	10.6100	11
80 2-Chlorotoluene	91	16.553	16.553	(1.129)	1942555	10.2186	10
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	1856875	10.1067	10
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	997343	11.1036	11
83 tert-butylbenzene	119	16.959	16.959	(1.157)	1845455	10.3048	10
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	1801789	9.93104	9.9
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	2666056	9.99248	10
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	2370628	10.4773	10
87 1,3-Dichlorobenzene	146	17.418	17.418	(1.188)	1379087	10.0021	10
88 1,4-Dichlorobenzene	146	17.519	17.524	(1.195)	1399629	9.97848	10
89 Benzyl chloride	91	17.663	17.668	(1.205)	1392447	9.11087	9.1
90 Undecane	57	17.823	17.823	(1.216)	835314	10.9657	11
91 n-Butylbenzene	91	17.834	17.834	(1.217)	1874844	10.2231	10
92 1,2-Dichlorobenzene	146	17.973	17.973	(1.226)	1293312	9.66664	9.7
93 Dodecane	57	19.163	19.163	(1.307)	724219	11.2514	11
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	1178082	11.2487	11
95 1,3-Hexachlorobutadiene	225	20.278	20.278	(1.383)	1046145	9.87265	9.9
96 Naphthalene	128	20.540	20.545	(1.401)	2532846	11.9116	12
97 1,2,3-Trichlorobenzene	180	20.967	20.967	(1.430)	1149066	12.2351	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bku013.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 410869
Lab Sample ID: icv 410869

Date: 01-NOV-2012 02:45
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: CCVIS 200-48951/2 Calibration Date: 12/03/2012 12:26
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bkuw002.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	0.2112	0.2155		10.2	10.0	2.0	30.0
Dichlorodifluoromethane	Ave	1.521	1.511		9.93	10.0	-0.7	30.0
Freon 22	Ave	0.5927	0.5908		9.97	10.0	-0.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.551	1.469		9.47	10.0	-5.3	30.0
Chloromethane	Ave	0.3180	0.3044		9.57	10.0	-4.3	30.0
n-Butane	Ave	0.5494	0.5320		9.68	10.0	-3.2	30.0
Vinyl chloride	Ave	0.4592	0.4430		9.64	10.0	-3.5	30.0
1,3-Butadiene	Ave	0.3247	0.3193		9.83	10.0	-1.7	30.0
Bromomethane	Ave	0.6858	0.6495		9.47	10.0	-5.3	30.0
Chloroethane	Ave	0.3049	0.3027		9.93	10.0	-0.7	30.0
Isopentane	Ave	0.5877	0.5619		9.56	10.0	-4.4	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8356	0.8232		9.85	10.0	-1.5	30.0
Trichlorofluoromethane	Ave	2.381	2.286		9.60	10.0	-4.0	30.0
n-Pentane	Ave	0.9544	0.9134		9.57	10.0	-4.3	30.0
Ethanol	Ave	0.1975	0.1943		14.8	15.0	-1.6	30.0
Ethyl ether	Ave	0.5310	0.5362		10.1	10.0	1.0	30.0
Acrolein	Ave	0.2621	0.2364		9.02	10.0	-9.8	30.0
Freon TF	Ave	1.813	1.816		10.0	10.0	0.2	30.0
1,1-Dichloroethene	Ave	0.8503	0.8757		10.3	10.0	3.0	30.0
Acetone	Ave	0.9912	1.106		11.2	10.0	11.5	30.0
Carbon disulfide	Ave	2.390	2.426		10.1	10.0	1.5	30.0
Isopropyl alcohol	Ave	0.7191	0.8085		11.2	10.0	12.4	30.0
3-Chloropropene	Ave	0.7253	0.6774		9.34	10.0	-6.6	30.0
Acetonitrile	Ave	0.4244	0.4135		9.74	10.0	-2.6	30.0
Methylene Chloride	Ave	0.6802	0.6549		9.63	10.0	-3.7	30.0
tert-Butyl alcohol	Ave	1.318	1.493		11.3	10.0	13.2	30.0
Methyl tert-butyl ether	Ave	2.486	2.497		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	1.136	1.116		9.82	10.0	-1.8	30.0
Acrylonitrile	Ave	0.4561	0.4599		10.1	10.0	0.8	30.0
n-Hexane	Ave	1.125	1.123		9.98	10.0	-0.2	30.0
1,1-Dichloroethane	Ave	1.396	1.370		9.81	10.0	-1.8	30.0
Vinyl acetate	Ave	1.545	1.477		9.56	10.0	-4.4	30.0
cis-1,2-Dichloroethene	Ave	0.9655	0.995		10.3	10.0	3.1	30.0
Methyl Ethyl Ketone	Ave	0.4130	0.4218		10.2	10.0	2.1	30.0
Ethyl acetate	Ave	0.0796	0.0828		10.4	10.0	4.1	30.0
Tetrahydrofuran	Ave	0.1408	0.1417		10.1	10.0	0.6	30.0
Chloroform	Ave	1.948	1.919		9.85	10.0	-1.5	30.0
1,1,1-Trichloroethane	Ave	0.4709	0.4767		10.1	10.0	1.2	30.0
Cyclohexane	Ave	0.2696	0.2822		10.5	10.0	4.7	30.0
Carbon tetrachloride	Ave	0.5277	0.5256		9.96	10.0	-0.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: CCVIS 200-48951/2 Calibration Date: 12/03/2012 12:26
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bkuw002.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	0.7540	0.7662		10.2	10.0	1.6	30.0
Benzene	Ave	0.5795	0.5940		10.2	10.0	2.5	30.0
1,2-Dichloroethane	Ave	0.2540	0.2516		9.90	10.0	-0.9	30.0
n-Heptane	Ave	0.2466	0.2407		9.76	10.0	-2.4	30.0
n-Butanol	Ave	0.0769	0.0860		11.2	10.0	11.8	30.0
Trichloroethene	Ave	0.2951	0.2943		9.97	10.0	-0.3	30.0
1,2-Dichloropropane	Ave	0.1898	0.1855		9.77	10.0	-2.3	30.0
Methyl methacrylate	Ave	0.1912	0.2023		10.6	10.0	5.8	30.0
1,4-Dioxane	Ave	0.0884	0.1080		12.2	10.0	22.2	30.0
Dibromomethane	Ave	0.3088	0.3236		10.5	10.0	4.8	30.0
Bromodichloromethane	Ave	0.4575	0.4725		10.3	10.0	3.3	30.0
cis-1,3-Dichloropropene	Ave	0.3190	0.3371		10.6	10.0	5.6	30.0
Methyl isobutyl ketone	Ave	0.3023	0.3108		10.3	10.0	2.8	30.0
Toluene	Ave	0.5068	0.5289		10.4	10.0	4.4	30.0
n-Octane	Ave	0.3273	0.3274		10.0	10.0	0.0	30.0
trans-1,3-Dichloropropene	Ave	0.3441	0.3630		10.5	10.0	5.5	30.0
1,1,2-Trichloroethane	Ave	0.2342	0.2462		10.5	10.0	5.1	30.0
Tetrachloroethene	Ave	0.5296	0.5580		10.5	10.0	5.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3185	0.3266		10.3	10.0	2.5	30.0
Dibromochloromethane	Ave	0.5749	0.6203		10.8	10.0	7.9	30.0
1,2-Dibromoethane	Ave	0.4867	0.5164		10.6	10.0	6.1	30.0
Chlorobenzene	Ave	0.7534	0.7857		10.4	10.0	4.3	30.0
Ethylbenzene	Ave	1.134	1.176		10.4	10.0	3.7	30.0
n-Nonane	Ave	0.4076	0.4171		10.2	10.0	2.3	30.0
m,p-Xylene	Ave	0.4679	0.4949		21.1	20.0	5.8	30.0
Xylene, o-	Ave	0.4551	0.4902		10.8	10.0	7.7	30.0
Styrene	Ave	0.6774	0.7553		11.1	10.0	11.5	30.0
Bromoform	Ave	0.6056	0.6635		11.0	10.0	9.6	30.0
Cumene	Ave	1.342	1.419		10.6	10.0	5.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6131	0.6412		10.5	10.0	4.6	30.0
n-Propylbenzene	Ave	1.489	1.569		10.5	10.0	5.4	30.0
1,2,3-Trichloropropane	Ave	0.4419	0.4715		10.7	10.0	6.7	30.0
n-Decane	Ave	0.5079	0.5332		10.5	10.0	5.0	30.0
4-Ethyltoluene	Ave	1.361	1.458		10.7	10.0	7.1	30.0
2-Chlorotoluene	Ave	1.216	1.262		10.4	10.0	3.8	30.0
1,3,5-Trimethylbenzene	Ave	1.175	1.248		10.6	10.0	6.2	30.0
Alpha Methyl Styrene	Ave	0.5745	0.6560		11.4	10.0	14.2	30.0
tert-Butylbenzene	Ave	1.145	1.214		10.6	10.0	6.0	30.0
1,2,4-Trimethylbenzene	Ave	1.160	1.228		10.6	10.0	5.8	30.0
sec-Butylbenzene	Ave	1.707	1.758		10.3	10.0	3.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Lab Sample ID: CCVIS 200-48951/2 Calibration Date: 12/03/2012 12:26
 Instrument ID: B.i Calib Start Date: 10/31/2012 18:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/01/2012 00:08
 Lab File ID: bkuw002.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	1.447	1.553		10.7	10.0	7.3	30.0
1,3-Dichlorobenzene	Ave	0.8819	0.9388		10.6	10.0	6.5	30.0
1,4-Dichlorobenzene	Ave	0.8971	0.9416		10.5	10.0	5.0	30.0
Benzyl chloride	Ave	0.9775	0.9180		9.39	10.0	-6.1	30.0
n-Undecane	Ave	0.4872	0.5361		11.0	10.0	10.0	30.0
n-Butylbenzene	Ave	1.173	1.230		10.5	10.0	4.9	30.0
1,2-Dichlorobenzene	Ave	0.8557	0.9036		10.6	10.0	5.6	30.0
n-Dodecane	Ave	0.4117	0.4640		11.3	10.0	12.7	30.0
1,2,4-Trichlorobenzene	Ave	0.6699	0.7570		11.3	10.0	13.0	30.0
Hexachlorobutadiene	Ave	0.6778	0.6882		10.2	10.0	1.5	30.0
Naphthalene	Ave	1.360	1.521		11.2	10.0	11.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6007	0.6925		11.5	10.0	15.3	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuwto15.b/bkuw002.d
Lab Smp Id: ccvis 408687
Inj Date : 03-DEC-2012 12:26
Operator : pad
Smp Info : ccvis 408687
Misc Info : 200,1, ccvis
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/to15v5.m
Meth Date : 04-Dec-2012 15:27 pd
Cal Date : 01-NOV-2012 00:08
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
Continuing Calibration Sample
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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON-COL
							(ppb v/v)	(ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	
1 Propene	41	2.965	2.965	(0.326)	57785	10.0000	10	
2 Dichlorodifluoromethane	85	3.013	3.013	(0.331)	405263	10.0000	9.9	
3 Chlorodifluoromethane	51	3.045	3.045	(0.335)	158434	10.0000	10	
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.200	3.200	(0.352)	393954	10.0000	9.5	
5 Chloromethane	50	3.301	3.301	(0.363)	81623	10.0000	9.6	
6 Butane	43	3.445	3.446	(0.378)	142658	10.0000	9.7	
7 Vinyl chloride	62	3.477	3.478	(0.382)	118787	10.0000	9.6	
8 1,3-Butadiene	54	3.531	3.531	(0.388)	85611	10.0000	9.8	
9 Bromomethane	94	4.064	4.065	(0.447)	174161	10.0000	9.5	
10 Chloroethane	64	4.257	4.262	(0.468)	81172	10.0000	9.9	
11 2-Methylbutane	43	4.331	4.337	(0.476)	150668	10.0000	9.6	
12 Vinyl bromide	106	4.619	4.625	(0.507)	220753	10.0000	9.8	
13 Trichlorofluoromethane	101	4.716	4.716	(0.518)	613108	10.0000	9.6	
14 Pentane	43	4.844	4.844	(0.532)	244952	10.0000	9.6	

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====		==	=====	=====	=====	=====	=====
15 Ethanol	45		5.217	5.223	(0.573)	78208	15.0000	15
16 Ethyl ether	59		5.324	5.324	(0.585)	143798	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101		5.703	5.708	(0.627)	487020	10.0000	10
18 Acrolein	56		5.665	5.671	(0.622)	63405	10.0000	9.0
19 1,1-Dichloroethene	96		5.762	5.767	(0.633)	234832	10.0000	10
20 Acetone	43		5.938	5.943	(0.652)	296473	10.0000	11
21 Carbon disulfide	76		6.173	6.178	(0.678)	650485	10.0000	10
22 Isopropanol	45		6.215	6.221	(0.683)	216800	10.0000	11
23 Allyl chloride	41		6.450	6.450	(0.709)	181656	10.0000	9.3
24 Acetonitrile	41		6.519	6.530	(0.716)	110876	10.0000	9.7
25 Methylene chloride	49		6.706	6.712	(0.737)	175630	10.0000	9.6
26 Tert-butyl alcohol	59		6.920	6.936	(0.760)	400299	10.0000	11
27 Methyl tert-butyl ether	73		7.080	7.091	(0.778)	669528	10.0000	10
28 1,2-Dichloroethene (trans)	61		7.106	7.112	(0.781)	299201	10.0000	9.8
29 Acrylonitrile	53		7.192	7.197	(0.790)	123318	10.0000	10
30 n-Hexane	57		7.437	7.443	(0.817)	301201	10.0000	10
31 1,1-Dichloroethane	63		7.838	7.843	(0.861)	367406	10.0000	9.8
32 Vinyl acetate	43		7.864	7.875	(0.864)	396085	10.0000	9.6
M 33 1,2-Dichloroethene,Total	61					566113	20.0000	20
34 1,2-Dichloroethene (cis)	96		8.740	8.750	(0.960)	266912	10.0000	10
35 Ethyl acetate	88		8.782	8.788	(0.965)	22214	10.0000	10
36 Methyl Ethyl Ketone	72		8.750	8.761	(0.961)	113099	10.0000	10(Q)
* 37 Bromochloromethane	128		9.102	9.113	(1.000)	268216	10.0000	
38 Tetrahydrofuran	42		9.145	9.151	(0.869)	171934	10.0000	10
39 Chloroform	83		9.188	9.193	(1.009)	514474	10.0000	9.8
40 Cyclohexane	84		9.439	9.450	(0.897)	342425	10.0000	10
41 1,1,1-Trichloroethane	97		9.428	9.434	(0.896)	578376	10.0000	10
42 Carbon tetrachloride	117		9.636	9.642	(0.916)	637815	10.0000	10
43 2,2,4-Trimethylpentane	57		9.930	9.930	(0.944)	929700	10.0000	10
44 Benzene	78		9.956	9.967	(0.946)	720783	10.0000	10
45 1,2-Dichloroethane	62		10.063	10.074	(0.956)	305326	10.0000	9.9
46 n-Heptane	43		10.191	10.202	(0.969)	292023	10.0000	9.8
* 47 1,4-Difluorobenzene	114		10.522	10.522	(1.000)	1213633	10.0000	
48 n-Butanol	56		10.816	10.821	(1.028)	104302	10.0000	11
49 Trichloroethene	95		10.880	10.885	(1.034)	357086	10.0000	10
50 1,2-Dichloropropane	63		11.243	11.248	(1.068)	225103	10.0000	9.8
51 Methyl methacrylate	69		11.317	11.323	(1.076)	245478	10.0000	11
52 Dibromomethane	174		11.429	11.435	(1.086)	392611	10.0000	10
53 1,4-Dioxane	88		11.419	11.430	(1.085)	131069	10.0000	12
54 Bromodichloromethane	83		11.611	11.616	(1.103)	573318	10.0000	10
55 1,3-Dichloropropene (cis)	75		12.235	12.241	(1.163)	408990	10.0000	11
56 Methyl isobutyl ketone	43		12.417	12.428	(1.180)	377122	10.0000	10
57 n-Octane	43		12.673	12.678	(1.204)	397284	10.0000	10
58 Toluene	92		12.657	12.668	(0.864)	582453	10.0000	10
59 1,3-Dichloropropene (trans)	75		13.036	13.041	(1.239)	440436	10.0000	11
60 1,1,2-Trichloroethane	83		13.297	13.303	(0.907)	271117	10.0000	11
61 Tetrachloroethene	166		13.431	13.431	(0.917)	614493	10.0000	11

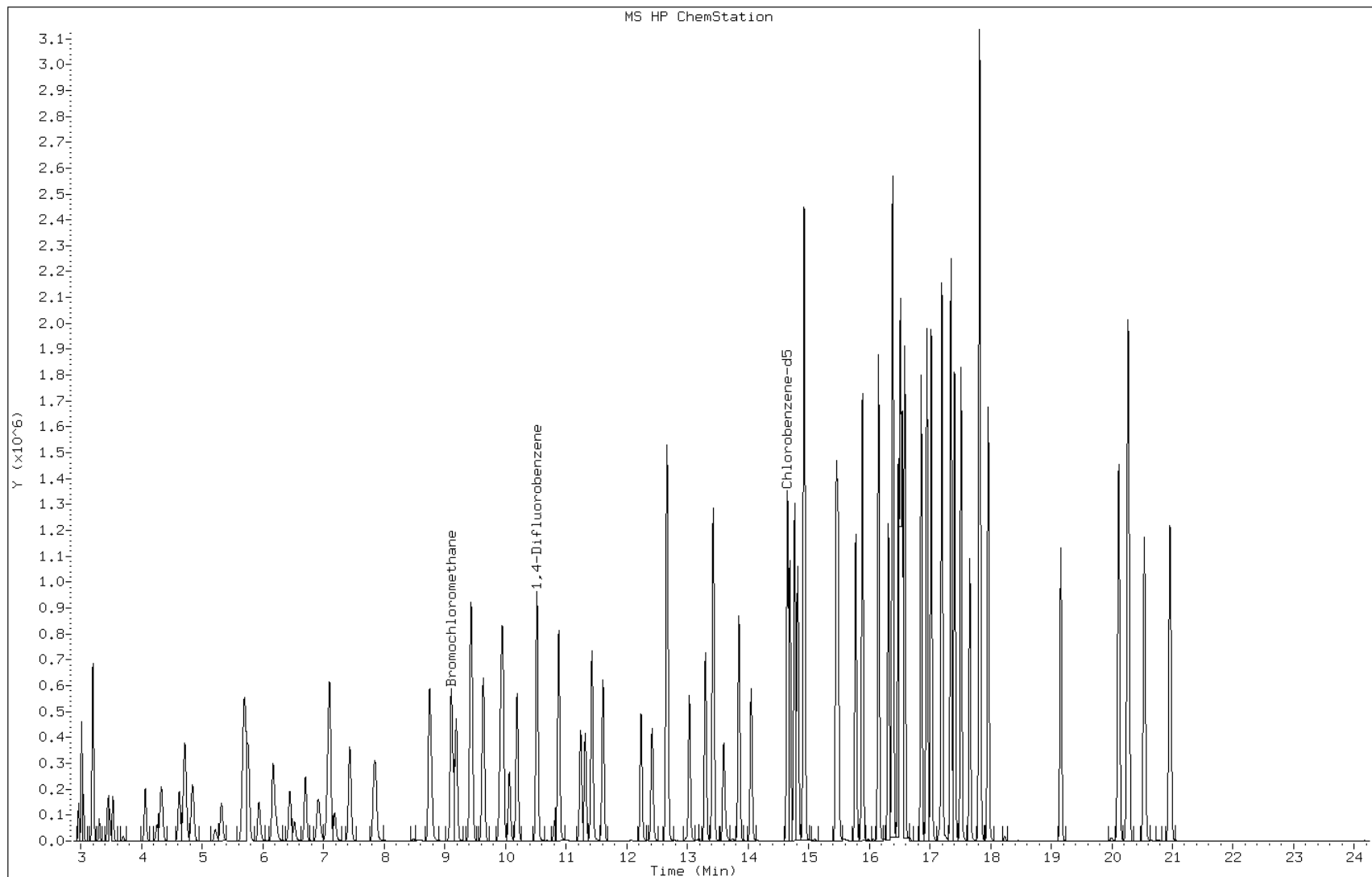
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.601	13.607	(0.928)	359589	10.0000	10
63 Dibromochloromethane	129	13.852	13.858	(0.945)	683100	10.0000	11
64 1,2-Dibromoethane	107	14.055	14.061	(0.959)	568604	10.0000	11
* 65 Chlorobenzene-d5	117	14.653	14.658	(1.000)	1101394	10.0000	
66 Chlorobenzene	112	14.690	14.696	(1.003)	865245	10.0000	10
67 n-Nonane	57	14.824	14.829	(1.012)	459316	10.0000	10
68 Ethylbenzene	91	14.770	14.776	(1.008)	1295483	10.0000	10
69 Xylene (m,p)	106	14.930	14.936	(1.019)	1089843	20.0000	21
M 70 Xylenes, Total	106				1629635	10.0000	32
71 Xylene (o)	106	15.459	15.464	(1.055)	539792	10.0000	11
72 Styrene	104	15.485	15.491	(1.057)	831696	10.0000	11
73 Bromoform	173	15.779	15.784	(1.077)	730587	10.0000	11
74 Isopropylbenzene	105	15.891	15.897	(1.085)	1562405	10.0000	11
75 1,1,2,2-Tetrachloroethane	83	16.318	16.323	(1.114)	706075	10.0000	10
76 n-Propylbenzene	91	16.382	16.388	(1.118)	1727603	10.0000	11
77 1,2,3-Trichloropropane	75	16.393	16.398	(1.119)	519169	10.0000	11
78 n-Decane	57	16.478	16.489	(1.125)	587121	10.0000	10
79 4-Ethyltoluene	105	16.515	16.521	(1.127)	1605163	10.0000	11
80 2-Chlorotoluene	91	16.547	16.553	(1.129)	1389278	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.585	16.590	(1.132)	1374277	10.0000	11
82 Alpha Methyl Styrene	118	16.857	16.863	(1.150)	722348	10.0000	11
83 tert-butylbenzene	119	16.953	16.959	(1.157)	1337064	10.0000	11
84 1,2,4-Trimethylbenzene	105	17.022	17.028	(1.162)	1352082	10.0000	11
85 sec-Butylbenzene	105	17.199	17.204	(1.174)	1935338	10.0000	10
86 4-Isopropyltoluene	119	17.348	17.354	(1.184)	1710166	10.0000	11
87 1,3-Dichlorobenzene	146	17.412	17.418	(1.188)	1033832	10.0000	11
88 1,4-Dichlorobenzene	146	17.519	17.524	(1.196)	1036825	10.0000	10
89 Benzyl chloride	91	17.663	17.668	(1.205)	1010900	10.0000	9.4
90 Undecane	57	17.818	17.823	(1.216)	590331	10.0000	11
91 n-Butylbenzene	91	17.828	17.834	(1.217)	1354757	10.0000	10
92 1,2-Dichlorobenzene	146	17.967	17.973	(1.226)	995036	10.0000	11
93 Dodecane	57	19.157	19.163	(1.307)	510922	10.0000	11
94 1,2,4-Trichlorobenzene	180	20.113	20.118	(1.373)	833620	10.0000	11
95 1,3-Hexachlorobutadiene	225	20.267	20.278	(1.383)	757832	10.0000	10
96 Naphthalene	128	20.534	20.545	(1.401)	1674712	10.0000	11
97 1,2,3-Trichlorobenzene	180	20.961	20.967	(1.431)	762564	10.0000	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bkuw002.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 408687
Lab Sample ID: ccvis 408687

Date: 03-DEC-2012 12:26
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/B.i/Bsvr.p/bkuto15.b/bku001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 31-OCT-2012 16:15
Operator : wrd Inst ID: B.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/B.i/Bsvr.p/bkuto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
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

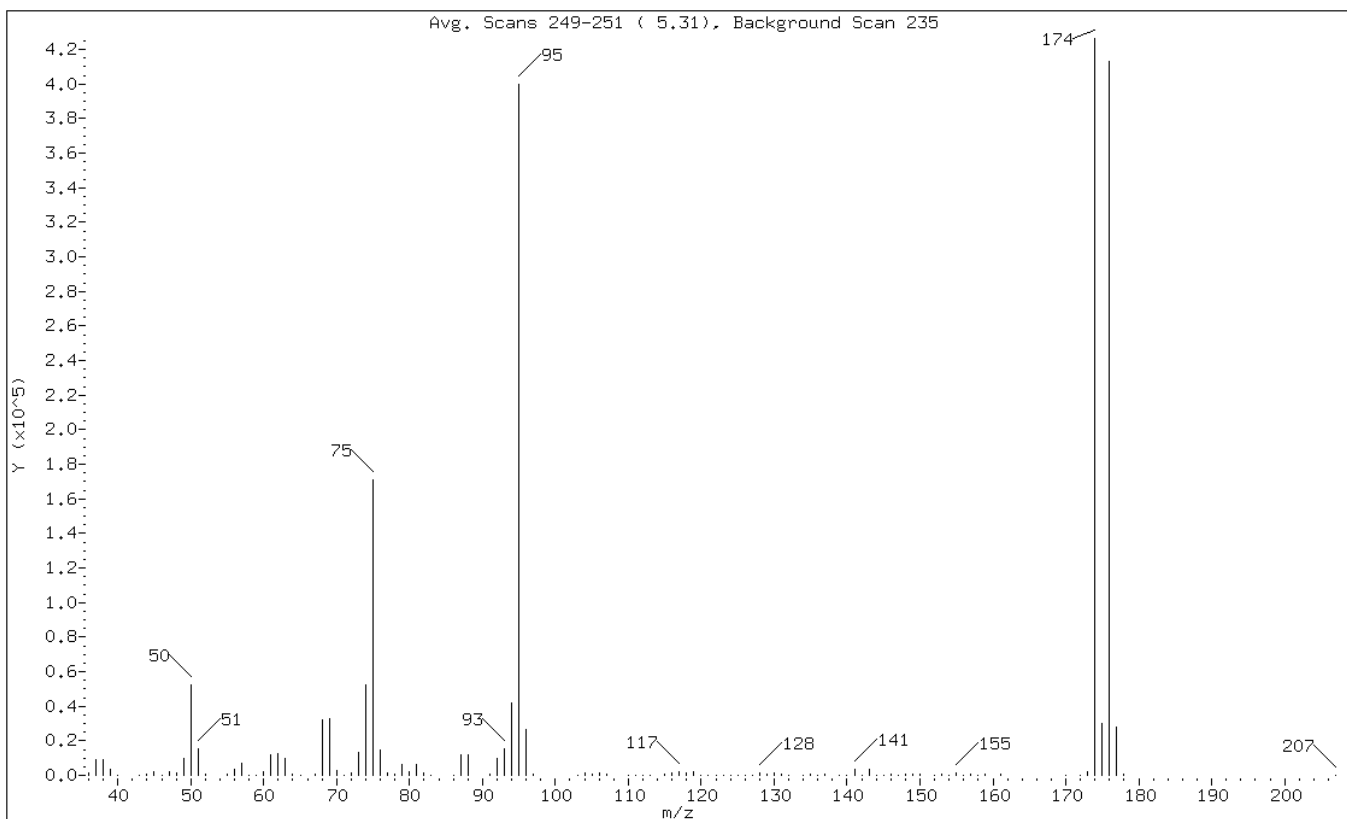
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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									
5.314	5.670	-0.356	95	399850			100.00- 100.00	93.79	
5.314	5.670	-0.356	50	52328			8.00- 40.00	13.09	
5.314	5.670	-0.356	75	170816			30.00- 66.00	42.72	
5.314	5.670	-0.356	96	26645			5.00- 9.00	6.66	
5.314	5.670	-0.356	173	1777			0.00- 2.00	0.42	
5.314	5.670	-0.356	174	426346			50.00- 120.00	106.63	
5.314	5.670	-0.356	175	30205			4.00- 9.00	7.08	
5.314	5.670	-0.356	176	413056			93.00- 101.00	96.88	
5.314	5.670	-0.356	177	28242			5.00- 9.00	6.84	

Data File: bku001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 31-OCT-2012 16:15
 Instrument: B.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	13.09
75	30.00 - 66.00% of mass 95	42.72
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.44 (0.42)
174	50.00 - 120.00% of mass 95	106.63
175	4.00 - 9.00% of mass 174	7.55 (7.08)
176	93.00 - 101.00% of mass 174	103.30 (96.88)
177	5.00 - 9.00% of mass 176	7.06 (6.84)

Data File: bku001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

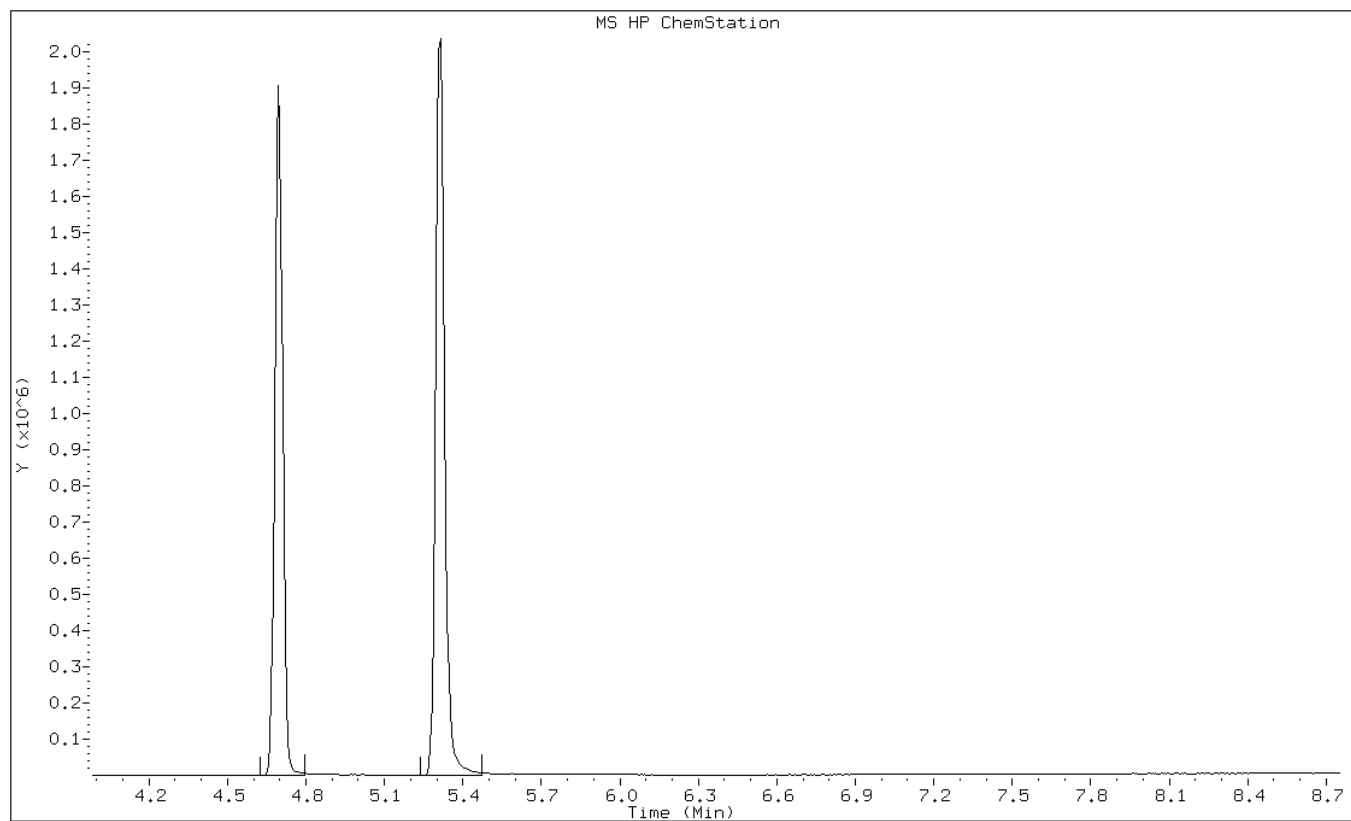
Date: 31-OCT-2012 16:15
 Instrument: B.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/B.i/Bsvr.p/bkuto15.b/bku001.d
 Spectrum: Avg. Scans 249-251 (5.31), Background Scan 235
 Location of Maximum: 174.00
 Number of points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1381	70.00	2531	110.00	168	142.00	344
37.00	9138	71.00	74	111.00	280	143.00	3504
38.00	8814	72.00	1704	112.00	62	144.00	190
39.00	3661	73.00	13093	113.00	205	145.00	319
40.00	3	74.00	52336	115.00	351	146.00	564
43.00	80	75.00	170816	116.00	1077	147.00	278
44.00	996	76.00	14921	117.00	1986	148.00	988
45.00	1922	77.00	1545	118.00	1108	149.00	362
46.00	202	78.00	906	119.00	1811	150.00	386
47.00	2340	79.00	6231	120.00	42	152.00	235
48.00	1360	80.00	2215	121.00	37	153.00	354
49.00	9484	81.00	6574	122.00	36	154.00	342
50.00	52328	82.00	1359	123.00	33	155.00	1127
51.00	15050	83.00	158	124.00	267	156.00	188
52.00	644	86.00	253	125.00	60	157.00	767
55.00	490	87.00	12060	126.00	198	158.00	39
56.00	3620	88.00	12110	127.00	82	159.00	447
57.00	7065	91.00	993	128.00	1375	161.00	471
58.00	254	92.00	9844	129.00	700	170.00	36
59.00	40	93.00	15270	130.00	1278	172.00	171
60.00	2209	94.00	42024	131.00	570	173.00	1777
61.00	11975	95.00	399808	132.00	101	174.00	426304
62.00	12604	96.00	26640	134.00	119	175.00	30200
63.00	9544	97.00	836	135.00	642	176.00	413056
64.00	982	103.00	128	136.00	49	177.00	28240
65.00	150	104.00	1263	137.00	580	178.00	751
67.00	649	105.00	433	139.00	50	207.00	4
68.00	32000	106.00	1291	140.00	215		
69.00	32520	107.00	349	141.00	3523		

Data File: bku001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 31-OCT-2012 16:15
Instrument: B.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/B.i/Bsvr.p/bkuwto15.b/bkuw001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 03-DEC-2012 11:32
Operator : pad Inst ID: B.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:21 jd1 Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
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

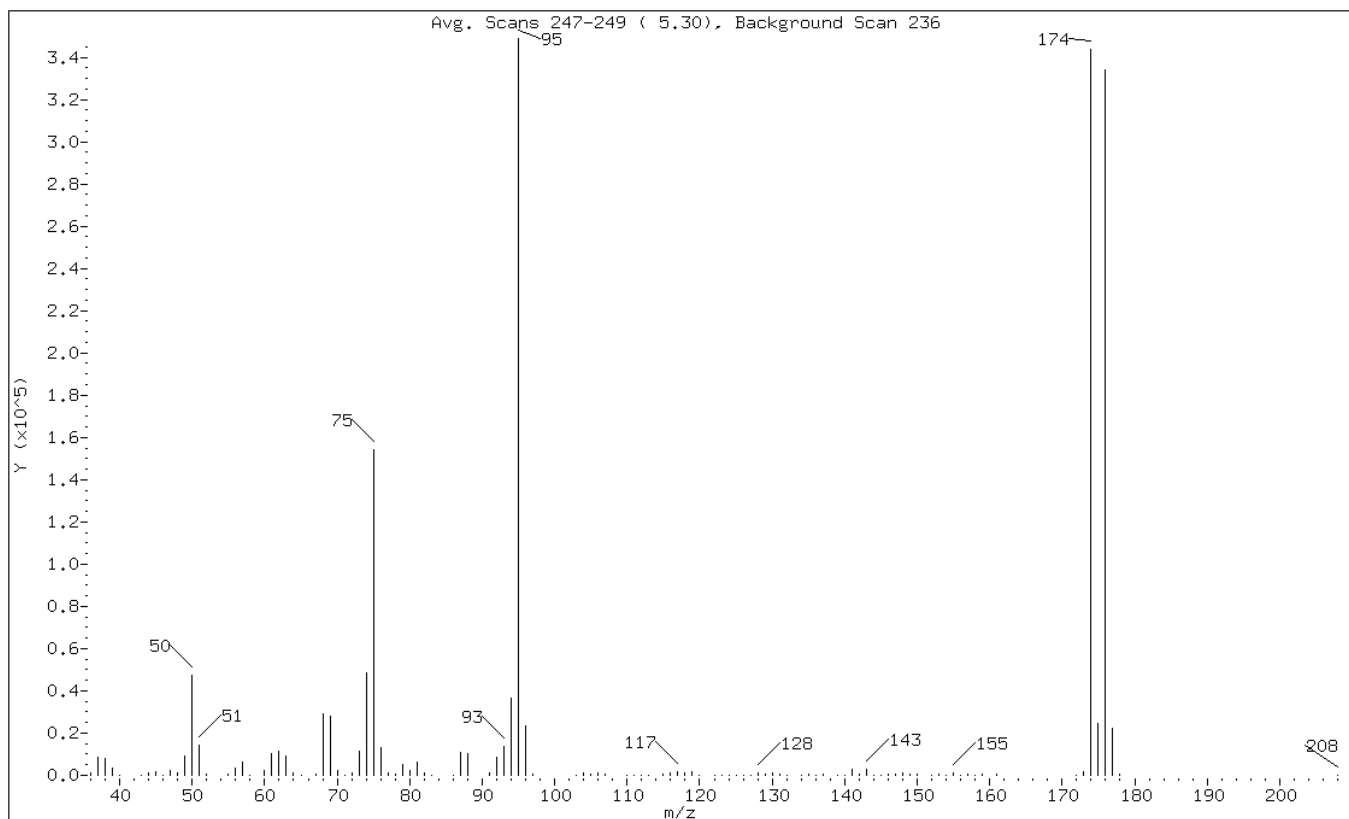
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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									
5.303	5.670	-0.367	95	348885			100.00- 100.00	100.00	
5.303	5.670	-0.367	50	47309			8.00- 40.00	13.56	
5.303	5.670	-0.367	75	154282			30.00- 66.00	44.22	
5.303	5.670	-0.367	96	23440			5.00- 9.00	6.72	
5.303	5.670	-0.367	173	1906			0.00- 2.00	0.55	
5.303	5.670	-0.367	174	343658			50.00- 120.00	98.50	
5.303	5.670	-0.367	175	24656			4.00- 9.00	7.17	
5.303	5.670	-0.367	176	334144			93.00- 101.00	97.23	
5.303	5.670	-0.367	177	22093			5.00- 9.00	6.61	

Data File: bkuw001.d
 Client ID: BFB
 Operator: pad
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 03-DEC-2012 11:32
 Instrument: B.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	13.56
75	30.00 - 66.00% of mass 95	44.22
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.55 (0.55)
174	50.00 - 120.00% of mass 95	98.50
175	4.00 - 9.00% of mass 174	7.07 (7.17)
176	93.00 - 101.00% of mass 174	95.77 (97.23)
177	5.00 - 9.00% of mass 176	6.33 (6.61)

Data File: bkuw001.d
 Client ID: BFB
 Operator: pad
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

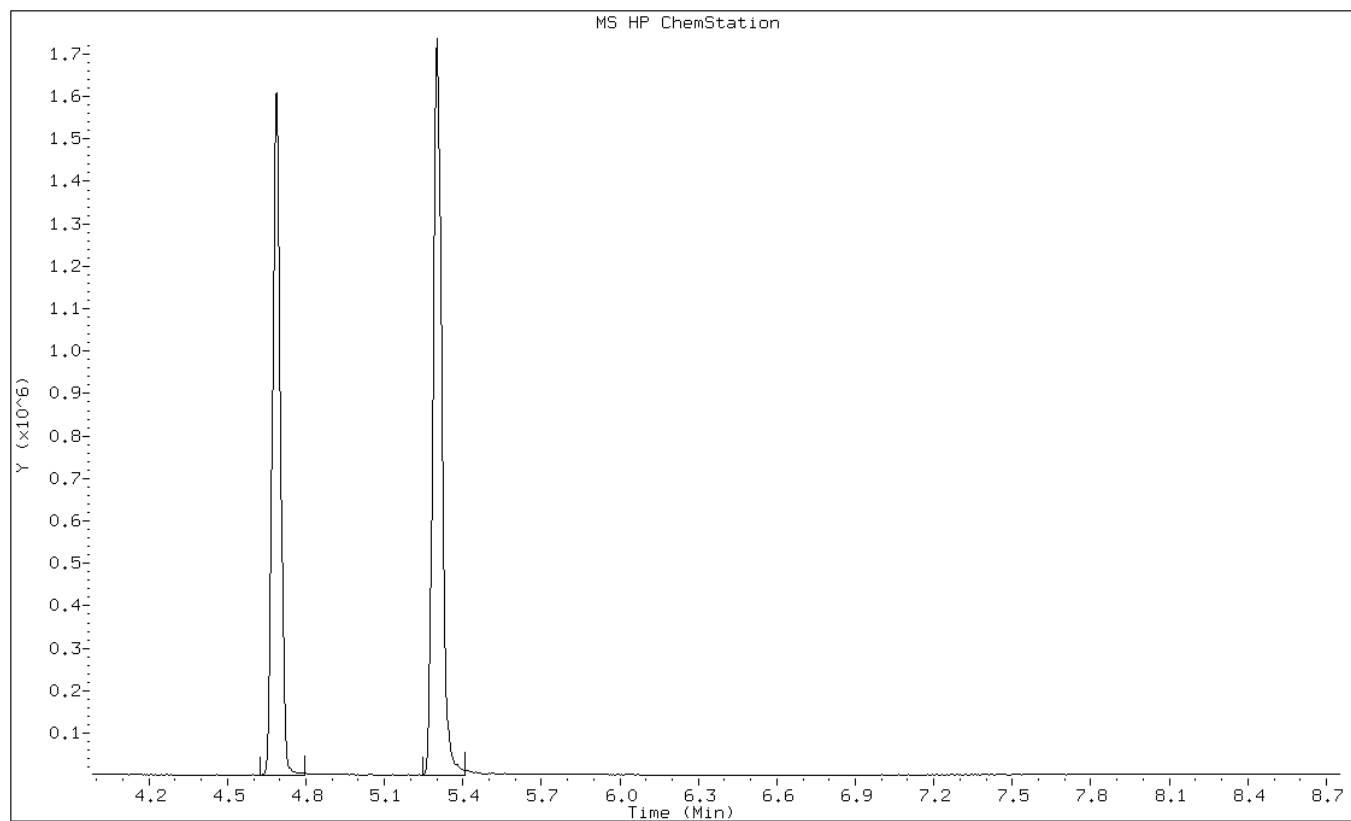
Date: 03-DEC-2012 11:32
 Instrument: B.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/B.i/Bsvr.p/bkuwto15.b/bkuw001.d
 Spectrum: Avg. Scans 247-249 (5.30), Background Scan 236
 Location of Maximum: 95.00
 Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1386	70.00	2117	107.00	348	141.00	2885
37.00	8743	71.00	35	110.00	153	142.00	330
38.00	8061	72.00	1342	111.00	171	143.00	3136
39.00	3316	73.00	11432	112.00	33	144.00	273
40.00	43	74.00	48440	113.00	184	145.00	272
43.00	101	75.00	154240	115.00	299	146.00	474
44.00	1100	76.00	13364	116.00	939	147.00	300
45.00	1829	77.00	1410	117.00	1804	148.00	944
46.00	108	78.00	716	118.00	989	149.00	297
47.00	2062	79.00	5356	119.00	1606	150.00	521
48.00	1117	80.00	2040	120.00	71	152.00	227
49.00	8927	81.00	6116	122.00	47	153.00	286
50.00	47304	82.00	1356	123.00	70	154.00	260
51.00	14263	83.00	146	124.00	190	155.00	989
52.00	496	86.00	184	125.00	81	156.00	138
55.00	472	87.00	10924	126.00	166	157.00	640
56.00	3564	88.00	10144	127.00	96	158.00	56
57.00	6253	91.00	865	128.00	1258	159.00	460
58.00	202	92.00	8529	129.00	637	161.00	425
60.00	2016	93.00	13790	130.00	1223	172.00	168
61.00	10447	94.00	36816	131.00	392	173.00	1906
62.00	11642	95.00	348864	132.00	34	174.00	343616
63.00	8989	96.00	23440	134.00	107	175.00	24656
64.00	881	97.00	660	135.00	513	176.00	334144
65.00	122	103.00	82	136.00	85	177.00	22088
67.00	671	104.00	1129	137.00	634	178.00	614
68.00	29040	105.00	503	139.00	91	208.00	45
69.00	28248	106.00	1019	140.00	235		

Data File: bkuw001.d
Client ID: BFB
Operator: pad
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 03-DEC-2012 11:32
Instrument: B.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.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: MB 200-48951/4
 Matrix: Air Lab File ID: bkuw004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 14:10
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.020
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.021
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.023
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-88-3	Toluene	92.14	0.20	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: MB 200-48951/4
 Matrix: Air Lab File ID: bkuw004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 14:10
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.016
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.011
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: MB 200-48951/4
 Matrix: Air Lab File ID: bkuw004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 14:10
 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.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.099
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.091
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-88-3	Toluene	92.14	0.75	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: MB 200-48951/4
 Matrix: Air Lab File ID: bkuw004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 14:10
 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.: 48951 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.069
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.076
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuwto15.b/bkuw004.d
Lab Smp Id: mb
Inj Date : 03-DEC-2012 14:10
Operator : pad
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/to15v5.m
Meth Date : 04-Dec-2012 15:27 pd
Cal Date : 01-NOV-2012 00:08
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.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

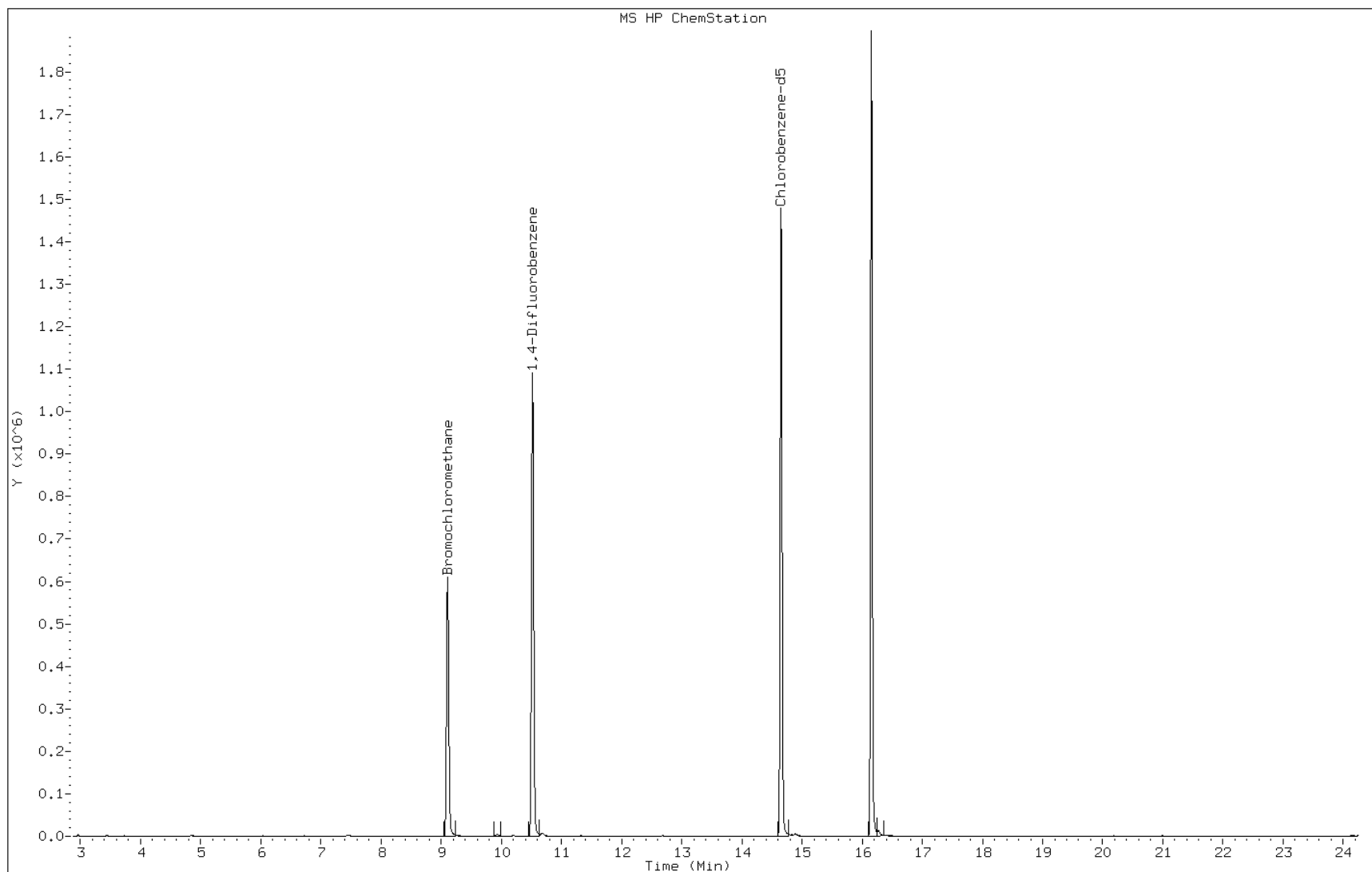
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50						
6 Butane	43						
7 Vinyl chloride	62						
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	FINAL
	MASS							(ppb v/v)	(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						Compound Not Detected.		
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						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.		
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	9.108	9.113	(1.000)		300143		10.0000	
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	10.517	10.522	(1.000)		1407562		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	14.653	14.658	(1.000)		1270574		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.		

Data File: bkuw004.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 03-DEC-2012 14:10
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: LCS 200-48951/3
 Matrix: Air Lab File ID: bkuw003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 13:18
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.44		0.50	0.020
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.19		0.20	0.020
75-01-4	Vinyl chloride	62.50	9.30		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	9.75		0.20	0.025
74-83-9	Bromomethane	94.94	9.02		0.20	0.027
75-00-3	Chloroethane	64.52	9.52		0.50	0.033
593-60-2	Bromoethene (Vinyl Bromide)	106.96	9.69		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	9.33		0.20	0.021
75-35-4	1,1-Dichloroethene	96.94	11.1		0.20	0.086
107-05-1	3-Chloropropene	76.53	9.53		0.50	0.047
75-09-2	Methylene Chloride	84.93	9.95		0.50	0.023
1634-04-4	Methyl tert-butyl ether	88.15	9.79		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	9.43		0.20	0.023
110-54-3	n-Hexane	86.17	9.70		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	9.55		0.20	0.023
156-59-2	cis-1,2-Dichloroethene	96.94	10.2		0.20	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	19.6		0.20	0.023
67-66-3	Chloroform	119.38	9.49		0.20	0.024
71-55-6	1,1,1-Trichloroethane	133.41	9.56		0.20	0.020
110-82-7	Cyclohexane	84.16	10.1		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	9.24		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	9.78		0.20	0.015
71-43-2	Benzene	78.11	9.70		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	9.38		0.20	0.018
142-82-5	n-Heptane	100.21	9.41		0.20	0.017
79-01-6	Trichloroethene	131.39	9.41		0.20	0.0092
78-87-5	1,2-Dichloropropane	112.99	9.12		0.20	0.023
75-27-4	Bromodichloromethane	163.83	9.92		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	9.68		0.20	0.013
108-88-3	Toluene	92.14	9.89		0.20	0.014
10061-02-6	trans-1,3-Dichloropropene	110.97	9.63		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	9.66		0.20	0.016
127-18-4	Tetrachloroethene	165.83	9.81		0.20	0.015

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

Lab Name: TestAmerica Burlington Job No.: 200-13910-1
 SDG No.: 200-13910
 Client Sample ID: _____ Lab Sample ID: LCS 200-48951/3
 Matrix: Air Lab File ID: bkuw003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/03/2012 13:18
 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.: 48951 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	208.29	10.8		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.014
100-41-4	Ethylbenzene	106.17	9.96		0.20	0.015
179601-23-1	m,p-Xylene	106.17	19.8		0.50	0.022
95-47-6	Xylene, o-	106.17	10.0		0.20	0.016
1330-20-7	Xylene (total)	106.17	29.8		0.20	0.016
75-25-2	Bromoform	252.75	10.7		0.20	0.0072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.74		0.20	0.011
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	9.84		0.20	0.019

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/B.i/Bsvr.p/bkuwto15.b/bkuw003.d
Lab Smp Id: lcs 410871
Inj Date : 03-DEC-2012 13:18
Operator : pad
Smp Info : lcs 410871
Misc Info : 200,1, lcs
Comment :
Method : /chem/B.i/Bsvr.p/bkuwto15.b/to15v5.m
Meth Date : 04-Dec-2012 15:27 pd
Cal Date : 01-NOV-2012 00:08
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: B.i
Quant Type: ISTD
Cal File: bku010.d
QC Sample: LCS
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						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ppb v/v)	(ppb v/v)
1 Propene	41		2.965	2.965	(0.326)	58671	9.45372	9.5
2 Dichlorodifluoromethane	85		3.013	3.013	(0.331)	422081	9.44351	9.4
3 Chlorodifluoromethane	51		3.045	3.045	(0.334)	169351	9.72576	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.200	3.200	(0.351)	418520	9.18677	9.2
5 Chloromethane	50		3.307	3.301	(0.363)	87402	9.35646	9.4
6 Butane	43		3.446	3.446	(0.378)	150326	9.31304	9.3
7 Vinyl chloride	62		3.478	3.478	(0.382)	125425	9.29607	9.3
8 1,3-Butadiene	54		3.531	3.531	(0.388)	92993	9.74795	9.7
9 Bromomethane	94		4.065	4.065	(0.446)	181802	9.02265	9.0
10 Chloroethane	64		4.262	4.262	(0.468)	85231	9.51565	9.5
11 2-Methylbutane	43		4.332	4.337	(0.476)	160285	9.28346	9.3
12 Vinyl bromide	106		4.625	4.625	(0.508)	237996	9.69403	9.7
13 Trichlorofluoromethane	101		4.721	4.716	(0.518)	652856	9.33120	9.3
14 Pentane	43		4.849	4.844	(0.532)	254552	9.07800	9.1

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
15 Ethanol	45	5.244	5.223	(0.576)	100893	17.3924	17
16 Ethyl ether	59	5.324	5.324	(0.585)	145467	9.32410	9.3
17 1,1,2-Trichloro-1,2,2-trifluo	101	5.703	5.708	(0.626)	558416	10.4820	10
18 Acrolein	56	5.666	5.671	(0.622)	57869	7.51376	7.5
19 1,1-Dichloroethene	96	5.767	5.767	(0.633)	276642	11.0744	11
20 Acetone	43	5.943	5.943	(0.653)	281811	9.67689	9.7
21 Carbon disulfide	76	6.173	6.178	(0.678)	707162	10.0706	10
22 Isopropanol	45	6.237	6.221	(0.685)	203258	9.62037	9.6
23 Allyl chloride	41	6.450	6.450	(0.708)	203095	9.53132	9.5
24 Acetonitrile	41	6.525	6.530	(0.716)	113174	9.07591	9.1
25 Methylene chloride	49	6.706	6.712	(0.736)	198931	9.95444	10
26 Tert-butyl alcohol	59	6.936	6.936	(0.762)	372484	9.61593	9.6
27 Methyl tert-butyl ether	73	7.085	7.091	(0.778)	715157	9.79232	9.8
28 1,2-Dichloroethene (trans)	61	7.112	7.112	(0.781)	314863	9.43455	9.4
29 Acrylonitrile	53	7.197	7.197	(0.790)	133802	9.98599	10
30 n-Hexane	57	7.438	7.443	(0.817)	320743	9.70344	9.7
31 1,1-Dichloroethane	63	7.838	7.843	(0.861)	391596	9.55031	9.6
32 Vinyl acetate	43	7.870	7.875	(0.864)	404462	8.91250	8.9
M 33 1,2-Dichloroethene,Total	61				604539	19.6467	20
34 1,2-Dichloroethene (cis)	96	8.745	8.750	(0.960)	289676	10.2122	10
35 Ethyl acetate	88	8.782	8.788	(0.964)	23050	9.85869	9.9
36 Methyl Ethyl Ketone	72	8.761	8.761	(0.962)	117526	9.68590	9.7(Q)
* 37 Bromochloromethane	128	9.108	9.113	(1.000)	293794	10.0000	
38 Tetrahydrofuran	42	9.140	9.151	(0.869)	182895	9.60768	9.6
39 Chloroform	83	9.193	9.193	(1.009)	543208	9.49112	9.5
40 Cyclohexane	84	9.444	9.450	(0.898)	366254	10.0510	10
41 1,1,1-Trichloroethane	97	9.434	9.434	(0.897)	608825	9.56493	9.6
42 Carbon tetrachloride	117	9.636	9.642	(0.916)	659140	9.24060	9.2
43 2,2,4-Trimethylpentane	57	9.930	9.930	(0.944)	996395	9.77579	9.8
44 Benzene	78	9.962	9.967	(0.947)	759995	9.70153	9.7
45 1,2-Dichloroethane	62	10.069	10.074	(0.957)	322097	9.38044	9.4
46 n-Heptane	43	10.197	10.202	(0.969)	313623	9.40807	9.4
* 47 1,4-Difluorobenzene	114	10.522	10.522	(1.000)	1351785	10.0000	
48 n-Butanol	56	10.827	10.821	(1.029)	91567	8.80776	8.8
49 Trichloroethene	95	10.880	10.885	(1.034)	375261	9.40762	9.4
50 1,2-Dichloropropane	63	11.243	11.248	(1.068)	233878	9.11526	9.1
51 Methyl methacrylate	69	11.323	11.323	(1.076)	257120	9.94878	9.9
52 Dibromomethane	174	11.430	11.435	(1.086)	413296	9.90122	9.9
53 1,4-Dioxane	88	11.430	11.430	(1.086)	111988	9.37335	9.4
54 Bromodichloromethane	83	11.616	11.616	(1.104)	613221	9.91615	9.9
55 1,3-Dichloropropene (cis)	75	12.241	12.241	(1.163)	417631	9.68373	9.7
56 Methyl isobutyl ketone	43	12.422	12.428	(1.181)	404335	9.89448	9.9
57 n-Octane	43	12.673	12.678	(1.204)	419038	9.47170	9.5
58 Toluene	92	12.662	12.668	(0.864)	599097	9.89436	9.9
59 1,3-Dichloropropene (trans)	75	13.036	13.041	(1.239)	447750	9.62562	9.6
60 1,1,2-Trichloroethane	83	13.303	13.303	(0.908)	270318	9.65889	9.7
61 Tetrachloroethene	166	13.431	13.431	(0.916)	620560	9.80855	9.8

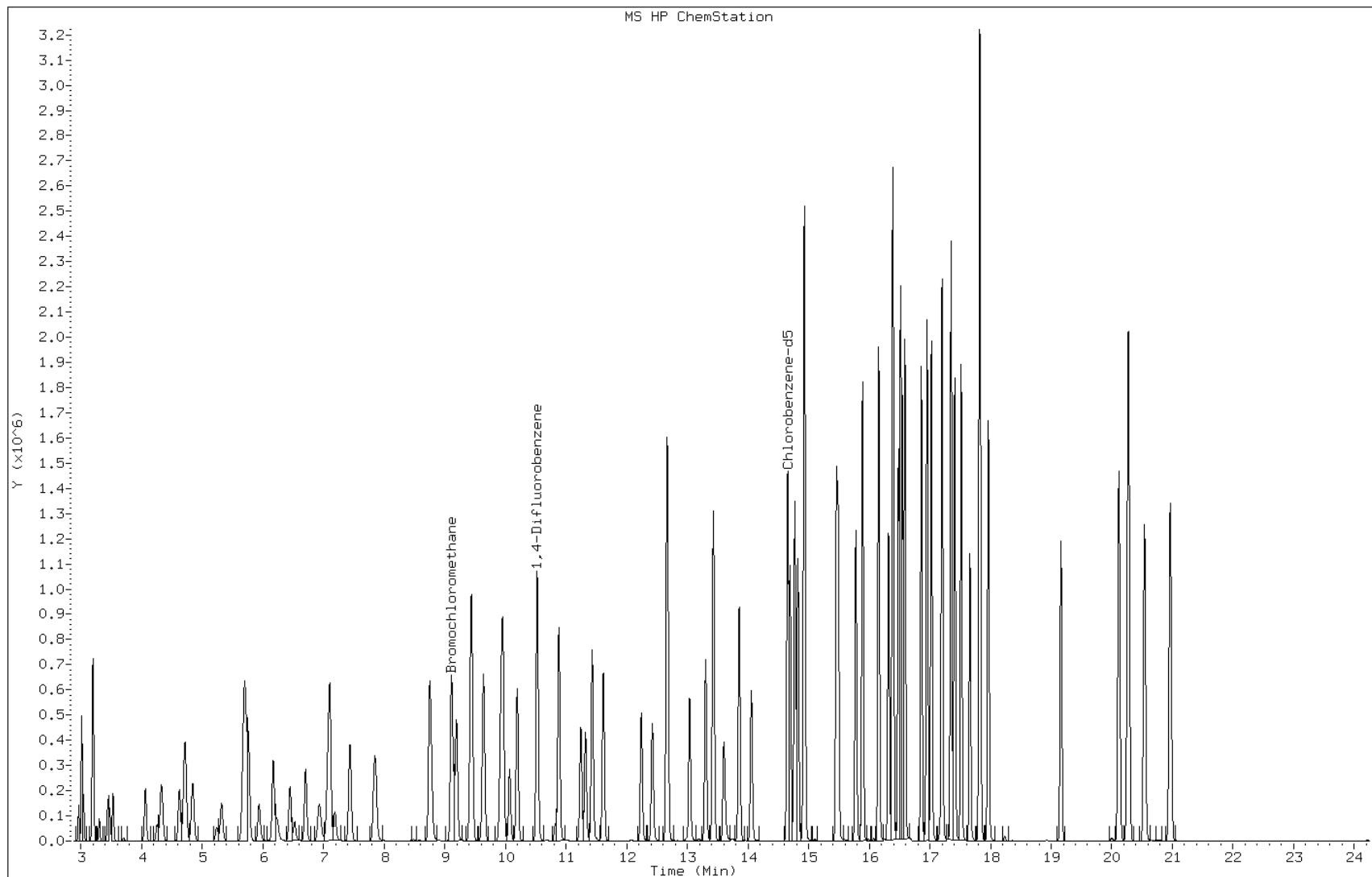
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.602	13.607	(0.928)	384456	10.1047	10
63 Dibromochloromethane	129	13.858	13.858	(0.945)	742546	10.8114	11
64 1,2-Dibromoethane	107	14.055	14.061	(0.959)	582390	10.0159	10
* 65 Chlorobenzene-d5	117	14.658	14.658	(1.000)	1194726	10.0000	
66 Chlorobenzene	112	14.696	14.696	(1.003)	877838	9.75280	9.8
67 n-Nonane	57	14.824	14.829	(1.011)	480292	9.86394	9.9
68 Ethylbenzene	91	14.776	14.776	(1.008)	1349592	9.96179	10
69 Xylene (m,p)	106	14.931	14.936	(1.019)	1107018	19.8032	20
M 70 Xylenes, Total	106				1652953	29.8446	30
71 Xylene (o)	106	15.459	15.464	(1.055)	545935	10.0414	10
72 Styrene	104	15.491	15.491	(1.057)	841674	10.4003	10
73 Bromoform	173	15.779	15.784	(1.076)	771213	10.6598	11
74 Isopropylbenzene	105	15.891	15.897	(1.084)	1641978	10.2380	10
75 1,1,2,2-Tetrachloroethane	83	16.318	16.323	(1.113)	713803	9.74437	9.7
76 n-Propylbenzene	91	16.388	16.388	(1.118)	1796352	10.0995	10
77 1,2,3-Trichloropropane	75	16.398	16.398	(1.119)	542036	10.2669	10
78 n-Decane	57	16.484	16.489	(1.125)	611682	10.0802	10
79 4-Ethyltoluene	105	16.516	16.521	(1.127)	1700865	10.4582	10
80 2-Chlorotoluene	91	16.548	16.553	(1.129)	1480091	10.1889	10
81 1,3,5-Trimethylbenzene	105	16.590	16.590	(1.132)	1381862	9.84263	9.8
82 Alpha Methyl Styrene	118	16.863	16.863	(1.150)	748592	10.9065	11
83 tert-butylbenzene	119	16.953	16.959	(1.157)	1397927	10.2151	10
84 1,2,4-Trimethylbenzene	105	17.028	17.028	(1.162)	1351698	9.74968	9.7
85 sec-Butylbenzene	105	17.204	17.204	(1.174)	2019399	9.90481	9.9
86 4-Isopropyltoluene	119	17.354	17.354	(1.184)	1794540	10.3791	10
87 1,3-Dichlorobenzene	146	17.412	17.418	(1.188)	1022579	9.70542	9.7
88 1,4-Dichlorobenzene	146	17.519	17.524	(1.195)	1037763	9.68210	9.7
89 Benzyl chloride	91	17.663	17.668	(1.205)	1037223	8.88123	8.9
90 Undecane	57	17.823	17.823	(1.216)	618408	10.6238	11
91 n-Butylbenzene	91	17.829	17.834	(1.216)	1415284	10.0991	10
92 1,2-Dichlorobenzene	146	17.967	17.973	(1.226)	972301	9.51027	9.5
93 Dodecane	57	19.157	19.163	(1.307)	543266	11.0451	11
94 1,2,4-Trichlorobenzene	180	20.118	20.118	(1.372)	842778	10.5308	11
95 1,3-Hexachlorobutadiene	225	20.273	20.278	(1.383)	764096	9.43647	9.4
96 Naphthalene	128	20.540	20.545	(1.401)	1797674	11.0635	11
97 1,2,3-Trichlorobenzene	180	20.961	20.967	(1.430)	833973	11.6208	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: bkuw003.d
Client ID:
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 410871
Lab Sample ID: lcs 410871

Date: 03-DEC-2012 13:18
Instrument: B.i
Inj Vol: 200.0
Diameter: 0.32



442421

47669

Sequence

Target Batch ID: 15KU

Start Date: 10/31/12

Time: 1615

Test Method: 1015

End Date: 11/1/12

Time: 1615

ICAL Date: 10/31/12

ISTD Container ID: 2-180000

Test Container ID: See comments

CCV Container ID: See comments

ICV/LCS Container ID: See comments

Column Type: RTX-624

Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.

Blank Phosphors WEP William Davis-Jones u11102

Point of Failure Allen H. Gaudin

Angela H. Keeney AHK

Angela H. Keeney

Sequence Information

Individual Sample Review

Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1615	15KU001	NA	BFB	NA	NA	NA	WMD	NA	✓	AHK	
1709		11632	blank		4	200		✓	✓		398985
1801		2680	IC level 8		5	40		✓	✓		
1853		2680	IC level 1		5	200		✓	✓		
1946		3197	IC level 2		6	200		✓	✓		393988
2038		3155	IC level 3		7	200		✓	✓		393951
2131		3308	IC level 4		1	200		✓	✓		408689
2223		4947	IC level 5		2	200		✓	✓		393949
2315		3642	IC level 6		3	200		✓	✓		393948
0025		2749	IC level 7		8	200		✓	✓	WMD	393948
0100		4632	V1BLK		4	200		✓	✓		393946
0153		4632	V1BLK		4	200		✓	✓		
0245		3649	ICV		9	200		✓	✓		410869
0338		4632	V1BLK		4	200		✓	✓		
0430		3649	LCS		9	200		✓	✓		410869
0520		4632	M13		4	200		✓	✓		
0641		3722	13506-2	1	10	200	WMD	✓	✓		5/0 - 100%
0940		4221	13455-6	0.2	11	1000		✓	✓	AHK	
1033		4222	13484-2	2.59	12	617		✓	✓		
1125		2206	13484-100	1	13	200		✓	✓		
1219		3212	13506-2	1	10	200		✓	✓		
1310		4245	13507-4	6.5	14	133		✓	✓		
1403		4255	13507-100	6.5	14	133		✓	✓		
1501		3429	13461-4	0.2	15	1000		✓	✓		
1601		4110	13458-11	0.2	16	1000		✓	✓		

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

GC/MS Air Instrument Run Log

Sequence		Standard Traceability		Instrument Information	
Target Batch ID: BJKUW	Start Date: 12/13/12 Time: 1132	ISTD Container ID: 248000		Instrument ID: B	
Test Method: T015	End Date: 12/14/12 Time: 1132	CCV Container ID: 408687		Instrument: 5973	
ICAL Date: 10/31/12 (47421)		ICV/LCS Container ID: 410871		Column Type: RTX-624	
Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.					

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.			
1132	SKJW 001	N/A	BFB	N/A	1	200	PHD	N/A	✓	PHD	PG-		
1226	002	3643	CCVIS	✓	2	200		✓	✓		PG-		
1318	003	4943	LCS	✓	3	200		✓	✓				
1410	004	4632	MB	✓	4	1000		✓	✓				
1510	005	3427	13925-10	0.2	5	1000		✓	✓				
1609	006	4168	13920-1	0.2	6	200		✓	✓		C		
1701	007	2643	13911-01	1	7	200		✓	✓		C		
1753	008	2843	✓ -02	1	8	200		✓	✓		C		
1845	009	2911	13712-01	1	9	200		✓	✓		C		
1938	010	4338	✓ -02	1	10	200		✓	✓		C		
2030	011	3434	13710-01	10	11	200		✓	✓		C		
2122	012	3009	✓ -03	1	12	200		✓	✓		C		
2214	013	2653	✓ -05	1	13	200		✓	✓		C		
2306	014	4321	13909-02	1	14	200		✓	✓		1512570 ✓, not used C		
2358	015 4432	3073	conditioner	N/A	15	200		✓	✓				
0051	016 3073	2538	13939-01	1	16	200		✓	✓		C Ties ✓		
0143	017	2538	✓ -02	✓	1	✓		✓	✓		C Ties ✓		
0235	018	2868	✓ -03	✓	1	✓		✓	✓		C Ties ✓		
0327	019	1432	conditioner	NA	14	200	HHH	✓	✓				
0419	020	3243	450-5070-01	1	2	200		✓	✓		C		
0512	021	5062	✓ -03	1	3	200		✓	✓		C		
0611	022	2486	13750-07	0.2	4	1000		✓	✓				
0703	023	4432	conditioner	NA	14	200		✓	✓				
0802	024	4346	13870-08	0.2	45	1000		✓	✓				
0901	025	4430	✓ -06	0.2	6	✓		✓	✓				

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

Sequence	Standard Traceability	Instrument Information
Target Batch ID: P3K003	Start Date: 12/10/12 Time: 1132	Instrument ID: B
Test Method: T015	End Date: 12/14/12 Time: 1137	Instrument: 5973
ICAL Date: 12/31/12	ICV/LCS Container ID:	Column Type: RTX-624
Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.		

Sequence Information							Individual Sample Review				
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
0953 10/5	BLWS 026 L 027	4159 4319	13142-01 L-02	10 10	7 8	20 20	ATHL J	✓ ✓	✓ ✓	QAD J	C C
12/04/12 QAD											

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

BRFAI002:04.03.12:8
TestAmerica Burlington

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AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-13910-1SDG No.: 200-13910Instrument ID: B.iStart Date: 10/31/2012 16:15Analysis Batch Number: 47421End Date: 11/01/2012 16:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-47421/1		10/31/2012 16:15	1	bku001.d	RTX-624 0.32 (mm)
VIBLK 200-47421/2		10/31/2012 17:09	1		RTX-624 0.32 (mm)
IC 200-47421/3		10/31/2012 18:01	1	bku003.d	RTX-624 0.32 (mm)
IC 200-47421/4		10/31/2012 18:53	1	bku004.d	RTX-624 0.32 (mm)
IC 200-47421/5		10/31/2012 19:46	1	bku005.d	RTX-624 0.32 (mm)
IC 200-47421/6		10/31/2012 20:38	1	bku006.d	RTX-624 0.32 (mm)
ICIS 200-47421/7		10/31/2012 21:31	1	bku007.d	RTX-624 0.32 (mm)
IC 200-47421/8		10/31/2012 22:23	1	bku008.d	RTX-624 0.32 (mm)
IC 200-47421/9		10/31/2012 23:15	1	bku009.d	RTX-624 0.32 (mm)
IC 200-47421/10		11/01/2012 00:08	1	bku010.d	RTX-624 0.32 (mm)
VIBLK 200-47421/11		11/01/2012 01:00	1		RTX-624 0.32 (mm)
VIBLK 200-47421/12		11/01/2012 01:53	1		RTX-624 0.32 (mm)
ICV 200-47421/13		11/01/2012 02:45	1	bku013.d	RTX-624 0.32 (mm)
VIBLK 200-47421/14		11/01/2012 03:38	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 04:30	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 05:22	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 08:41	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 09:40	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 10:33	2.99		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 11:25	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 12:17	1		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 13:10	1.5		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 14:02	1.5		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 15:01	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/01/2012 16:01	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-13910-1SDG No.: 200-13910Instrument ID: B.iStart Date: 12/03/2012 11:32Analysis Batch Number: 48951End Date: 12/04/2012 10:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-48951/1		12/03/2012 11:32	1	bkuw001.d	RTX-624 0.32 (mm)
CCVIS 200-48951/2		12/03/2012 12:26	1	bkuw002.d	RTX-624 0.32 (mm)
LCS 200-48951/3		12/03/2012 13:18	1	bkuw003.d	RTX-624 0.32 (mm)
MB 200-48951/4		12/03/2012 14:10	1	bkuw004.d	RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 15:10	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 16:09	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 17:01	1		RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 17:53	1		RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 18:45	1		RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 19:38	1		RTX-624 0.32 (mm)
200-13910-1	SSV-1	12/03/2012 20:30	10	bkuw011.d	RTX-624 0.32 (mm)
200-13910-3	SSV-2	12/03/2012 21:22	1	bkuw012.d	RTX-624 0.32 (mm)
200-13910-5	SSV-3	12/03/2012 22:14	1	bkuw013.d	RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 23:06	1		RTX-624 0.32 (mm)
ZZZZZ		12/03/2012 23:58	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 00:51	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 01:43	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 02:35	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 03:27	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 04:19	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 05:12	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 06:11	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 07:03	1		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 08:02	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 09:01	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 09:53	10		RTX-624 0.32 (mm)
ZZZZZ		12/04/2012 10:45	10		RTX-624 0.32 (mm)

Client ID	TALS Job	Date	Time (Military)	Lab BP (mmHg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
CHA 1011	13910	11/30/12	15:05	29.1	21	69	SCD

Post-Sampling Return Pressure Check

¹ Criteria: Return Pressure should be between -1 and -10 ("Hg)
² If return pressure is not within criteria, initiate anomaly report.
³ Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

12/12/2012

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		10		11/6/12		S		6L 1L 3L	
Leak Test									
Port	Can ID	Initial ¹	Final	Adjusted Initial ²	Difference ³	Initial Reading		Final Reading	
		("Hg)	("Hg)	("Hg)		Gauge ID:	Gauge ID:		
1	3645	29.3	29.7	-29.7	0.0	Date: 11/7/12	Date: 11/20/12		
2	4310					Time: 0830	Time: 1740		
3	3434					Tech: S	Tech: C		
37/2	2602					BP: 29.5 ("Hg)	BP: 29.8 ("Hg)		
5	3138					Temp 21 (°C)	Temp: 21 (°C)		
6	3609					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: PM Authorization:			
7	2605								
8	2861								
9	4379								
10	4874								
11	2683					Signature			
12	2543					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	
2861	11/9/12	CLAAA	WNO						11/13/12	JBO	

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:



200-13587-A-8

2861

Location: Air-Storage

Bottle: Summa Canister 6L

Sampled: 11/6/2012 12:00 AM 200-419582

Loc: 200

13587

#8

A

BR-FAI023-10-19-08

TestAmerica

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

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: claaa003.d
 Lab ID: LCS 200-47908/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.27	83	70-130	
Dichlorodifluoromethane	10.0	11.5	115	70-130	
Freon 22	10.0	10.5	105	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.7	107	70-130	
Chloromethane	10.0	8.95	89	70-130	
n-Butane	10.0	9.17	92	70-130	
Vinyl chloride	10.0	9.57	96	70-130	
1,3-Butadiene	10.0	9.71	97	70-130	
Bromomethane	10.0	10.6	106	70-130	
Chloroethane	10.0	9.03	90	70-130	
Bromoethene (Vinyl Bromide)	10.0	10.1	101	70-130	
Trichlorofluoromethane	10.0	11.2	112	70-130	
Ethanol	15.0	13.5	90	70-130	
Freon TF	10.0	10.9	109	70-130	
1,1-Dichloroethene	10.0	10.5	105	70-130	
Acetone	10.0	8.58	86	70-130	
Isopropyl alcohol	10.0	7.67	77	70-130	
Carbon disulfide	10.0	8.99	90	70-130	
3-Chloropropene	10.0	8.50	85	70-130	
Methylene Chloride	10.0	9.49	95	70-130	
tert-Butyl alcohol	10.0	8.99	90	70-130	
Methyl tert-butyl ether	10.0	8.99	90	70-130	
trans-1,2-Dichloroethene	10.0	9.38	94	70-130	
n-Hexane	10.0	8.33	83	70-130	
1,1-Dichloroethane	10.0	9.16	92	70-130	
Vinyl acetate	10.0	7.41	74	70-130	
Ethyl acetate	10.0	8.26	83	70-130	
Methyl Ethyl Ketone	10.0	7.41	74	70-130	
cis-1,2-Dichloroethene	10.0	9.47	95	70-130	
Chloroform	10.0	10.0	100	70-130	
Tetrahydrofuran	10.0	7.46	75	70-130	
1,1,1-Trichloroethane	10.0	11.2	112	70-130	
Cyclohexane	10.0	9.69	97	70-130	
Carbon tetrachloride	10.0	11.5	115	70-130	
2,2,4-Trimethylpentane	10.0	8.89	89	70-130	
Benzene	10.0	9.08	91	70-130	
1,2-Dichloroethane	10.0	11.1	111	70-130	
n-Heptane	10.0	8.34	83	70-130	
Trichloroethene	10.0	9.97	100	70-130	
Methyl methacrylate	10.0	8.08	81	70-130	
1,2-Dichloropropane	10.0	8.42	84	70-130	
1,4-Dioxane	10.0	7.33	73	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.: 200-13587-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: claaa003.d
 Lab ID: LCS 200-47908/3 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	9.23	92	70-130	
methyl isobutyl ketone	10.0	8.01	80	70-130	
Toluene	10.0	9.66	97	70-130	
trans-1,3-Dichloropropene	10.0	9.28	93	70-130	
1,1,2-Trichloroethane	10.0	9.43	94	70-130	
Tetrachloroethene	10.0	10.3	103	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	8.60	86	70-130	
Dibromochloromethane	10.0	12.0	120	70-130	
1,2-Dibromoethane	10.0	10.5	105	70-130	
Chlorobenzene	10.0	10.0	100	70-130	
Ethylbenzene	10.0	9.93	99	70-130	
m,p-Xylene	20.0	19.2	96	70-130	
Xylene, o-	10.0	9.53	95	70-130	
Styrene	10.0	9.95	100	70-130	
Bromoform	10.0	11.1	111	70-130	
Cumene	10.0	10.3	103	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.91	89	70-130	
n-Propylbenzene	10.0	9.98	100	70-130	
4-Ethyltoluene	10.0	10.5	105	70-130	
1,3,5-Trimethylbenzene	10.0	9.97	100	70-130	
2-Chlorotoluene	10.0	10.6	106	70-130	
tert-Butylbenzene	10.0	10.4	104	70-130	
1,2,4-Trimethylbenzene	10.0	9.66	97	70-130	
sec-Butylbenzene	10.0	10.1	101	70-130	
4-Isopropyltoluene	10.0	10.2	102	70-130	
1,3-Dichlorobenzene	10.0	9.09	91	70-130	
1,4-Dichlorobenzene	10.0	8.82	88	70-130	
Benzyl chloride	10.0	7.66	77	70-130	
n-Butylbenzene	10.0	8.86	89	70-130	
1,2-Dichlorobenzene	10.0	8.95	90	70-130	
1,2,4-Trichlorobenzene	10.0	9.82	98	70-130	
Hexachlorobutadiene	10.0	8.42	84	70-130	
Naphthalene	10.0	11.1	111	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.: 200-13587-1
SDG No.: _____
Lab File ID: claaa004.d Lab Sample ID: MB 200-47908/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: C.i Date Analyzed: 11/09/2012 12:32
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 200-47908/3	claaa003.d	11/09/2012 11:42
2861	200-13587-8	claaa025.d	11/10/2012 06:26

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

Lab Name: TestAmerica Burlington Job No.: 200-13587-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-47908/4

Matrix: Air Lab File ID: claaa004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: _____ Date Analyzed: 11/09/2012 12:32

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.: 47908 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.: 200-13587-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-47908/4
 Matrix: Air Lab File ID: claaa004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: _____ Date Analyzed: 11/09/2012 12:32
 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.: 47908 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.: 200-13587-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-47908/4
Matrix: Air Lab File ID: claaa004.d
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: _____ Date Analyzed: 11/09/2012 12:32
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.: 47908 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/C.i/Csvr.p/claaat15.b/claaa004.d
Lab Smp Id: mb
Inj Date : 09-NOV-2012 12:32
Operator : wrd
Smp Info : mb
Misc Info : mb
Comment :
Method : /chem/C.i/Csvr.p/claaat15.b/to15v5.m
Meth Date : 12-Nov-2012 17:31 wrd
Cal Date : 19-SEP-2012 20:06
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6
Inst ID: C.i
Quant Type: ISTD
Cal File: cla010.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	0.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(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					Compound Not Detected.		
6 Butane	43					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.		
11 2-Methylbutane	43					Compound Not Detected.		
12 Vinyl bromide	106					Compound Not Detected.		
13 Trichlorofluoromethane	101					Compound Not Detected.		
14 Pentane	43					Compound Not Detected.		

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				Compound Not Detected.		
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	9.139	9.150	(0.759)	6016	0.24925	0.25(a)
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	12.042	12.069	(1.000)	348326	10.0000	
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	13.868	13.894	(1.000)	1921888	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.		

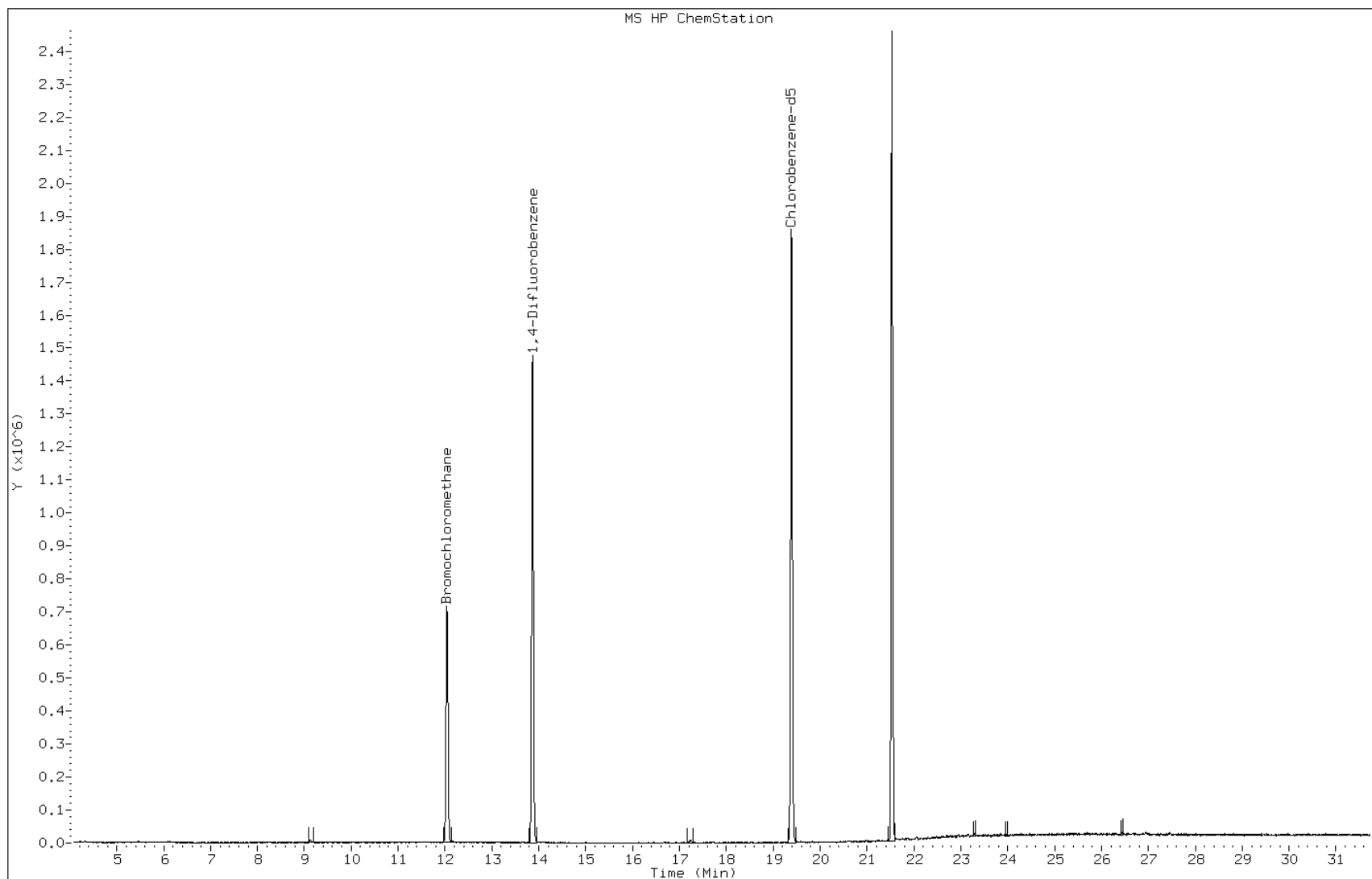
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43				Compound Not Detected.		
63 Dibromochloromethane	129				Compound Not Detected.		
64 1,2-Dibromoethane	107				Compound Not Detected.		
* 65 Chlorobenzene-d5	117	19.386	19.418	(1.000)	1833563	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	26.452	26.484	(1.364)	2656	0.05644	0.056(a)
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		
96 Naphthalene	128	26.959	26.975	(1.391)	9892	0.09584	0.096(a)
97 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

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

Data File: claaa004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 09-NOV-2012 12:32
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
 SDG No.: _____
 Lab File ID: cla001.d BFB Injection Date: 09/19/2012
 Instrument ID: C.i BFB Injection Time: 12:05
 Analysis Batch No.: 45233

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.0
75	30.0 - 66.0% of mass 95	45.0
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	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	81.4
175	4.0 - 9.0 % of mass 174	5.8 (7.1) 1
176	93.0 - 101.0% of mass 174	78.8 (96.7) 1
177	5.0 - 9.0% of mass 176	5.0 (6.4) 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 200-45233/3	cla003.d	09/19/2012	13:52
	IC 200-45233/4	cla004.d	09/19/2012	14:45
	IC 200-45233/5	cla005.d	09/19/2012	15:38
	IC 200-45233/6	cla006.d	09/19/2012	16:32
	ICIS 200-45233/7	cla007.d	09/19/2012	17:25
	IC 200-45233/8	cla008.d	09/19/2012	18:19
	IC 200-45233/9	cla009.d	09/19/2012	19:13
	IC 200-45233/10	cla010.d	09/19/2012	20:06
	ICV 200-45233/14	cla014.d	09/20/2012	09:17

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
 SDG No.: _____
 Lab File ID: claaa001.d BFB Injection Date: 11/09/2012
 Instrument ID: C.i BFB Injection Time: 10:00
 Analysis Batch No.: 47908

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.3
75	30.0 - 66.0% of mass 95	51.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	81.8
175	4.0 - 9.0 % of mass 174	5.7 (6.9) 1
176	93.0 - 101.0% of mass 174	77.3 (94.5) 1
177	5.0 - 9.0% of mass 176	4.9 (6.4) 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 200-47908/2	claaa002.d	11/09/2012	10:51
	LCS 200-47908/3	claaa003.d	11/09/2012	11:42
	MB 200-47908/4	claaa004.d	11/09/2012	12:32
2861	200-13587-8	claaa025.d	11/10/2012	06:26

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

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
SDG No.: _____
Sample No.: ICIS 200-45233/7 Date Analyzed: 09/19/2012 17:25
Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): cla007.d Heated Purge: (Y/N) N
Calibration ID: 17700

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	349260	12.07	1926691	13.89	1809194	19.42
UPPER LIMIT	488964	12.40	2697367	14.22	2532872	19.75
LOWER LIMIT	209556	11.74	1156015	13.56	1085516	19.09
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-45233/14		372273	12.07	2112167	13.89	1994790 19.41

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.: 200-13587-1
 SDG No.: _____
 Sample No.: CCVIS 200-47908/2 Date Analyzed: 11/09/2012 10:51
 Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): claaa002.d Heated Purge: (Y/N) N
 Calibration ID: 17700

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		402166	12.04	2173856	13.87	2072164	19.39
UPPER LIMIT		563032	12.37	3043398	14.20	2901030	19.72
LOWER LIMIT		241300	11.71	1304314	13.54	1243298	19.06
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 200-47908/3		412738	12.04	2194249	13.87	1904563	19.39
MB 200-47908/4		348326	12.04	1921888	13.87	1833563	19.39
200-13587-8	2861	294434	12.04	1683779	13.87	1347940	19.39

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.: 200-13587-1

SDG No.: _____

Client Sample ID: 2861 Lab Sample ID: 200-13587-8

Matrix: Air Lab File ID: claaa025.d

Analysis Method: TO-15 Date Collected: 11/06/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 11/10/2012 06:26

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.: 47908 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.: 200-13587-1

SDG No.: _____

Client Sample ID: 2861 Lab Sample ID: 200-13587-8

Matrix: Air Lab File ID: claaa025.d

Analysis Method: TO-15 Date Collected: 11/06/2012 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2012 06:26

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.: 47908 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.: 200-13587-1
SDG No.: _____
Client Sample ID: 2861 Lab Sample ID: 200-13587-8
Matrix: Air Lab File ID: claaa025.d
Analysis Method: TO-15 Date Collected: 11/06/2012 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2012 06:26
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.: 47908 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: 200-13587-8
Client Smp ID: 2861
Inj Date : 10-NOV-2012 06:26
Operator : wrd
Smp Info : 200-13587-A-8
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/C.i/Csvr.p/claaat15.b/to15v5.m
Meth Date : 12-Nov-2012 17:31 wrd
Cal Date : 19-SEP-2012 20:06
Als bottle: 7
Dil Factor: 0.20000
Integrator: HP RTE
Target Version: 3.50
Processing Host: chemsvr6

Inst ID: C.i
Quant Type: ISTD
Cal File: cla010.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

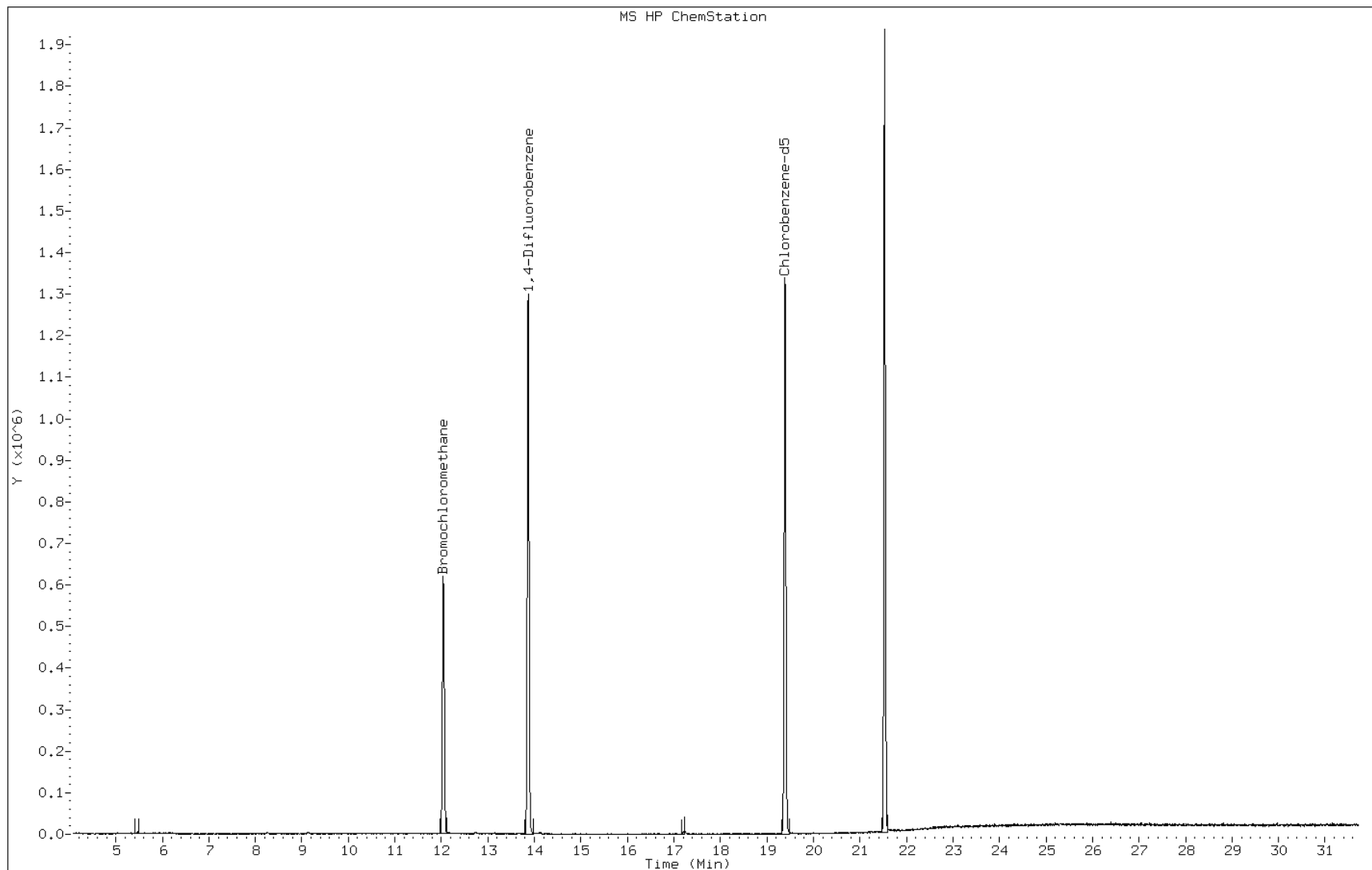
Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41							
2 Dichlorodifluoromethane	85							
3 Chlorodifluoromethane	51							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50							
6 Butane	43							
7 Vinyl chloride	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	FINAL
	MASS							(ppb v/v)	(ppb v/v)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
19 1,1-Dichloroethene	96						Compound Not Detected.		
20 Acetone	43						Compound Not Detected.		
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	12.042	12.069	(1.000)		294434		10.0000	
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	13.868	13.894	(1.000)		1683779		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	19.386	19.418	(1.000)		1347940		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.				

Data File: claaa025.d
Client ID: 2861
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-13587-A-8
Lab Sample ID: 200-13587-8

Date: 10-NOV-2012 06:26
Instrument: C.i
Inj Vol: 200.0
Diameter: 0.32



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

Lab Name: TestAmerica Burlington Job No.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-45233/3	cla003.d
Level 2	IC 200-45233/4	cla004.d
Level 3	IC 200-45233/5	cla005.d
Level 4	IC 200-45233/6	cla006.d
Level 5	ICIS 200-45233/7	cla007.d
Level 6	IC 200-45233/8	cla008.d
Level 7	IC 200-45233/9	cla009.d
Level 8	IC 200-45233/10	cla010.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	++++ 0.4409	++++ 0.4330	0.5358 0.4155	0.5066	0.4498	Ave		0.4636				10.1		30.0			
Dichlorodifluoromethane	++++ 2.5306	++++ 2.4825	2.6252 2.3962	2.7603	2.4875	Ave		2.5470				5.0		30.0			
Freon 22	++++ 1.1012	++++ 1.0787	1.1789 1.0398	1.2345	1.0965	Ave		1.1216				6.4		30.0			
1,2-Dichlorotetrafluoroethane	++++ 2.5120	2.7741 2.4832	2.5096 2.4249	2.6601	2.4589	Ave		2.5461				4.9		30.0			
Chloromethane	++++ 0.5287	++++ 0.5233	0.5863 0.5064	0.5682	0.5331	Ave		0.5410				5.6		30.0			
n-Butane	++++ 0.9035	++++ 0.9262	0.8697 0.8987	0.9793	0.9184	Ave		0.9159				4.0		30.0			
1,3-Butadiene	++++ 0.4964	0.5014 0.5088	0.4605 0.4990	0.5046	0.4799	Ave		0.4930				3.4		30.0			
Vinyl chloride	0.8301 0.7059	0.7308 0.7196	0.6926 0.7065	0.7218	0.6968	Ave		0.7255				6.1		30.0			
Bromomethane	++++ 0.7922	0.8695 0.7806	0.8166 0.7650	0.8321	0.7246	Ave		0.7972				5.9		30.0			
Chloroethane	++++ 0.3512	++++ 0.3584	0.3630 0.3478	0.3661	0.3141	Ave		0.3501				5.4		30.0			
Ethanol	++++ 0.1719	++++ 0.1674	0.1625 0.1669	0.1673	0.1333	Ave		0.1615				8.8		30.0			
Isopentane	++++ 0.6557	0.7151 0.6536	0.6481 0.6429	0.6837	0.5845	Ave		0.6548				6.1		30.0			
Bromoethene (Vinyl Bromide)	++++ 0.9228	0.9194 0.9233	0.8703 0.9153	0.9536	0.8398	Ave		0.9063				4.2		30.0			
Acrolein	++++ 0.2194	++++ 0.2060	++++ 0.2049	0.2140	0.1970	Ave		0.2083				4.2		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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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								
Trichlorofluoromethane	+++++ 2.6563	2.8117 2.6170	2.6877 2.5634	2.8409	2.5148	Ave		2.6703				4.5		30.0			
n-Pentane	+++++ 1.0544	1.0246 1.0477	1.0246 1.0124	1.1257	0.9551	Ave		1.0366				5.4		30.0			
Isopropyl alcohol	+++++ 0.6249	+++++ 0.6068	+++++ 0.5949	0.6614	0.6980	Ave		0.6372				6.6		30.0			
Ethyl ether	+++++ 0.4931	0.4682 0.4785	0.4724 0.4702	0.5088	0.4832	Ave		0.4821				3.0		30.0			
Freon TF	+++++ 1.8535	1.9589 1.8470	1.8635 1.8072	1.9486	1.7339	Ave		1.8590				4.2		30.0			
tert-Butyl alcohol	+++++ 1.0844	+++++ 1.1019	+++++ 1.0535	1.2174	1.3005	Ave		1.1515				9.0		30.0			
1,1-Dichloroethene	+++++ 0.8717	0.9704 0.8729	0.9009 0.8612	0.9097	0.7992	Ave		0.8837				5.9		30.0			
Acetone	+++++ 0.9056	+++++ 0.8403	+++++ 0.8109	1.1405	1.0570	Ave		0.9509				15.0		30.0			
Carbon disulfide	+++++ 2.2869	+++++ 2.2836	2.2280 2.2339	2.3333	2.1268	Ave		2.2488				3.2		30.0			
3-Chloropropene	+++++ 0.7947	0.8067 0.7739	0.7199 0.7591	0.8449	0.7106	Ave		0.7728				6.2		30.0			
Acetonitrile	+++++ 0.3253	+++++ 0.3059	+++++ 0.2959	0.3469	0.3583	Ave		0.3265				8.1		30.0			
Methylene Chloride	+++++ 0.6788	+++++ 0.6648	0.8112 0.6399	0.7305	0.6322	Ave		0.6929				9.8		30.0			
Methyl tert-butyl ether	+++++ 2.4409	2.6497 2.3543	2.3636 2.2996	2.5475	2.4865	Ave		2.4489				5.0		30.0			
trans-1,2-Dichloroethene	+++++ 1.1424	1.1503 1.1370	1.0937 1.0990	1.2003	1.0795	Ave		1.1289				3.7		30.0			
Acrylonitrile	+++++ 0.4182	+++++ 0.3981	0.4097 0.4005	0.4411	0.4170	Ave		0.4141				3.8		30.0			
Ethyl acetate	+++++ 0.0774	+++++ 0.0777	+++++ 0.0754	0.0833	0.0822	Ave		0.0792				4.3		30.0			
n-Hexane	+++++ 1.1584	1.2313 1.1443	1.1122 1.1134	1.2033	1.0576	Ave		1.1458				5.1		30.0			
n-Butanol	+++++ 0.0459	+++++ 0.0480	+++++ 0.0503	0.0504	0.0496	Ave		0.0489				3.9		30.0			
1,1-Dichloroethane	+++++ 1.4543	1.5678 1.4269	1.4423 1.3830	1.5255	1.3591	Ave		1.4513				5.1		30.0			
Vinyl acetate	+++++ 1.4765	+++++ 1.4015	+++++ 1.3882	1.5400	1.4839	Ave		1.4580				4.3		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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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								
cis-1,2-Dichloroethene	+++++ 1.0109	1.1411 1.0158	1.0464 0.9905	1.0736	0.9669	Ave		1.0350				5.6		30.0			
Methyl Ethyl Ketone	+++++ 0.3685	+++++ 0.3531	0.4842 0.3481	0.3952	0.3897	Ave		0.3898				12.8		30.0			
Tetrahydrofuran	+++++ 0.1126	+++++ 0.1078	+++++ 0.1060	0.1188	0.1179	Ave		0.1126				5.1		30.0			
Chloroform	+++++ 1.9830	2.1287 1.9658	2.0170 1.9236	2.1155	1.9100	Ave		2.0062				4.3		30.0			
1,1,1-Trichloroethane	+++++ 0.4199	0.4420 0.4169	0.4073 0.4172	0.4482	0.4059	Ave		0.4225				3.9		30.0			
Cyclohexane	+++++ 0.2490	0.2528 0.2471	0.2282 0.2488	0.2532	0.2328	Ave		0.2446				4.1		30.0			
Benzene	+++++ 0.5070	0.5819 0.5071	0.4920 0.5087	0.5235	0.4767	Ave		0.5138				6.5		30.0			
2,2,4-Trimethylpentane	+++++ 0.6782	0.6728 0.6775	0.6374 0.6771	0.6989	0.6359	Ave		0.6682				3.5		30.0			
1,2-Dichloroethane	+++++ 0.2404	0.2515 0.2358	0.2384 0.2330	0.2612	0.2356	Ave		0.2423				4.2		30.0			
n-Heptane	+++++ 0.2194	0.2225 0.2187	0.2232 0.2139	0.2332	0.2101	Ave		0.2201				3.4		30.0			
Carbon tetrachloride	0.4118 0.4434	0.4411 0.4420	0.4148 0.4478	0.4678	0.4297	Ave		0.4373				4.2		30.0			
1,2-Dichloropropane	+++++ 0.1580	0.1646 0.1557	0.1501 0.1533	0.1601	0.1485	Ave		0.1558				3.6		30.0			
Methyl methacrylate	+++++ 0.1503	+++++ 0.1469	0.1102 0.1490	0.1447	0.1538	Ave		0.1425				11.3		30.0			
1,4-Dioxane	+++++ 0.0668	+++++ 0.0658	+++++ 0.0637	0.0674	0.0818	Ave		0.0691				10.5		30.0			
Dibromomethane	+++++ 0.2327	0.2305 0.2320	0.2135 0.2327	0.2430	0.2287	Ave		0.2305				3.8		30.0			
Bromodichloromethane	+++++ 0.4088	0.3689 0.4040	0.3547 0.4036	0.4243	0.3904	Ave		0.3935				6.1		30.0			
cis-1,3-Dichloropropene	+++++ 0.2911	0.2808 0.2866	0.2573 0.2859	0.2932	0.2763	Ave		0.2816				4.3		30.0			
methyl isobutyl ketone	+++++ 0.2182	+++++ 0.2200	0.1889 0.2139	0.2222	0.2216	Ave		0.2141				5.9		30.0			
Trichloroethene	0.2982 0.2548	0.2526 0.2559	0.2493 0.2564	0.2618	0.2414	Ave		0.2588				6.6		30.0			
Toluene	+++++ 0.4476	0.4823 0.4437	0.4626 0.4587	0.4748	0.4363	Ave		0.4580				3.7		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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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								
n-Octane	++++ 0.3082	0.3184 0.2994	0.3048 0.2949	0.3291	0.2931	Ave		0.3068				4.3		30.0			
trans-1,3-Dichloropropene	++++ 0.2998	0.2816 0.2907	0.2751 0.2951	0.3056	0.2924	Ave		0.2915				3.6		30.0			
1,1,2-Trichloroethane	++++ 0.1890	0.1956 0.1870	0.1857 0.1913	0.2031	0.1842	Ave		0.1909				3.5		30.0			
Tetrachloroethene	++++ 0.4054	0.4257 0.4100	0.4208 0.4233	0.4454	0.3988	Ave		0.4185				3.7		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.2109	++++ 0.2291	0.1778 0.2273	0.2251	0.2091	Ave		0.2132				9.1		30.0			
Dibromochloromethane	++++ 0.4695	0.3835 0.4739	0.3737 0.4926	0.4887	0.4498	Ave		0.4474				11.0		30.0			
1,2-Dibromoethane	++++ 0.4029	0.3550 0.4039	0.3574 0.4154	0.4275	0.3858	Ave		0.3925				7.1		30.0			
Chlorobenzene	++++ 0.6470	0.6717 0.6447	0.6481 0.6708	0.6911	0.6293	Ave		0.6575				3.2		30.0			
Ethylbenzene	++++ 0.9185	0.9420 0.9109	0.8767 0.9630	0.9848	0.9176	Ave		0.9305				3.9		30.0			
n-Nonane	++++ 0.3385	0.3381 0.3346	0.3116 0.3505	0.3692	0.3283	Ave		0.3387				5.3		30.0			
m,p-Xylene	++++ 0.4025	0.3910 0.3974	0.3730 0.4221	0.4338	0.4038	Ave		0.4034				4.9		30.0			
Xylene, o-	++++ 0.3896	0.4005 0.3825	0.3770 0.4028	0.4229	0.3894	Ave		0.3949				3.9		30.0			
Styrene	++++ 0.5919	0.4202 0.5851	0.4277 0.6421	0.5959	0.5752	Ave		0.5483				16.0		30.0			
Bromoform	++++ 0.4293	0.3266 0.4294	0.3208 0.4497	0.4523	0.4142	Ave		0.4032				13.9		30.0			
Cumene	++++ 1.1025	1.0925 1.0902	1.0242 1.1641	1.1852	1.0924	Ave		1.1073				4.8		30.0			
1,1,2,2-Tetrachloroethane	++++ 0.4584	0.4542 0.4554	0.4373 0.4723	0.5013	0.4507	Ave		0.4614				4.4		30.0			
n-Dodecane	++++ 0.2186	++++ 0.1554	++++ 0.2397	0.2339	0.1951	Ave		0.2086				16.5		30.0			
1,2,3-Trichloropropane	++++ 0.3648	++++ 0.3566	0.3641 0.3702	0.4040	0.3620	Ave		0.3703				4.6		30.0			
n-Propylbenzene	++++ 1.2167	1.1264 1.1951	1.0314 1.2869	1.2933	1.1964	Ave		1.1923				7.7		30.0			
4-Ethyltoluene	++++ 1.1149	0.9422 1.0895	0.9123 1.1688	1.1667	1.0885	Ave		1.0690				9.6		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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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								
n-Decane	+++++ 0.4123	+++++ 0.3975	0.3306 0.4126	0.4399	0.3999	Ave		0.3988				9.2		30.0			
2-Chlorotoluene	+++++ 0.8860	0.8462 0.8715	0.8092 0.9175	0.9552	0.8659	Ave		0.8788				5.4		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9256	0.8581 0.9055	0.7960 0.9765	0.9814	0.9065	Ave		0.9071				7.2		30.0			
Alpha Methyl Styrene	+++++ 0.4664	0.3002 0.4754	0.2924 0.5194	0.4825	0.4649	Ave		0.4288				21.5		30.0			
tert-Butylbenzene	+++++ 0.9294	0.9219 0.9095	0.8482 0.9803	1.0103	0.9178	Ave		0.9311				5.6		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9080	0.7469 0.8815	0.7487 0.9593	0.9626	0.8895	Ave		0.8709				10.3		30.0			
sec-Butylbenzene	+++++ 1.3060	1.1751 1.2813	1.1292 1.3766	1.4050	1.2869	Ave		1.2800				7.8		30.0			
4-Isopropyltoluene	+++++ 1.1565	0.8833 1.1331	0.8976 1.2277	1.2000	1.1292	Ave		1.0896				12.9		30.0			
1,3-Dichlorobenzene	+++++ 0.6434	0.6016 0.6274	0.5872 0.6802	0.6691	0.6139	Ave		0.6318				5.4		30.0			
1,4-Dichlorobenzene	+++++ 0.6216	0.5938 0.6095	0.5656 0.6645	0.6409	0.5921	Ave		0.6126				5.4		30.0			
Benzyl chloride	+++++ 0.6726	0.4769 0.6652	0.4599 0.7289	0.6428	0.5554	Ave		0.6002				17.3		30.0			
n-Butylbenzene	+++++ 0.8667	0.6353 0.8335	0.5821 0.9123	0.8514	0.8327	Ave		0.7877				16.0		30.0			
n-Undecane	+++++ 0.3655	+++++ 0.3242	+++++ 0.3824	0.3370	0.3470	Ave		0.3512				6.6		30.0			
1,2-Dichlorobenzene	+++++ 0.5962	0.5540 0.5834	0.5168 0.6281	0.6173	0.5794	Ave		0.5822				6.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.2608	+++++ 0.2712	0.2090 0.2901	0.2718	0.2370	Ave		0.2567				11.3		30.0			
Hexachlorobutadiene	+++++ 0.2899	0.2757 0.2825	0.2428 0.2877	0.2995	0.2777	Ave		0.2794				6.5		30.0			
Naphthalene	+++++ 0.6060	+++++ 0.5936	0.3283 0.6982	0.6030	0.5482	Ave		0.5629				22.2		30.0			
1,2,3-Trichlorobenzene	+++++ 0.2132	0.2130 0.2217	0.1632 0.2291	0.2261	0.1936	Ave		0.2086				11.1		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-45233/3	cla003.d
Level 2	IC 200-45233/4	cla004.d
Level 3	IC 200-45233/5	cla005.d
Level 4	IC 200-45233/6	cla006.d
Level 5	ICIS 200-45233/7	cla007.d
Level 6	IC 200-45233/8	cla008.d
Level 7	IC 200-45233/9	cla009.d
Level 8	IC 200-45233/10	cla010.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	++++ 240709	++++ 322487	8837 641267	80957	157106	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	++++ 1381719	++++ 1848798	43299 3697858	441101	868779	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	++++ 601239	++++ 803345	19445 1604598	197279	382965	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1371532	18046 1849373	41393 3742168	425080	858791	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	++++ 288654	++++ 389708	9671 781560	90795	186197	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	++++ 493310	++++ 689807	14344 1386830	156486	320751	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	++++ 271031	3262 378959	7596 770069	80634	167613	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1122 385411	4754 535916	11424 1090220	115338	243353	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	++++ 432538	5656 581314	13469 1180608	132972	253066	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	++++ 191726	++++ 266922	5988 536749	58499	109713	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Ethanol	BCM	Ave	++++ 125129	++++ 249380	26798 644074	53469	69822	++++ 20.0	++++ 40.0	5.00 100	10.0	15.0
Isopentane	BCM	Ave	++++ 358035	4652 486760	10690 992114	109259	204131	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 503828	5981 687589	14355 1412470	152380	293320	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	++++ 119764	++++ 153406	++++ 316258	34200	68808	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	++++ 1450350	18291 1948983	44330 3955951	453971	878306	++++ 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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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
n-Pentane	BCM	Ave	++++ 575686	++++ 780237	16900 1562391	179880	333573	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	++++ 341205	++++ 451943	++++ 918012	105692	243791	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Ethyl ether	BCM	Ave	++++ 269248	3046 356331	7792 725646	81299	168757	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	++++ 1012000	12743 1375528	30737 2788917	311395	605584	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	++++ 592060	++++ 820654	++++ 1625761	194546	454215	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	++++ 475934	6313 650100	14859 1328987	145370	279113	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	++++ 494441	++++ 625823	++++ 1251382	182249	369183	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	++++ 1248619	++++ 1700721	36748 3447482	372869	742817	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	++++ 433878	5248 576360	11874 1171543	135023	248174	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	++++ 177606	++++ 227839	++++ 456642	55434	125129	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	++++ 370626	++++ 495108	13380 987568	116737	220800	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	++++ 1332718	17237 1753371	38984 3548859	407092	868422	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	++++ 623725	7483 846787	18040 1696084	191805	377022	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	++++ 228311	++++ 296511	6757 618100	70482	145649	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	++++ 42274	++++ 57869	++++ 116417	13312	28713	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
n-Hexane	BCM	Ave	++++ 632476	8010 852243	18345 1718252	192287	369387	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	++++ 138515	++++ 197440	++++ 418058	45071	95587	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	++++ 794063	10199 1062707	23789 2134273	243776	474670	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	++++ 806141	++++ 1043754	++++ 2142365	246093	518257	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	++++ 551934	7423 756494	17259 1528553	171560	337689	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	++++ 201183	++++ 262980	7986 537176	63160	136115	++++ 15.0	++++ 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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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
Tetrahydrofuran	DFB	Ave	++++ 339410	++++ 443042	++++ 880793	106277	227090	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Chloroform	BCM	Ave	++++ 1082691	13848 1464006	33268 2968545	338052	667098	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	++++ 1266025	16227 1713778	38012 3466033	400798	781984	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	++++ 750617	9281 1015614	21299 2067088	226422	448582	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	++++ 1528525	21363 2084437	45909 4225948	468143	918448	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	++++ 2044663	24698 2784868	59479 5625336	624992	1225212	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	++++ 724886	9231 969322	22244 1935754	233567	453881	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	++++ 661406	8168 898896	20832 1777359	208571	404737	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	3187 1336819	16193 1816943	38712 3720266	418317	827814	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	++++ 476419	6043 639992	14011 1273248	143172	286122	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	++++ 453064	++++ 603767	10285 1237573	129389	296247	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	++++ 201471	++++ 270493	++++ 528949	60313	157530	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	++++ 701622	8463 953828	19927 1933404	217335	440613	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	++++ 1232475	13542 1660565	33104 3353191	379435	752163	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	++++ 877661	10310 1178210	24012 2375427	262228	532422	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	++++ 658002	++++ 904495	17624 1777191	198717	426918	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	2308 768229	9272 1052034	23265 2130487	234147	465174	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	++++ 1274946	16240 1693003	39566 3435067	387138	789338	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	++++ 929163	11690 1230630	28442 2450155	294270	564669	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	++++ 903933	10337 1194928	25670 2451562	273327	563422	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 538446	6587 713423	15886 1432755	165602	333217	++++ 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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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	++++ 1154912	14334 1564542	35991 3169841	363104	721525	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 600613	++++ 874173	15209 1702199	183490	378237	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	++++ 1337492	12913 1808049	31962 3689260	398458	813767	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	++++ 1147671	11953 1541004	30565 3110623	348564	697948	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	++++ 1842917	22618 2460032	55432 5023890	563455	1138497	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	++++ 2616312	31722 3475459	74981 7212048	802895	1660081	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	++++ 964240	11384 1276870	26650 2624795	301015	594028	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	++++ 2293077	26334 3032623	63811 6322862	707383	1461033	++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	++++ 1109665	13486 1459383	32243 3016289	344801	704503	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	++++ 1686157	14151 2232443	36580 4808739	485824	1040651	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	++++ 1222980	10997 1638280	27441 3367536	368758	749290	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	++++ 3140417	36790 4159880	87602 8717952	966280	1976280	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1305621	15296 1737445	37405 3536720	408695	815378	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	++++ 622793	++++ 592763	++++ 1795265	190705	353028	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 1039035	++++ 1360645	31144 2772107	329383	654907	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	++++ 3465692	37932 4559882	88213 9637520	1054426	2164447	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	++++ 3175846	31729 4157221	78026 8753328	951211	1969378	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	++++ 1174586	++++ 1516571	28273 3089654	358609	723449	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	++++ 2523779	28494 3325250	69212 6871216	778788	1566514	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 2636629	28895 3455134	68080 7313305	800104	1639965	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	++++ 1328653	10110 1813856	25005 3889527	393412	841168	++++ 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.: 200-13587-1 Analy Batch No.: 45233

SDG No.: _____

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

Calibration Start Date: 09/19/2012 13:52 Calibration End Date: 09/19/2012 20:06 Calibration ID: 17700

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
tert-Butylbenzene	CBZ	Ave	++++ 2647394	31044 3470227	72547 7341232	823704	1660548	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2586587	25152 3363539	64034 7183813	784770	1609305	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	++++ 3720224	39570 4889052	96580 10309213	1145456	2328248	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	++++ 3294258	29745 4323424	76769 9194227	978337	2042978	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	++++ 1832636	20260 2394037	50220 5093670	545551	1110701	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	++++ 1770622	19995 2325511	48379 4976418	522555	1071176	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	++++ 1915856	16058 2538026	39333 5458657	524099	1004875	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	++++ 2468766	21392 3180248	49783 6831951	694138	1506445	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	++++ 1041274	++++ 1237015	++++ 2864108	274743	627815	++++ 15.0	++++ 20.0	++++ 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	++++ 1698166	18655 2226004	44201 4703654	503309	1048239	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 743029	++++ 1034945	17878 2172499	221562	428796	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	++++ 825770	9283 1077978	20765 2154342	244148	502338	++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	++++ 1726305	++++ 2265061	28081 5229031	491591	991714	++++ 15.0	++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 607391	7173 845782	13961 1715485	184354	350174	++++ 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.: 200-13587-1
 SDG No.: _____
 Lab Sample ID: ICV 200-45233/14 Calibration Date: 09/20/2012 09:17
 Instrument ID: C.i Calib Start Date: 09/19/2012 13:52
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 09/19/2012 20:06
 Lab File ID: cla014.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	0.4636	0.4639		10.0	10.0	0.0	30.0
Dichlorodifluoromethane	Ave	2.547	2.525		9.91	10.0	-0.9	30.0
Freon 22	Ave	1.122	1.143		10.2	10.0	1.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.546	2.630		10.3	10.0	3.3	30.0
Chloromethane	Ave	0.5410	0.5870		10.8	10.0	8.5	30.0
n-Butane	Ave	0.9159	1.077		11.8	10.0	17.6	30.0
Vinyl chloride	Ave	0.7255	0.7608		10.5	10.0	4.9	30.0
1,3-Butadiene	Ave	0.4930	0.5685		11.5	10.0	15.3	30.0
Bromomethane	Ave	0.7972	0.8014		10.1	10.0	0.5	30.0
Chloroethane	Ave	0.3501	0.3807		10.9	10.0	8.7	30.0
Isopentane	Ave	0.6548	0.7318		11.2	10.0	11.8	30.0
Bromoethene (Vinyl Bromide)	Ave	0.9063	0.9854		10.9	10.0	8.7	30.0
Trichlorofluoromethane	Ave	2.670	2.633		9.86	10.0	-1.4	30.0
n-Pentane	Ave	1.037	1.160		11.2	10.0	11.9	30.0
Ethanol	Ave	0.1615	0.1875		17.4	15.0	16.1	30.0
Ethyl ether	Ave	0.4821	0.4997		10.4	10.0	3.7	30.0
Acrolein	Ave	0.2083	0.1928		9.26	10.0	-7.4	30.0
Freon TF	Ave	1.859	2.095		11.3	10.0	12.7	30.0
1,1-Dichloroethene	Ave	0.8837	1.032		11.7	10.0	16.8	30.0
Acetone	Ave	0.9509	1.040		10.9	10.0	9.3	30.0
Carbon disulfide	Ave	2.249	2.541		11.3	10.0	13.0	30.0
Isopropyl alcohol	Ave	0.6372	0.6385		10.0	10.0	0.2	30.0
3-Chloropropene	Ave	0.7728	0.8162		10.6	10.0	5.6	30.0
Acetonitrile	Ave	0.3265	0.3391		10.4	10.0	3.9	30.0
Methylene Chloride	Ave	0.6929	0.7598		11.0	10.0	9.6	30.0
tert-Butyl alcohol	Ave	1.152	1.072		9.30	10.0	-7.0	30.0
Methyl tert-butyl ether	Ave	2.449	2.503		10.2	10.0	2.2	30.0
trans-1,2-Dichloroethene	Ave	1.129	1.193		10.6	10.0	5.7	30.0
Acrylonitrile	Ave	0.4141	0.4620		11.2	10.0	11.6	30.0
n-Hexane	Ave	1.146	1.321		11.5	10.0	15.3	30.0
1,1-Dichloroethane	Ave	1.451	1.523		10.5	10.0	4.9	30.0
Vinyl acetate	Ave	1.458	1.499		10.3	10.0	2.8	30.0
cis-1,2-Dichloroethene	Ave	1.035	1.107		10.7	10.0	6.9	30.0
Methyl Ethyl Ketone	Ave	0.3898	0.4034		10.3	10.0	3.5	30.0
Ethyl acetate	Ave	0.0792	0.0830		10.5	10.0	4.8	30.0
Tetrahydrofuran	Ave	0.1126	0.1110		9.85	10.0	-1.5	30.0
Chloroform	Ave	2.006	2.058		10.3	10.0	2.6	30.0
1,1,1-Trichloroethane	Ave	0.4225	0.4121		9.75	10.0	-2.5	30.0
Cyclohexane	Ave	0.2446	0.2596		10.6	10.0	6.2	30.0
Carbon tetrachloride	Ave	0.4373	0.4222		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13587-1

SDG No.: _____

Lab Sample ID: ICV 200-45233/14 Calibration Date: 09/20/2012 09:17

Instrument ID: C.i Calib Start Date: 09/19/2012 13:52

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 09/19/2012 20:06

Lab File ID: cla014.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
Benzene	Ave	0.5138	0.5323		10.4	10.0	3.6	30.0
2,2,4-Trimethylpentane	Ave	0.6682	0.6992		10.5	10.0	4.6	30.0
1,2-Dichloroethane	Ave	0.2423	0.2325		9.59	10.0	-4.0	30.0
n-Heptane	Ave	0.2201	0.2309		10.5	10.0	4.9	30.0
n-Butanol	Ave	0.0489	0.0477		9.76	10.0	-2.4	30.0
Trichloroethene	Ave	0.2588	0.2552		9.86	10.0	-1.4	30.0
1,2-Dichloropropane	Ave	0.1558	0.1589		10.2	10.0	2.0	30.0
Methyl methacrylate	Ave	0.1425	0.1488		10.4	10.0	4.4	30.0
1,4-Dioxane	Ave	0.0691	0.0599		8.66	10.0	-13.4	30.0
Dibromomethane	Ave	0.2305	0.2176		9.44	10.0	-5.6	30.0
Bromodichloromethane	Ave	0.3935	0.4135		10.5	10.0	5.1	30.0
cis-1,3-Dichloropropene	Ave	0.2816	0.2872		10.2	10.0	2.0	30.0
methyl isobutyl ketone	Ave	0.2141	0.2144		10.0	10.0	0.1	30.0
Toluene	Ave	0.4580	0.4581		10.0	10.0	0.0	30.0
n-Octane	Ave	0.3068	0.3186		10.4	10.0	3.8	30.0
trans-1,3-Dichloropropene	Ave	0.2915	0.2920		10.0	10.0	0.2	30.0
1,1,2-Trichloroethane	Ave	0.1909	0.1871		9.80	10.0	-2.0	30.0
Tetrachloroethene	Ave	0.4185	0.3753		8.97	10.0	-10.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2132	0.2060		9.66	10.0	-3.4	30.0
Dibromochloromethane	Ave	0.4474	0.4629		10.3	10.0	3.5	30.0
1,2-Dibromoethane	Ave	0.3925	0.3879		9.88	10.0	-1.2	30.0
Chlorobenzene	Ave	0.6575	0.6241		9.49	10.0	-5.1	30.0
Ethylbenzene	Ave	0.9305	0.9165		9.85	10.0	-1.5	30.0
n-Nonane	Ave	0.3387	0.3487		10.3	10.0	3.0	30.0
m,p-Xylene	Ave	0.4034	0.3877		19.2	20.0	-3.9	30.0
Xylene, o-	Ave	0.3949	0.3705		9.38	10.0	-6.2	30.0
Styrene	Ave	0.5483	0.5547		10.1	10.0	1.2	30.0
Bromoform	Ave	0.4032	0.4049		10.0	10.0	0.4	30.0
Cumene	Ave	1.107	1.078		9.73	10.0	-2.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4614	0.4362		9.45	10.0	-5.5	30.0
1,2,3-Trichloropropane	Ave	0.3703	0.3522		9.51	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.192	1.178		9.88	10.0	-1.2	30.0
4-Ethyltoluene	Ave	1.069	1.073		10.0	10.0	0.3	30.0
n-Decane	Ave	0.3988	0.4040		10.1	10.0	1.3	30.0
2-Chlorotoluene	Ave	0.8788	0.8800		10.0	10.0	0.1	30.0
1,3,5-Trimethylbenzene	Ave	0.9071	0.8691		9.58	10.0	-4.2	30.0
Alpha Methyl Styrene	Ave	0.4288	0.4370		10.2	10.0	1.9	30.0
tert-Butylbenzene	Ave	0.9311	0.8925		9.58	10.0	-4.1	30.0
1,2,4-Trimethylbenzene	Ave	0.8709	0.8283		9.51	10.0	-4.9	30.0
sec-Butylbenzene	Ave	1.280	1.258		9.83	10.0	-1.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
 SDG No.: _____
 Lab Sample ID: ICV 200-45233/14 Calibration Date: 09/20/2012 09:17
 Instrument ID: C.i Calib Start Date: 09/19/2012 13:52
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 09/19/2012 20:06
 Lab File ID: cla014.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	1.090	1.093		10.0	10.0	0.3	30.0
1,3-Dichlorobenzene	Ave	0.6318	0.5556		8.79	10.0	-12.1	30.0
1,4-Dichlorobenzene	Ave	0.6126	0.5340		8.72	10.0	-12.8	30.0
Benzyl chloride	Ave	0.6002	0.6016		10.0	10.0	0.2	30.0
n-Butylbenzene	Ave	0.7877	0.8084		10.3	10.0	2.6	30.0
n-Undecane	Ave	0.3512	0.3485		9.92	10.0	-0.8	30.0
1,2-Dichlorobenzene	Ave	0.5822	0.5123		8.80	10.0	-12.0	30.0
n-Dodecane	Ave	0.2086	0.2424		11.6	10.0	16.2	30.0
1,2,4-Trichlorobenzene	Ave	0.2567	0.2009		7.83	10.0	-21.7	30.0
Hexachlorobutadiene	Ave	0.2794	0.2870		10.3	10.0	2.7	30.0
Naphthalene	Ave	0.5629	0.3949		7.01	10.0	-29.9	30.0
1,2,3-Trichlorobenzene	Ave	0.2086	0.1873		8.98	10.0	-10.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-47908/2 Calibration Date: 11/09/2012 10:51
 Instrument ID: C.i Calib Start Date: 09/19/2012 13:52
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 09/19/2012 20:06
 Lab File ID: claaa002.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	0.4636	0.4228		9.12	10.0	-8.8	30.0
Dichlorodifluoromethane	Ave	2.547	2.957		11.6	10.0	16.1	30.0
Freon 22	Ave	1.122	1.206		10.7	10.0	7.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.546	2.822		11.1	10.0	10.8	30.0
Chloromethane	Ave	0.5410	0.5117		9.46	10.0	-5.4	30.0
n-Butane	Ave	0.9159	0.9235		10.1	10.0	0.8	30.0
Vinyl chloride	Ave	0.7255	0.7211		9.94	10.0	-0.6	30.0
1,3-Butadiene	Ave	0.4930	0.4865		9.87	10.0	-1.3	30.0
Bromomethane	Ave	0.7972	0.8838		11.1	10.0	10.9	30.0
Chloroethane	Ave	0.3501	0.3266		9.33	10.0	-6.7	30.0
Isopentane	Ave	0.6548	0.5490		8.38	10.0	-16.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.9063	0.8971		9.90	10.0	-1.0	30.0
Trichlorofluoromethane	Ave	2.670	2.982		11.2	10.0	11.7	30.0
n-Pentane	Ave	1.037	0.8452		8.15	10.0	-18.5	30.0
Ethanol	Ave	0.1615	0.1348		12.5	15.0	-16.6	30.0
Ethyl ether	Ave	0.4821	0.4334		8.99	10.0	-10.1	30.0
Acrolein	Ave	0.2083	0.1690		8.11	10.0	-18.9	30.0
Freon TF	Ave	1.859	1.852		9.96	10.0	-0.4	30.0
1,1-Dichloroethene	Ave	0.8837	0.8135		9.20	10.0	-7.9	30.0
Acetone	Ave	0.9509	0.9723		10.2	10.0	2.3	30.0
Carbon disulfide	Ave	2.249	1.978		8.80	10.0	-12.0	30.0
Isopropyl alcohol	Ave	0.6372	0.5643		8.85	10.0	-11.4	30.0
3-Chloropropene	Ave	0.7728	0.6290		8.14	10.0	-18.6	30.0
Acetonitrile	Ave	0.3265	0.2603		7.97	10.0	-20.3	30.0
Methylene Chloride	Ave	0.6929	0.6054		8.73	10.0	-12.6	30.0
tert-Butyl alcohol	Ave	1.152	1.141		9.90	10.0	-1.0	30.0
Methyl tert-butyl ether	Ave	2.449	2.419		9.88	10.0	-1.2	30.0
trans-1,2-Dichloroethene	Ave	1.129	1.043		9.24	10.0	-7.6	30.0
Acrylonitrile	Ave	0.4141	0.3401		8.21	10.0	-17.9	30.0
n-Hexane	Ave	1.146	0.9328		8.14	10.0	-18.6	30.0
1,1-Dichloroethane	Ave	1.451	1.302		8.97	10.0	-10.3	30.0
Vinyl acetate	Ave	1.458	1.244		8.53	10.0	-14.6	30.0
cis-1,2-Dichloroethene	Ave	1.035	0.9349		9.03	10.0	-9.7	30.0
Methyl Ethyl Ketone	Ave	0.3898	0.3251		8.34	10.0	-16.6	30.0
Ethyl acetate	Ave	0.0792	0.0760		9.59	10.0	-4.1	30.0
Tetrahydrofuran	Ave	0.1126	0.0933		8.28	10.0	-17.1	30.0
Chloroform	Ave	2.006	2.012		10.0	10.0	0.3	30.0
1,1,1-Trichloroethane	Ave	0.4225	0.4628		11.0	10.0	9.5	30.0
Cyclohexane	Ave	0.2446	0.2285		9.34	10.0	-6.6	30.0
Carbon tetrachloride	Ave	0.4373	0.4992		11.4	10.0	14.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13587-1

SDG No.: _____

Lab Sample ID: CCVIS 200-47908/2 Calibration Date: 11/09/2012 10:51

Instrument ID: C.i Calib Start Date: 09/19/2012 13:52

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 09/19/2012 20:06

Lab File ID: claaa002.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
Benzene	Ave	0.5138	0.4555		8.86	10.0	-11.4	30.0
2,2,4-Trimethylpentane	Ave	0.6682	0.5700		8.53	10.0	-14.7	30.0
1,2-Dichloroethane	Ave	0.2423	0.2669		11.0	10.0	10.2	30.0
n-Heptane	Ave	0.2201	0.1784		8.10	10.0	-19.0	30.0
n-Butanol	Ave	0.0489	0.0380		7.77	10.0	-22.3	30.0
Trichloroethene	Ave	0.2588	0.2519		9.73	10.0	-2.7	30.0
1,2-Dichloropropane	Ave	0.1558	0.1320		8.47	10.0	-15.2	30.0
Methyl methacrylate	Ave	0.1425	0.1338		9.39	10.0	-6.1	30.0
1,4-Dioxane	Ave	0.0691	0.0677		9.80	10.0	-2.0	30.0
Dibromomethane	Ave	0.2305	0.2280		9.89	10.0	-1.1	30.0
Bromodichloromethane	Ave	0.3935	0.4220		10.7	10.0	7.2	30.0
cis-1,3-Dichloropropene	Ave	0.2816	0.2681		9.52	10.0	-4.8	30.0
methyl isobutyl ketone	Ave	0.2141	0.1966		9.18	10.0	-8.2	30.0
Toluene	Ave	0.4580	0.4177		9.12	10.0	-8.8	30.0
n-Octane	Ave	0.3068	0.2524		8.22	10.0	-17.7	30.0
trans-1,3-Dichloropropene	Ave	0.2915	0.2880		9.88	10.0	-1.2	30.0
1,1,2-Trichloroethane	Ave	0.1909	0.1773		9.29	10.0	-7.1	30.0
Tetrachloroethene	Ave	0.4185	0.4000		9.56	10.0	-4.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2132	0.1857		8.71	10.0	-12.9	30.0
Dibromochloromethane	Ave	0.4474	0.4805		10.7	10.0	7.4	30.0
1,2-Dibromoethane	Ave	0.3925	0.3973		10.1	10.0	1.2	30.0
Chlorobenzene	Ave	0.6575	0.6350		9.65	10.0	-3.4	30.0
Ethylbenzene	Ave	0.9305	0.9178		9.86	10.0	-1.4	30.0
n-Nonane	Ave	0.3387	0.2906		8.58	10.0	-14.2	30.0
m,p-Xylene	Ave	0.4034	0.3964		19.6	20.0	-1.7	30.0
Xylene, o-	Ave	0.3949	0.3855		9.76	10.0	-2.4	30.0
Styrene	Ave	0.5483	0.5579		10.2	10.0	1.7	30.0
Bromoform	Ave	0.4032	0.4253		10.5	10.0	5.5	30.0
Cumene	Ave	1.107	1.149		10.4	10.0	3.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4614	0.4353		9.43	10.0	-5.6	30.0
1,2,3-Trichloropropane	Ave	0.3703	0.3649		9.85	10.0	-1.4	30.0
n-Propylbenzene	Ave	1.192	1.229		10.3	10.0	3.1	30.0
4-Ethyltoluene	Ave	1.069	1.157		10.8	10.0	8.2	30.0
2-Chlorotoluene	Ave	0.8788	0.9283		10.6	10.0	5.6	30.0
n-Decane	Ave	0.3988	0.3596		9.01	10.0	-9.8	30.0
1,3,5-Trimethylbenzene	Ave	0.9071	0.9561		10.5	10.0	5.4	30.0
Alpha Methyl Styrene	Ave	0.4288	0.4621		10.8	10.0	7.8	30.0
tert-Butylbenzene	Ave	0.9311	0.9826		10.6	10.0	5.5	30.0
1,2,4-Trimethylbenzene	Ave	0.8709	0.9337		10.7	10.0	7.2	30.0
sec-Butylbenzene	Ave	1.280	1.342		10.5	10.0	4.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-13587-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-47908/2 Calibration Date: 11/09/2012 10:51
 Instrument ID: C.i Calib Start Date: 09/19/2012 13:52
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 09/19/2012 20:06
 Lab File ID: claaa002.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	1.090	1.199		11.0	10.0	10.0	30.0
1,3-Dichlorobenzene	Ave	0.6318	0.6272		9.93	10.0	-0.7	30.0
1,4-Dichlorobenzene	Ave	0.6126	0.5922		9.67	10.0	-3.3	30.0
Benzyl chloride	Ave	0.6002	0.5083		8.47	10.0	-15.3	30.0
n-Butylbenzene	Ave	0.7877	0.8057		10.2	10.0	2.3	30.0
n-Undecane	Ave	0.3512	0.2564		7.30	10.0	-27.0	30.0
1,2-Dichlorobenzene	Ave	0.5822	0.5886		10.1	10.0	1.1	30.0
n-Dodecane	Ave	0.2086	0.1835		8.80	10.0	-12.0	30.0
1,2,4-Trichlorobenzene	Ave	0.2567	0.2322		9.05	10.0	-9.5	30.0
Hexachlorobutadiene	Ave	0.2794	0.2822		10.1	10.0	1.0	30.0
Naphthalene	Ave	0.5629	0.5421		9.63	10.0	-3.7	30.0
1,2,3-Trichlorobenzene	Ave	0.2086	0.1954		9.37	10.0	-6.3	30.0

#48259 NT 11
#48233 3915

GC/MS Air Instrument Run Log

Sequence	Standard Traceability	Instrument Information
Target Batch ID: 214	ISTD Container ID: 218052	Instrument ID: C
Test Method: 7015	CCV Container ID: 205	Instrument: 5973
ICAL Date: 11/11/12	ICV/LCS Container ID: 205	Column Type: RTX-624

Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.

Walter Phillips WRP William DeGard WDA

Injection Time	GC/MS File Name	Summa Can ID	Sequence Information			Inlet #	Volume (mL)	Operator	Individual Sample Review			Comments
			TALS Sample ID	Dilution Factor					Internal Std.	Result Conc.	Primary Anal.	
1205	1205	4633	1205	1		1	200	WDA	1	✓	✓	
1205	1205	4633	1205	1		2	400	WDA	1	✓	✓	
1205	1205	4633	1205	1		3	200	WDA	1	✓	✓	
1205	1205	4633	1205	1		4		WDA	1	✓	✓	
1205	1205	4633	1205	1		5		WDA	1	✓	✓	
1205	1205	4633	1205	1		6		WDA	1	✓	✓	
1205	1205	4633	1205	1		7		WDA	1	✓	✓	
1205	1205	4633	1205	1		8		WDA	1	✓	✓	
1205	1205	4633	1205	1		9	200	WDA	1	✓	✓	
1205	1205	4633	1205	1		10	200	WDA	1	✓	✓	
1205	1205	4633	1205	1		11	1	WDA	1	✓	✓	
1205	1205	4633	1205	1		12		WDA	1	✓	✓	
1205	1205	4633	1205	1		13		WDA	1	✓	✓	
1205	1205	4633	1205	1		14		WDA	1	✓	✓	
1205	1205	4633	1205	1		15		WDA	1	✓	✓	
1205	1205	4633	1205	1		16		WDA	1	✓	✓	
1205	1205	4633	1205	1		17		WDA	1	✓	✓	
1205	1205	4633	1205	1		18		WDA	1	✓	✓	
1205	1205	4633	1205	1		19		WDA	1	✓	✓	
1205	1205	4633	1205	1		20		WDA	1	✓	✓	
1205	1205	4633	1205	1		21		WDA	1	✓	✓	
1205	1205	4633	1205	1		22		WDA	1	✓	✓	
1205	1205	4633	1205	1		23		WDA	1	✓	✓	
1205	1205	4633	1205	1		24		WDA	1	✓	✓	
1205	1205	4633	1205	1		25		WDA	1	✓	✓	
1205	1205	4633	1205	1		26		WDA	1	✓	✓	
1205	1205	4633	1205	1		27		WDA	1	✓	✓	
1205	1205	4633	1205	1		28		WDA	1	✓	✓	
1205	1205	4633	1205	1		29		WDA	1	✓	✓	
1205	1205	4633	1205	1		30		WDA	1	✓	✓	
1205	1205	4633	1205	1		31		WDA	1	✓	✓	
1205	1205	4633	1205	1		32		WDA	1	✓	✓	
1205	1205	4633	1205	1		33		WDA	1	✓	✓	
1205	1205	4633	1205	1		34		WDA	1	✓	✓	
1205	1205	4633	1205	1		35		WDA	1	✓	✓	
1205	1205	4633	1205	1		36		WDA	1	✓	✓	
1205	1205	4633	1205	1		37		WDA	1	✓	✓	
1205	1205	4633	1205	1		38		WDA	1	✓	✓	
1205	1205	4633	1205	1		39		WDA	1	✓	✓	
1205	1205	4633	1205	1		40		WDA	1	✓	✓	
1205	1205	4633	1205	1		41		WDA	1	✓	✓	
1205	1205	4633	1205	1		42		WDA	1	✓	✓	
1205	1205	4633	1205	1		43		WDA	1	✓	✓	
1205	1205	4633	1205	1		44		WDA	1	✓	✓	
1205	1205	4633	1205	1		45		WDA	1	✓	✓	
1205	1205	4633	1205	1		46		WDA	1	✓	✓	
1205	1205	4633	1205	1		47		WDA	1	✓	✓	
1205	1205	4633	1205	1		48		WDA	1	✓	✓	
1205	1205	4633	1205	1		49		WDA	1	✓	✓	
1205	1205	4633	1205	1		50		WDA	1	✓	✓	
1205	1205	4633	1205	1		51		WDA	1	✓	✓	
1205	1205	4633	1205	1		52		WDA	1	✓	✓	
1205	1205	4633	1205	1		53		WDA	1	✓	✓	
1205	1205	4633	1205	1		54		WDA	1	✓	✓	
1205	1205	4633	1205	1		55		WDA	1	✓	✓	
1205	1205	4633	1205	1		56		WDA	1	✓	✓	
1205	1205	4633	1205	1		57		WDA	1	✓	✓	
1205	1205	4633	1205	1		58		WDA	1	✓	✓	
1205	1205	4633	1205	1		59		WDA	1	✓	✓	
1205	1205	4633	1205	1		60		WDA	1	✓	✓	
1205	1205	4633	1205	1		61		WDA	1	✓	✓	
1205	1205	4633	1205	1		62		WDA	1	✓	✓	
1205	1205	4633	1205	1		63		WDA	1	✓	✓	
1205	1205	4633	1205	1		64		WDA	1	✓	✓	
1205	1205	4633	1205	1		65		WDA	1	✓	✓	
1205	1205	4633	1205	1		66		WDA	1	✓	✓	
1205	1205	4633	1205	1		67		WDA	1	✓	✓	
1205	1205	4633	1205	1		68		WDA	1	✓	✓	
1205	1205	4633	1205	1		69		WDA	1	✓	✓	
1205	1205	4633	1205	1		70		WDA	1	✓	✓	
1205	1205	4633	1205	1		71		WDA	1	✓	✓	
1205	1205	4633	1205	1		72		WDA	1	✓	✓	
1205	1205	4633	1205	1		73		WDA	1	✓	✓	
1205	1205	4633	1205	1		74		WDA	1	✓	✓	
1205	1205	4633	1205	1		75		WDA	1	✓	✓	
1205	1205	4633	1205	1		76		WDA	1	✓	✓	
1205	1205	4633	1205	1		77		WDA	1	✓	✓	
1205	1205	4633	1205	1		78		WDA	1	✓	✓	
1205	1205	4633	1205	1		79		WDA	1	✓	✓	
1205	1205	4633	1205	1		80		WDA	1	✓	✓	
1205	1205	4633	1205	1		81		WDA	1	✓	✓	
1205	1205	4633	1205	1		82		WDA	1	✓	✓	
1205	1205	4633	1205	1		83		WDA	1	✓	✓	
1205	1205	4633	1205	1		84		WDA	1	✓	✓	
1205	1205	4633	1205	1		85		WDA	1	✓	✓	
1205	1205	4633	1205	1		86		WDA	1	✓	✓	
1205	1205	4633	1205	1		87		WDA	1	✓	✓	
1205	1205	4633	1205	1		88		WDA	1	✓	✓	
1205	1205	4633	1205	1		89		WDA	1	✓	✓	
1205	1205	4633	1205	1		90		WDA	1	✓	✓	
1205	1205	4633	1205	1		91		WDA	1	✓	✓	
1205	1205	4633	1205	1		92		WDA	1	✓	✓	
1205	1205	4633	1205	1		93		WDA	1	✓	✓	
1205	1205	4633	1205	1		94		WDA	1	✓	✓	
1205	1205	4633	1205	1		95		WDA	1	✓	✓	
1205	1205	4633	1205	1		96		WDA	1	✓	✓	
1205	1205	4633	1205	1		97		WDA	1	✓	✓	
1205	1205	4633	1205	1		98		WDA	1	✓	✓	
1205	1205	4633	1205	1		99		WDA	1	✓	✓	
1205	1205	4633	1205	1		100		WDA	1	✓	✓	

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

GC/MS Air Instrument Run Log

#47908

Sequence		Standard Traceability		Instrument Information	
Target Batch ID: 664400	Start Date: 11/11/12	Time: 1000	ISTD Container ID: 241857	Instrument ID: C	
Test Method: TOAS	End Date: 11/11/12	Time: 1000	CCV Container ID: 408638	Instrument: 5973	
ICAL Date: 45233			ICV/LCS Container ID: 408621	Column Type: RTX-624	
Analyst / Supervisor Signature(s): Insert signature when specified as project requirement. Otherwise leave this section blank.					

Sequence Information				Individual Sample Review				Comments
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	
1000	6644001	03 3570	RTS	NA	NA	444	VRD	
1057		03 4943	CCV		2	200		AG
1142		04 4635	LS		3			AG
1232		04 2583	RTS		4	46		
1313		04 4236	13530-1	330	5	31		CDF 252.98 C
1414		05 5367		4400	6	43		632.37 C
1504		05 2264		202	7	31		521.26 C
1555		05 5748	13628-1	2	8	80		108.24 C
1646		10 5748		2	9	80		
1737		11 2678		2	10	80		
1828		12 3044		3	11	40		
1915		13 4708		4	12	40		
2010		14 3970	13583-40	0.1	13	1000		
2102		15 5019	13586-02	0.2	14	1000	AAW	
2153		16 2657	13585-04	0.2	15	200		
2248		17 3565	13621-01	1	16	200		
2338		18 4742		1	17	200		
2429		19 4770		10	18	200		
2519		20 5131		1	19	200		
2610		21 3369		1	20	200		
2701		22 4142		1	21	200		
2792		23 4351		1	22	200		
2883		24 4462		1	23	200		
2974		25 2861	13587-08	0.2	24	1000		
3065		26 4157	13610-01	1	25	200		
3156		27 4157		1	26	200		
3247		28 2583		1	27	200		
3338		29 3629		1	28	200		
3429		30 3629		1	29	200		

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-13587-1

SDG No.: _____

Instrument ID: C.i Start Date: 09/19/2012 12:05Analysis Batch Number: 45233 End Date: 09/20/2012 10:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-45233/1		09/19/2012 12:05	1	cla001.d	RTX-624 0.32 (mm)
VIBLK 200-45233/2		09/19/2012 12:58	1		RTX-624 0.32 (mm)
IC 200-45233/3		09/19/2012 13:52	1	cla003.d	RTX-624 0.32 (mm)
IC 200-45233/4		09/19/2012 14:45	1	cla004.d	RTX-624 0.32 (mm)
IC 200-45233/5		09/19/2012 15:38	1	cla005.d	RTX-624 0.32 (mm)
IC 200-45233/6		09/19/2012 16:32	1	cla006.d	RTX-624 0.32 (mm)
ICIS 200-45233/7		09/19/2012 17:25	1	cla007.d	RTX-624 0.32 (mm)
IC 200-45233/8		09/19/2012 18:19	1	cla008.d	RTX-624 0.32 (mm)
IC 200-45233/9		09/19/2012 19:13	1	cla009.d	RTX-624 0.32 (mm)
IC 200-45233/10		09/19/2012 20:06	1	cla010.d	RTX-624 0.32 (mm)
VIBLK 200-45233/11		09/19/2012 21:00	1		RTX-624 0.32 (mm)
ZZZZZ		09/19/2012 21:53	1		RTX-624 0.32 (mm)
VIBLK 200-45233/13		09/19/2012 22:47	1		RTX-624 0.32 (mm)
ICV 200-45233/14		09/20/2012 09:17	1	cla014.d	RTX-624 0.32 (mm)
ZZZZZ		09/20/2012 10:13	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BurlingtonJob No.: 200-13587-1

SDG No.: _____

Instrument ID: C.iStart Date: 11/09/2012 10:00Analysis Batch Number: 47908End Date: 11/10/2012 09:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-47908/1		11/09/2012 10:00	1	claaa001.d	RTX-624 0.32 (mm)
CCVIS 200-47908/2		11/09/2012 10:51	1	claaa002.d	RTX-624 0.32 (mm)
LCS 200-47908/3		11/09/2012 11:42	1	claaa003.d	RTX-624 0.32 (mm)
MB 200-47908/4		11/09/2012 12:32	1	claaa004.d	RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 13:23	3300		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 14:14	4400		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 15:04	2430		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 15:55	702		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 16:46	2		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 17:37	2		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 17:37	2		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 18:28	5		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 19:19	4		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 20:10	5		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 21:02	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 21:55	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 22:48	0.2		RTX-624 0.32 (mm)
ZZZZZ		11/09/2012 23:38	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 00:29	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 01:19	10		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 02:10	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 03:01	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 03:52	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 04:42	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 05:33	1		RTX-624 0.32 (mm)
200-13587-8	2861	11/10/2012 06:26	0.2	claaa025.d	RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 07:17	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 08:08	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 08:58	1		RTX-624 0.32 (mm)
ZZZZZ		11/10/2012 09:49	1		RTX-624 0.32 (mm)

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>John Fowler</u>		Samples Collected By: <u>SR</u>		1 of 3 COCs	
Company: <u>CH2M EAC</u>		Phone: <u>818 453-4500</u>					
Address: <u>3 William St</u>		Email: <u>John.Fowler@ch2m.com</u>					
City/State/Zip: <u>Albany NY 12205</u>							
Phone: <u>518 453-4500</u>		Site Contact: <u>John Fowler</u>					
FAX: <u>518 453-4773</u>		TA Contact: <u>Don Dawicki</u>					
Project Name: <u>Albany Laboratory J14</u>		Analysis Turnaround Time					
Site: <u>Albany, NY</u>		Standard (Specify)					
PO # <u>21645, 4ml 44232</u>		Rush (Specify)					

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	ASTM D-1946						Other (Please specify in notes section)			
								MA-APH	EPA 3C	EPA 25C	TO-15	Sample Type	Indoor Air		Ambient Air	Soil Gas	Landfill Gas
SSV-1	11-27-12	1:48	5:45	30	10	3717	2734										
IA-1		1:48	5:45	27	8	4105	2573										
SSV-2		9:50	4:50	29	6	3171	3669										
IA-2		9:50	5:23	30	8	4745	3645										
SSV-3		9:51	5:23	30	8	3717	2683										
IA-3		9:51	5:12	30	8	3658	2605										

Temperature (Fahrenheit)	
Interior	Ambient

Pressure (inches of Hg)	
Interior	Ambient

Special Instructions/QC Requirements & Comments: Category B Delivable

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by: <u>John Fowler</u>	Date/Time: <u>11/28/12 3:10 AM</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date/Time: <u>11/28/12 1700</u>	Received by: <u>John Fowler 1000</u>

Lab Use Only: Shipper Name: _____ Opened by: _____ Condition: _____

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

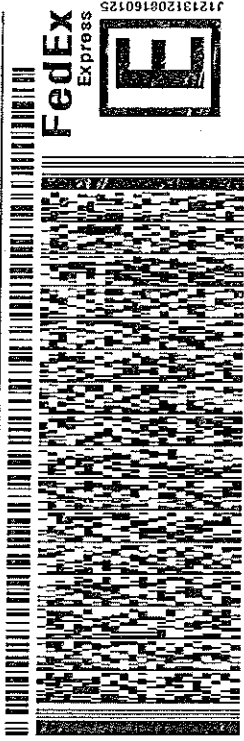
TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

[illegible]

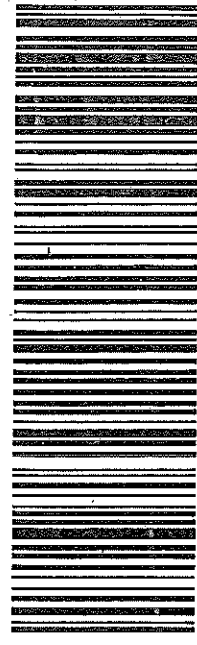
ORIGIN ID: DSWA (518) 438-8140
BRENDON QUIRK
TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 28NOV12
ACTWGT: 35.2 LB
CAD: 552423/CAFE2605
DIMS: 20x20x14 IN
BILL THIRD PARTY

TO SAMPLE RECEIVING
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11
BURLINGTON VT 05403
(802) 660-1990
REF: CHA - ALBANY LABORATORIES



1 of 2
TRK# 4108 5808 9059
0201
MASTER ##
THU - 29 NOV A4
STANDARD OVERNIGHT
ZF BTVA
05403
VT-US BTV



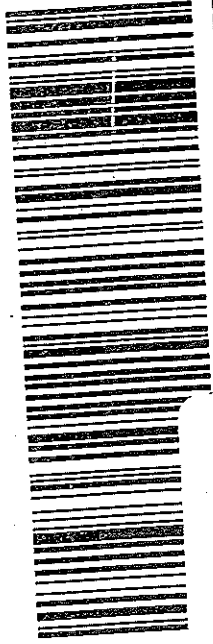
ORIGIN ID: DSWA (518) 438-8140
BRENDON QUIRK
TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 28NOV12
ACTWGT: 27.5 LB
CAD: 552423/CAFE2605
DIMS: 20x20x14 IN
BILL THIRD PARTY

TO SAMPLE RECEIVING
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11
BURLINGTON VT 05403
(802) 660-1990
REF: CHA - ALBANY LABORATORIES



2 of 2
MPS# 4108 5808 9060
0263
Mstr# 4108 5808 9059
THU - 29 NOV A4
STANDARD OVERNIGHT
ZF BTVA
05403
VT-US BTV



Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 200-13910-1

SDG Number: 200-13910

Login Number: 13910

List Source: TestAmerica Burlington

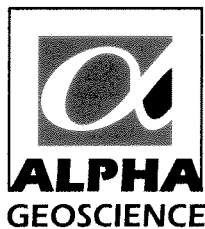
List Number: 1

Creator: Marion, Greg T

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.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
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	
Cooler Temperature is recorded.	True	AMBIENT
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.	True	
Samples are received within Holding Time.	True	
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.	N/A	
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").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

APPENDIX D

Data Usability Summary Reports



Geology

Hydrology

Remediation

Water Supply

April 27, 2012

Mr. Seth H. Fowler, CHMM
Clough, Harbour, & Associates LLP
III Winners Circle
P.O. Box 5269
Albany, New York 12205-0269

Re: Data Validation Report
Albany Laboratories
February 2012 Soil Vapor/Indoor Air Sampling Event

Dear Mr. Fowler:

The data usability summary report (DUSR) and data validation summary are attached to this letter for the Albany Laboratories, February 2012 soil vapor/indoor air sampling event. The data for TestAmerica Burlington job number 200-9580-1 were acceptable with no issues identified in the validation summary. There were no data that were qualified as either unusable (R) or estimated (J).

A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Clough, Harbour, & Associates LLP.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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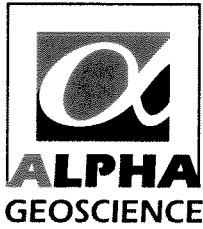
Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
TestAmerica Burlington, SDG No: 200-9580-1**

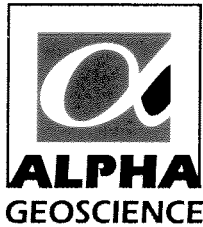
**7 Soil Vapor/Indoor Air Samples
Collected February 29, 2012**

Prepared by: Donald Anné
April 27, 2012

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contained the results of TO15 volatile analyses for 7 soil vapor/indoor air samples.

The overall performances of the analyses are acceptable. TestAmerica Burlington did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data that were flagged as either estimated (J) or unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of TO15 Volatiles Data for
TestAmerica Burlington, SDG No: 200-9580-1**

**7 Indoor Air/Soil Vapor Samples
Collected February 29, 2012**

Prepared by: Donald Anné
April 27, 2012

Holding Times: Samples were analyzed within the EPA recommended holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

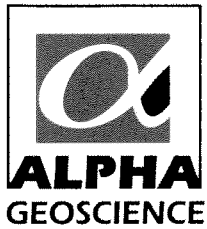
Continuing Calibration: The RRF10s for target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (30%), as required.

Blanks: The analyses of the method blanks reported target compounds as not detected. The certification analyses of summa canisters reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits (70-130%) for samples LCS 200-34777/3 and LCS 200-34715/4.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.



Geology

Hydrology

Remediation

Water Supply

January 25, 2013

Mr. Scott Rosecrans
Clough, Harbour, & Associates LLP
III Winners Circle
P.O. Box 5269
Albany, New York 12205-0269

Re: Data Validation Report
Albany Laboratories
November 2012 Soil Vapor/Indoor Air Sampling Event
CHA Project #21645

Dear Mr. Rosecrans:

The data usability summary report (DUSR) and data validation summary are attached to this letter for the Albany Laboratories, November 2012 soil vapor/indoor air sampling event. The data for TestAmerica Burlington SDG: 200-13910 were acceptable with no issues identified in the validation summary. There were no data that were qualified as either unusable (R) or estimated (J).

A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Clough, Harbour, & Associates LLP.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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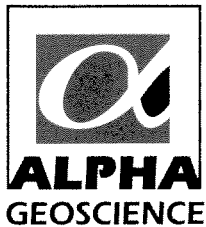
Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
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- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
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Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Data Validation Acronyms

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CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation



**Data Usability Summary Report for
TestAmerica Burlington, SDG No: 200-13910**

**7 Indoor Air/Soil Vapor Samples
Collected November 27, 2012**

Prepared by: Donald Anné
January 25, 2013

Geology

Hydrology

Remediation

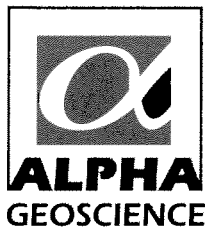
Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contained the results of TO15 volatile analyses for 7 soil vapor/indoor air samples.

The overall performances of the analyses are acceptable. TestAmerica Burlington did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data that were flagged as either estimated (J) or unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

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**QA/QC Review of TO15 Volatiles Data for
TestAmerica Burlington, SDG No: 200-13910**

**7 Indoor Air/Soil Vapor Samples
Collected November 27, 2012**

Prepared by: Donald Anné
January 25, 2013

Geology

Hydrology

Remediation

Water Supply

Holding Times: Samples were analyzed within the EPA recommended holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (30%), as required.

Blanks: The analyses of the method blanks reported target compounds as not detected. The certification analyses of summa canisters reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries for target compounds were within QC limits (70-130%) for samples LCS 200-49025/3 and LCS 200-34715/4.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

LETTER OF TRANSMITTAL



ALPHA GEOSCIENCE

679 Plank Road
Clifton Park, NY 12065
(518) 348 -6995 Phone
(518) 348-6966 FAX

TO: Mr. Scott Rosecrans
Clough, Harbour, & Associates LLP
III Winners Circle
P.O. Box 5269
Albany, NY 12205-0269

FROM: Don Anne'

DATE: 1/25/2013

SUBJECT: Data Validation
Albany Laboratories
November 2012 Indoor Air/Soil Vapor Samples

WE ARE TRANSMITTING
THE FOLLOWING ITEMS:

☐ Photographs
☐ Maps/Plans
☐ Report(s)

☐ Letter(s)
☐ Disk(s)
☒ Other: Data Package

Originals	Copies	Description of Materials
1		TestAmerica Burlington Data Pack, job number: 200-13910-1

These Materials are Transmitted:

☐ For your use
☐ For your approval
☐ For your review and comment

☐ Approved as submitted
☐ Approved as noted
☒ Returned after loaned to us
☐ Returned for revision

Please: ☐ Return original to us
☐ Submit after revision

☐ Retain for your files
☐ Other

REMARKS:

Returned upon completion of data validation.

ADDITIONAL COPIES TO:

SIGNATURE:

Donald Anne'

CHIA

