

**2013 First Quarter Groundwater Monitoring Report
January - March 2013
Claremont Polychemical Corporation Site
505 Winding Road
Old Bethpage, Nassau County, NY 11804
Site Code: 130015
WA# D006130-19**

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
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Submitted: May 7, 2013

TABLE OF CONTENTS

Section	Page
CERTIFICATION.....	iii
1.0 INTRODUCTION	1
2.0 SITE BACKGROUND.....	2
2.1 Site Overview	2
2.2 Location.....	2
2.3 Site History	3
2.4 Site Geological Setting.....	3
3.0 GROUNDWATER TREATMENT SYSTEM.....	5
3.1 Groundwater Treatment System Description.....	5
3.2 System Evaluation Performance.....	6
3.2.1 Flow Rate.....	6
3.2.2 Treatment System Contaminant Removal.....	7
3.2.3 System Discharge Monitoring.....	7
4.0 GROUNDWATER MONITORING PROGRAM	8
4.1 Hydrological Data.....	8
4.2 Groundwater Sample Collection	8
4.3 Groundwater Test Results	8
4.3.1 Comparison to Historical Groundwater Quality	9
4.3.2 VOC Plume Evaluation	9
5.0 EXTRACTION WELL CONTAMINANT PROFILE AND MODIFICATION.....	11
6.0 CONCLUSIONS AND RECOMMENDATIONS	12
6.1 Conclusions.....	12
6.2 Recommendations	12

TABLE OF CONTENTS

(continued)

List of Figures

(follows text)

- 1 Site Location
- 2a Monitoring Well Network
- 2b Shallow Groundwater Elevation Contour
- 3a PCE Contamination – March 2013
- 3b TCE Contamination – March 2013

List of Tables

(follows figures)

- 1 Groundwater Elevations
- 2 Summary of Analytical Results – March 2013 (First Quarter 2013)

List of Charts

(follows tables)

- 1 Groundwater Influent Concentration (PCE, TCE, and 1,1-DCE) vs. Time
- 1a EXT-1 Concentration (PCE, TCE, 1,1-DCE) vs Time
- 1b EXT-2 Concentration (PCE, TCE, 1,1-DCE) vs Time
- 1c EXT-3 Concentration (PCE, TCE, 1,1-DCE) vs Time
- 2 Groundwater Influent Concentration (Iron and Manganese) vs. Time
- 3 Treated Effluent Concentration (PCE, TCE, 1,1-DCE) vs. Time
- 4 Treated System Effluent Concentration (Iron and Manganese) vs. Time
- 5 VOC Removal vs Time (PCE, TCE)
- 6a PCE and TCE Concentrations in EW-1a
- 6b PCE and TCE Concentrations in EW-4c
- 6c PCE and TCE Concentrations in SW-1

List of Appendices

- A Groundwater Sample Log

**2013 First Quarter Groundwater Monitoring Report
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Old Bethpage, New York 11804**

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CERTIFICATION

I, Adam Fox, certify that I am currently a Qualified Environmental Professional as defined in 6 Part NYCRR Part 375 and that this report, 2012 First Quarter Groundwater Monitoring 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).

Environmental Contractor: HRP Engineering, P.C.

By:

Adam Fox, P.E.

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Old Bethpage, New York 11804**

1.0 INTRODUCTION

HRP Engineering, P.C. (HRP) is pleased to submit this report containing groundwater quality data, discussions and data deliverables related to the First Quarter 2013 (January – March 2013) groundwater monitoring event conducted at the Claremont Polychemical Corporation Site (hereinafter referred to as the “Site”) (Figure 1). The groundwater monitoring event and the preparation of this deliverable are part of the routine groundwater monitoring program being conducted at the Site. This report has been prepared for submittal to the New York State Department of Environmental Conservation (NYSDEC) and includes the following:

- Brief overview of historical site activities;
- Discussion of the on-site groundwater treatment system;
- Brief description of the scope of the field activities;
- Groundwater elevation contours;
- Tetrachloroethylene (PCE) and trichloroethylene (TCE) contaminant concentration profiles in groundwater;
- Maximum groundwater PCE and TCE contaminant concentrations discussion;
- Brief discussion of the groundwater quality data;
- Comparison of data from this monitoring period to data from previous periods; and
- Recommendations and Conclusions.

2.0 SITE BACKGROUND

2.1 Site Overview

The Claremont Polychemical Corporation (Claremont), a former manufacturer of pigments for plastics and inks, coated metal flakes, and vinyl stabilizers, operated on-site from 1966 to 1980. The Site was proposed for inclusion on the Environmental Protection Agency (EPA) National Priorities List (NPL) in October 1984 and was listed as a superfund site in June 1986. A Comprehensive Remedial Investigation/ Feasibility Study (RI/FS) for the Site was initiated in March 1988 by the EPA. Under this RI/FS, EPA sampled the surface and subsurface soil, the groundwater, underground storage tanks, and the building. The EPA RI/FS reports were released to the public in August 1990. The EPA RI/FS findings indicated that on-site soils contaminated with PCE, located in the former "spill area", constituted a potential threat to groundwater resources. A comprehensive remedy for the Site was completed and documented in several EPA Records of Decisions (RODs) issued in 1989-1990. The Site was divided into six operable units (OU), each with a specific remedial activities. Operable Unit No.4 (OU IV) is designated "Remedial Program" and involves the treatment of the on-site volatile organic compounds (VOC) that have contaminated the groundwater treatment system.

A groundwater treatment system was installed on-site by the EPA and Army Corp of Engineers (ACOE) to control Operable Unit No.4 (OU IV). Full-scale operation of the groundwater remedial system began in February 2000, reportedly pumping and treating 470 gpd (gallons per day). SAIC Inc. operated and maintained the treatment system from 2000 to May 2011. During that period SAIC monitored the treatment system operation on a regular basis by collecting system discharge and quarterly groundwater samples. In May 2011, the operation, maintenance, and sampling of the remediation system was relinquished from the ACOE/EPA to the NYSDEC, who subsequently retained HRP to operate, maintain and sample the remediation system.

During the work responsibility transition from the EPA to the NYSDEC, the NYSDEC requested copies of reports and analytical results generated during the EPA's operations of the remediation system, including but not limited to quarterly groundwater sampling data from SAIC, EPA Region 2 and the ACOE. Previous groundwater monitoring reports were not available for HRP's review. Therefore, the historical groundwater data was not reviewed by HRP and incorporated into this report.

2.2 Location

The site is located on a 9.5-acre parcel located in an industrial section of Old Bethpage, Nassau County, New York (see Figure 1 for location). The property has one two-story building, covering approximately 35,000 square feet (the former processing plant) and a water treatment building, covering approximately 5,200 square feet. The site lies approximately 800 feet east of the border between Nassau and Suffolk County and the site is accessed via Winding Road

on the property's western border. Adjacent properties include:

South and Southeast - Bethpage State Park and a golf course;
East - State University of New York-Farmingdale Campus;
West - Oyster Bay Solid Waste Disposal Complex; and
North - Commercial and light industrial.

The Oyster Bay Solid Waste Disposal Complex is a NYSDEC Superfund Site with the Town of Oyster Bay as the responsible party. The Nassau County Fireman's Training Center, which has also contributed to soil and groundwater contamination in the area, is located approximately 500 feet south of the Oyster Bay Solid Waste Disposal Complex. The Oyster Bay Solid Waste Disposal Complex and Fireman's Training Center have groundwater extraction and treatment systems in operation. In addition, the golf course has a number of pump/irrigation wells, which are used for watering their fairways. The closest residences are approximately one-half mile from the site immediately west of the Old Bethpage Landfill Superfund site. The nearest public supply well is located 3,500 feet northwest of the site and nearly 47,000 people are drawing water from private-use wells located within three miles of the site.

2.3 Site History

According to the "Five - Year Review Report for Claremont Polychemical Corporation" prepared by EPA Region 2, dated September 2008, the Claremont Polychemical Corporation manufactured pigments for plastics and inks, coated metal flakes, and vinyl stabilizers operated from 1966 to 1980. During its operation, Claremont disposed of liquid waste in three leaching basins and deposited solid wastes and treatment sludges in drums or in old, aboveground metal tanks. The principal wastes generated were organic solvents, resins and wash wastes (mineral spirits). Located inside the process building were a solvent recovery system (steam distillation), two pigment dust collectors and a sump. To the west of the building, there were five concrete treatment basins, each with a capacity of 5,000 gallons, which contained sediments and water. Six aboveground tanks, three of which contained wastes, were located east of the process building. Other features included an underground tank farm, construction and demolition debris, dry wells and a water supply well.

2.4 Site Geological Setting

The "Claremont Polychemical Superfund Site Long-term Groundwater Monitoring Old Bethpage, New York" report prepared by SAIC and dated December 2001 reported that site-specific subsurface investigations from a variety of soil borings and monitoring/injection/extraction well installations to a maximum depth of 250 feet below ground surface (bgs) identified "well-stratified fine to medium sand with silt lenses, abundant peat laminae, and discontinuous sand layers" (Ebasco, 1990). Borings in the northern portion of the site also encountered numerous interbedded silt and clay horizons. A comparison of Site

logs with municipal supply well logs to the north suggest that the Site is located within a transitional area between the predominately sandy southern portion of the Magothy Formation and an interbedded clayey-sand portion to the north (Ebasco, 1990).

Further the report indicated that historically groundwater flow is generally to the south-southeast with historical gradients ranging from 0.001-0.002 ft/ft (feet) and horizontal flow velocities of 0.43 ft/day or 157 ft/yr (Ebasco, 1990). Groundwater elevations are depressed in the areas of the extraction wells while the system is in operation. Hydraulic permeability (slug) tests performed during the EPA RI calculated hydraulic conductivities ranging between 200 and 400 gdp/ft² which is significantly lower than historical data from actual pump tests. The vertical component of flow was historically less than 0.5 ft/ft and lacked any consistency or pattern. It was thus determined to be insignificant with respect to contaminant movement (Ebasco, 1990).

The report also indicated that the direction of groundwater flow from the western portion of the site is to the east, south and southeast and reverses on the eastern and southeastern portions of the site. The gradient was reported to be approximately 0.024 ft/ft as measured between monitoring wells SW-1 and SW-2 over a distance of approximately 500 ft. The semi-radial component of flow and steep gradient are indicative of the groundwater extraction system's capture zone. However, groundwater levels were recorded from five sets of clustered monitoring wells, or 13 data points, in and around the source area. Hence, the report concluded that the capture zone is not realistically defined as it tends to center around monitoring well cluster SW-2/DW-2 instead of the three extraction wells slightly to the southeast. HRP agrees that additional definition is warranted to better define Claremont's contribution to regional groundwater contamination and to refine our understanding of the capture zone of the on-site system.

3.0 GROUNDWATER TREATMENT SYSTEM

A description of the groundwater treatment system and a review of its effectiveness of contamination recovery and hydraulic control are provided below.

3.1 Groundwater Treatment System Description

The groundwater treatment system, which is designed to treat metals, organic contaminants, and provide final pH adjustment consists of an extraction system, above-ground treatment, and a reinjection system. Each of the system components is discussed below.

Groundwater Treatment System Extraction Wells

The groundwater collection system consists of three extraction wells (EXT-1, EXT-2, and EXT-3) installed approximately 150 feet apart south of the site oriented in a southwest-northeast line. The wells are screened from approximately 60 feet mean sea level (MSL) (just below the water table) to approximately 30 feet MSL and are outfitted with 10 horsepower pumps. Each extraction well pump is capable of pumping up to 200 gpm. However, historically, EXT-1, EXT-2, and EXT-3 extract 190 gpm, 188 gpm, and 175 gpm for a total of approximately 553 gpm, respectively. The average flow rate over the course of a month is approximately 350 to 390 gpm. This average pumping rate translates to approximately 500,000 to 560,000 per day which meets the on-site remedy goal of treating 500,000 gallons per day.

It is important to note that in April/May 2011, SAIC replaced the Equalization tank level controllers, which formerly controlled the extraction well pumps, with level transducers located in the extraction wells. The level transducers allow the extraction pumps to maintain a static water level in the extraction wells and a more consistent capture zone. Each well pump is controlled by a well transducer that maintains a groundwater elevation of 38.3 to 46.7 feet MSL.

Based on discussions with the NYSDEC and HRP regarding the 2012 Remedial System Optimization (2012 RSO), the extraction wells were temporarily suspended on December 5, 2012 to allow for groundwater sampling and analysis to evaluate contaminant profiles across the screened intervals. Based on this evaluation, extraction wells EXT-1 and EXT-2 are being retrofitted with packers to focus groundwater removal to shallow groundwater from the site. Following completion of the retrofit, pumps will be reinstalled and the treatment system will be re-activated.

Groundwater Treatment System Path of Remediation

Groundwater pumped from the extraction wells enters a 60,000-gallon equalization tank situated adjacent to the treatment building. Water from the equalization tank flows through two parallel metals-removal trains that are each rated for 250 gpm. Each train includes a reaction tank, a flocculation tank, a clarifier, and a filter and is followed by air-stripper feed tanks. The feed tanks divert the water through a single packed tower air stripper rated at an average

rate of 500 gpm and then through parallel liquid phase carbon units each rated at 250 gpm. The air emission from the air stripper is treated with vapor phase carbon. The treated water is then stored in two 42,000-gallon vessels prior to reinjection to the subsurface via four butterfly valve injection wells and/or two infiltration galleries located on the adjacent SUNY Farmingdale campus. The extraction wells are equipped with high-level alarms and are regularly gauged. However, the infiltration galleries are not equipped with level sensors or alarms.

In 2001, after the first nine months of operation, the addition of oxidizing chemicals (potassium permanganate) to the metals removal system was discontinued as the influent metals analytical concentration to the plant met EPA discharge standards for metals. Water continues to flow through the metals portion of the treatment system.

The remediation system is manned by two operators working 40- to 50-hour weeks, and an autodialer (telemetry unit) is installed to contact the operators in case of plant alarms. The operators typically respond to alarms within 30 minutes.

Groundwater Treatment System Operating Permits

Water Permit

The plant was issued a water discharge permit dated January 1, 1998. According to Brian Baker, NYSDEC Section Chief, Western Section, Bureau of Water Permits the permit was extended to the end of calendar year 2013, therefore a permit renewal application needs to be submitted to the NYSDEC Bureau of Water permits by July 1, 2013 in order to review the application and complete a permit reauthorization. It is important to note that the NYSDEC Bureau of Water does not have regulatory authority over a discharge from a State, PRP, or Federal Superfund Site. Therefore, Effluent Limitations and Monitoring Requirements outlined in the permit must be submitted to the NYSDEC Division of Environmental Remediation, Remedial Bureau E.

Air Permit

An air permit is not required for the remediation system operation. In particular, NYSDEC regulation 6 NYCRR Part 375-1.7 states that "no permit is required when the substantive compliance is achieved as indicated by the NYSDEC approval of the workplan". Based on a review of the information pertaining to the remediation system, volatile organic compounds (VOCs) air emissions from the remediation system historically have been negligible.

3.2 Groundwater Treatment System Performance Evaluation

3.2.1 Flow Rate

The volume of treated water discharged by the treatment plant to the injection well field is determined daily from readings of the magnetic flow

meter on the plant effluent line. Since startup, the system has treated more than 1.86 billion gallons of groundwater. During the first quarter of 2013 (January 2013 - March 2013), the treatment system was not operational while analytical data from extraction wells EXT-1 and EXT-2 was reviewed to determine which specific pump depth located in the screened intervals of extraction wells in the extraction wells should have groundwater extracted from.

Flow to infiltration galleries IG-1 and IG-3 is restricted so that flow to IW-1 and IW-3 is maximized. The plant's effluent discharge is limited by injection pump system capacity.

3.2.2 Groundwater Treatment System Contaminant Removal

To evaluate the treatment system's contaminate removal rate, HRP reviewed available treatment system inlet (Charts 1, 1a, 1b, 1c and 2) and effluent analytical results from monthly operation and maintenance (O&M) sampling when the system is operational. A plot of historic mass removal rates and cumulative PCE and TCE mass removal is presented as Chart 5. In addition, HRP prepares and submits monthly Groundwater Treatment System O&M Activities reports which discusses monthly O&M activities, technical support, remediation system sample results and project goals meet.

3.2.3 Groundwater Treatment System Discharge Monitoring

When the system is operational, effluent data for select VOC compounds (PCE, TCE, and 1,1-DEC) and metals (Iron and Manganese) are analyzed to evaluate compliance with established effluent discharge limits. Charts 3 and 4 show that the past effluent concentrations remained below permissible levels. It should be noted that since the groundwater treatment system has not been in operation during the first quarter 2013, there is no system sampling data to review. Refer to the monthly O&M and the Significant Events reports for additional information on remediation system performance and daily operations.

4.0 GROUNDWATER MONITORING PROGRAM

From March 25 and 26, 2013 HRP sampled a total of 41 on-site and off-site monitoring wells. On-site monitoring wells included DW-1, DW-2, EW-5, EW-7C, EW-7D, EW-8D, EW-9D, and SW-1. Off-site wells included BP-3A, BP-3B, BP-3C, EW-1A, EW-1B, EW-1C, EW-2A, EW-2B, EW-2C, EW-2D, EW-3A, EW-3B, EW-3C, EW-4A, EW-4B, EW-4C, EW-4D, EW-6A, EW-6C, EW-10C, EW-11D, EW-12D, EW-13D, EW-14D, LF-02, MW-6D, MW-8A, MW-8B, MW-8C, MW-10B, MW-10C, MW-10D, WT-01. In addition, the three extraction wells are typically sampled by isolating each recovery well pumps production water, however, the three extraction wells (EXT-1, EXT-2, and EXT-3) were sampled on December 17, 2012 utilizing PDBs. The monitoring well locations are depicted in Figure 2a. A description of the groundwater sampling event is provided below.

4.1 Hydrological Data

At the time of sample collection, static groundwater levels were measured at all 41 locations on March 21, 2013. Depths to groundwater in December 2012 when the PDB were installed ranged from 42.52 ft (EW-14D) to 100.00 ft (EW-11D) below ground surface (bgs). Depths to groundwater in March 2013 when the PDB were retrieved ranged from 41.51 ft (EW-14D) to 100.56 ft (EW-11D) bgs. The inferred groundwater flow direction is to south-southeast. Overall, groundwater elevations (Table 1) and inferred groundwater flow direction based on groundwater elevation contours (Figure 2b) were consistent with previous data.

4.2 Groundwater Sample Collection

The first quarter 2013 monitoring event samples were collected utilizing passive diffusion bags (PDBs), inserted into the monitoring wells. PDBs were first utilized for sample collection during the May 2012 sample event. PDBs were placed at predetermined, fixed depths (Appendix A) on December 17, 18, and 19, 2012 following the fourth quarter 2012 sampling event. On March 25 and 26, 2013, HRP collected and sampled the PDBs. At the time of sample collection, the PDB bag is retrieved, pierced with a decontaminated item, and the water inside is collected in VOA vials with septum caps, preserved with HCl. The VOA vials are labeled and placed in a cooler with ice.

The samples were submitted to Test America Laboratory, of Edison, New Jersey, an NYSDOH ELAP approved laboratory, to be analyzed for VOCs via EPA Method 8260. A list of wells sampled and analytical results are presented in Table 2. Based on the historic analytical results of metals, groundwater sampling for metals was discontinued by the NYSDEC following the July 2011 sampling event.

4.3 Groundwater Analytical Results

To assess the status of groundwater quality at the Site and adjacent area which has monitoring wells, HRP compared collected analytical data from the March

2013 sampling event to historical conditions and to applicable NYSDEC water quality criteria. Compounds detected above criteria during the March 2013 sampling event include tetrachloroethylene, trichloroethylene, cis-1,2-dichloroethylene, 1,1-dichloroethylene, vinyl chloride, 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1,2-trichlorotrifluoroethane, and benzene. See Table 2 for complete results. The measured VOC concentrations during this event are generally consistent with results from the December 2012 sampling event results, during which the extraction wells were also shut off for a portion of the PDB contact time.

However, the fourth quarter 2012 and the first quarter 2013 groundwater sampling results are slightly higher in then in the third quarter 2012 and historical analytical sample results. With the groundwater treatment system operation temporarily suspended to complete the analysis of contaminated intervals and the optimization study to limit pumping intervals, the previous unsaturated intervals around the extraction wells were allowed to return to equilibrium and became saturated. It is assumed that the contamination desorbed from the recently saturated soil into the groundwater. Comparisons to applicable criteria facilitated evaluation of compliance with water quality standards (Table 2).

4.3.1 Comparison to Historical Groundwater Quality

The attached charts (Chart 6a through Chart-6c) illustrate the historical concentration trends for PCE and/or TCE in three wells (EW-1a, EW-4c, SW-1). These wells were selected due to consistent elevated VOC analytical results and the presence of sufficient historical data. In all cases, the results indicate a general downward trend in VOC concentrations (Charts 6a through 6c).

4.3.2 Plume Evaluation

An assessment of groundwater contamination distribution was conducted by creating contaminant isopleth charts depicting PCE and TCE concentrations versus time (Figures 3a and 3b). However, to provide a more complete understanding of the plume behaviors, cross sections and plume footprint maps (Figures 3a and 3b) were generated for this sampling event. A monitoring well network not samples as part of the Claremont Site monitoring program, but with the Former American Louvre site and the Old Bethpage Landfill site are also represented on the map as these sites are located hydraulically upgradient from the Claremont Site. Historically, isopleths were generated for three distinct horizons, based on the screen elevations of monitoring wells. These horizons are comparable to those historically identified in previous reports completed by others.

PCE Contamination (Figure 3a)

PCE has historically been present above groundwater criteria in two zones of the monitored area. Cross section A-A' east of the site shows

an on-site migrating PCE plume with maximum observed concentrations of 21 ug/l at EW-4d. A separate plume appears to originate on-site, with maximum concentrations of 110 ug/l in SW-1 (cross section C-C'). These plumes seem to be separate (Cross section B-B'). Additional exceedances were noted in the southern portion of the study area, centered on wells BP-3b and BP-3c (23 ug/l).

TCE Contamination (Figure 3b)

TCE contamination is predominant to the east of the site building (Cross section A-A'), and is at its highest concentration (440 ug/l) in well EW-7c, upgradient of the site. This plume appears to be separate from an onsite generated plume (Cross section B-B'), and may extend to the southeast towards EW-14d (320 ug/l). The on-site generated plume has maximum observed concentrations of 15 ug/l in SW-1 (Cross section C-C'). As with PCE contamination, additional exceedances were noted in the southern portion of the study area, centered on well BP-3c (21 ug/l).

5.0 EXTRACTION WELL CONTAMINANT PROFILE AND MODIFICATION

On December 5, 2012, the recovery pumps were removed from the extraction wells and a series of PDBs were deployed in each extraction well at several predetermined depths described below to evaluate the contributing zones of contamination in each extraction well. Previous to this sample event, the extraction wells had not been sampled utilizing PDBs, they were sampled in a single stream through the use of the extraction system utilizing the pumps. Prior to this data was used to optimize recovery pump placements and install packers to limit groundwater flow from clean screened intervals in the extraction wells.

Contaminated groundwater was observed in EXT-1 and EXT-2 in the shallowest samples, and throughout EXT-3. Packers are scheduled to be installed in EXT-1 and EXT-2 to concentrate groundwater removal to the impacted depths. Following installation of the packers, all three pumps will be replaced, and system operation will resume.

PDBs were deployed on December 6, 2012. The 18-inch samplers were centered at the following depths:

EX-1: 83', 93', 103', 129', 139', 149', 159', 169',
EX-2: 99', 109', 119', 141', 151', 161', 171', 181',
EX-3: 99', 109', 119', 129', 139', 155', 165', 175', 185'.

On December 27, 2012, the PDBs were retrieved, pierced, and the water inside was collected in VOA vials and preserved with HCl. The vials were labeled and placed in a cooler with ice.

The samples were submitted to Test America Laboratory, of Edison, New Jersey, an NYSDOH ELAP approved laboratory, to be analyzed for VOCs via EPA Method 8260. A list of wells and analytical results are presented in Table 3. Contaminant profiles for PCE and TCE are presented in Appendix B.

EXT-1 – No VOCs were detected above applicable water quality standards.

EXT-2 – TCE (6.0 ug/L) and PCE (17.0 ug/L) were detected above water quality standards in only the shallow most sample (99' bgs). These shallow impacts indicate that the source of contamination may be local to EXT-2 and may be a result of contamination from the Claremont site.

EXT-3 – TCE exceeded water quality standards in all sampled horizons, with minimum concentrations at 99' (5.3 ug/L) and maximum concentrations detected at the 175' interval (20 ug/L). While this indicates the predominance of an off-site plume, impacts from the Claremont Site cannot be ruled out. PCE exceedances were observed in the uppermost three sampling horizons [99' (8.7 ug/L), 109' (7.4 ug/L), 119' (5.9 ug/L)] indicating a potential local release from the Claremont site.

6.0 **CONCLUSIONS AND RECOMMENDATIONS**

6.1 **Conclusions**

HRP completed a groundwater monitoring event in March 2013 at the Claremont Polychemical Corporation site, in which groundwater samples from 44 wells were collected. Analysis of the data has resulted in the following conclusions:

- A groundwater plume of VOCs, primarily PCE originates from the south of the main site building;
- Additional co-mingled plumes (potentially former American Louvre site, Old Bethpage Landfill, Trilite Site, and/or the Fireman's Training Center) migrate into the study area, and are marked by TCE predominance. This conclusion is based on the contamination noted in the upgradient monitoring wells first observed in groundwater monitoring wells at the Site. The upgradient wells and southeastern wells are out of the radius of influence of the remediation system;
- Some or all of the TCE plume originating northeast of the site is not being captured by the current treatment system;
- Two plumes identified southeast of the site may be related to the northernmost plume, although based on the current monitoring network, data gaps between the plumes exist;
- The VOC data collected through PDB sampling is generally consistent with historically observed concentrations in samples collected via low flow sampling protocols; and
- Data gaps reported in the 2012 RSO have been confirmed. Additional subsurface data information is needed to evaluate potential source areas in the southern and eastern portions of the site and their contributions to shallow groundwater contamination observed in EXT-2 and EXT-3.

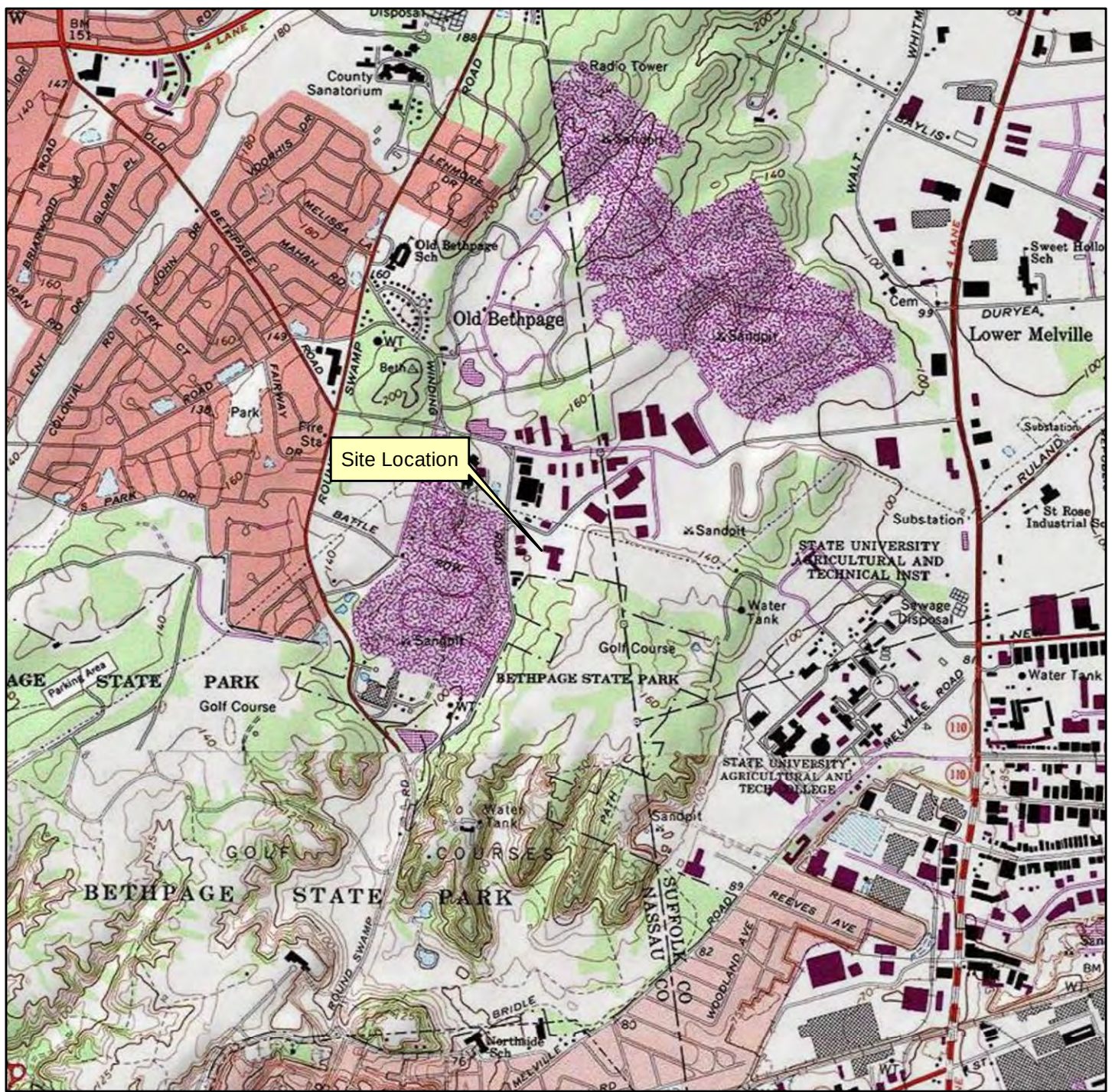
6.2 **Recommendations**

Based on analysis of data collected during this and historical events, HRP has the following recommendations for the Claremont Polychemical Corporation site:

- Modification of EXT-1 and EXT-2 including the placement of well packers to concentrate groundwater recovery from the highest remaining contaminated intervals of the extraction wells to and resumption of normal system operations;

- Resample the groundwater in the three extraction wells in December 2013 to observe any contamination concentrations changes due to remediation system remediation or plume migration as compared to the Decemebr 2012 analytical results;
- Continued quarterly VOC monitoring of 41 observation wells using PDBs; and
- Investigation of shallow groundwater and soils in the southern and eastern portions of the site and down gradient to identify the source and connectivity of the plumes or elevated concentrations identified in the MW-10 well cluster, the BP-3 well cluster and specifically at EW-14D (Figure 3d).

FIGURES



USGS Quadrangle Information
 Quad ID: 40073-G4
 Name: Huntington, New York
 Date Rev: 1977
 Date Pub: 1979

0 1,000 2,000 4,000 6,000 8,000 Feet
 1 inch = 2,000 feet



Figure 1
Site Location
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM
Site Code 130015
Scale 1" = 2,000'

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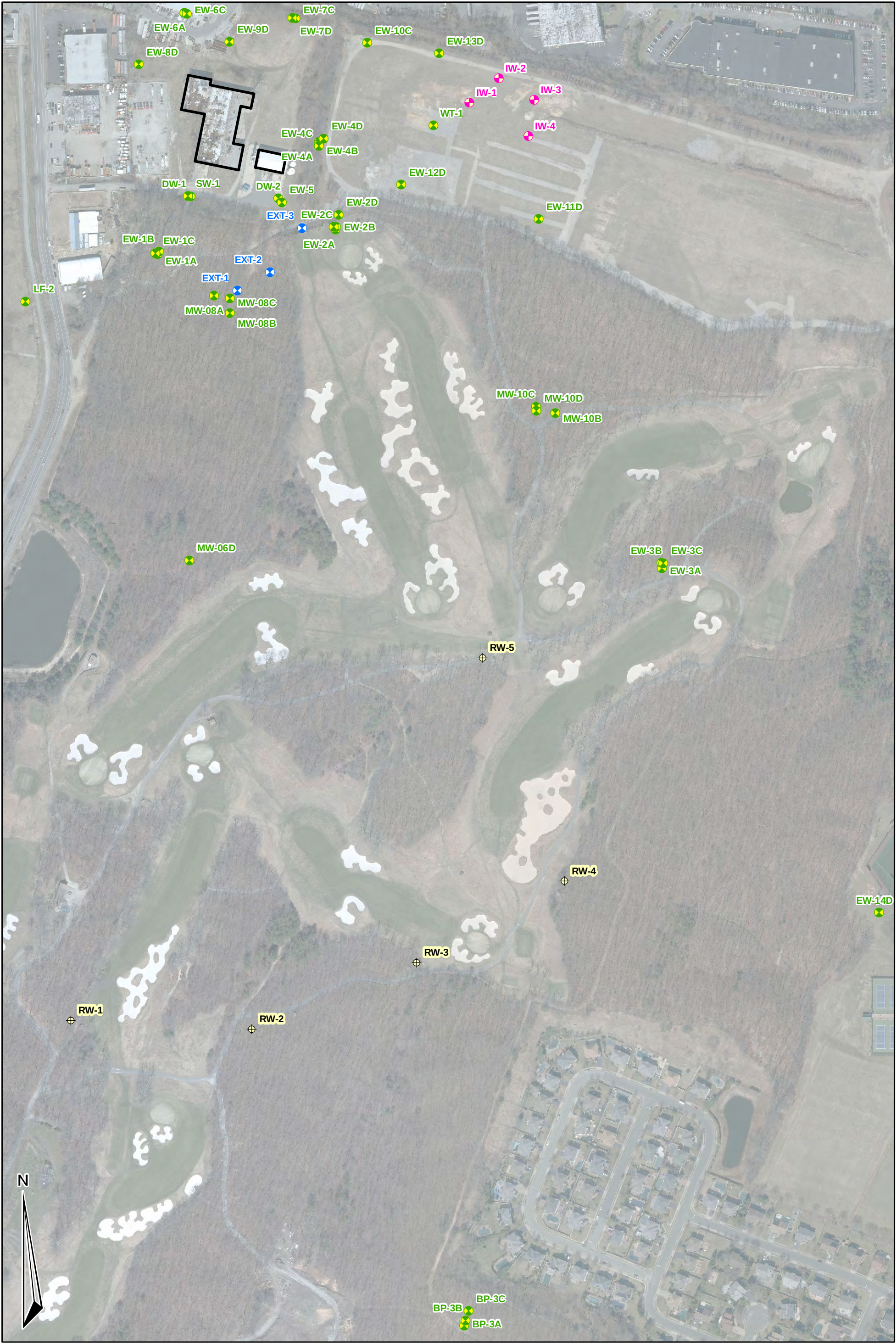
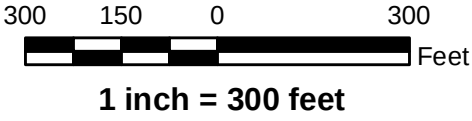


Figure 2a- GWTS Well Network
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM Site Code 130015
Scale 1" = 300'



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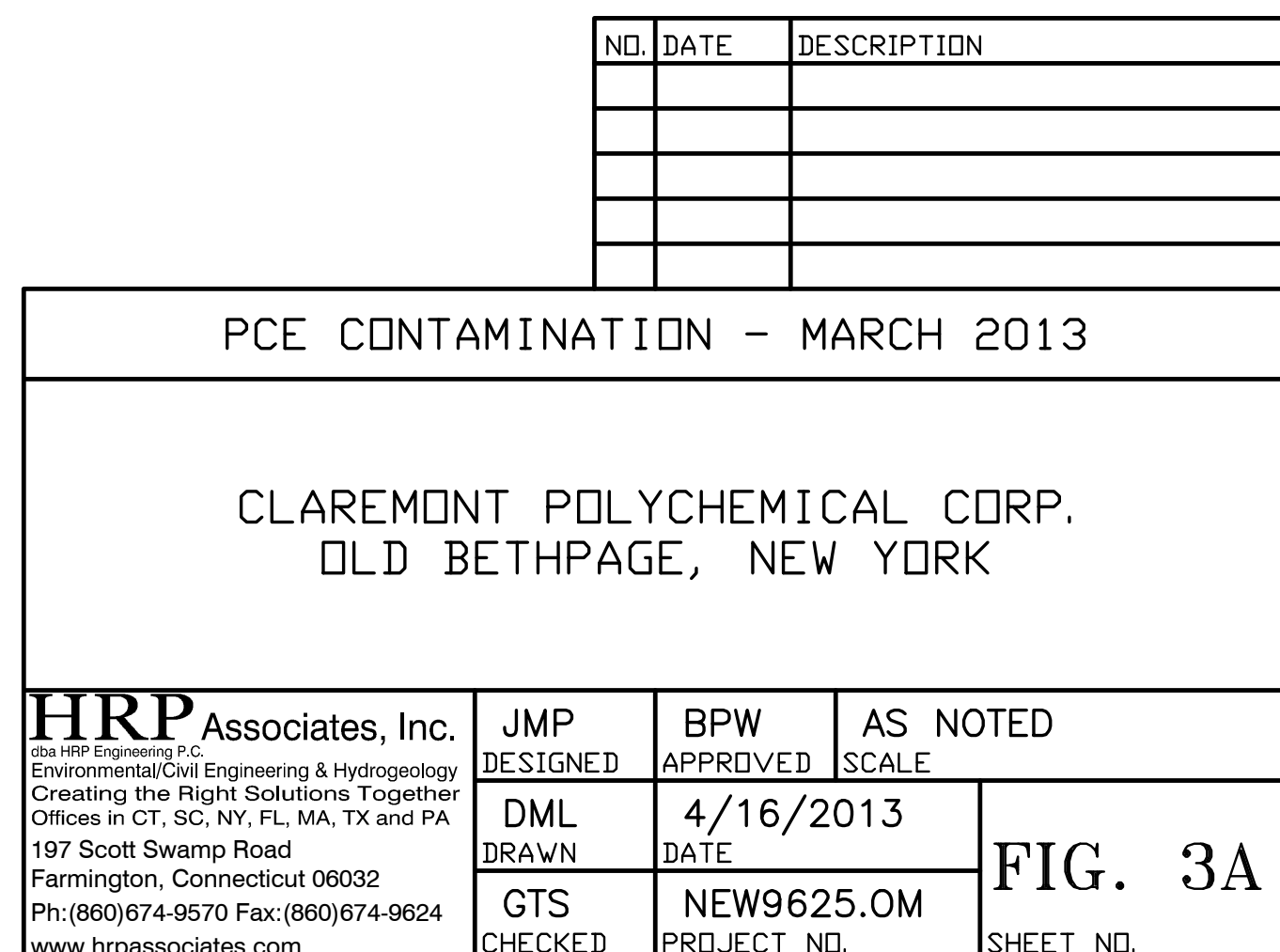
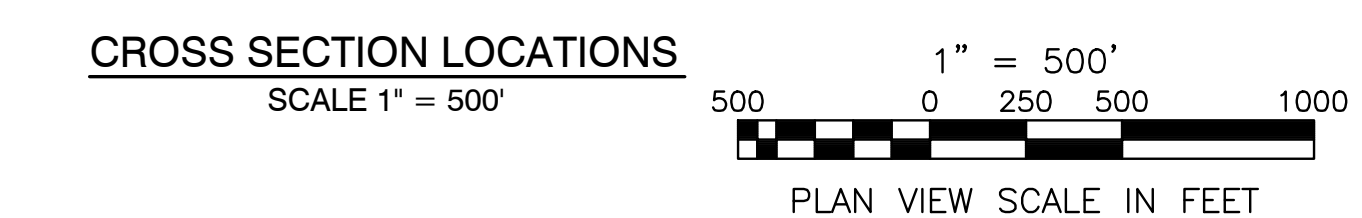
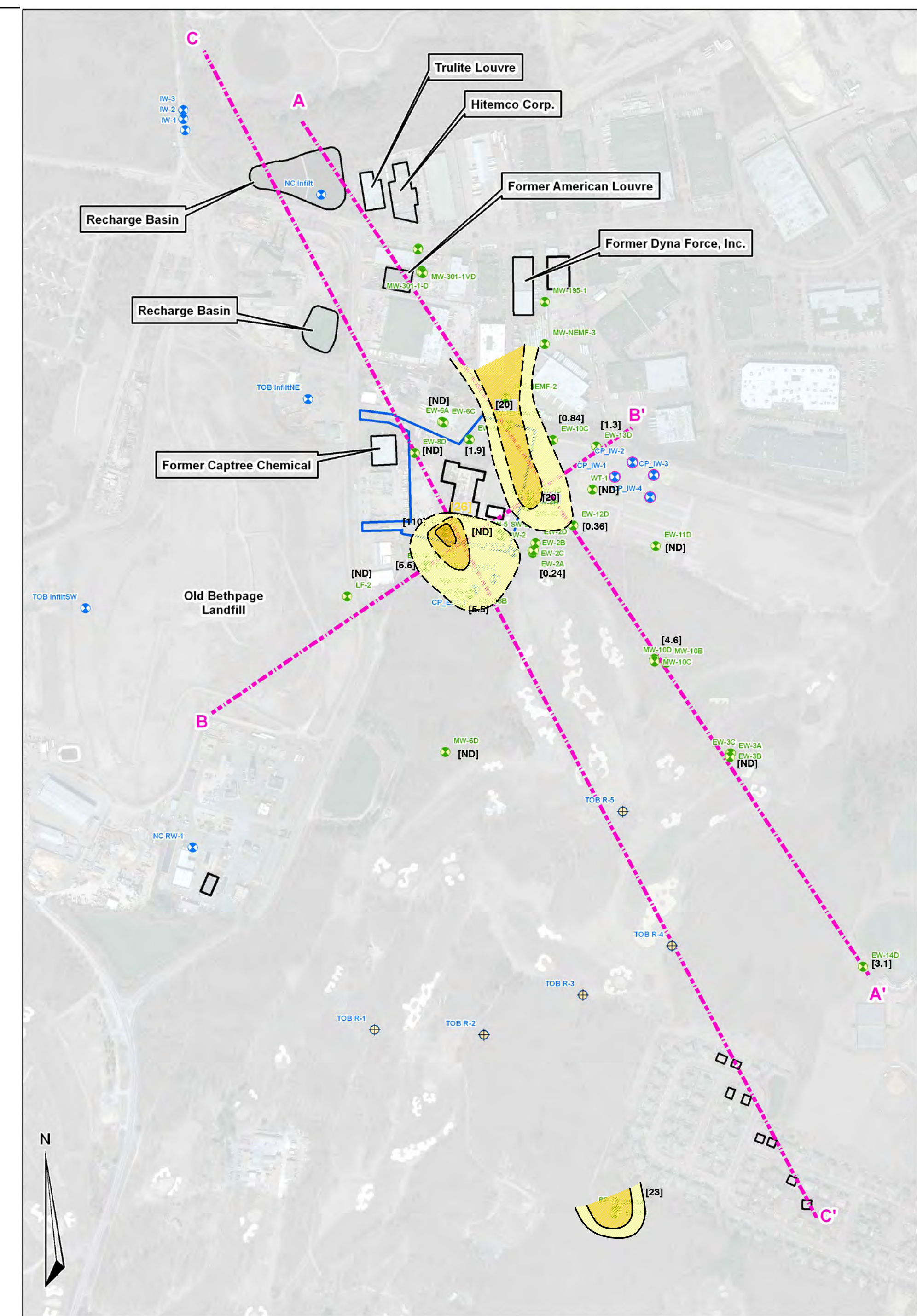
Figure 2b
Shallow Groundwater
Elevation Contours
March 2013
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM
Site Code 130015
Scale 1" = 200'

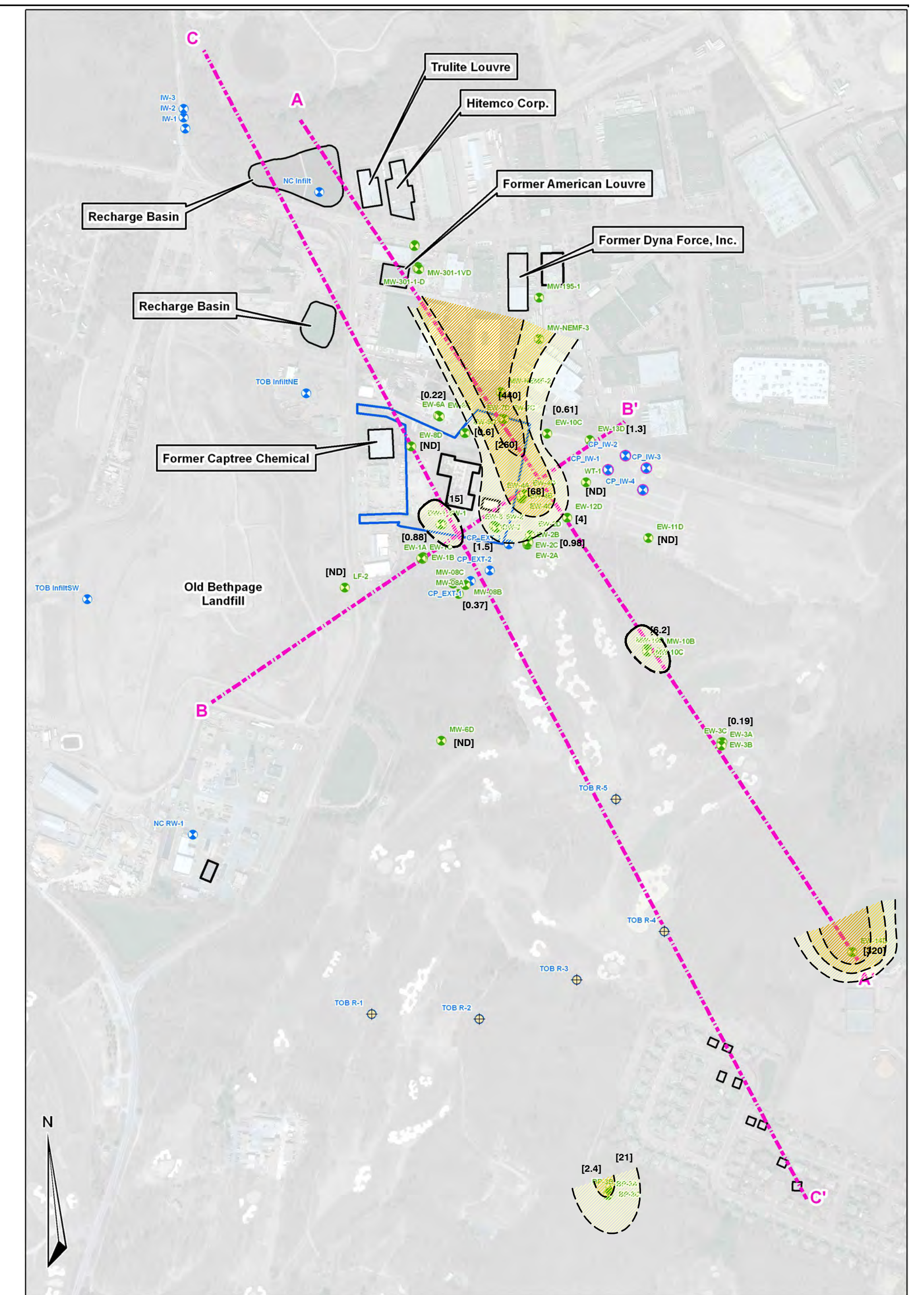
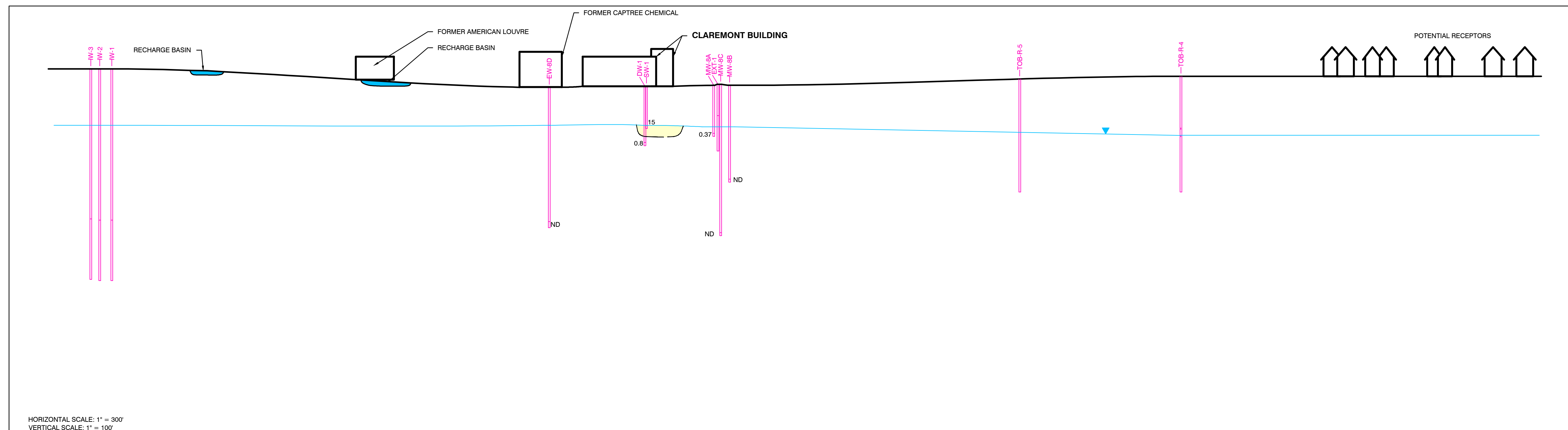
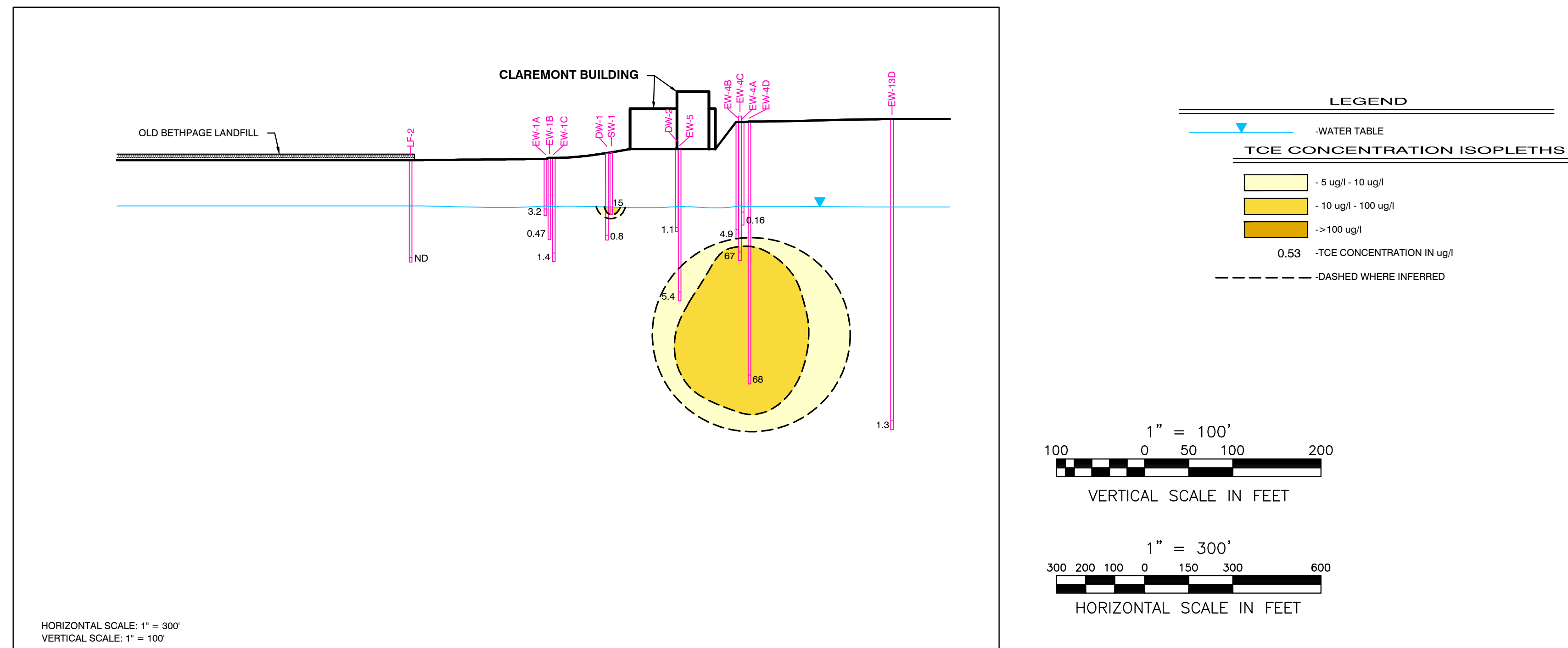
Legend

- Monitoring Well
- Extraction Well
- Injection Well
- Oyster Bay Extraction Well
- March 2013 Groundwater Contours

Note: Contours dashed where inferred.

HRP Associates, Inc.
dba HRP Engineering P.C.
Environmental/Civil Engineering & Hydrogeology
Creating the Right Solutions Together
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www.hrpassociates.com





CROSS SECTION LOCATIONS
SCALE 1" = 500'

500 0 250 500 1000

PLAN VIEW SCALE IN FEET

NO.	DATE	DESCRIPTION

TCE CONTAMINATION - MARCH 2013

**CLAREMONT POLYCHEMICAL CORP.
OLD BETHPAGE, NEW YORK**

HRP Associates, Inc. 315 Hill Engineering P.C. Environmental/Civil Engineering & Hydrogeology Creating the Right Solutions Together Offices in CT, SC, NY, FL, MA, TX and PA 197 Scott Swamp Road Farmington, Connecticut 06032 Ph: (860) 674-9570 Fax: (860) 674-9624 www.hrpassociates.com	JMP DESIGNED	BPW APPROVED	AS NOTED SCALE
	DML DRAWN	4/16/2013 DATE	FIG. 3B SHEET NO.
	GTS CHECKED	NEW9625.0M PROJECT NO.	

TABLES

WELL	TOC-PDB	Date Bag Installed	DTW at Install	Sample Date	Sample Time	DTW at sample	TOB Split	Notes:
BP3A	65	18-Dec	64.10	26-Mar	13:43	63.85	2VOA	
BP3B	225	18-Dec	65.90	26-Mar	13:52	65.00	2VOA	
BP3C	390	18-Dec	64.10	26-Mar	14:06	65.20	2VOA	
DW1	94	18-Dec	65.60	25-Mar	8:32	65.10		
DW2	100	18-Dec	71.40	25-Mar	8:10	70.85		
EW01A	72	17-Dec	64.05	26-Mar	8:24	64.00	2VOA	XXX dups
EW01B	96	17-Dec	65.05	26-Mar	8:40	64.39	2VOA	
EW01C	122	17-Dec	64.53	26-Mar	8:48	64.44	2VOA	
EW02A	95	17-Dec	92.60	25-Mar	9:42	92.30	2VOA	XXX
EW02B	124	17-Dec	92.40	25-Mar	9:49	92.30	2VOA	
EW02C	143	17-Dec	92.84	25-Mar	9:55	92.30	2VOA	
EW02D	295	17-Dec	93.53	25-Mar	10:00	92.73		
EW03A	100	17-Dec	97.10	25-Mar	10:10	96.42	2VOA	XXX
EW03B	130	17-Dec	97.20	25-Mar	10:18	96.57	2VOA	
EW03C	159	17-Dec	97.10	25-Mar	10:23	96.46	2VOA	
EW04A	108	17-Dec	96.30	26-Mar	9:56	96.03		XXX
EW04B	126	17-Dec	96.33	26-Mar	10:03	96.20		
EW04C	151	17-Dec	96.08	26-Mar	10:07	95.89		
EW04D	291	17-Dec	96.55	26-Mar	10:14	95.90		
EW05	170	18-Dec	72.30	25-Mar	8:18	70.40		
EW06A	66	18-Dec	63.50	25-Mar	8:52	63.00		XXX
EW06C	165	18-Dec	63.80	25-Mar	8:51	63.35		
EW07C	198	18-Dec	87.62	25-Mar	13:09	86.95		
EW07D	279	18-Dec	87.59	25-Mar	13:23	87.05		
EW08D	239	18-Dec	65.32	25-Mar	9:12	64.70		
EW09D	251	18-Dec	70.37	25-Mar	9:04	70.80		
EW10C	146	17-Dec	94.92	26-Mar	10:25	94.65		
EW11D	277	17-Dec	100.00	26-Mar	9:38	100.56		
EW12D	216	17-Dec	99.40	26-Mar	9:46	99.20		
EW13D	346	17-Dec	99.80	26-Mar	10:32	95.21		
EW14D	191	18-Dec	42.52	26-Mar	9:19	41.55		
LF02	112	19-Dec	52.54	26-Mar	8:10	52.43	2VOA	
MW06D	187	18-Dec	96.05	25-Mar	13:43	95.90	2VOA	
MW08A	87	18-Dec	69.98	25-Mar	14:42	69.30	2VOA	
MW08B	157	18-Dec	68.90	25-Mar	14:49	68.85	2VOA	
MW08C	248	18-Dec	71.30	25-Mar	15:04	70.25	2VOA	
MW10B	175	18-Dec	98.55	25-Mar	10:33	97.60	2VOA	
MW10C	273	17-Dec	97.30	25-Mar	10:42	96.65	2VOA	
MW10D	347	17-Dec	98.15	25-Mar	10:48	97.15	2VOA	
SW1	68	18-Dec	65.80	25-Mar	8:31	65.15		
WT01	102	18-Dec	95.05	26-Mar	10:42	98.90		dups
EW-01A	Dup						XXX	take water level readings on the same day.
WT01	Dup							
TB-1	TB							
RB-1	RB							

Table 1: Groundwater Elevations
Claremont Polychemical Superfund Site
March 2013 (1Q13) Groundwater Sampling Event
Old Bethpage, NY
HRP#NEW9625.OM
Site Code: 130015
WA# D006130-19

	Mar-13		
Well ID	Measurement Date	Depth to Water Below Ref El ^b (ft)	Water Elevation (ft AMSL)
EW-1A	21-Mar-13	63.90	66.10
EW-1B	21-Mar-13	64.45	66.08
EW-1C	21-Mar-13	64.45	65.99
EW-2A	21-Mar-13	92.05	65.31
EW-2B	21-Mar-13	92.25	65.48
EW-2C	21-Mar-13	92.25	65.41
EW-2D	21-Mar-13	92.95	65.29
EW-3A	21-Mar-13	96.35	62.60
EW-3B	21-Mar-13	96.45	62.64
EW-3C	21-Mar-13	96.30	62.65
EW-4A	21-Mar-13	95.80	65.98
EW-4B	21-Mar-13	95.85	65.95
EW-4C	21-Mar-13	95.60	65.94
EW-4D	21-Mar-13	95.95	65.82
EW-5	21-Mar-13	70.45	66.53
EW-6A	21-Mar-13	63.09	67.23
EW-6B	abandoned		
EW-6C	21-Mar-13	63.40	67.00
EW-7C	21-Mar-13	87.26	66.53
EW-7D	21-Mar-13	87.09	66.62
EW-8D	21-Mar-13	70.90	60.64
EW-9D	21-Mar-13	64.84	72.69
EW-10C	21-Mar-13	94.65	66.29
EW-11D	21-Mar-13	100.00	65.33
EW-12D	21-Mar-13	99.64	64.78
EW-13D	21-Mar-13	42.00	122.73
EW-14D	21-Mar-13	42.52	59.61
SW-2	dry		
DW-2	21-Mar-13	70.90	65.52
SW-1	21-Mar-13	65.24	66.25
DW-1	21-Mar-13	65.15	66.23
LF-02	21-Mar-13	52.46	66.24
PPW-1	Permanently closed Oct. 2008		
WT-01	21-Mar-13	98.92	65.65
MW-6D	21-Mar-13	96.05	64.34
MW-8A	21-Mar-13	69.98	63.20
MW-8B	21-Mar-13	68.90	65.34
MW-8C	21-Mar-13	71.30	64.42
MW-10B	21-Mar-13	97.30	63.82
MW-10C	21-Mar-13	96.73	63.54
MW-10D	21-Mar-13	97.55	63.62
BP-3A	21-Mar-13	64.40	60.14
BP-3B	21-Mar-13	65.55	58.02
BP-3C	21-Mar-13	65.75	57.93
RW-01	abandoned		

Table 2: Summary of Analytical Results

March 2013 (1Q13) Sampling Event
Claremont Polychemical Superfund Site
Old Bethpage, NY
HRP#NEW9625.OM
Site Code: 130015
WA# D006130-19

Note values in blue italics are "J" flagged Values in shaded cells exceed criteria		127-18-	79-01-6	156-59-2	156-60-5	75-35-4	75-01-4	71-55-6	76-13-1	75-34-3	95-50-1	107-06-2	541-73-1	106-46-7	78-93-3	67-64-1	71-43-2	75-15-0	56-23-5	108-90-7	67-66-3	74-87-3	110-82-7	100-41-4	98-82-8	179601-23-	1634-04-4	95-47-6	108-88-3	
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
		5	5	5	5	5	2	5	5	5	3	5	5	5	50	50	1	60	5	5	7	NS	NS	5	5	5	10	5	5	
Sample Description	Date Collected	Tetrachloroethylene	Trichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	1,1-Dichloroethylene	Vinyl chloride	1,1,1-Trichloroethane	1,1,2-Trichlorotrifluoroethane (freon 113)	1,1-Dichloroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	Cyclohexane	Ethylbenzene	Isopropylbenzene	m/p-Xylenes	Methyltertbutyl ether	o-Xylene	Toluene	
BP-3a	3/26/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	13	<1	<1	<1	<1	<i>0.87</i>	<1		<i>0.63</i>	<1	<1	<2	<1	<1	<1
BP-3b	3/26/13	23	2.4	11	<1	<1	<1	<1	<1	<i>0.97</i>	<1	<1	<1	<1	<5	13	<1	<i>0.17</i>	<1	<1	<i>0.34</i>	<1		<i>0.7</i>	<1	<1	<2	<1	<1	<1
BP-3c	3/26/13	23	21	270	1.1	2.8	32	3.6	11	18	<1	1.1	<1	<1	<5	12	3.5	<1	<1	<1	<i>0.94</i>	<1	1.4	<1	<1	<2	<1		<i>0.5</i>	<1
DW-1	3/25/13	<i>0.69</i>	<i>0.88</i>	<i>0.21</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
DW-2	3/25/13	<1	1.1	<i>0.24</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		20	<1	<1	<1	<1	<1	<1	1.6	<1	<1	<2	<1	<1	<1	
EW-1a	3/26/13	5.5	3.2	9.9	<i>0.17</i>	<1	<1	<1	<1	<1	<1	<1	<1	<5		16	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-1a dup	3/26/13	5.1	3.1	9.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-1b	3/26/13	<i>0.24</i>	<i>0.47</i>	<i>0.4</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		14	<1	<i>0.14</i>	<1	<1	<1	<1	1.2	<1	<1	<2	<1	<1	<1	
EW-1c	3/26/13	<1	1.4	<i>0.41</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		9.7	<1	<i>0.15</i>	<1	<1	<1	<1		<i>0.68</i>	<1	<1	<2	<1	<1	<1
EW-2a	3/25/13	<i>0.24</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		8	<1	<1	<1	<1	<1	<1		<i>0.25</i>	<1	<1	<2	<1	<1	<1
EW-2b	3/25/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		8.6	<1	<1	<1	<1	<1	<1		<i>0.58</i>	<1	<1	<2	<1	<1	<1
EW-2c	3/25/13	<1	<i>0.98</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		15	<1	<i>0.16</i>	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-2d	3/25/13	<1	<i>0.49</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		15	<1	<1	<1	<1		<1	<1	<1	<1	<2	<1	<1	<1	
EW-3a	3/25/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		10	<1	<1	<1		<i>0.2</i>	<1	<1	<1	<1	<2	<1	<1	<1	
EW-3b	3/25/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		9.8	<1	<i>0.19</i>	<1	<1	<1	<1		<i>0.19</i>	<1	<1	<2	<1	<1	<1
EW-3c	3/25/13	<1	<i>0.19</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		15	<1	<i>0.2</i>	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-4a	3/26/13	2.6	<i>0.16</i>	<i>0.34</i>	<1	<1	<1	<i>0.17</i>	<1	<1	<1	<1	<1	<5		10	<1	<i>0.22</i>	<1	<1	<1	<1	<1	<i>0.49</i>	<1	<1	<2	<1	<1	<1
EW-4b	3/26/13	1.6	4.9	<1	<1	<i>0.96</i>	<1	1.9	<1	<1	<1	<1	<1	<5		14	<1	<i>0.21</i>	<1	<1	<1	<1		<i>0.36</i>	<1	<1	<2	<1	<1	<1
EW-4c	3/26/13	8.3	67	1.9	2.7	7.2	<1	8.3	<1	1.2	<1	<1	<1	<5		12	<1	<i>0.19</i>	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-4d	3/26/13	21	68	<1	<1	<i>0.47</i>	<1	<i>0.65</i>	<1	<1	<1	<1	<1	<5		12	<1	<i>0.19</i>	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-5	3/25/13	<1	5.4	<i>0.59</i>	<i>0.31</i>	<1	<1	<1	<1	<1	<1	<1	<1	<5		14	<1	<i>0.16</i>	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
EW-6a	3/25/13	<1	<i>0.22</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		12	<1	<i>0.2</i>	<1	<1	<1	<1		<i>0.91</i>	<1	<1	<2	<1	<1	<1
EW-6c	3/25/13	<1	<i>0.18</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		11	<1	<i>0.24</i>	<1	<1	<1	<1		1.4	<1	<1	<2	<1	<1	<1
EW-7c	3/25/13	20	440	7.6	<2	<i>0.86</i>	<2	<i>1.5</i>	<2	<2	<2	<2	<2	<10		19	(<2)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<i>1.7</i>	<2	<2
EW-7d	3/25/13	13	20	<1	<1	<1	<1	<i>0.22</i>	<1	<1	<1	<1	<1	<5		18	<1	<i>0.23</i>	<1	<1	<i>0.14</i>	<1		<i>0.81</i>	<1	<1	<2	<1	<1	<1
EW-8d	3/25/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		19	<1	<i>0.23</i>	<1	<1	<1	<1		<i>0.61</i>	<1	<1	<2	<1	<1	<1
EW-9d	3/25/13	1.9	<i>0.6</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		14	<1	<i>0.28</i>	<1	<1	<i>0.31</i>	<1		<i>0.65</i>	<1	<1	<2	<1	<1	<1
EW-10c	3/26/13	<1	<i>0.69</i>	<1	<1	<i>0.61</i>	<1	<i>0.8</i>	<1	<1	<1	<1	<1	<5		9.7	<1	<i>0.19</i>	<1	<1	<1	<1		<i>0.36</i>	<1	<1	<2	<i>0.19</i>	<1	<1
EW-11d	3/26/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		12	<1	<i>0.25</i>	<1	<1	<1	<1		<i>0.53</i>	<1	<1	<2	<1	<1	<1
EW-12d	3/26/13	<i>0.36</i>	4	1.1	<1	<i>0.78</i>	<1	<i>0.38</i>	<1	<1	<1	<1	<1	<5		12	<1	<1	<1	<1	<1	<1		<i>0.82</i>	<1	<1	<2	<1	<1	<1
EW-13d	3/26/13	1.3	1.3	<1	<1	<i>0.79</i>	<1	<i>0.87</i>	<1	<i>0.47</i>	<1	<1	<1	<5		13	<1	<1	<1	<1	<1	<1		<i>0.58</i>	<1	<1	<2	<i>0.18</i>	<1	<1
EW-14d	3/26/13	3.1	320	2.2	<1	40	<1	45	<i>0.86</i>	<i>0.8</i>	<1	7.2	<1	<5		12	<1	<1	<1	<1	1.8	<1		<i>0.88</i>	<1	<1	<2	<1	<1	<1
LF-2	3/26/13	<1	<1	<i>0.24</i>	<1	<1	<i>0.2</i>	<1	<1	<1	1.8	<1	4.2	<5		13	3.6	<i>0.22</i>	<1	4.5	<1	<1	<1	<1	<1	4.2	<i>1.4</i>	<1	<i>0.94</i>	<i>0.29</i>
MW-6d	3/25/13	<1	<1	<1	<1	<1	<1	<1	<i>0.41</i>	<i>0.34</i>	<1	<1	<i>0.66</i>	<5		10	<i>0.25</i>	<1	<1	<i>0.45</i>	<1	<1	1.2	<1	<1	<2	<1	2.6	<1	<1
MW-8a	3/25/13	5.5	<i>0.37</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<i>0.24</i>	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
MW-8b	3/25/13	<i>0.25</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		20	<1	<1	<1	<1	<1	<1	1.1	<1	<1	<2	<1	<1	<1	
MW-8c	3/25/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		13	<1	<i>0.22</i>	<1	<1	<1	<1		<i>0.98</i>	<1	<1	<2	<1	<1	<1
MW-10b	3/25/13	<1	<i>0.21</i>	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		13	<1	<i>0.23</i>	<1	<1	<1	<1		<i>0.35</i>	<1	<1	<2	<1	<1	<1
MW-10c	3/25/13	<i>0.84</i>	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		16	<1	<i>0.3</i>	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	
MW-10d	3/25/13	4.6	6.2	<i>0.74</i>	<1	<i>0.63</i>	<1	<i>0.82</i>	<1	<i>0.82</i>	<1	<1	<1	<5		12	<1	<1	<1	<1	<1	<1	<1	<i>0.87</i>	<1	<1	<2	<1	<1	<1
SW-1	3/25/13	110	15	5.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		15	<1	<1	<1	<1	<1	<1		<i>0.67</i>	<1	<1	<2	<1	<1	<1
WT-1	3/26/13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5		12	<1	<1	<1	<1	<1	<1		<i>0.42</i>	<1	<1	<2	<1	<1	<1

CHARTS

Chart 1: Groundwater Influent Concentration (PCE, TCE, and 1,1-DCE) vs. Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

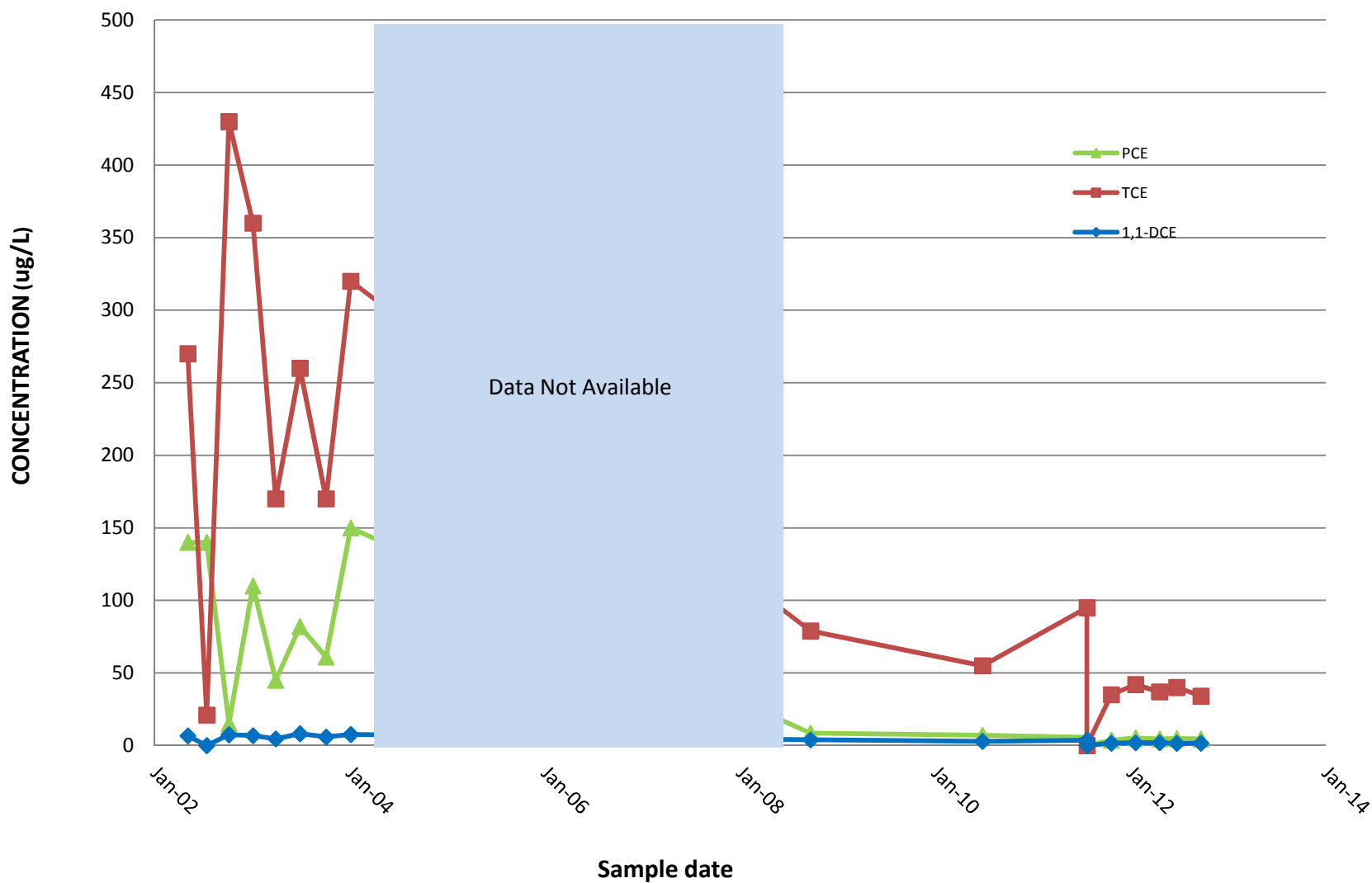


Chart 1a: EXT-1 Concentration (PCE, TCE, 1,1-DCE) vs Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

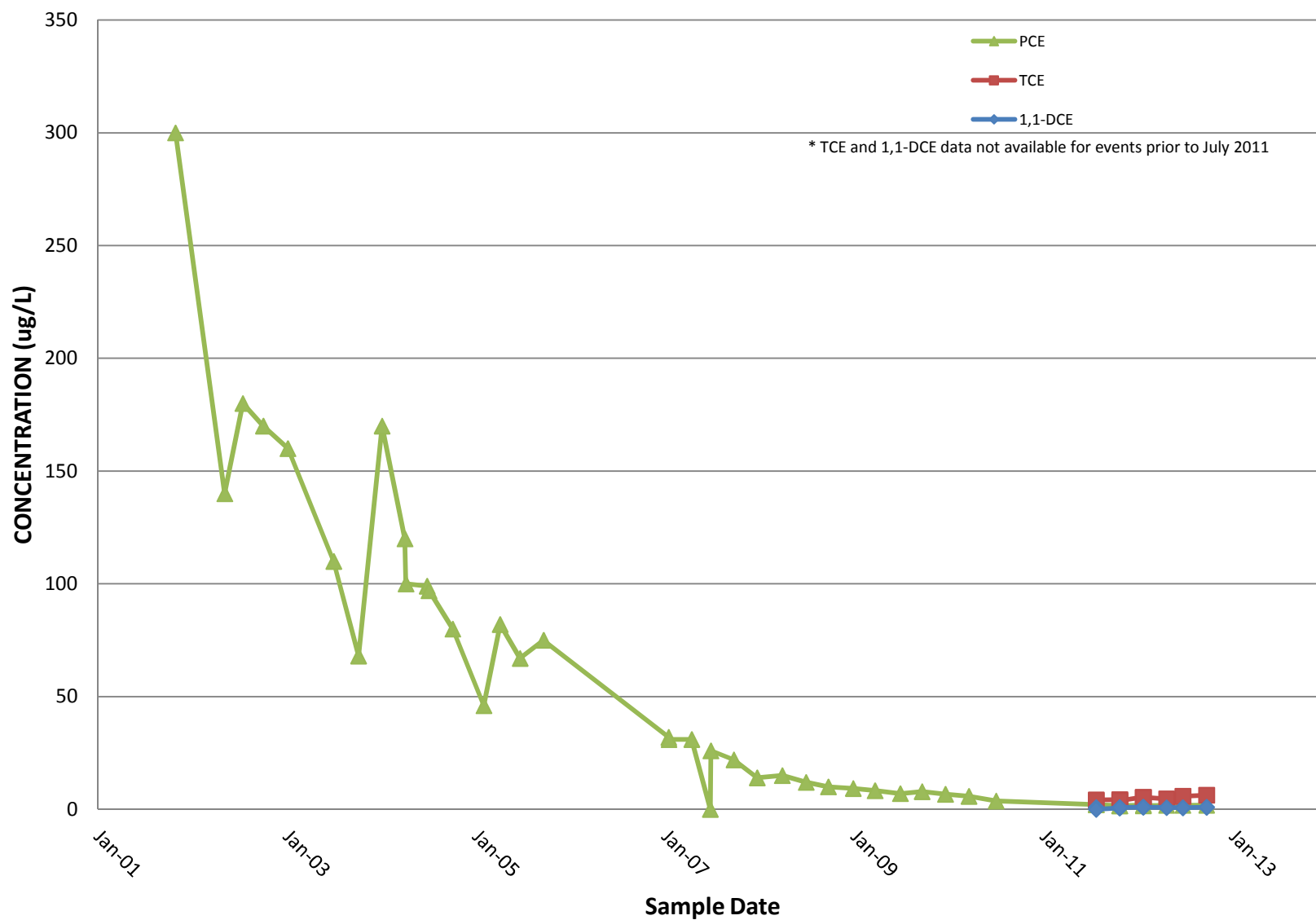


Chart 1b: EXT-2 Concentration (PCE, TCE, 1,1-DCE) vs Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

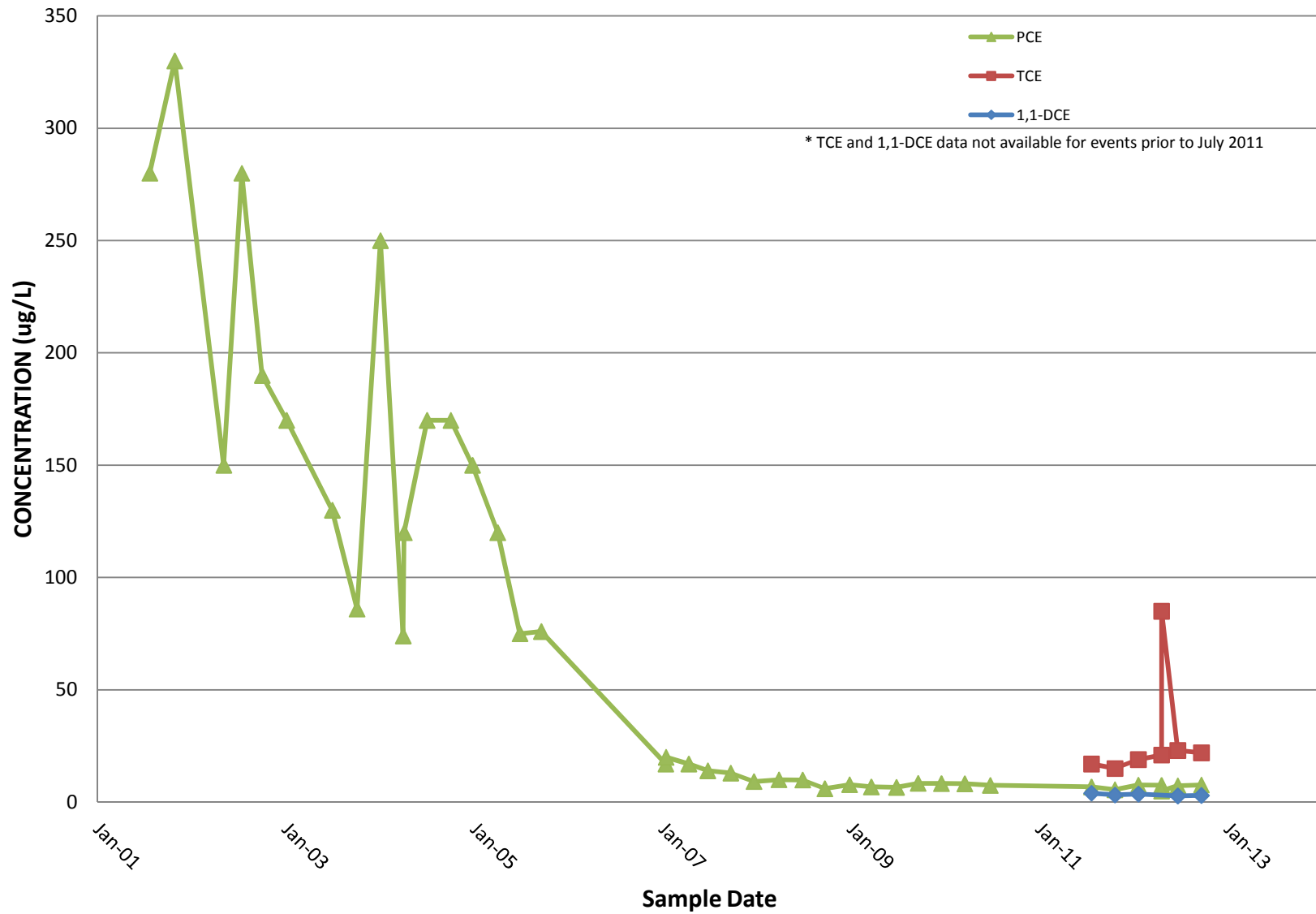


Chart 1c: EXT-3 Concentration (PCE, TCE, 1,1-DCE) vs Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

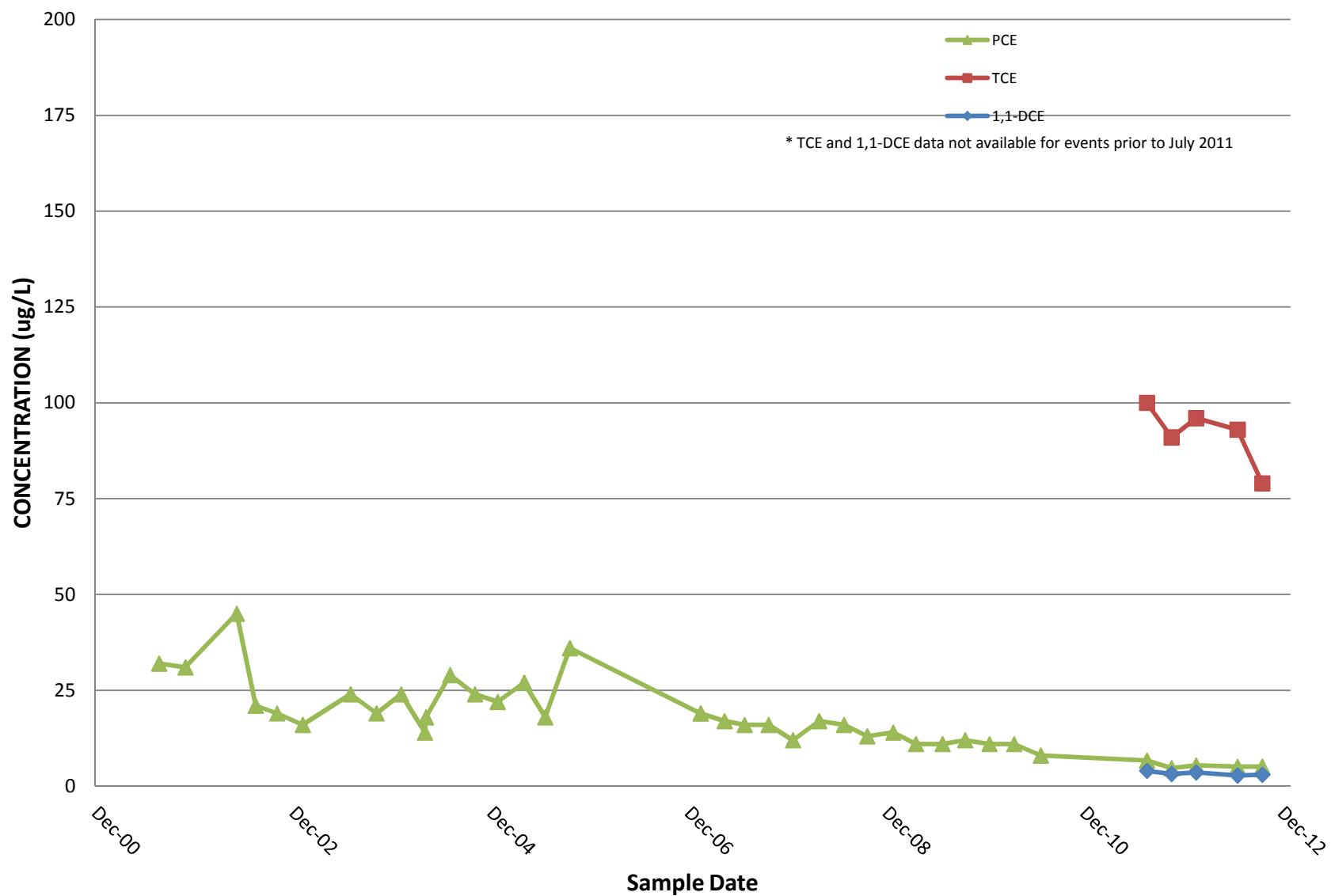


Chart 2: Groundwater Influent Concentration (Iron and Manganese) vs. Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

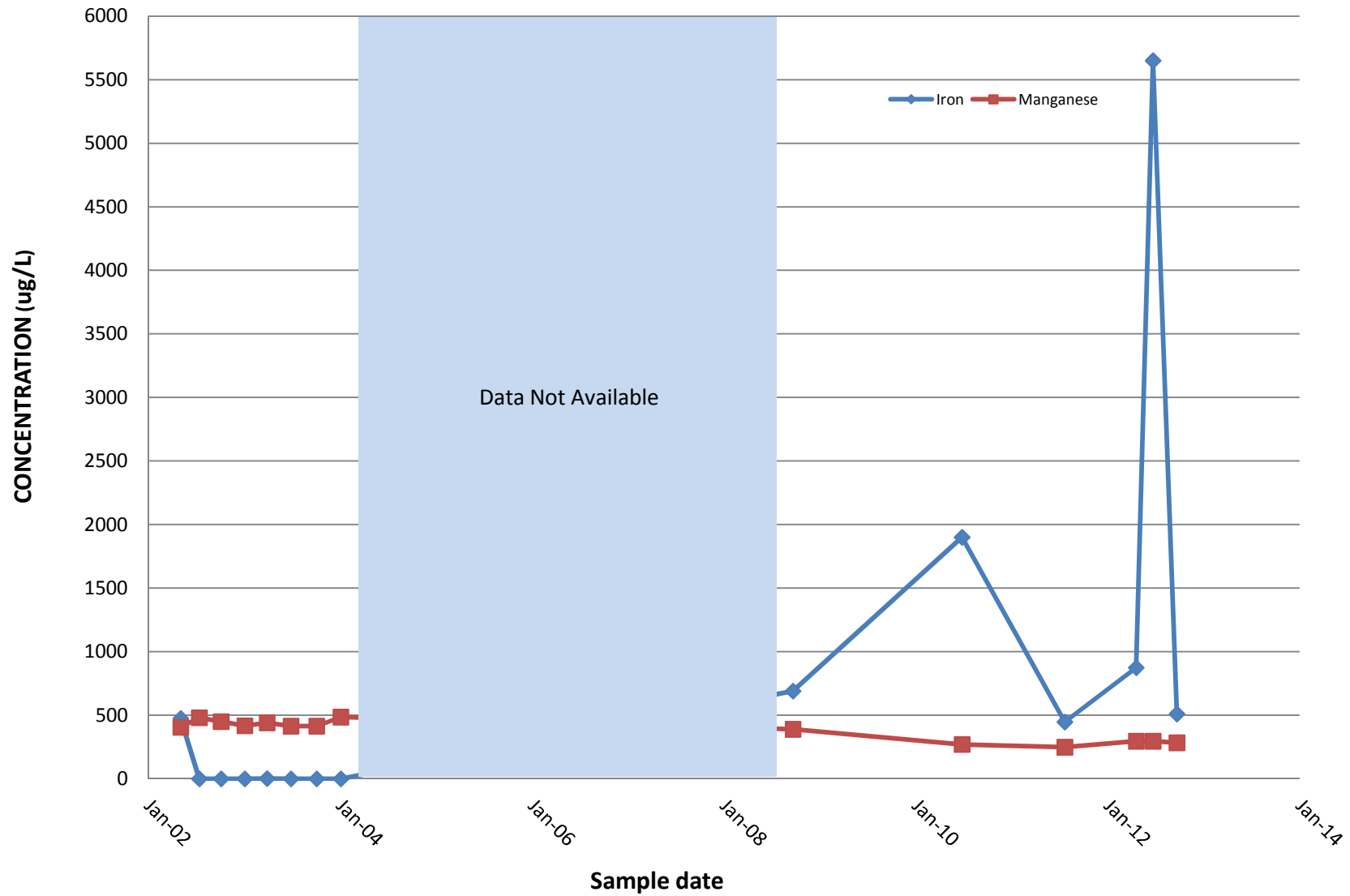


Chart 3: Treated Effluent Concentration (PCE, TCE, 1,1-DCE) vs Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

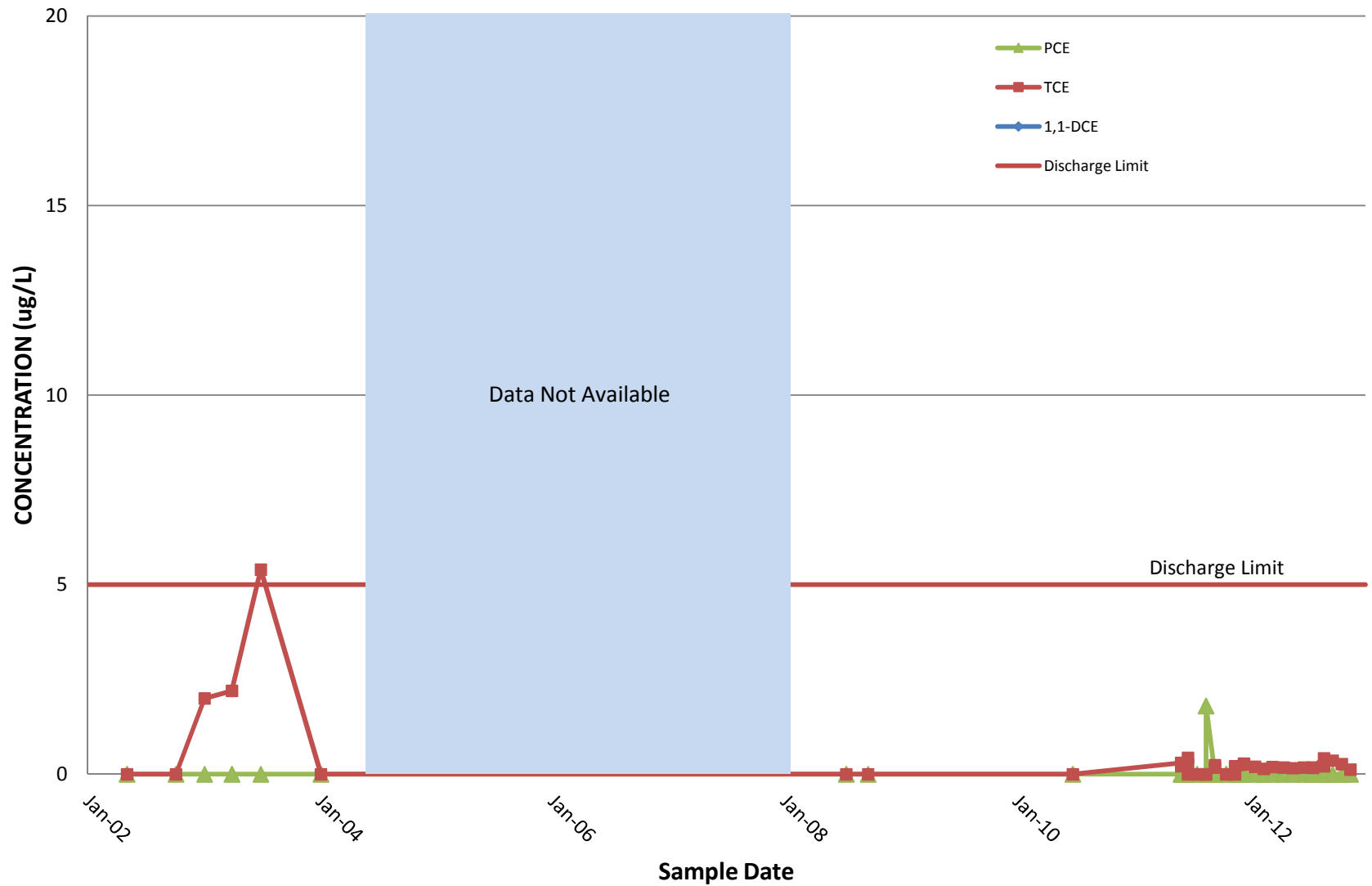


Chart 4: Treated System Effluent Concentration (Iron and Manganese) vs Time

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

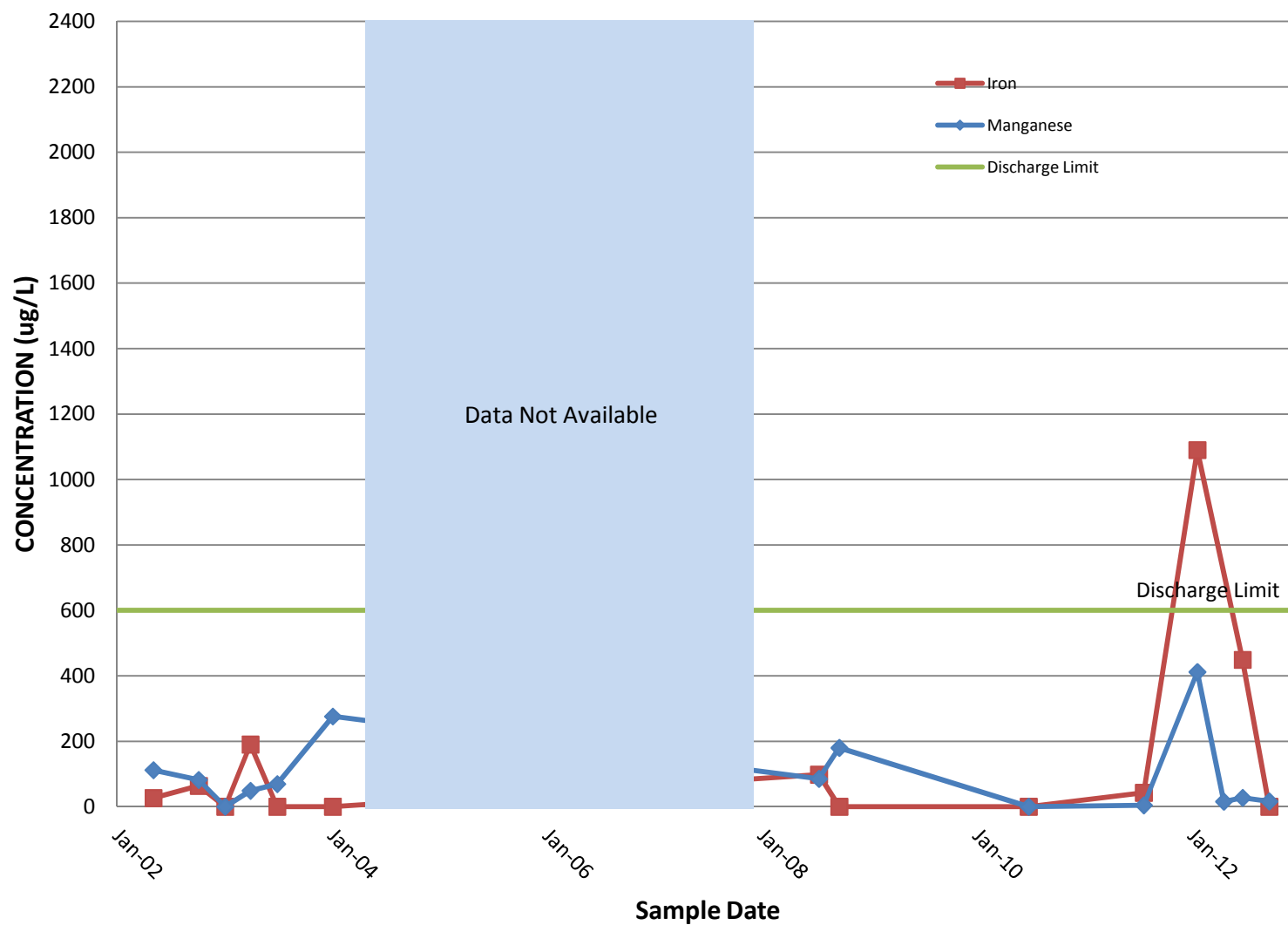


Chart 5: VOC Removal vs Time (PCE, TCE)

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

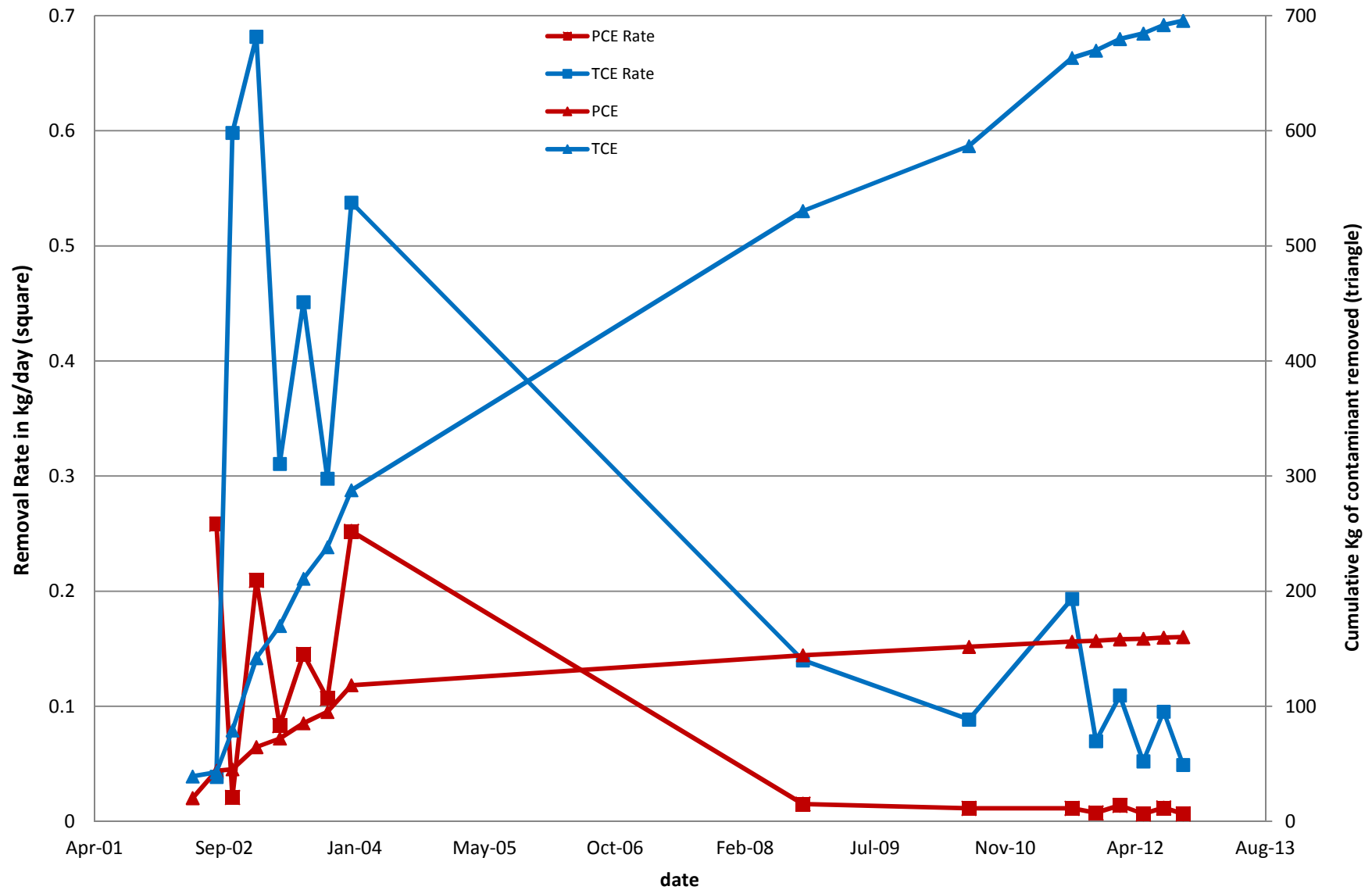


Chart 6a - PCE and TCE Concentrations In EW-1a

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

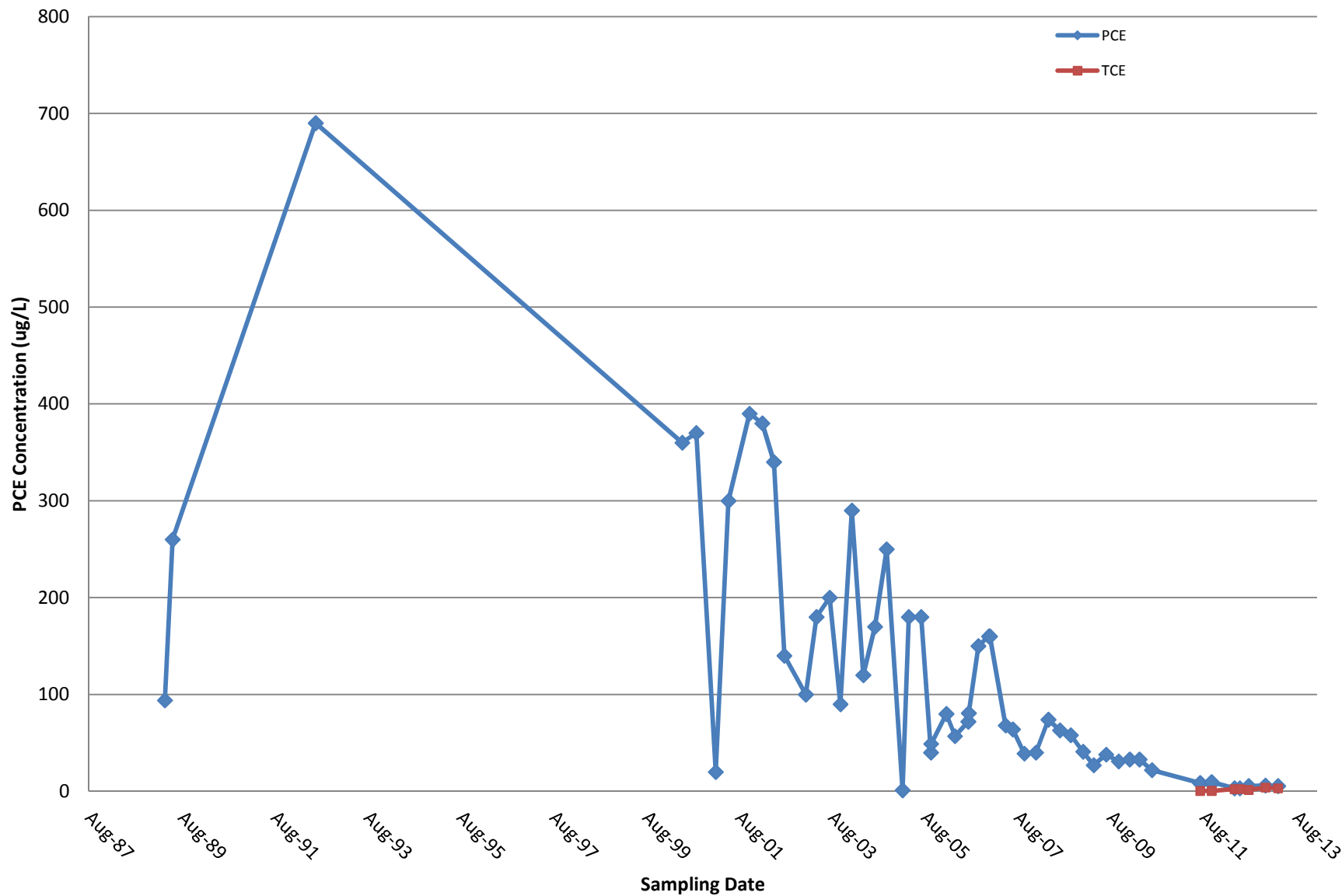


Chart 6b - PCE and TCE Concentrations in EW-4c

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19

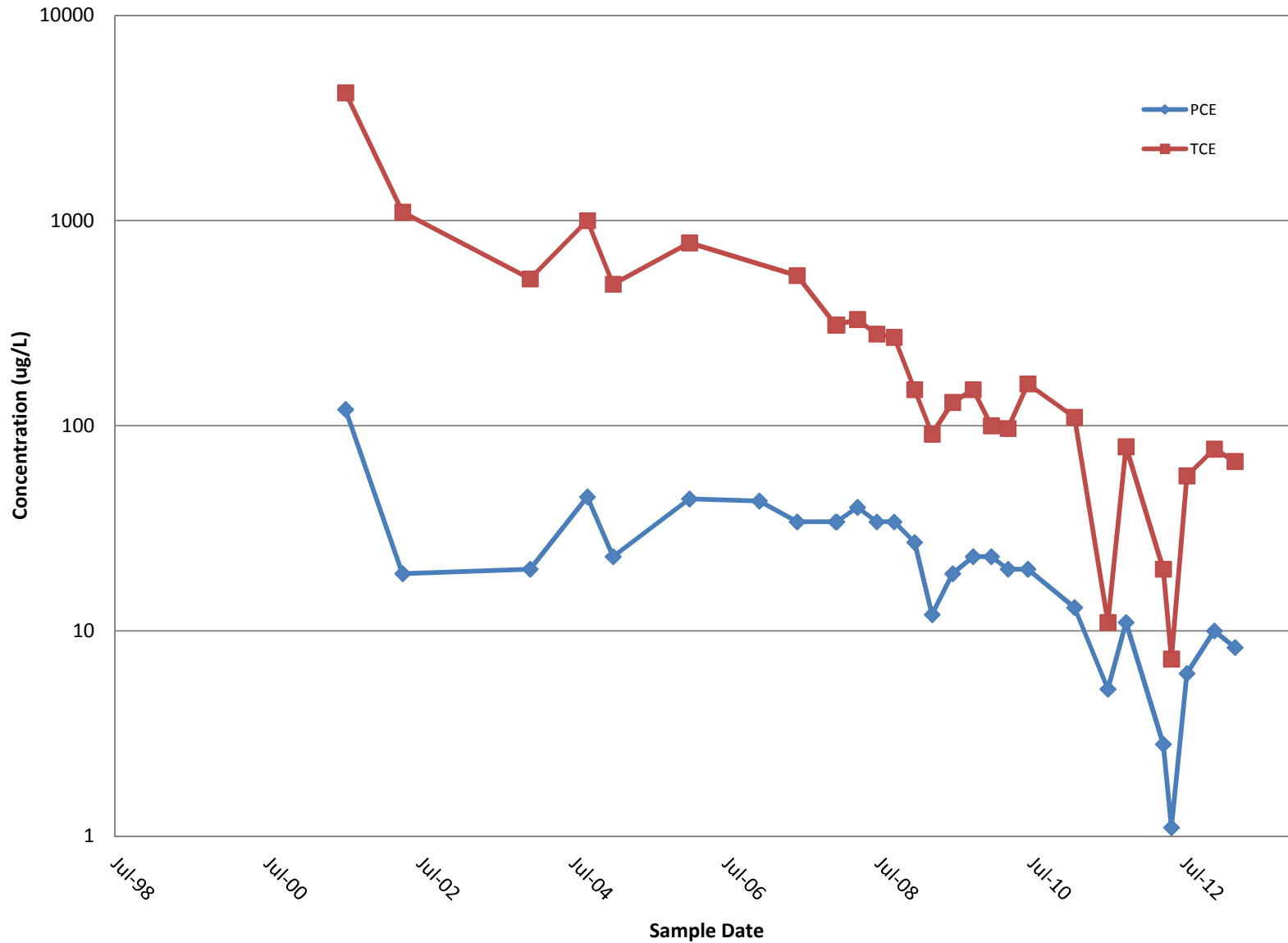
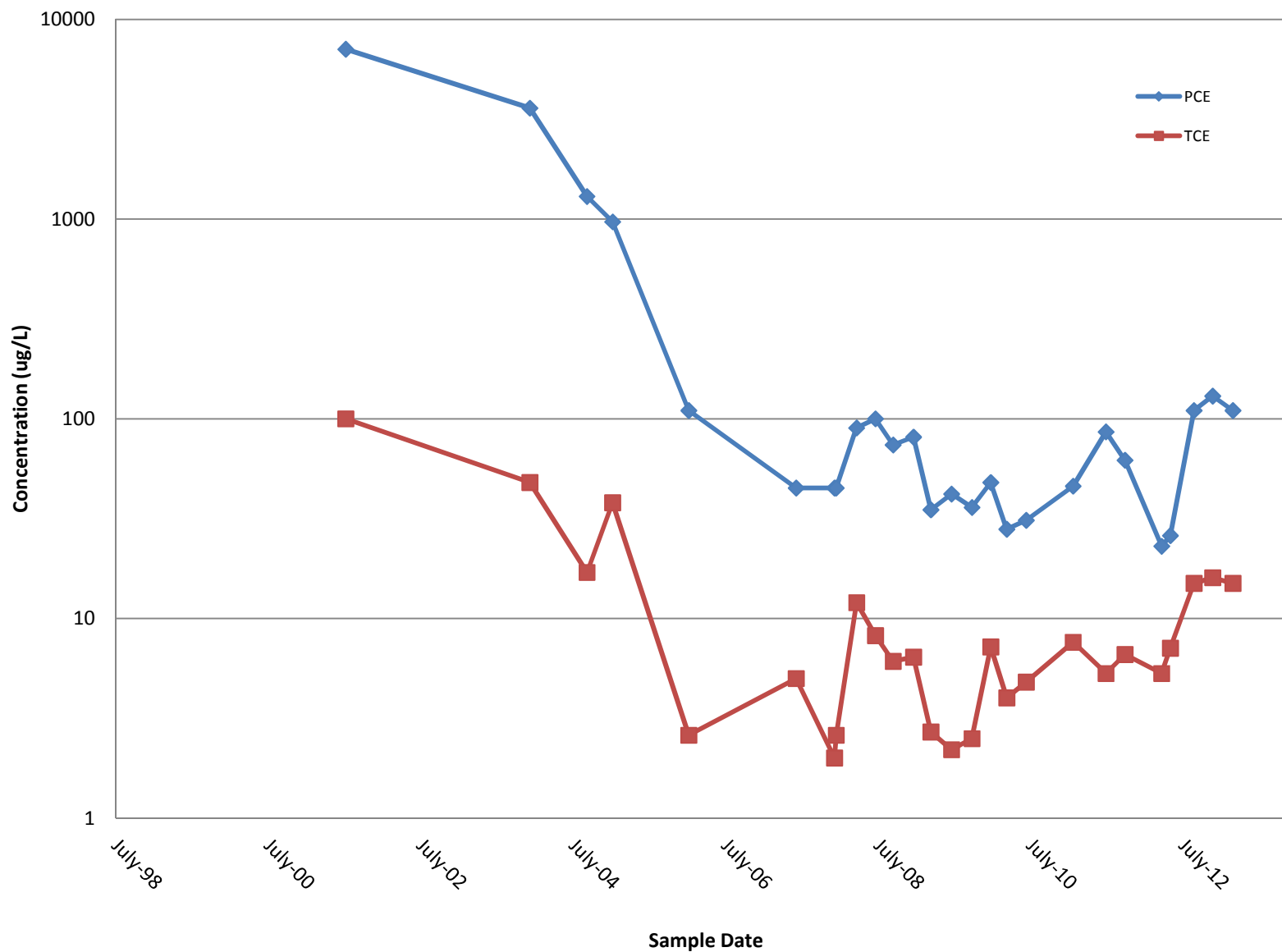


Chart 6c - PCE and TCE Concentrations in SW-1

March 2013 Sampling Event, Claremont Polychemical Superfund Site, Old Bethpage, NY
HRP#NEW9625.OM, Site Code: 130015, WA# D006130-19



APPENDIX A
Groundwater Sample Log

ANALYTICAL REPORT

Job Number: 460-53245-1

Job Description: Site No: 130015 Claremont Polychemical

For:

HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032

Attention: Jenny Mooney



Approved for release.
Jennifer Capece
Project Mgmt. Assistant
4/11/2013 10:42 AM

Designee for
Melissa Haas
Project Manager I
melissa.haas@testamericainc.com
04/11/2013

cc: Mr. Adam G Fox, PE
Ms. Nancy Garry

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LA000132

TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



Job Number: 460-53245-1

Job Description: Site No: 130015 Claremont Polychemical

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

A handwritten signature in black ink that reads "Jennifer R. Capece". The signature is written in a cursive style with a large initial 'J'.

Approved for release.
Jennifer Capece
Project Mgmt. Assistant
4/11/2013 10:42 AM

Designee for
Melissa Haas

Table of Contents

Cover Title Page	1
Data Summaries	5
Report Narrative	5
Sample Summary	6
Executive Summary	7
Method Summary	16
Method / Analyst Summary	17
Sample Datasheets	18
Surrogate Summary	108
QC Data Summary	111
Data Qualifiers	135
QC Association Summary	136
Lab Chronicle	138
Organic Sample Data	147
GC/MS VOA	147
Method 8260B	147
Method 8260B QC Summary	148
Method 8260B Sample Data	180
Standards Data	636
Method 8260B ICAL Data	636
Method 8260B CCAL Data	681
Raw QC Data	721
Method 8260B Tune Data	721
Method 8260B Blank Data	745
Method 8260B LCS/LCSD Data	765
Method 8260B MS/MSD Data	800

Table of Contents

Method 8260B Run Logs	814
Method 8260B Prep Data	820
Shipping and Receiving Documents	834
Client Chain of Custody	835
Sample Receipt Checklist	841

CASE NARRATIVE

Client: HRP Associates, Inc.

Project: Site No: 130015 Claremont Polychemical

Report Number: 460-53245-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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 03/28/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.1 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-53245-1 through 460-53245-45 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/04/2013, 04/05/2013, 04/06/2013, 04/08/2013 and 04/09/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 154239 were outside control limits for Carbon tetrachloride. The MS recoveries were also outside control limits for Dichlorobromomethane, 1,2,3-Trichlorobenzene, Chlorodibromomethane, and 1,2-Dichloroethane. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The laboratory control sample (LCS) for batch 154524 exceeded control limits for the following analyte: 2-Butanone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 154374 exceeded control limits for the following analytes: Carbon tetrachloride and 1,2-Dichloroethane. These analytes were biased high in the LCS and were not detected in the associated sample(s); therefore, the data have been reported.

The laboratory control sample (LCS) for batch 154820 exceeded control limits for the following analytes: Chlorodibromomethane and Bromoform. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: EW07C-CP-00-032813 (460-53245-24). Elevated reporting limits (RLs) are provided.

Refer to the QC report for details.

Sample 460-53245-24(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-53245-1	BP3A-CP-00-032813	Water	03/26/2013 1343	03/28/2013 1810
460-53245-2	BP3B-CP-00-032813	Water	03/26/2013 1353	03/28/2013 1810
460-53245-3	BP3C-CP-00-032813	Water	03/26/2013 1406	03/28/2013 1810
460-53245-4	DW1-CP-00-032813	Water	03/25/2013 0832	03/28/2013 1810
460-53245-5	DW2-CP-00-032813	Water	03/25/2013 0810	03/28/2013 1810
460-53245-6	EW01A-CP-00-032813	Water	03/26/2013 0824	03/28/2013 1810
460-53245-7	EW01A-CP-01-032813	Water	03/26/2013 0824	03/28/2013 1810
460-53245-8	EW01B-CP-00-032813	Water	03/26/2013 0840	03/28/2013 1810
460-53245-9	EW01C-CP-00-032813	Water	03/26/2013 0848	03/28/2013 1810
460-53245-10	EW02A-CP-00-032813	Water	03/25/2013 0942	03/28/2013 1810
460-53245-11	EW02B-CP-00-032813	Water	03/25/2013 0949	03/28/2013 1810
460-53245-12	EW02C-CP-00-032813	Water	03/25/2013 0955	03/28/2013 1810
460-53245-13	EW02D-CP-00-032813	Water	03/25/2013 1000	03/28/2013 1810
460-53245-14	EW03A-CP-00-032813	Water	03/25/2013 1010	03/28/2013 1810
460-53245-15	EW03B-CP-00-032813	Water	03/25/2013 1018	03/28/2013 1810
460-53245-16	EW03C-CP-00-032813	Water	03/25/2013 1023	03/28/2013 1810
460-53245-17	EW04A-CP-00-032813	Water	03/26/2013 0956	03/28/2013 1810
460-53245-18	EW04B-CP-00-032813	Water	03/26/2013 1003	03/28/2013 1810
460-53245-19	EW04C-CP-00-032813	Water	03/26/2013 1007	03/28/2013 1810
460-53245-20	EW04D-CP-00-032813	Water	03/26/2013 1014	03/28/2013 1810
460-53245-21	EW05-CP-00-032813	Water	03/25/2013 0818	03/28/2013 1810
460-53245-22	EW06A-CP-00-032813	Water	03/25/2013 0852	03/28/2013 1810
460-53245-23	EW06C-CP-00-032813	Water	03/25/2013 0851	03/28/2013 1810
460-53245-24	EW07C-CP-00-032813	Water	03/25/2013 1309	03/28/2013 1810
460-53245-25	EW07D-CP-00-032813	Water	03/25/2013 1323	03/28/2013 1810
460-53245-26	EW08D-CP-00-032813	Water	03/25/2013 0912	03/28/2013 1810
460-53245-27	EW09D-CP-00-032813	Water	03/25/2013 0904	03/28/2013 1810
460-53245-28	EW10C-CP-00-032813	Water	03/26/2013 1025	03/28/2013 1810
460-53245-29	EW11D-CP-00-032813	Water	03/26/2013 0938	03/28/2013 1810
460-53245-30	EW12D-CP-00-032813	Water	03/26/2013 0946	03/28/2013 1810
460-53245-31	EW13D-CP-00-032813	Water	03/26/2013 1032	03/28/2013 1810
460-53245-32	EW14D-CP-00-032813	Water	03/26/2013 0919	03/28/2013 1810
460-53245-33	LF02-CP-00-032813	Water	03/26/2013 0810	03/28/2013 1810
460-53245-34	MW06D-CP-00-032813	Water	03/25/2013 1343	03/28/2013 1810
460-53245-35	MW08A-CP-00-032813	Water	03/25/2013 1442	03/28/2013 1810
460-53245-36	MW08B-CP-00-032813	Water	03/25/2013 1449	03/28/2013 1810
460-53245-37	MW08C-CP-00-032813	Water	03/25/2013 1504	03/28/2013 1810
460-53245-38	MW10B-CP-00-032813	Water	03/25/2013 1033	03/28/2013 1810
460-53245-39	MW10C-CP-00-032813	Water	03/25/2013 1042	03/28/2013 1810
460-53245-40	MW10D-CP-00-032813	Water	03/25/2013 1048	03/28/2013 1810
460-53245-41	SW1-CP-00-032813	Water	03/25/2013 0831	03/28/2013 1810
460-53245-42	WT01-CP-00-032813	Water	03/26/2013 1042	03/28/2013 1810
460-53245-43	WT01-CP-01-032813	Water	03/26/2013 1042	03/28/2013 1810
460-53245-44	xRB01-CP-QC-032813	Water	03/26/2013 1100	03/28/2013 1810
460-53245-45	xB01-CP-QC-032513	Water	03/25/2013 0600	03/28/2013 1810

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-1	BP3A-CP-00-032813					
Acetone		13		5.0	ug/L	8260B
Chloroform		0.87	J	1.0	ug/L	8260B
Cyclohexane		0.63	J	1.0	ug/L	8260B
460-53245-2	BP3B-CP-00-032813					
Acetone		13		5.0	ug/L	8260B
Carbon disulfide		0.17	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.97	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
Chloroform		0.34	J	1.0	ug/L	8260B
Trichloroethene		2.4		1.0	ug/L	8260B
Tetrachloroethene		23		1.0	ug/L	8260B
Cyclohexane		0.70	J	1.0	ug/L	8260B
460-53245-3	BP3C-CP-00-032813					
Vinyl chloride		32		1.0	ug/L	8260B
Methylene Chloride		3.7		1.0	ug/L	8260B
Acetone		12		5.0	ug/L	8260B
Trichlorofluoromethane		2.2		1.0	ug/L	8260B
1,1-Dichloroethene		2.8		1.0	ug/L	8260B
1,1-Dichloroethane		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		270		1.0	ug/L	8260B
Chloroform		0.94	J	1.0	ug/L	8260B
1,2-Dichloroethane		1.1		1.0	ug/L	8260B
1,1,1-Trichloroethane		3.6		1.0	ug/L	8260B
Trichloroethene		21		1.0	ug/L	8260B
Benzene		3.5		1.0	ug/L	8260B
Tetrachloroethene		23		1.0	ug/L	8260B
o-Xylene		0.50	J	1.0	ug/L	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane		11		1.0	ug/L	8260B
Cyclohexane		1.4		1.0	ug/L	8260B
460-53245-4	DW1-CP-00-032813					
Acetone		11		5.0	ug/L	8260B
cis-1,2-Dichloroethene		0.21	J	1.0	ug/L	8260B
Trichloroethene		0.88	J	1.0	ug/L	8260B
Tetrachloroethene		0.69	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-5	DW2-CP-00-032813					
Acetone		20		5.0	ug/L	8260B
cis-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
Trichloroethene		1.1		1.0	ug/L	8260B
Cyclohexane		1.6		1.0	ug/L	8260B
460-53245-6	EW01A-CP-00-032813					
Acetone		16		5.0	ug/L	8260B
trans-1,2-Dichloroethene		0.17	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		9.9		1.0	ug/L	8260B
Trichloroethene		3.2		1.0	ug/L	8260B
Tetrachloroethene		5.5		1.0	ug/L	8260B
460-53245-7	EW01A-CP-01-032813					
Acetone		14		5.0	ug/L	8260B
cis-1,2-Dichloroethene		9.4		1.0	ug/L	8260B
Trichloroethene		3.1		1.0	ug/L	8260B
Tetrachloroethene		5.1		1.0	ug/L	8260B
460-53245-8	EW01B-CP-00-032813					
Acetone		14		5.0	ug/L	8260B
Carbon disulfide		0.14	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
Trichloroethene		0.47	J	1.0	ug/L	8260B
Tetrachloroethene		0.24	J	1.0	ug/L	8260B
Cyclohexane		1.2		1.0	ug/L	8260B
460-53245-9	EW01C-CP-00-032813					
Acetone		9.7		5.0	ug/L	8260B
Carbon disulfide		0.15	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.41	J	1.0	ug/L	8260B
Trichloroethene		1.4		1.0	ug/L	8260B
Cyclohexane		0.68	J	1.0	ug/L	8260B
460-53245-10	EW02A-CP-00-032813					
Acetone		8.0		5.0	ug/L	8260B
Tetrachloroethene		0.24	J	1.0	ug/L	8260B
Cyclohexane		0.25	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-11	EW02B-CP-00-032813					
Acetone		8.6		5.0	ug/L	8260B
Cyclohexane		0.58	J	1.0	ug/L	8260B
460-53245-12	EW02C-CP-00-032813					
Acetone		15		5.0	ug/L	8260B
Carbon disulfide		0.16	J	1.0	ug/L	8260B
Trichloroethene		0.98	J	1.0	ug/L	8260B
460-53245-13	EW02D-CP-00-032813					
Acetone		15		5.0	ug/L	8260B
Chloroform		0.20	J	1.0	ug/L	8260B
Trichloroethene		0.49	J	1.0	ug/L	8260B
460-53245-14	EW03A-CP-00-032813					
Acetone		10		5.0	ug/L	8260B
Chloroform		0.32	J	1.0	ug/L	8260B
Cyclohexane		0.63	J	1.0	ug/L	8260B
460-53245-15	EW03B-CP-00-032813					
Acetone		9.8		5.0	ug/L	8260B
Carbon disulfide		0.19	J	1.0	ug/L	8260B
Cyclohexane		0.19	J	1.0	ug/L	8260B
460-53245-16	EW03C-CP-00-032813					
Acetone		15		5.0	ug/L	8260B
Carbon disulfide		0.20	J	1.0	ug/L	8260B
Trichloroethene		0.19	J	1.0	ug/L	8260B
460-53245-17	EW04A-CP-00-032813					
Acetone		10		5.0	ug/L	8260B
Carbon disulfide		0.22	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.17	J	1.0	ug/L	8260B
Trichloroethene		0.16	J	1.0	ug/L	8260B
Tetrachloroethene		2.6		1.0	ug/L	8260B
Cyclohexane		0.49	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-18	EW04B-CP-00-032813					
Acetone		14		5.0	ug/L	8260B
Carbon disulfide		0.21	J	1.0	ug/L	8260B
Trichlorofluoromethane		0.25	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.96	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		1.9		1.0	ug/L	8260B
Trichloroethene		4.9		1.0	ug/L	8260B
Tetrachloroethene		1.6		1.0	ug/L	8260B
Cyclohexane		0.36	J	1.0	ug/L	8260B
460-53245-19	EW04C-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
Carbon disulfide		0.19	J	1.0	ug/L	8260B
1,1-Dichloroethene		7.2		1.0	ug/L	8260B
1,1-Dichloroethane		1.2		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.9		1.0	ug/L	8260B
1,1,1-Trichloroethane		8.3		1.0	ug/L	8260B
Trichloroethene		67		1.0	ug/L	8260B
Tetrachloroethene		8.3		1.0	ug/L	8260B
460-53245-20	EW04D-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
Carbon disulfide		0.19	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.47	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.65	J	1.0	ug/L	8260B
Trichloroethene		68		1.0	ug/L	8260B
Tetrachloroethene		21		1.0	ug/L	8260B
460-53245-21	EW05-CP-00-032813					
Acetone		14		5.0	ug/L	8260B
Carbon disulfide		0.16	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.59	J	1.0	ug/L	8260B
Trichloroethene		5.4		1.0	ug/L	8260B
460-53245-22	EW06A-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
Carbon disulfide		0.20	J	1.0	ug/L	8260B
Trichlorofluoromethane		0.29	J	1.0	ug/L	8260B
Trichloroethene		0.22	J	1.0	ug/L	8260B
Cyclohexane		0.91	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-23	EW06C-CP-00-032813					
Acetone		11		5.0	ug/L	8260B
Carbon disulfide		0.24	J	1.0	ug/L	8260B
Trichloroethene		0.18	J	1.0	ug/L	8260B
Cyclohexane		1.4		1.0	ug/L	8260B
460-53245-24	EW07C-CP-00-032813					
Methylene Chloride		0.59	J	2.0	ug/L	8260B
Acetone		19		10	ug/L	8260B
1,1-Dichloroethene		0.86	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		7.6		2.0	ug/L	8260B
1,1,1-Trichloroethane		1.5	J	2.0	ug/L	8260B
Trichloroethene		440		2.0	ug/L	8260B
Tetrachloroethene		20		2.0	ug/L	8260B
Methyl tert-butyl ether		1.7	J	2.0	ug/L	8260B
460-53245-25	EW07D-CP-00-032813					
Acetone		18		5.0	ug/L	8260B
Carbon disulfide		0.23	J	1.0	ug/L	8260B
Chloroform		0.14	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.22	J	1.0	ug/L	8260B
Trichloroethene		20		1.0	ug/L	8260B
Tetrachloroethene		13		1.0	ug/L	8260B
Cyclohexane		0.81	J	1.0	ug/L	8260B
460-53245-26	EW08D-CP-00-032813					
Acetone		19		5.0	ug/L	8260B
Carbon disulfide		0.23	J	1.0	ug/L	8260B
Cyclohexane		0.61	J	1.0	ug/L	8260B
460-53245-27	EW09D-CP-00-032813					
Methylene Chloride		0.26	J	1.0	ug/L	8260B
Acetone		14		5.0	ug/L	8260B
Carbon disulfide		0.28	J	1.0	ug/L	8260B
Chloroform		0.31	J	1.0	ug/L	8260B
Trichloroethene		0.60	J	1.0	ug/L	8260B
Tetrachloroethene		1.9		1.0	ug/L	8260B
Cyclohexane		0.65	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-28	EW10C-CP-00-032813					
Acetone		9.7		5.0	ug/L	8260B
Carbon disulfide		0.19	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.61	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.80	J	1.0	ug/L	8260B
Trichloroethene		0.69	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.19	J	1.0	ug/L	8260B
Cyclohexane		0.36	J	1.0	ug/L	8260B
460-53245-29	EW11D-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
Carbon disulfide		0.25	J	1.0	ug/L	8260B
Cyclohexane		0.53	J	1.0	ug/L	8260B
460-53245-30	EW12D-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
1,1-Dichloroethene		0.78	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
1,1,1-Trichloroethane		0.38	J	1.0	ug/L	8260B
Trichloroethene		4.0		1.0	ug/L	8260B
Tetrachloroethene		0.36	J	1.0	ug/L	8260B
Cyclohexane		0.82	J	1.0	ug/L	8260B
460-53245-31	EW13D-CP-00-032813					
Acetone		13		5.0	ug/L	8260B
1,1-Dichloroethene		0.79	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.47	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.87	J	1.0	ug/L	8260B
Trichloroethene		1.3		1.0	ug/L	8260B
Tetrachloroethene		1.3		1.0	ug/L	8260B
Methyl tert-butyl ether		0.18	J	1.0	ug/L	8260B
Cyclohexane		0.58	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-32	EW14D-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
1,1-Dichloroethene		40		1.0	ug/L	8260B
1,1-Dichloroethane		0.80	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.2		1.0	ug/L	8260B
Chloroform		1.8		1.0	ug/L	8260B
1,2-Dichloroethane		7.2		1.0	ug/L	8260B
1,1,1-Trichloroethane		45		1.0	ug/L	8260B
Trichloroethene		320		1.0	ug/L	8260B
1,1,2-Trichloroethane		0.65	J	1.0	ug/L	8260B
Tetrachloroethene		3.1		1.0	ug/L	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane		0.86	J	1.0	ug/L	8260B
Cyclohexane		0.88	J	1.0	ug/L	8260B
460-53245-33	LF02-CP-00-032813					
Vinyl chloride		0.20	J	1.0	ug/L	8260B
Methylene Chloride		0.39	J	1.0	ug/L	8260B
Acetone		13		5.0	ug/L	8260B
Carbon disulfide		0.22	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
Benzene		3.6		1.0	ug/L	8260B
Toluene		0.29	J	1.0	ug/L	8260B
Chlorobenzene		4.5		1.0	ug/L	8260B
m&p-Xylene		1.4	J	2.0	ug/L	8260B
o-Xylene		0.94	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		4.2		1.0	ug/L	8260B
1,2-Dichlorobenzene		1.8		1.0	ug/L	8260B
Isopropylbenzene		4.2		1.0	ug/L	8260B
460-53245-34	MW06D-CP-00-032813					
Methylene Chloride		0.42	J	1.0	ug/L	8260B
Acetone		10		5.0	ug/L	8260B
1,1-Dichloroethane		0.41	J	1.0	ug/L	8260B
Benzene		0.25	J	1.0	ug/L	8260B
Chlorobenzene		0.45	J	1.0	ug/L	8260B
Methyl tert-butyl ether		2.6		1.0	ug/L	8260B
Cyclohexane		1.2		1.0	ug/L	8260B
1,4-Dichlorobenzene		0.66	J	1.0	ug/L	8260B
1,2-Dichlorobenzene		0.34	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-35	MW08A-CP-00-032813					
Carbon disulfide		0.24	J	1.0	ug/L	8260B
Trichloroethene		0.37	J	1.0	ug/L	8260B
Tetrachloroethene		5.5		1.0	ug/L	8260B
460-53245-36	MW08B-CP-00-032813					
Acetone		20		5.0	ug/L	8260B
Tetrachloroethene		0.25	J	1.0	ug/L	8260B
Cyclohexane		1.1		1.0	ug/L	8260B
460-53245-37	MW08C-CP-00-032813					
Methylene Chloride		0.31	J	1.0	ug/L	8260B
Acetone		13		5.0	ug/L	8260B
Carbon disulfide		0.22	J	1.0	ug/L	8260B
Cyclohexane		0.98	J	1.0	ug/L	8260B
460-53245-38	MW10B-CP-00-032813					
Methylene Chloride		0.32	J	1.0	ug/L	8260B
Acetone		13		5.0	ug/L	8260B
Carbon disulfide		0.23	J	1.0	ug/L	8260B
Trichloroethene		0.21	J	1.0	ug/L	8260B
Cyclohexane		0.35	J	1.0	ug/L	8260B
460-53245-39	MW10C-CP-00-0328133					
Acetone		16		5.0	ug/L	8260B
Carbon disulfide		0.30	J	1.0	ug/L	8260B
Trichloroethene		1.3		1.0	ug/L	8260B
Tetrachloroethene		0.84	J	1.0	ug/L	8260B
460-53245-40	MW10D-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
1,1-Dichloroethene		0.63	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.82	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.74	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.82	J	1.0	ug/L	8260B
Trichloroethene		6.2		1.0	ug/L	8260B
Tetrachloroethene		4.6		1.0	ug/L	8260B
Cyclohexane		0.87	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-53245-41	SW1-CP-00-032813					
Methylene Chloride		0.27	J	1.0	ug/L	8260B
Acetone		15		5.0	ug/L	8260B
cis-1,2-Dichloroethene		5.9		1.0	ug/L	8260B
Trichloroethene		15		1.0	ug/L	8260B
Tetrachloroethene		110		1.0	ug/L	8260B
Cyclohexane		0.67	J	1.0	ug/L	8260B
460-53245-42	WT01-CP-00-032813					
Acetone		12		5.0	ug/L	8260B
Cyclohexane		0.42	J	1.0	ug/L	8260B
460-53245-43	WT01-CP-01-032813					
Acetone		14		5.0	ug/L	8260B
460-53245-44	XRB01-CP-QC-032813					
Carbon disulfide		0.58	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
Chloroform		0.61	J	1.0	ug/L	8260B
Bromodichloromethane		1.1		1.0	ug/L	8260B
Dibromochloromethane		2.1		1.0	ug/L	8260B
Bromoform		1.7		1.0	ug/L	8260B
460-53245-45	XTB01-CP-QC-032513					
Carbon disulfide		0.28	J	1.0	ug/L	8260B
Chloroform		0.33	J	1.0	ug/L	8260B
Bromodichloromethane		0.96	J	1.0	ug/L	8260B
Dibromochloromethane		2.2		1.0	ug/L	8260B
Bromoform		1.8		1.0	ug/L	8260B

METHOD SUMMARY

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Jin, Fangzhou	FJ

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: BP3A-CP-00-032813

Lab Sample ID: 460-53245-1

Date Sampled: 03/26/2013 1343

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00749.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0821			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	13		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.87	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.63	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: BP3A-CP-00-032813

Lab Sample ID: 460-53245-1

Date Sampled: 03/26/2013 1343

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00749.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0821			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: BP3B-CP-00-032813

Lab Sample ID: 460-53245-2

Date Sampled: 03/26/2013 1353

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00750.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0847			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0847				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	13		2.7	5.0
Carbon disulfide	0.17	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	0.97	J	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.18	1.0
Chloroform	0.34	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	2.4		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	23		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.70	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: BP3B-CP-00-032813

Lab Sample ID: 460-53245-2

Date Sampled: 03/26/2013 1353

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00750.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0847			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0847				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: BP3C-CP-00-032813

Lab Sample ID: 460-53245-3

Date Sampled: 03/26/2013 1406

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00729.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1656			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1656				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	32		0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	3.7		0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	2.2		0.15	1.0
1,1-Dichloroethene	2.8		0.090	1.0
1,1-Dichloroethane	18		0.13	1.0
trans-1,2-Dichloroethene	1.1		0.13	1.0
cis-1,2-Dichloroethene	270		0.18	1.0
Chloroform	0.94	J	0.080	1.0
1,2-Dichloroethane	1.1		0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	3.6		0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	21		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	3.5		0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	23		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	0.50	J	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	11		0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.4		0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: BP3C-CP-00-032813

Lab Sample ID: 460-53245-3

Date Sampled: 03/26/2013 1406

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00729.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1656			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1656				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: DW1-CP-00-032813

Lab Sample ID: 460-53245-4

Date Sampled: 03/25/2013 0832

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00730.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1722			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1722				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	11		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.21	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.88	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.69	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: DW1-CP-00-032813

Lab Sample ID: 460-53245-4

Date Sampled: 03/25/2013 0832

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00730.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1722			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1722				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: DW2-CP-00-032813

Lab Sample ID: 460-53245-5

Date Sampled: 03/25/2013 0810

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00731.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1747			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1747				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	20		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.24	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.1		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.6		0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: DW2-CP-00-032813

Lab Sample ID: 460-53245-5

Date Sampled: 03/25/2013 0810

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00731.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1747			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1747				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01A-CP-00-032813

Lab Sample ID: 460-53245-6

Date Sampled: 03/26/2013 0824

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00732.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1813			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1813				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	16		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	0.17	J	0.13	1.0
cis-1,2-Dichloroethene	9.9		0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	3.2		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	5.5		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01A-CP-00-032813

Lab Sample ID: 460-53245-6

Date Sampled: 03/26/2013 0824

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00732.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1813			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1813				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	98		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01A-CP-01-032813

Lab Sample ID: 460-53245-7

Date Sampled: 03/26/2013 0824

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00733.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1838			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1838				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	14		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	9.4		0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	3.1		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	5.1		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01A-CP-01-032813

Lab Sample ID: 460-53245-7

Date Sampled: 03/26/2013 0824

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00733.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1838			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1838				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	98		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01B-CP-00-032813

Lab Sample ID: 460-53245-8

Date Sampled: 03/26/2013 0840

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00734.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1903			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1903				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	14		2.7	5.0
Carbon disulfide	0.14	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.40	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.47	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.24	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.2		0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01B-CP-00-032813

Lab Sample ID: 460-53245-8

Date Sampled: 03/26/2013 0840

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00734.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1903			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1903				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	94		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01C-CP-00-032813

Lab Sample ID: 460-53245-9

Date Sampled: 03/26/2013 0848

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00735.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1929			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	9.7		2.7	5.0
Carbon disulfide	0.15	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.41	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.4		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.68	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW01C-CP-00-032813

Lab Sample ID: 460-53245-9

Date Sampled: 03/26/2013 0848

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00735.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1929			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02A-CP-00-032813

Lab Sample ID: 460-53245-10

Date Sampled: 03/25/2013 0942

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00736.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1954			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1954				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	8.0		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.24	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.25	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02A-CP-00-032813

Lab Sample ID: 460-53245-10

Date Sampled: 03/25/2013 0942

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00736.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 1954			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 1954				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02B-CP-00-032813

Lab Sample ID: 460-53245-11

Date Sampled: 03/25/2013 0949

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00737.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2020			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	8.6		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.58	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02B-CP-00-032813

Lab Sample ID: 460-53245-11

Date Sampled: 03/25/2013 0949

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00737.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2020			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	99		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02C-CP-00-032813

Lab Sample ID: 460-53245-12

Date Sampled: 03/25/2013 0955

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00738.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	15		2.7	5.0
Carbon disulfide	0.16	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.98	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02C-CP-00-032813

Lab Sample ID: 460-53245-12

Date Sampled: 03/25/2013 0955

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00738.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02D-CP-00-032813

Lab Sample ID: 460-53245-13

Date Sampled: 03/25/2013 1000

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00739.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2110			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2110				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	15		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.20	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.49	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW02D-CP-00-032813

Lab Sample ID: 460-53245-13

Date Sampled: 03/25/2013 1000

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00739.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2110			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2110				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW03A-CP-00-032813

Lab Sample ID: 460-53245-14

Date Sampled: 03/25/2013 1010

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00740.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2136			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	10		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.32	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.63	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW03A-CP-00-032813

Lab Sample ID: 460-53245-14

Date Sampled: 03/25/2013 1010

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154086	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00740.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2013 2136			Final Weight/Volume:	5 mL
Prep Date:	04/04/2013 2136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW03B-CP-00-032813

Lab Sample ID: 460-53245-15

Date Sampled: 03/25/2013 1018

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00751.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0913			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0913				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	9.8		2.7	5.0
Carbon disulfide	0.19	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.19	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW03B-CP-00-032813

Lab Sample ID: 460-53245-15

Date Sampled: 03/25/2013 1018

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00751.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0913			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0913				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	94		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW03C-CP-00-032813

Lab Sample ID: 460-53245-16

Date Sampled: 03/25/2013 1023

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00752.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0938			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0938				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	15		2.7	5.0
Carbon disulfide	0.20	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.19	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW03C-CP-00-032813

Lab Sample ID: 460-53245-16

Date Sampled: 03/25/2013 1023

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00752.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 0938			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 0938				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04A-CP-00-032813

Lab Sample ID: 460-53245-17

Date Sampled: 03/26/2013 0956

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00753.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1004			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	10		2.7	5.0
Carbon disulfide	0.22	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.34	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.17	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.16	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	2.6		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.49	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04A-CP-00-032813

Lab Sample ID: 460-53245-17

Date Sampled: 03/26/2013 0956

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00753.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1004			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04B-CP-00-032813

Lab Sample ID: 460-53245-18

Date Sampled: 03/26/2013 1003

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00754.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1029			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	14		2.7	5.0
Carbon disulfide	0.21	J	0.13	1.0
Trichlorofluoromethane	0.25	J	0.15	1.0
1,1-Dichloroethene	0.96	J	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.9		0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	4.9		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.6		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.36	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04B-CP-00-032813

Lab Sample ID: 460-53245-18

Date Sampled: 03/26/2013 1003

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00754.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1029			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04C-CP-00-032813

Lab Sample ID: 460-53245-19

Date Sampled: 03/26/2013 1007

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00755.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1055			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1055				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	0.19	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	7.2		0.090	1.0
1,1-Dichloroethane	1.2		0.13	1.0
trans-1,2-Dichloroethene	2.7		0.13	1.0
cis-1,2-Dichloroethene	1.9		0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	8.3		0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	67		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	8.3		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04C-CP-00-032813

Lab Sample ID: 460-53245-19

Date Sampled: 03/26/2013 1007

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00755.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1055			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1055				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04D-CP-00-032813

Lab Sample ID: 460-53245-20

Date Sampled: 03/26/2013 1014

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00756.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1120			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	0.19	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.47	J	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.65	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	68		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	21		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW04D-CP-00-032813

Lab Sample ID: 460-53245-20

Date Sampled: 03/26/2013 1014

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00756.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1120			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW05-CP-00-032813

Lab Sample ID: 460-53245-21

Date Sampled: 03/25/2013 0818

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00757.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1146			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1146				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	14		2.7	5.0
Carbon disulfide	0.16	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	0.31	J	0.13	1.0
cis-1,2-Dichloroethene	0.59	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	5.4		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW05-CP-00-032813

Lab Sample ID: 460-53245-21

Date Sampled: 03/25/2013 0818

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00757.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1146			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1146				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	94		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW06A-CP-00-032813

Lab Sample ID: 460-53245-22

Date Sampled: 03/25/2013 0852

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00758.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1211			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	0.20	J	0.13	1.0
Trichlorofluoromethane	0.29	J	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.22	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.91	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW06A-CP-00-032813

Lab Sample ID: 460-53245-22

Date Sampled: 03/25/2013 0852

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00758.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1211			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW06C-CP-00-032813

Lab Sample ID: 460-53245-23

Date Sampled: 03/25/2013 0851

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00759.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1237			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1237				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	11		2.7	5.0
Carbon disulfide	0.24	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.18	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.4		0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW06C-CP-00-032813

Lab Sample ID: 460-53245-23

Date Sampled: 03/25/2013 0851

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00759.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1237			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1237				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW07C-CP-00-032813

Lab Sample ID: 460-53245-24

Date Sampled: 03/25/2013 1309

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00776.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	2.0	U	0.20	2.0
Bromomethane	2.0	U	0.36	2.0
Vinyl chloride	2.0	U	0.28	2.0
Chloroethane	2.0	U	0.34	2.0
Methylene Chloride	0.59	J	0.36	2.0
Acetone	19		5.4	10
Carbon disulfide	2.0	U	0.26	2.0
Trichlorofluoromethane	2.0	U	0.30	2.0
1,1-Dichloroethene	0.86	J	0.18	2.0
1,1-Dichloroethane	2.0	U	0.26	2.0
trans-1,2-Dichloroethene	2.0	U	0.26	2.0
cis-1,2-Dichloroethene	7.6		0.36	2.0
Chloroform	2.0	U	0.16	2.0
1,2-Dichloroethane	2.0	U *	0.38	2.0
2-Butanone	10	U	4.6	10
1,1,1-Trichloroethane	1.5	J	0.12	2.0
Carbon tetrachloride	2.0	U *	0.12	2.0
Bromodichloromethane	2.0	U	0.24	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
cis-1,3-Dichloropropene	2.0	U	0.36	2.0
Trichloroethene	440		0.18	2.0
Dibromochloromethane	2.0	U	0.40	2.0
1,1,2-Trichloroethane	2.0	U	0.38	2.0
Benzene	2.0	U	0.16	2.0
trans-1,3-Dichloropropene	2.0	U	0.48	2.0
Bromoform	2.0	U	0.38	2.0
4-Methyl-2-pentanone (MIBK)	10	U	2.0	10
2-Hexanone	10	U	1.0	10
Tetrachloroethene	20		0.20	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.32	2.0
Toluene	2.0	U	0.30	2.0
Chlorobenzene	2.0	U	0.22	2.0
Ethylbenzene	2.0	U	0.20	2.0
Styrene	2.0	U	0.24	2.0
m&p-Xylene	4.0	U	0.50	4.0
o-Xylene	2.0	U	0.26	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	0.16	2.0
Methyl tert-butyl ether	1.7	J	0.28	2.0
Cyclohexane	2.0	U	0.32	2.0
1,2-Dibromoethane	2.0	U	0.56	2.0
1,3-Dichlorobenzene	2.0	U	0.28	2.0
1,4-Dichlorobenzene	2.0	U	0.46	2.0
1,2-Dichlorobenzene	2.0	U	0.42	2.0
Dichlorodifluoromethane	2.0	U	0.44	2.0
1,2,4-Trichlorobenzene	2.0	U	0.68	2.0
1,4-Dioxane	100	U	72	100

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW07C-CP-00-032813

Lab Sample ID: 460-53245-24

Date Sampled: 03/25/2013 1309

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00776.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	2.0	U	1.0	2.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.80	2.0
Bromochloromethane	2.0	U	0.54	2.0
Isopropylbenzene	2.0	U	0.16	2.0
Methyl acetate	4.0	U	0.68	4.0
Methylcyclohexane	2.0	U	0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW07D-CP-00-032813

Lab Sample ID: 460-53245-25

Date Sampled: 03/25/2013 1323

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00761.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1328			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	18		2.7	5.0
Carbon disulfide	0.23	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.14	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.22	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	20		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	13		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.81	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW07D-CP-00-032813

Lab Sample ID: 460-53245-25

Date Sampled: 03/25/2013 1323

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00761.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1328			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	87		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW08D-CP-00-032813

Lab Sample ID: 460-53245-26

Date Sampled: 03/25/2013 0912

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00762.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1353			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1353				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	19		2.7	5.0
Carbon disulfide	0.23	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.61	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW08D-CP-00-032813

Lab Sample ID: 460-53245-26

Date Sampled: 03/25/2013 0912

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00762.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1353			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1353				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	129		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW09D-CP-00-032813

Lab Sample ID: 460-53245-27

Date Sampled: 03/25/2013 0904

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00763.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1418			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	0.26	J	0.18	1.0
Acetone	14		2.7	5.0
Carbon disulfide	0.28	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.31	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.60	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.9		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.65	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW09D-CP-00-032813

Lab Sample ID: 460-53245-27

Date Sampled: 03/25/2013 0904

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00763.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1418			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	129		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	98		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW10C-CP-00-032813

Lab Sample ID: 460-53245-28

Date Sampled: 03/26/2013 1025

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00764.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1444			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1444				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	9.7		2.7	5.0
Carbon disulfide	0.19	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.61	J	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.80	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.69	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	0.19	J	0.14	1.0
Cyclohexane	0.36	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW10C-CP-00-032813

Lab Sample ID: 460-53245-28

Date Sampled: 03/26/2013 1025

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00764.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1444			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1444				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	130		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW11D-CP-00-032813

Lab Sample ID: 460-53245-29

Date Sampled: 03/26/2013 0938

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00765.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1509			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	0.25	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.53	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW11D-CP-00-032813

Lab Sample ID: 460-53245-29

Date Sampled: 03/26/2013 0938

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00765.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1509			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW12D-CP-00-032813

Lab Sample ID: 460-53245-30

Date Sampled: 03/26/2013 0946

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154820	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00937.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2013 2229			Final Weight/Volume:	5 mL
Prep Date:	04/09/2013 2229				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.78	J	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.1		0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.38	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	4.0		0.090	1.0
Dibromochloromethane	1.0	U *	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U *	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.36	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.82	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW12D-CP-00-032813

Lab Sample ID: 460-53245-30

Date Sampled: 03/26/2013 0946

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154820	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00937.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2013 2229			Final Weight/Volume:	5 mL
Prep Date:	04/09/2013 2229				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	92		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW13D-CP-00-032813

Lab Sample ID: 460-53245-31

Date Sampled: 03/26/2013 1032

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154820	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00938.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2013 2254			Final Weight/Volume:	5 mL
Prep Date:	04/09/2013 2254				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	13		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.79	J	0.090	1.0
1,1-Dichloroethane	0.47	J	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.87	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.3		0.090	1.0
Dibromochloromethane	1.0	U *	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U *	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.3		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	0.18	J	0.14	1.0
Cyclohexane	0.58	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW13D-CP-00-032813

Lab Sample ID: 460-53245-31

Date Sampled: 03/26/2013 1032

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154820	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00938.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2013 2254			Final Weight/Volume:	5 mL
Prep Date:	04/09/2013 2254				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	95		70 - 130
4-Bromofluorobenzene	93		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW14D-CP-00-032813

Lab Sample ID: 460-53245-32

Date Sampled: 03/26/2013 0919

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00768.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1625			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	40		0.090	1.0
1,1-Dichloroethane	0.80	J	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	2.2		0.18	1.0
Chloroform	1.8		0.080	1.0
1,2-Dichloroethane	7.2		0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	45		0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	320		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	0.65	J	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	3.1		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.86	J	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.88	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: EW14D-CP-00-032813

Lab Sample ID: 460-53245-32

Date Sampled: 03/26/2013 0919

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00768.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1625			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	92		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: LF02-CP-00-032813

Lab Sample ID: 460-53245-33

Date Sampled: 03/26/2013 0810

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00780.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2227			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2227				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	0.20	J	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	0.39	J	0.18	1.0
Acetone	13		2.7	5.0
Carbon disulfide	0.22	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.24	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	3.6		0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	0.29	J	0.15	1.0
Chlorobenzene	4.5		0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	1.4	J	0.25	2.0
o-Xylene	0.94	J	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	4.2		0.23	1.0
1,2-Dichlorobenzene	1.8		0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: LF02-CP-00-032813

Lab Sample ID: 460-53245-33

Date Sampled: 03/26/2013 0810

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00780.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2227			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2227				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	4.2		0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	124		70 - 130	
Toluene-d8 (Surr)	96		70 - 130	
4-Bromofluorobenzene	95		70 - 130	

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW06D-CP-00-032813

Lab Sample ID: 460-53245-34

Date Sampled: 03/25/2013 1343

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00781.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2252				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	0.42	J	0.18	1.0
Acetone	10		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	0.41	J	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	0.25	J	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	0.45	J	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	2.6		0.14	1.0
Cyclohexane	1.2		0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	0.66	J	0.23	1.0
1,2-Dichlorobenzene	0.34	J	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW06D-CP-00-032813

Lab Sample ID: 460-53245-34

Date Sampled: 03/25/2013 1343

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00781.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2252				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	100		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW08A-CP-00-032813

Lab Sample ID: 460-53245-35

Date Sampled: 03/25/2013 1442

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00782.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2318			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2318				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	0.24	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.37	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	5.5		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW08A-CP-00-032813

Lab Sample ID: 460-53245-35

Date Sampled: 03/25/2013 1442

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00782.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2318			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2318				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	93		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW08B-CP-00-032813

Lab Sample ID: 460-53245-36

Date Sampled: 03/25/2013 1449

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00783.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2343			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2343				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	20		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.25	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.1		0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW08B-CP-00-032813

Lab Sample ID: 460-53245-36

Date Sampled: 03/25/2013 1449

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00783.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 2343			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 2343				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	106		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW08C-CP-00-032813

Lab Sample ID: 460-53245-37

Date Sampled: 03/25/2013 1504

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00784.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0009			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0009				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	0.31	J	0.18	1.0
Acetone	13		2.7	5.0
Carbon disulfide	0.22	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.98	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW08C-CP-00-032813

Lab Sample ID: 460-53245-37

Date Sampled: 03/25/2013 1504

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00784.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0009			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0009				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW10B-CP-00-032813

Lab Sample ID: 460-53245-38

Date Sampled: 03/25/2013 1033

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00785.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0034			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0034				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	0.32	J	0.18	1.0
Acetone	13		2.7	5.0
Carbon disulfide	0.23	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.21	J	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.35	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW10B-CP-00-032813

Lab Sample ID: 460-53245-38

Date Sampled: 03/25/2013 1033

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00785.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0034			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0034				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	93		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW10C-CP-00-0328133

Lab Sample ID: 460-53245-39

Date Sampled: 03/25/2013 1042

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00786.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0100			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	16		2.7	5.0
Carbon disulfide	0.30	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.3		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.84	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW10C-CP-00-0328133

Lab Sample ID: 460-53245-39

Date Sampled: 03/25/2013 1042

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00786.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0100			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	129		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	103		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW10D-CP-00-032813

Lab Sample ID: 460-53245-40

Date Sampled: 03/25/2013 1048

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00787.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0125			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0125				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	0.63	J	0.090	1.0
1,1-Dichloroethane	0.82	J	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.74	J	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.82	J	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	6.2		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	4.6		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.87	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: MW10D-CP-00-032813

Lab Sample ID: 460-53245-40

Date Sampled: 03/25/2013 1048

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00787.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0125			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0125				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	93		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: SW1-CP-00-032813

Lab Sample ID: 460-53245-41

Date Sampled: 03/25/2013 0831

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00788.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0151			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0151				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	0.27	J	0.18	1.0
Acetone	15		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	5.9		0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	15		0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	110		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.67	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: SW1-CP-00-032813

Lab Sample ID: 460-53245-41

Date Sampled: 03/25/2013 0831

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00788.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0151			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0151				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene	96		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: WT01-CP-00-032813

Lab Sample ID: 460-53245-42

Date Sampled: 03/26/2013 1042

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00789.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0216			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0216				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	0.42	J	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: WT01-CP-00-032813

Lab Sample ID: 460-53245-42

Date Sampled: 03/26/2013 1042

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00789.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0216			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0216				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	94		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: WT01-CP-01-032813

Lab Sample ID: 460-53245-43

Date Sampled: 03/26/2013 1042

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00790.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0242			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	14		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U *	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U *	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: WT01-CP-01-032813

Lab Sample ID: 460-53245-43

Date Sampled: 03/26/2013 1042

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154374	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00790.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/06/2013 0242			Final Weight/Volume:	5 mL
Prep Date:	04/06/2013 0242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	130		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	99		70 - 130

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: xRB01-CP-QC-032813

Lab Sample ID: 460-53245-44

Date Sampled: 03/26/2013 1100

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154524	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00857.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/08/2013 1020			Final Weight/Volume:	5 mL
Prep Date:	04/08/2013 1020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	0.58	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	0.31	J	0.18	1.0
Chloroform	0.61	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U *	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.1		0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	2.1		0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.7		0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: xRB01-CP-QC-032813

Lab Sample ID: 460-53245-44

Date Sampled: 03/26/2013 1100

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154524	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00857.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/08/2013 1020			Final Weight/Volume:	5 mL
Prep Date:	04/08/2013 1020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	126		70 - 130	
Toluene-d8 (Surr)	98		70 - 130	
4-Bromofluorobenzene	98		70 - 130	

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: xTB01-CP-QC-032513

Lab Sample ID: 460-53245-45

Date Sampled: 03/25/2013 0600

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154524	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00858.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/08/2013 1046			Final Weight/Volume:	5 mL
Prep Date:	04/08/2013 1046				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	0.28	J	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.33	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U *	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	0.96	J	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	2.2		0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.8		0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50

Analytical Data

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Client Sample ID: xTB01-CP-QC-032513

Lab Sample ID: 460-53245-45

Date Sampled: 03/25/2013 0600

Client Matrix: Water

Date Received: 03/28/2013 1810

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-154524	Instrument ID:	VOAMS10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	r00858.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/08/2013 1046			Final Weight/Volume:	5 mL
Prep Date:	04/08/2013 1046				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	90		70 - 130

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-53245-1	BP3A-CP-00-032813	118	99	97
460-53245-2	BP3B-CP-00-032813	120	99	96
460-53245-3	BP3C-CP-00-032813	115	98	96
460-53245-4	DW1-CP-00-032813	115	98	97
460-53245-5	DW2-CP-00-032813	119	98	97
460-53245-6	EW01A-CP-00-032813	119	99	98
460-53245-7	EW01A-CP-01-032813	116	97	98
460-53245-8	EW01B-CP-00-032813	117	98	94
460-53245-9	EW01C-CP-00-032813	117	98	95
460-53245-10	EW02A-CP-00-032813	118	98	96
460-53245-11	EW02B-CP-00-032813	118	99	99
460-53245-12	EW02C-CP-00-032813	119	98	95
460-53245-13	EW02D-CP-00-032813	118	98	96
460-53245-14	EW03A-CP-00-032813	122	100	96
460-53245-15	EW03B-CP-00-032813	121	98	94
460-53245-16	EW03C-CP-00-032813	122	98	97
460-53245-17	EW04A-CP-00-032813	120	99	96
460-53245-18	EW04B-CP-00-032813	122	99	95
460-53245-19	EW04C-CP-00-032813	123	100	97
460-53245-20	EW04D-CP-00-032813	121	99	97
460-53245-21	EW05-CP-00-032813	120	100	94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-53245-22	EW06A-CP-00-03281 3	120	100	95
460-53245-23	EW06C-CP-00-03281 3	125	98	95
460-53245-24	EW07C-CP-00-03281 3	125	99	95
460-53245-25	EW07D-CP-00-03281 3	127	98	87
460-53245-26	EW08D-CP-00-03281 3	129	99	95
460-53245-27	EW09D-CP-00-03281 3	129	97	98
460-53245-28	EW10C-CP-00-03281 3	130	98	96
460-53245-29	EW11D-CP-00-03281 3	128	100	95
460-53245-30	EW12D-CP-00-03281 3	112	97	92
460-53245-31	EW13D-CP-00-03281 3	116	95	93
460-53245-32	EW14D-CP-00-03281 3	128	101	92
460-53245-33	LF02-CP-00-032813	124	96	95
460-53245-34	MW06D-CP-00-03281 3	122	97	100
460-53245-35	MW08A-CP-00-03281 3	125	97	93
460-53245-36	MW08B-CP-00-03281 3	126	99	106
460-53245-37	MW08C-CP-00-03281 3	128	101	95
460-53245-38	MW10B-CP-00-03281 3	128	97	93
460-53245-39	MW10C-CP-00-03281 33	129	98	103
460-53245-40	MW10D-CP-00-03281 3	127	99	93

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-53245-41	SW1-CP-00-032813	128	97	96
460-53245-42	WT01-CP-00-032813	128	100	94
460-53245-43	WT01-CP-01-032813	130	98	99
460-53245-44	xRB01-CP-QC-032813	126	98	98
460-53245-45	xB01-CP-QC-032513	128	99	90
MB 460-154086/4		117	100	96
MB 460-154239/4		116	100	95
MB 460-154374/4		125	98	99
MB 460-154524/4		125	105	95
MB 460-154820/4		114	96	94
LCS 460-154086/3		107	101	99
LCS 460-154239/3		115	101	96
LCS 460-154374/3		120	103	96
LCS 460-154524/3		119	106	97
LCS 460-154820/3		106	102	93
460-53245-1 MS	BP3A-CP-00-032813 MS	126	104	91
460-53245-1 MSD	BP3A-CP-00-032813 MSD	123	105	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154086

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154086/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/04/2013 1152
 Prep Date: 04/04/2013 1152
 Leach Date: N/A

Analysis Batch: 460-154086
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS10
 Lab File ID: r00717.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154086

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154086/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/04/2013 1152
Prep Date: 04/04/2013 1152
Leach Date: N/A

Analysis Batch: 460-154086
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00717.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	50	U	36	50
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	70 - 130
Toluene-d8 (Surr)	100	70 - 130
4-Bromofluorobenzene	96	70 - 130

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154086

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154086/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/04/2013 1055
Prep Date: 04/04/2013 1055
Leach Date: N/A

Analysis Batch: 460-154086
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00715.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.4	82	58 - 146	
Bromomethane	20.0	18.2	91	55 - 153	
Vinyl chloride	20.0	21.6	108	61 - 144	
Chloroethane	20.0	17.2	86	69 - 145	
Methylene Chloride	20.0	16.6	83	79 - 119	
Acetone	20.0	19.7	99	45 - 156	
Carbon disulfide	20.0	15.0	75	58 - 139	
Trichlorofluoromethane	20.0	20.3	102	69 - 147	
1,1-Dichloroethene	20.0	16.8	84	56 - 139	
1,1-Dichloroethane	20.0	17.2	86	78 - 122	
trans-1,2-Dichloroethene	20.0	16.5	82	75 - 122	
cis-1,2-Dichloroethene	20.0	16.0	80	80 - 120	
Chloroform	20.0	18.7	93	82 - 123	
1,2-Dichloroethane	20.0	20.2	101	74 - 118	
2-Butanone	20.0	19.0	95	65 - 114	
1,1,1-Trichloroethane	20.0	18.9	94	74 - 128	
Carbon tetrachloride	20.0	19.1	96	73 - 120	
Bromodichloromethane	20.0	19.5	97	79 - 119	
1,2-Dichloropropane	20.0	18.8	94	80 - 120	
cis-1,3-Dichloropropene	20.0	18.0	90	80 - 120	
Trichloroethene	20.0	21.3	106	78 - 119	
Dibromochloromethane	20.0	18.0	90	80 - 120	
1,1,2-Trichloroethane	20.0	18.6	93	79 - 119	
Benzene	20.0	18.4	92	83 - 124	
trans-1,3-Dichloropropene	20.0	17.6	88	78 - 118	
Bromoform	20.0	15.8	79	73 - 123	
4-Methyl-2-pentanone (MIBK)	20.0	17.9	89	53 - 120	
2-Hexanone	20.0	17.9	89	53 - 121	
Tetrachloroethene	20.0	21.3	107	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	74 - 126	
Toluene	20.0	20.4	102	80 - 120	
Chlorobenzene	20.0	19.7	98	81 - 121	
Ethylbenzene	20.0	19.2	96	79 - 126	
Styrene	20.0	19.9	100	69 - 112	
m&p-Xylene	40.0	39.5	99	76 - 120	
o-Xylene	20.0	19.4	97	78 - 118	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1	90	47 - 139	
Methyl tert-butyl ether	20.0	17.3	87	71 - 115	
Cyclohexane	20.0	15.6	78	58 - 133	
1,2-Dibromoethane	20.0	19.3	97	78 - 118	
1,3-Dichlorobenzene	20.0	19.8	99	81 - 126	
1,4-Dichlorobenzene	20.0	19.2	96	83 - 123	
1,2-Dichlorobenzene	20.0	19.3	97	82 - 122	
Dichlorodifluoromethane	20.0	17.3	87	46 - 145	
1,2,4-Trichlorobenzene	20.0	19.0	95	66 - 120	
1,4-Dioxane	150	162	108	52 - 126	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154086

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154086/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/04/2013 1055
Prep Date: 04/04/2013 1055
Leach Date: N/A

Analysis Batch: 460-154086
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00715.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	18.1	91	76 - 123	
1,2-Dibromo-3-Chloropropane	20.0	15.8	79	70 - 116	
Bromochloromethane	20.0	17.6	88	80 - 121	
Isopropylbenzene	20.0	20.6	103	80 - 125	
Methyl acetate	20.0	17.0	85	50 - 151	
Methylcyclohexane	20.0	17.9	90	61 - 129	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		107		70 - 130	
Toluene-d8 (Surr)		101		70 - 130	
4-Bromofluorobenzene		99		70 - 130	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154239

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154239/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 0756
Prep Date: 04/05/2013 0756
Leach Date: N/A

Analysis Batch: 460-154239
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00748.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154239

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154239/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 0756
Prep Date: 04/05/2013 0756
Leach Date: N/A

Analysis Batch: 460-154239
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00748.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	50	U	36	50
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	70 - 130
Toluene-d8 (Surr)	100	70 - 130
4-Bromofluorobenzene	95	70 - 130

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154239

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154239/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 0658
Prep Date: 04/05/2013 0658
Leach Date: N/A

Analysis Batch: 460-154239
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00746.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.8	84	58 - 146	
Bromomethane	20.0	22.4	112	55 - 153	
Vinyl chloride	20.0	20.4	102	61 - 144	
Chloroethane	20.0	18.9	95	69 - 145	
Methylene Chloride	20.0	20.0	100	79 - 119	
Acetone	20.0	23.5	117	45 - 156	
Carbon disulfide	20.0	20.1	101	58 - 139	
Trichlorofluoromethane	20.0	22.4	112	69 - 147	
1,1-Dichloroethene	20.0	21.7	109	56 - 139	
1,1-Dichloroethane	20.0	19.9	100	78 - 122	
trans-1,2-Dichloroethene	20.0	20.2	101	75 - 122	
cis-1,2-Dichloroethene	20.0	18.5	92	80 - 120	
Chloroform	20.0	21.5	107	82 - 123	
1,2-Dichloroethane	20.0	22.0	110	74 - 118	
2-Butanone	20.0	21.9	109	65 - 114	
1,1,1-Trichloroethane	20.0	21.7	109	74 - 128	
Carbon tetrachloride	20.0	21.7	109	73 - 120	
Bromodichloromethane	20.0	19.3	97	79 - 119	
1,2-Dichloropropane	20.0	18.5	92	80 - 120	
cis-1,3-Dichloropropene	20.0	19.0	95	80 - 120	
Trichloroethene	20.0	20.1	100	78 - 119	
Dibromochloromethane	20.0	18.7	94	80 - 120	
1,1,2-Trichloroethane	20.0	18.9	95	79 - 119	
Benzene	20.0	20.9	104	83 - 124	
trans-1,3-Dichloropropene	20.0	18.7	93	78 - 118	
Bromoform	20.0	17.3	87	73 - 123	
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	53 - 120	
2-Hexanone	20.0	20.5	102	53 - 121	
Tetrachloroethene	20.0	20.7	103	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	74 - 126	
Toluene	20.0	20.4	102	80 - 120	
Chlorobenzene	20.0	19.7	99	81 - 121	
Ethylbenzene	20.0	19.2	96	79 - 126	
Styrene	20.0	19.8	99	69 - 112	
m&p-Xylene	40.0	39.9	100	76 - 120	
o-Xylene	20.0	19.7	99	78 - 118	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.5	113	47 - 139	
Methyl tert-butyl ether	20.0	20.6	103	71 - 115	
Cyclohexane	20.0	19.4	97	58 - 133	
1,2-Dibromoethane	20.0	20.3	102	78 - 118	
1,3-Dichlorobenzene	20.0	19.6	98	81 - 126	
1,4-Dichlorobenzene	20.0	19.7	98	83 - 123	
1,2-Dichlorobenzene	20.0	19.3	97	82 - 122	
Dichlorodifluoromethane	20.0	20.7	104	46 - 145	
1,2,4-Trichlorobenzene	20.0	19.6	98	66 - 120	
1,4-Dioxane	150	178	118	52 - 126	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154239

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154239/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 0658
Prep Date: 04/05/2013 0658
Leach Date: N/A

Analysis Batch: 460-154239
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00746.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	19.1	95	76 - 123	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	70 - 116	
Bromochloromethane	20.0	20.7	103	80 - 121	
Isopropylbenzene	20.0	20.7	104	80 - 125	
Methyl acetate	20.0	19.4	97	50 - 151	
Methylcyclohexane	20.0	19.0	95	61 - 129	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		115		70 - 130	
Toluene-d8 (Surr)		101		70 - 130	
4-Bromofluorobenzene		96		70 - 130	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-154239

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-53245-1	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r00769.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1651			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1651				
Leach Date:	N/A				

MSD Lab Sample ID:	460-53245-1	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r00770.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1715			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1715				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	84	84	58 - 146	0	30		
Bromomethane	102	117	55 - 153	13	30		
Vinyl chloride	104	106	61 - 144	2	30		
Chloroethane	99	104	69 - 145	4	30		
Methylene Chloride	103	101	79 - 119	2	30		
Acetone	101	119	45 - 156	16	30		
Carbon disulfide	115	110	58 - 139	5	30		
Trichlorofluoromethane	116	122	69 - 147	5	30		
1,1-Dichloroethene	92	108	56 - 139	16	30		
1,1-Dichloroethane	107	103	78 - 122	4	30		
trans-1,2-Dichloroethene	101	99	75 - 122	2	30		
cis-1,2-Dichloroethene	95	92	80 - 120	3	30		
Chloroform	119	112	82 - 123	6	30		
1,2-Dichloroethane	121	117	74 - 118	3	30	*	
2-Butanone	98	93	65 - 114	5	30		
1,1,1-Trichloroethane	121	115	74 - 128	5	30		
Carbon tetrachloride	128	122	73 - 120	5	30	*	*
Bromodichloromethane	120	111	79 - 119	8	30	*	
1,2-Dichloropropane	98	95	80 - 120	3	30		
cis-1,3-Dichloropropene	96	94	80 - 120	2	30		
Trichloroethene	111	105	78 - 119	6	30		
Dibromochloromethane	122	115	80 - 120	5	30	*	
1,1,2-Trichloroethane	103	102	79 - 119	1	30		
Benzene	110	107	83 - 124	4	30		
trans-1,3-Dichloropropene	93	92	78 - 118	2	30		
Bromoform	115	110	73 - 123	5	30		
4-Methyl-2-pentanone (MIBK)	94	91	53 - 120	3	30		
2-Hexanone	90	92	53 - 121	2	30		
Tetrachloroethene	110	105	68 - 139	4	30		
1,1,2,2-Tetrachloroethane	86	91	74 - 126	6	30		
Toluene	106	103	80 - 120	4	30		
Chlorobenzene	104	100	81 - 121	4	30		
Ethylbenzene	98	97	79 - 126	1	30		

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-154239**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	460-53245-1	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r00769.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1651			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1651				
Leach Date:	N/A				

MSD Lab Sample ID:	460-53245-1	Analysis Batch:	460-154239	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r00770.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2013 1715			Final Weight/Volume:	5 mL
Prep Date:	04/05/2013 1715				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	107	102	69 - 112	5	30		
m&p-Xylene	103	98	76 - 120	5	30		
o-Xylene	100	96	78 - 118	4	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	112	47 - 139	11	30		
Methyl tert-butyl ether	100	98	71 - 115	2	30		
Cyclohexane	94	90	58 - 133	5	30		
1,2-Dibromoethane	104	100	78 - 118	5	30		
1,3-Dichlorobenzene	96	96	81 - 126	0	30		
1,4-Dichlorobenzene	97	97	83 - 123	1	30		
1,2-Dichlorobenzene	95	96	82 - 122	1	30		
Dichlorodifluoromethane	108	102	46 - 145	6	30		
1,2,4-Trichlorobenzene	80	93	66 - 120	15	30		
1,4-Dioxane	94	83	52 - 126	12	30		
1,2,3-Trichlorobenzene	74	87	76 - 123	16	30	*	
1,2-Dibromo-3-Chloropropane	86	87	70 - 116	0	30		
Bromochloromethane	106	104	80 - 121	1	30		
Isopropylbenzene	107	103	80 - 125	4	30		
Methyl acetate	100	94	50 - 151	7	30		
Methylcyclohexane	92	88	61 - 129	5	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	126		123		70 - 130		
Toluene-d8 (Surr)	104		105		70 - 130		
4-Bromofluorobenzene	91		97		70 - 130		

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-154239

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-53245-1 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 04/05/2013 1651
Prep Date: 04/05/2013 1651
Leach Date: N/A

MSD Lab Sample ID: 460-53245-1
Client Matrix: Water
Dilution: 10
Analysis Date: 04/05/2013 1715
Prep Date: 04/05/2013 1715
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	1.0 U	200	200	168	168
Bromomethane	1.0 U	200	200	205	233
Vinyl chloride	1.0 U	200	200	208	211
Chloroethane	1.0 U	200	200	199	207
Methylene Chloride	1.0 U	200	200	206	202
Acetone	13	200	200	214	251
Carbon disulfide	1.0 U	200	200	230	220
Trichlorofluoromethane	1.0 U	200	200	233	244
1,1-Dichloroethene	1.0 U	200	200	184	216
1,1-Dichloroethane	1.0 U	200	200	213	205
trans-1,2-Dichloroethene	1.0 U	200	200	202	199
cis-1,2-Dichloroethene	1.0 U	200	200	189	184
Chloroform	0.87 J	200	200	238	224
1,2-Dichloroethane	1.0 U	200	200	243 *	235
2-Butanone	5.0 U	200	200	195	186
1,1,1-Trichloroethane	1.0 U	200	200	242	230
Carbon tetrachloride	1.0 U	200	200	255 *	244 *
Bromodichloromethane	1.0 U	200	200	240 *	223
1,2-Dichloropropane	1.0 U	200	200	197	191
cis-1,3-Dichloropropene	1.0 U	200	200	192	188
Trichloroethene	1.0 U	200	200	221	209
Dibromochloromethane	1.0 U	200	200	244 *	231
1,1,2-Trichloroethane	1.0 U	200	200	206	203
Benzene	1.0 U	200	200	221	213
trans-1,3-Dichloropropene	1.0 U	200	200	187	183
Bromoform	1.0 U	200	200	231	219
4-Methyl-2-pentanone (MIBK)	5.0 U	200	200	188	182
2-Hexanone	5.0 U	200	200	179	183
Tetrachloroethene	1.0 U	200	200	220	211
1,1,2,2-Tetrachloroethane	1.0 U	200	200	173	183
Toluene	1.0 U	200	200	213	205
Chlorobenzene	1.0 U	200	200	208	200
Ethylbenzene	1.0 U	200	200	196	195
Styrene	1.0 U	200	200	214	204
m&p-Xylene	2.0 U	400	400	412	393
o-Xylene	1.0 U	200	200	200	192
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	200	200	201	224
Methyl tert-butyl ether	1.0 U	200	200	200	196
Cyclohexane	0.63 J	200	200	189	180
1,2-Dibromoethane	1.0 U	200	200	209	199
1,3-Dichlorobenzene	1.0 U	200	200	193	193
1,4-Dichlorobenzene	1.0 U	200	200	193	194
1,2-Dichlorobenzene	1.0 U	200	200	191	192

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-154239

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-53245-1 Units: ug/L
 Client Matrix: Water
 Dilution: 10
 Analysis Date: 04/05/2013 1651
 Prep Date: 04/05/2013 1651
 Leach Date: N/A

MSD Lab Sample ID: 460-53245-1
 Client Matrix: Water
 Dilution: 10
 Analysis Date: 04/05/2013 1715
 Prep Date: 04/05/2013 1715
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.0	U	200	200	217	203
1,2,4-Trichlorobenzene	1.0	U	200	200	161	187
1,4-Dioxane	50	U	1500	1500	1410	1250
1,2,3-Trichlorobenzene	1.0	U	200	200	148	174
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	172	173
Bromochloromethane	1.0	U	200	200	211	208
Isopropylbenzene	1.0	U	200	200	214	206
Methyl acetate	2.0	U	200	200	201	188
Methylcyclohexane	1.0	U	200	200	184	175

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154374

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154374/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 2020
Prep Date: 04/05/2013 2020
Leach Date: N/A

Analysis Batch: 460-154374
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00775.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154374

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154374/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/05/2013 2020
 Prep Date: 04/05/2013 2020
 Leach Date: N/A

Analysis Batch: 460-154374
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS10
 Lab File ID: r00775.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	50	U	36	50
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	70 - 130
Toluene-d8 (Surr)	98	70 - 130
4-Bromofluorobenzene	99	70 - 130

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154374

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154374/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 1928
Prep Date: 04/05/2013 1928
Leach Date: N/A

Analysis Batch: 460-154374
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00773.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	19.7	98	58 - 146	
Bromomethane	20.0	25.3	126	55 - 153	
Vinyl chloride	20.0	23.2	116	61 - 144	
Chloroethane	20.0	21.3	106	69 - 145	
Methylene Chloride	20.0	20.8	104	79 - 119	
Acetone	20.0	20.0	100	45 - 156	
Carbon disulfide	20.0	20.7	104	58 - 139	
Trichlorofluoromethane	20.0	26.8	134	69 - 147	
1,1-Dichloroethene	20.0	22.8	114	56 - 139	
1,1-Dichloroethane	20.0	21.6	108	78 - 122	
trans-1,2-Dichloroethene	20.0	21.6	108	75 - 122	
cis-1,2-Dichloroethene	20.0	20.3	101	80 - 120	
Chloroform	20.0	22.9	114	82 - 123	
1,2-Dichloroethane	20.0	24.0	120	74 - 118	*
2-Butanone	20.0	20.9	104	65 - 114	
1,1,1-Trichloroethane	20.0	24.4	122	74 - 128	
Carbon tetrachloride	20.0	24.9	125	73 - 120	*
Bromodichloromethane	20.0	22.8	114	79 - 119	
1,2-Dichloropropane	20.0	19.9	100	80 - 120	
cis-1,3-Dichloropropene	20.0	21.0	105	80 - 120	
Trichloroethene	20.0	22.0	110	78 - 119	
Dibromochloromethane	20.0	23.1	116	80 - 120	
1,1,2-Trichloroethane	20.0	20.6	103	79 - 119	
Benzene	20.0	22.4	112	83 - 124	
trans-1,3-Dichloropropene	20.0	20.6	103	78 - 118	
Bromoform	20.0	22.4	112	73 - 123	
4-Methyl-2-pentanone (MIBK)	20.0	18.8	94	53 - 120	
2-Hexanone	20.0	18.9	95	53 - 121	
Tetrachloroethene	20.0	22.5	113	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	74 - 126	
Toluene	20.0	21.8	109	80 - 120	
Chlorobenzene	20.0	21.3	106	81 - 121	
Ethylbenzene	20.0	20.6	103	79 - 126	
Styrene	20.0	21.7	108	69 - 112	
m&p-Xylene	40.0	43.2	108	76 - 120	
o-Xylene	20.0	20.7	103	78 - 118	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.7	109	47 - 139	
Methyl tert-butyl ether	20.0	20.0	100	71 - 115	
Cyclohexane	20.0	18.1	90	58 - 133	
1,2-Dibromoethane	20.0	21.4	107	78 - 118	
1,3-Dichlorobenzene	20.0	20.5	103	81 - 126	
1,4-Dichlorobenzene	20.0	20.4	102	83 - 123	
1,2-Dichlorobenzene	20.0	20.5	102	82 - 122	
Dichlorodifluoromethane	20.0	24.3	121	46 - 145	
1,2,4-Trichlorobenzene	20.0	19.7	98	66 - 120	
1,4-Dioxane	150	152	101	52 - 126	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154374

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154374/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/05/2013 1928
Prep Date: 04/05/2013 1928
Leach Date: N/A

Analysis Batch: 460-154374
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00773.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	18.5	93	76 - 123	
1,2-Dibromo-3-Chloropropane	20.0	19.5	97	70 - 116	
Bromochloromethane	20.0	21.6	108	80 - 121	
Isopropylbenzene	20.0	22.3	112	80 - 125	
Methyl acetate	20.0	22.9	114	50 - 151	
Methylcyclohexane	20.0	18.5	93	61 - 129	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		120		70 - 130	
Toluene-d8 (Surr)		103		70 - 130	
4-Bromofluorobenzene		96		70 - 130	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154524

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154524/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/08/2013 0947
Prep Date: 04/08/2013 0947
Leach Date: N/A

Analysis Batch: 460-154524
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00856.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154524

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154524/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/08/2013 0947
 Prep Date: 04/08/2013 0947
 Leach Date: N/A

Analysis Batch: 460-154524
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS10
 Lab File ID: r00856.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	50	U	36	50
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	70 - 130
Toluene-d8 (Surr)	105	70 - 130
4-Bromofluorobenzene	95	70 - 130

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154524

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154524/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/08/2013 0848
Prep Date: 04/08/2013 0848
Leach Date: N/A

Analysis Batch: 460-154524
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00854.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	17.0	85	58 - 146	
Bromomethane	20.0	19.1	95	55 - 153	
Vinyl chloride	20.0	22.0	110	61 - 144	
Chloroethane	20.0	19.3	96	69 - 145	
Methylene Chloride	20.0	20.6	103	79 - 119	
Acetone	20.0	27.1	136	45 - 156	
Carbon disulfide	20.0	21.6	108	58 - 139	
Trichlorofluoromethane	20.0	23.7	118	69 - 147	
1,1-Dichloroethene	20.0	21.3	107	56 - 139	
1,1-Dichloroethane	20.0	20.2	101	78 - 122	
trans-1,2-Dichloroethene	20.0	19.9	100	75 - 122	
cis-1,2-Dichloroethene	20.0	19.0	95	80 - 120	
Chloroform	20.0	22.2	111	82 - 123	
1,2-Dichloroethane	20.0	22.7	113	74 - 118	
2-Butanone	20.0	24.5	123	65 - 114	*
1,1,1-Trichloroethane	20.0	22.9	114	74 - 128	
Carbon tetrachloride	20.0	23.7	118	73 - 120	
Bromodichloromethane	20.0	22.5	112	79 - 119	
1,2-Dichloropropane	20.0	18.8	94	80 - 120	
cis-1,3-Dichloropropene	20.0	19.8	99	80 - 120	
Trichloroethene	20.0	20.6	103	78 - 119	
Dibromochloromethane	20.0	23.3	117	80 - 120	
1,1,2-Trichloroethane	20.0	20.3	101	79 - 119	
Benzene	20.0	21.1	105	83 - 124	
trans-1,3-Dichloropropene	20.0	20.0	100	78 - 118	
Bromoform	20.0	21.6	108	73 - 123	
4-Methyl-2-pentanone (MIBK)	20.0	19.4	97	53 - 120	
2-Hexanone	20.0	20.2	101	53 - 121	
Tetrachloroethene	20.0	21.5	107	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	74 - 126	
Toluene	20.0	20.7	103	80 - 120	
Chlorobenzene	20.0	20.0	100	81 - 121	
Ethylbenzene	20.0	19.6	98	79 - 126	
Styrene	20.0	19.3	97	69 - 112	
m&p-Xylene	40.0	39.4	98	76 - 120	
o-Xylene	20.0	18.6	93	78 - 118	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.6	113	47 - 139	
Methyl tert-butyl ether	20.0	20.9	105	71 - 115	
Cyclohexane	20.0	18.3	91	58 - 133	
1,2-Dibromoethane	20.0	20.5	102	78 - 118	
1,3-Dichlorobenzene	20.0	19.5	97	81 - 126	
1,4-Dichlorobenzene	20.0	19.6	98	83 - 123	
1,2-Dichlorobenzene	20.0	18.3	91	82 - 122	
Dichlorodifluoromethane	20.0	20.9	104	46 - 145	
1,2,4-Trichlorobenzene	20.0	18.7	93	66 - 120	
1,4-Dioxane	150	163	108	52 - 126	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154524

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154524/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/08/2013 0848
Prep Date: 04/08/2013 0848
Leach Date: N/A

Analysis Batch: 460-154524
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00854.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	17.6	88	76 - 123	
1,2-Dibromo-3-Chloropropane	20.0	18.3	91	70 - 116	
Bromochloromethane	20.0	21.1	105	80 - 121	
Isopropylbenzene	20.0	19.7	99	80 - 125	
Methyl acetate	20.0	20.2	101	50 - 151	
Methylcyclohexane	20.0	17.9	90	61 - 129	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		119		70 - 130	
Toluene-d8 (Surr)		106		70 - 130	
4-Bromofluorobenzene		97		70 - 130	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154820

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154820/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/09/2013 2203
Prep Date: 04/09/2013 2203
Leach Date: N/A

Analysis Batch: 460-154820
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00936.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
m&p-Xylene	2.0	U	0.25	2.0
o-Xylene	1.0	U	0.13	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Method Blank - Batch: 460-154820

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-154820/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/09/2013 2203
Prep Date: 04/09/2013 2203
Leach Date: N/A

Analysis Batch: 460-154820
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00936.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	50	U	36	50
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
Bromochloromethane	1.0	U	0.27	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	2.0	U	0.34	2.0
Methylcyclohexane	1.0	U	0.14	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 130
Toluene-d8 (Surr)	96	70 - 130
4-Bromofluorobenzene	94	70 - 130

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154820

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-154820/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/09/2013 2052
Prep Date: 04/09/2013 2052
Leach Date: N/A

Analysis Batch: 460-154820
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS10
Lab File ID: r00934.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	18.1	91	58 - 146	
Bromomethane	20.0	19.3	97	55 - 153	
Vinyl chloride	20.0	21.4	107	61 - 144	
Chloroethane	20.0	21.8	109	69 - 145	
Methylene Chloride	20.0	21.7	108	79 - 119	
Acetone	20.0	20.8	104	45 - 156	
Carbon disulfide	20.0	20.7	103	58 - 139	
Trichlorofluoromethane	20.0	24.6	123	69 - 147	
1,1-Dichloroethene	20.0	21.8	109	56 - 139	
1,1-Dichloroethane	20.0	21.8	109	78 - 122	
trans-1,2-Dichloroethene	20.0	21.6	108	75 - 122	
cis-1,2-Dichloroethene	20.0	20.5	102	80 - 120	
Chloroform	20.0	22.3	112	82 - 123	
1,2-Dichloroethane	20.0	21.8	109	74 - 118	
2-Butanone	20.0	20.8	104	65 - 114	
1,1,1-Trichloroethane	20.0	21.7	108	74 - 128	
Carbon tetrachloride	20.0	22.9	115	73 - 120	
Bromodichloromethane	20.0	22.6	113	79 - 119	
1,2-Dichloropropane	20.0	20.5	103	80 - 120	
cis-1,3-Dichloropropene	20.0	20.7	104	80 - 120	
Trichloroethene	20.0	21.4	107	78 - 119	
Dibromochloromethane	20.0	25.1	125	80 - 120	*
1,1,2-Trichloroethane	20.0	22.4	112	79 - 119	
Benzene	20.0	22.9	114	83 - 124	
trans-1,3-Dichloropropene	20.0	19.3	97	78 - 118	
Bromoform	20.0	24.8	124	73 - 123	*
4-Methyl-2-pentanone (MIBK)	20.0	16.6	83	53 - 120	
2-Hexanone	20.0	16.3	81	53 - 121	
Tetrachloroethene	20.0	22.9	115	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	19.4	97	74 - 126	
Toluene	20.0	22.4	112	80 - 120	
Chlorobenzene	20.0	22.0	110	81 - 121	
Ethylbenzene	20.0	20.5	102	79 - 126	
Styrene	20.0	21.6	108	69 - 112	
m&p-Xylene	40.0	43.4	109	76 - 120	
o-Xylene	20.0	21.8	109	78 - 118	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.2	111	47 - 139	
Methyl tert-butyl ether	20.0	18.0	90	71 - 115	
Cyclohexane	20.0	17.6	88	58 - 133	
1,2-Dibromoethane	20.0	22.3	111	78 - 118	
1,3-Dichlorobenzene	20.0	21.6	108	81 - 126	
1,4-Dichlorobenzene	20.0	21.3	107	83 - 123	
1,2-Dichlorobenzene	20.0	21.1	105	82 - 122	
Dichlorodifluoromethane	20.0	24.2	121	46 - 145	
1,2,4-Trichlorobenzene	20.0	20.2	101	66 - 120	
1,4-Dioxane	150	155	103	52 - 126	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Control Sample - Batch: 460-154820

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-154820/3	Analysis Batch:	460-154820	Instrument ID:	VOAMS10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	r00934.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2013 2052	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/09/2013 2052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichlorobenzene	20.0	19.5	98	76 - 123	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	70 - 116	
Bromochloromethane	20.0	23.0	115	80 - 121	
Isopropylbenzene	20.0	22.0	110	80 - 125	
Methyl acetate	20.0	21.1	105	50 - 151	
Methylcyclohexane	20.0	18.2	91	61 - 129	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		
Toluene-d8 (Surr)	102		70 - 130		
4-Bromofluorobenzene	93		70 - 130		

DATA REPORTING QUALIFIERS

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-154086					
LCS 460-154086/3	Lab Control Sample	T	Water	8260B	
MB 460-154086/4	Method Blank	T	Water	8260B	
460-53245-3	BP3C-CP-00-032813	T	Water	8260B	
460-53245-4	DW1-CP-00-032813	T	Water	8260B	
460-53245-5	DW2-CP-00-032813	T	Water	8260B	
460-53245-6	EW01A-CP-00-032813	T	Water	8260B	
460-53245-7	EW01A-CP-01-032813	T	Water	8260B	
460-53245-8	EW01B-CP-00-032813	T	Water	8260B	
460-53245-9	EW01C-CP-00-032813	T	Water	8260B	
460-53245-10	EW02A-CP-00-032813	T	Water	8260B	
460-53245-11	EW02B-CP-00-032813	T	Water	8260B	
460-53245-12	EW02C-CP-00-032813	T	Water	8260B	
460-53245-13	EW02D-CP-00-032813	T	Water	8260B	
460-53245-14	EW03A-CP-00-032813	T	Water	8260B	
Analysis Batch:460-154239					
LCS 460-154239/3	Lab Control Sample	T	Water	8260B	
MB 460-154239/4	Method Blank	T	Water	8260B	
460-53245-1	BP3A-CP-00-032813	T	Water	8260B	
460-53245-1MS	Matrix Spike	T	Water	8260B	
460-53245-1MSD	Matrix Spike Duplicate	T	Water	8260B	
460-53245-2	BP3B-CP-00-032813	T	Water	8260B	
460-53245-15	EW03B-CP-00-032813	T	Water	8260B	
460-53245-16	EW03C-CP-00-032813	T	Water	8260B	
460-53245-17	EW04A-CP-00-032813	T	Water	8260B	
460-53245-18	EW04B-CP-00-032813	T	Water	8260B	
460-53245-19	EW04C-CP-00-032813	T	Water	8260B	
460-53245-20	EW04D-CP-00-032813	T	Water	8260B	
460-53245-21	EW05-CP-00-032813	T	Water	8260B	
460-53245-22	EW06A-CP-00-032813	T	Water	8260B	
460-53245-23	EW06C-CP-00-032813	T	Water	8260B	
460-53245-25	EW07D-CP-00-032813	T	Water	8260B	
460-53245-26	EW08D-CP-00-032813	T	Water	8260B	
460-53245-27	EW09D-CP-00-032813	T	Water	8260B	
460-53245-28	EW10C-CP-00-032813	T	Water	8260B	
460-53245-29	EW11D-CP-00-032813	T	Water	8260B	
460-53245-32	EW14D-CP-00-032813	T	Water	8260B	

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-154374					
LCS 460-154374/3	Lab Control Sample	T	Water	8260B	
MB 460-154374/4	Method Blank	T	Water	8260B	
460-53245-24	EW07C-CP-00-032813	T	Water	8260B	
460-53245-33	LF02-CP-00-032813	T	Water	8260B	
460-53245-34	MW06D-CP-00-032813	T	Water	8260B	
460-53245-35	MW08A-CP-00-032813	T	Water	8260B	
460-53245-36	MW08B-CP-00-032813	T	Water	8260B	
460-53245-37	MW08C-CP-00-032813	T	Water	8260B	
460-53245-38	MW10B-CP-00-032813	T	Water	8260B	
460-53245-39	MW10C-CP-00-032813	T	Water	8260B	
460-53245-40	MW10D-CP-00-032813	T	Water	8260B	
460-53245-41	SW1-CP-00-032813	T	Water	8260B	
460-53245-42	WT01-CP-00-032813	T	Water	8260B	
460-53245-43	WT01-CP-01-032813	T	Water	8260B	
Analysis Batch:460-154524					
LCS 460-154524/3	Lab Control Sample	T	Water	8260B	
MB 460-154524/4	Method Blank	T	Water	8260B	
460-53245-44	xRB01-CP-QC-032813	T	Water	8260B	
460-53245-45	xB01-CP-QC-032513	T	Water	8260B	
Analysis Batch:460-154820					
LCS 460-154820/3	Lab Control Sample	T	Water	8260B	
MB 460-154820/4	Method Blank	T	Water	8260B	
460-53245-30	EW12D-CP-00-032813	T	Water	8260B	
460-53245-31	EW13D-CP-00-032813	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-1

Client ID: BP3A-CP-00-032813

Sample Date/Time: 03/26/2013 13:43

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-1		460-154239		04/05/2013 08:21	1	TAL EDI	SD
A:8260B	460-53245-A-1		460-154239		04/05/2013 08:21	1	TAL EDI	SD

Lab ID: 460-53245-1 MS

Client ID: BP3A-CP-00-032813

Sample Date/Time: 03/26/2013 13:43

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-1 MS		460-154239		04/05/2013 16:51	10	TAL EDI	SD
A:8260B	460-53245-A-1 MS		460-154239		04/05/2013 16:51	10	TAL EDI	SD

Lab ID: 460-53245-1 MSD

Client ID: BP3A-CP-00-032813

Sample Date/Time: 03/26/2013 13:43

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-1 MSD		460-154239		04/05/2013 17:15	10	TAL EDI	SD
A:8260B	460-53245-A-1 MSD		460-154239		04/05/2013 17:15	10	TAL EDI	SD

Lab ID: 460-53245-2

Client ID: BP3B-CP-00-032813

Sample Date/Time: 03/26/2013 13:53

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-2		460-154239		04/05/2013 08:47	1	TAL EDI	SD
A:8260B	460-53245-A-2		460-154239		04/05/2013 08:47	1	TAL EDI	SD

Lab ID: 460-53245-3

Client ID: BP3C-CP-00-032813

Sample Date/Time: 03/26/2013 14:06

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-3		460-154086		04/04/2013 16:56	1	TAL EDI	SD
A:8260B	460-53245-A-3		460-154086		04/04/2013 16:56	1	TAL EDI	SD

Lab ID: 460-53245-4

Client ID: DW1-CP-00-032813

Sample Date/Time: 03/25/2013 08:32

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-4		460-154086		04/04/2013 17:22	1	TAL EDI	SD
A:8260B	460-53245-A-4		460-154086		04/04/2013 17:22	1	TAL EDI	SD

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-5

Client ID: DW2-CP-00-032813

Sample Date/Time: 03/25/2013 08:10

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-5		460-154086		04/04/2013 17:47	1	TAL EDI	SD
A:8260B	460-53245-A-5		460-154086		04/04/2013 17:47	1	TAL EDI	SD

Lab ID: 460-53245-6

Client ID: EW01A-CP-00-032813

Sample Date/Time: 03/26/2013 08:24

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-6		460-154086		04/04/2013 18:13	1	TAL EDI	SD
A:8260B	460-53245-A-6		460-154086		04/04/2013 18:13	1	TAL EDI	SD

Lab ID: 460-53245-7

Client ID: EW01A-CP-01-032813

Sample Date/Time: 03/26/2013 08:24

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-7		460-154086		04/04/2013 18:38	1	TAL EDI	SD
A:8260B	460-53245-A-7		460-154086		04/04/2013 18:38	1	TAL EDI	SD

Lab ID: 460-53245-8

Client ID: EW01B-CP-00-032813

Sample Date/Time: 03/26/2013 08:40

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-8		460-154086		04/04/2013 19:03	1	TAL EDI	SD
A:8260B	460-53245-A-8		460-154086		04/04/2013 19:03	1	TAL EDI	SD

Lab ID: 460-53245-9

Client ID: EW01C-CP-00-032813

Sample Date/Time: 03/26/2013 08:48

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-9		460-154086		04/04/2013 19:29	1	TAL EDI	SD
A:8260B	460-53245-A-9		460-154086		04/04/2013 19:29	1	TAL EDI	SD

Lab ID: 460-53245-10

Client ID: EW02A-CP-00-032813

Sample Date/Time: 03/25/2013 09:42

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-10		460-154086		04/04/2013 19:54	1	TAL EDI	SD
A:8260B	460-53245-A-10		460-154086		04/04/2013 19:54	1	TAL EDI	SD

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-11

Client ID: EW02B-CP-00-032813

Sample Date/Time: 03/25/2013 09:49

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-11		460-154086		04/04/2013 20:20	1	TAL EDI	SD
A:8260B	460-53245-A-11		460-154086		04/04/2013 20:20	1	TAL EDI	SD

Lab ID: 460-53245-12

Client ID: EW02C-CP-00-032813

Sample Date/Time: 03/25/2013 09:55

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-12		460-154086		04/04/2013 20:45	1	TAL EDI	SD
A:8260B	460-53245-A-12		460-154086		04/04/2013 20:45	1	TAL EDI	SD

Lab ID: 460-53245-13

Client ID: EW02D-CP-00-032813

Sample Date/Time: 03/25/2013 10:00

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-13		460-154086		04/04/2013 21:10	1	TAL EDI	SD
A:8260B	460-53245-A-13		460-154086		04/04/2013 21:10	1	TAL EDI	SD

Lab ID: 460-53245-14

Client ID: EW03A-CP-00-032813

Sample Date/Time: 03/25/2013 10:10

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-14		460-154086		04/04/2013 21:36	1	TAL EDI	SD
A:8260B	460-53245-A-14		460-154086		04/04/2013 21:36	1	TAL EDI	SD

Lab ID: 460-53245-15

Client ID: EW03B-CP-00-032813

Sample Date/Time: 03/25/2013 10:18

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-15		460-154239		04/05/2013 09:13	1	TAL EDI	SD
A:8260B	460-53245-A-15		460-154239		04/05/2013 09:13	1	TAL EDI	SD

Lab ID: 460-53245-16

Client ID: EW03C-CP-00-032813

Sample Date/Time: 03/25/2013 10:23

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-16		460-154239		04/05/2013 09:38	1	TAL EDI	SD
A:8260B	460-53245-C-16		460-154239		04/05/2013 09:38	1	TAL EDI	SD

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-17

Client ID: EW04A-CP-00-032813

Sample Date/Time: 03/26/2013 09:56

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-17		460-154239		04/05/2013 10:04	1	TAL EDI	SD
A:8260B	460-53245-C-17		460-154239		04/05/2013 10:04	1	TAL EDI	SD

Lab ID: 460-53245-18

Client ID: EW04B-CP-00-032813

Sample Date/Time: 03/26/2013 10:03

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-18		460-154239		04/05/2013 10:29	1	TAL EDI	SD
A:8260B	460-53245-C-18		460-154239		04/05/2013 10:29	1	TAL EDI	SD

Lab ID: 460-53245-19

Client ID: EW04C-CP-00-032813

Sample Date/Time: 03/26/2013 10:07

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-19		460-154239		04/05/2013 10:55	1	TAL EDI	SD
A:8260B	460-53245-C-19		460-154239		04/05/2013 10:55	1	TAL EDI	SD

Lab ID: 460-53245-20

Client ID: EW04D-CP-00-032813

Sample Date/Time: 03/26/2013 10:14

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-20		460-154239		04/05/2013 11:20	1	TAL EDI	SD
A:8260B	460-53245-C-20		460-154239		04/05/2013 11:20	1	TAL EDI	SD

Lab ID: 460-53245-21

Client ID: EW05-CP-00-032813

Sample Date/Time: 03/25/2013 08:18

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-21		460-154239		04/05/2013 11:46	1	TAL EDI	SD
A:8260B	460-53245-C-21		460-154239		04/05/2013 11:46	1	TAL EDI	SD

Lab ID: 460-53245-22

Client ID: EW06A-CP-00-032813

Sample Date/Time: 03/25/2013 08:52

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-22		460-154239		04/05/2013 12:11	1	TAL EDI	SD
A:8260B	460-53245-C-22		460-154239		04/05/2013 12:11	1	TAL EDI	SD

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-23

Client ID: EW06C-CP-00-032813

Sample Date/Time: 03/25/2013 08:51

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-23		460-154239		04/05/2013 12:37	1	TAL EDI	SD
A:8260B	460-53245-C-23		460-154239		04/05/2013 12:37	1	TAL EDI	SD

Lab ID: 460-53245-24

Client ID: EW07C-CP-00-032813

Sample Date/Time: 03/25/2013 13:09

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-B-24		460-154374		04/05/2013 20:45	2	TAL EDI	FJ
A:8260B	460-53245-B-24		460-154374		04/05/2013 20:45	2	TAL EDI	FJ

Lab ID: 460-53245-25

Client ID: EW07D-CP-00-032813

Sample Date/Time: 03/25/2013 13:23

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-25		460-154239		04/05/2013 13:28	1	TAL EDI	SD
A:8260B	460-53245-C-25		460-154239		04/05/2013 13:28	1	TAL EDI	SD

Lab ID: 460-53245-26

Client ID: EW08D-CP-00-032813

Sample Date/Time: 03/25/2013 09:12

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-26		460-154239		04/05/2013 13:53	1	TAL EDI	SD
A:8260B	460-53245-C-26		460-154239		04/05/2013 13:53	1	TAL EDI	SD

Lab ID: 460-53245-27

Client ID: EW09D-CP-00-032813

Sample Date/Time: 03/25/2013 09:04

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-27		460-154239		04/05/2013 14:18	1	TAL EDI	SD
A:8260B	460-53245-C-27		460-154239		04/05/2013 14:18	1	TAL EDI	SD

Lab ID: 460-53245-28

Client ID: EW10C-CP-00-032813

Sample Date/Time: 03/26/2013 10:25

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-28		460-154239		04/05/2013 14:44	1	TAL EDI	SD
A:8260B	460-53245-C-28		460-154239		04/05/2013 14:44	1	TAL EDI	SD

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-29

Client ID: EW11D-CP-00-032813

Sample Date/Time: 03/26/2013 09:38

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-29		460-154239		04/05/2013 15:09	1	TAL EDI	SD
A:8260B	460-53245-C-29		460-154239		04/05/2013 15:09	1	TAL EDI	SD

Lab ID: 460-53245-30

Client ID: EW12D-CP-00-032813

Sample Date/Time: 03/26/2013 09:46

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-B-30		460-154820		04/09/2013 22:29	1	TAL EDI	KB
A:8260B	460-53245-B-30		460-154820		04/09/2013 22:29	1	TAL EDI	KB

Lab ID: 460-53245-31

Client ID: EW13D-CP-00-032813

Sample Date/Time: 03/26/2013 10:32

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-B-31		460-154820		04/09/2013 22:54	1	TAL EDI	KB
A:8260B	460-53245-B-31		460-154820		04/09/2013 22:54	1	TAL EDI	KB

Lab ID: 460-53245-32

Client ID: EW14D-CP-00-032813

Sample Date/Time: 03/26/2013 09:19

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-32		460-154239		04/05/2013 16:25	1	TAL EDI	SD
A:8260B	460-53245-C-32		460-154239		04/05/2013 16:25	1	TAL EDI	SD

Lab ID: 460-53245-33

Client ID: LF02-CP-00-032813

Sample Date/Time: 03/26/2013 08:10

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-33		460-154374		04/05/2013 22:27	1	TAL EDI	FJ
A:8260B	460-53245-C-33		460-154374		04/05/2013 22:27	1	TAL EDI	FJ

Lab ID: 460-53245-34

Client ID: MW06D-CP-00-032813

Sample Date/Time: 03/25/2013 13:43

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-34		460-154374		04/05/2013 22:52	1	TAL EDI	FJ
A:8260B	460-53245-C-34		460-154374		04/05/2013 22:52	1	TAL EDI	FJ

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-35

Client ID: MW08A-CP-00-032813

Sample Date/Time: 03/25/2013 14:42

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-35		460-154374		04/05/2013 23:18	1	TAL EDI	FJ
A:8260B	460-53245-C-35		460-154374		04/05/2013 23:18	1	TAL EDI	FJ

Lab ID: 460-53245-36

Client ID: MW08B-CP-00-032813

Sample Date/Time: 03/25/2013 14:49

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-36		460-154374		04/05/2013 23:43	1	TAL EDI	FJ
A:8260B	460-53245-C-36		460-154374		04/05/2013 23:43	1	TAL EDI	FJ

Lab ID: 460-53245-37

Client ID: MW08C-CP-00-032813

Sample Date/Time: 03/25/2013 15:04

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-37		460-154374		04/06/2013 00:09	1	TAL EDI	FJ
A:8260B	460-53245-C-37		460-154374		04/06/2013 00:09	1	TAL EDI	FJ

Lab ID: 460-53245-38

Client ID: MW10B-CP-00-032813

Sample Date/Time: 03/25/2013 10:33

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-38		460-154374		04/06/2013 00:34	1	TAL EDI	FJ
A:8260B	460-53245-C-38		460-154374		04/06/2013 00:34	1	TAL EDI	FJ

Lab ID: 460-53245-39

Client ID: MW10C-CP-00-0328133

Sample Date/Time: 03/25/2013 10:42

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-39		460-154374		04/06/2013 01:00	1	TAL EDI	FJ
A:8260B	460-53245-C-39		460-154374		04/06/2013 01:00	1	TAL EDI	FJ

Lab ID: 460-53245-40

Client ID: MW10D-CP-00-032813

Sample Date/Time: 03/25/2013 10:48

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-40		460-154374		04/06/2013 01:25	1	TAL EDI	FJ
A:8260B	460-53245-C-40		460-154374		04/06/2013 01:25	1	TAL EDI	FJ

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: 460-53245-41

Client ID: SW1-CP-00-032813

Sample Date/Time: 03/25/2013 08:31

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-41		460-154374		04/06/2013 01:51	1	TAL EDI	FJ
A:8260B	460-53245-C-41		460-154374		04/06/2013 01:51	1	TAL EDI	FJ

Lab ID: 460-53245-42

Client ID: WT01-CP-00-032813

Sample Date/Time: 03/26/2013 10:42

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-42		460-154374		04/06/2013 02:16	1	TAL EDI	FJ
A:8260B	460-53245-C-42		460-154374		04/06/2013 02:16	1	TAL EDI	FJ

Lab ID: 460-53245-43

Client ID: WT01-CP-01-032813

Sample Date/Time: 03/26/2013 10:42

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-C-43		460-154374		04/06/2013 02:42	1	TAL EDI	FJ
A:8260B	460-53245-C-43		460-154374		04/06/2013 02:42	1	TAL EDI	FJ

Lab ID: 460-53245-44

Client ID: xRB01-CP-QC-032813

Sample Date/Time: 03/26/2013 11:00

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-44		460-154524		04/08/2013 10:20	1	TAL EDI	SD
A:8260B	460-53245-A-44		460-154524		04/08/2013 10:20	1	TAL EDI	SD

Lab ID: 460-53245-45

Client ID: xTB01-CP-QC-032513

Sample Date/Time: 03/25/2013 06:00

Received Date/Time: 03/28/2013 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-53245-A-45		460-154524		04/08/2013 10:46	1	TAL EDI	SD
A:8260B	460-53245-A-45		460-154524		04/08/2013 10:46	1	TAL EDI	SD

Quality Control Results

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-154086/4		460-154086		04/04/2013 11:52	1	TAL EDI	SD
A:8260B	MB 460-154086/4		460-154086		04/04/2013 11:52	1	TAL EDI	SD
P:5030B	MB 460-154239/4		460-154239		04/05/2013 07:56	1	TAL EDI	SD
A:8260B	MB 460-154239/4		460-154239		04/05/2013 07:56	1	TAL EDI	SD
P:5030B	MB 460-154374/4		460-154374		04/05/2013 20:20	1	TAL EDI	FJ
A:8260B	MB 460-154374/4		460-154374		04/05/2013 20:20	1	TAL EDI	FJ
P:5030B	MB 460-154524/4		460-154524		04/08/2013 09:47	1	TAL EDI	SD
A:8260B	MB 460-154524/4		460-154524		04/08/2013 09:47	1	TAL EDI	SD
P:5030B	MB 460-154820/4		460-154820		04/09/2013 22:03	1	TAL EDI	KB
A:8260B	MB 460-154820/4		460-154820		04/09/2013 22:03	1	TAL EDI	KB

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:5030B	LCS 460-154086/3		460-154086		04/04/2013 10:55	1	TAL EDI	SD
A:8260B	LCS 460-154086/3		460-154086		04/04/2013 10:55	1	TAL EDI	SD
P:5030B	LCS 460-154239/3		460-154239		04/05/2013 06:58	1	TAL EDI	SD
A:8260B	LCS 460-154239/3		460-154239		04/05/2013 06:58	1	TAL EDI	SD
P:5030B	LCS 460-154374/3		460-154374		04/05/2013 19:28	1	TAL EDI	FJ
A:8260B	LCS 460-154374/3		460-154374		04/05/2013 19:28	1	TAL EDI	FJ
P:5030B	LCS 460-154524/3		460-154524		04/08/2013 08:48	1	TAL EDI	SD
A:8260B	LCS 460-154524/3		460-154524		04/08/2013 08:48	1	TAL EDI	SD
P:5030B	LCS 460-154820/3		460-154820		04/09/2013 20:52	1	TAL EDI	KB
A:8260B	LCS 460-154820/3		460-154820		04/09/2013 20:52	1	TAL EDI	KB

Lab References:

TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
BP3A-CP-00-032813	460-53245-1	118	99	97
BP3B-CP-00-032813	460-53245-2	120	99	96
BP3C-CP-00-032813	460-53245-3	115	98	96
DW1-CP-00-032813	460-53245-4	115	98	97
DW2-CP-00-032813	460-53245-5	119	98	97
EW01A-CP-00-032813	460-53245-6	119	99	98
EW01A-CP-01-032813	460-53245-7	116	97	98
EW01B-CP-00-032813	460-53245-8	117	98	94
EW01C-CP-00-032813	460-53245-9	117	98	95
EW02A-CP-00-032813	460-53245-10	118	98	96
EW02B-CP-00-032813	460-53245-11	118	99	99
EW02C-CP-00-032813	460-53245-12	119	98	95
EW02D-CP-00-032813	460-53245-13	118	98	96
EW03A-CP-00-032813	460-53245-14	122	100	96
EW03B-CP-00-032813	460-53245-15	121	98	94
EW03C-CP-00-032813	460-53245-16	122	98	97
EW04A-CP-00-032813	460-53245-17	120	99	96
EW04B-CP-00-032813	460-53245-18	122	99	95
EW04C-CP-00-032813	460-53245-19	123	100	97
EW04D-CP-00-032813	460-53245-20	121	99	97
EW05-CP-00-032813	460-53245-21	120	100	94
EW06A-CP-00-032813	460-53245-22	120	100	95
EW06C-CP-00-032813	460-53245-23	125	98	95
EW07C-CP-00-032813	460-53245-24	125	99	95
EW07D-CP-00-032813	460-53245-25	127	98	87
EW08D-CP-00-032813	460-53245-26	129	99	95
EW09D-CP-00-032813	460-53245-27	129	97	98
EW10C-CP-00-032813	460-53245-28	130	98	96
EW11D-CP-00-032813	460-53245-29	128	100	95
EW12D-CP-00-032813	460-53245-30	112	97	92
EW13D-CP-00-032813	460-53245-31	116	95	93
EW14D-CP-00-032813	460-53245-32	128	101	92
LF02-CP-00-032813	460-53245-33	124	96	95
MW06D-CP-00-032813	460-53245-34	122	97	100
MW08A-CP-00-032813	460-53245-35	125	97	93

QC LIMITS

DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW08B-CP-00-032813	460-53245-36	126	99	106
MW08C-CP-00-032813	460-53245-37	128	101	95
MW10B-CP-00-032813	460-53245-38	128	97	93
MW10C-CP-00-032813 3	460-53245-39	129	98	103
MW10D-CP-00-032813	460-53245-40	127	99	93
SW1-CP-00-032813	460-53245-41	128	97	96
WT01-CP-00-032813	460-53245-42	128	100	94
WT01-CP-01-032813	460-53245-43	130	98	99
xRB01-CP-QC-032813	460-53245-44	126	98	98
xTB01-CP-QC-032513	460-53245-45	128	99	90
	MB 460-154086/4	117	100	96
	MB 460-154239/4	116	100	95
	MB 460-154374/4	125	98	99
	MB 460-154524/4	125	105	95
	MB 460-154820/4	114	96	94
	LCS 460-154086/3	107	101	99
	LCS 460-154239/3	115	101	96
	LCS 460-154374/3	120	103	96
	LCS 460-154524/3	119	106	97
	LCS 460-154820/3	106	102	93
BP3A-CP-00-032813 MS	460-53245-1 MS	126	104	91
BP3A-CP-00-032813 MSD	460-53245-1 MSD	123	105	97

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00715.d
 Lab ID: LCS 460-154086/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.4	82	58-146	
Bromomethane	20.0	18.2	91	55-153	
Vinyl chloride	20.0	21.6	108	61-144	
Chloroethane	20.0	17.2	86	69-145	
Methylene Chloride	20.0	16.6	83	79-119	
Acetone	20.0	19.7	99	45-156	
Carbon disulfide	20.0	15.0	75	58-139	
Trichlorofluoromethane	20.0	20.3	102	69-147	
1,1-Dichloroethene	20.0	16.8	84	56-139	
1,1-Dichloroethane	20.0	17.2	86	78-122	
trans-1,2-Dichloroethene	20.0	16.5	82	75-122	
cis-1,2-Dichloroethene	20.0	16.0	80	80-120	
Chloroform	20.0	18.7	93	82-123	
1,2-Dichloroethane	20.0	20.2	101	74-118	
2-Butanone	20.0	19.0	95	65-114	
1,1,1-Trichloroethane	20.0	18.9	94	74-128	
Carbon tetrachloride	20.0	19.1	96	73-120	
Bromodichloromethane	20.0	19.5	97	79-119	
1,2-Dichloropropane	20.0	18.8	94	80-120	
cis-1,3-Dichloropropene	20.0	18.0	90	80-120	
Trichloroethene	20.0	21.3	106	78-119	
Dibromochloromethane	20.0	18.0	90	80-120	
1,1,2-Trichloroethane	20.0	18.6	93	79-119	
Benzene	20.0	18.4	92	83-124	
trans-1,3-Dichloropropene	20.0	17.6	88	78-118	
Bromoform	20.0	15.8	79	73-123	
4-Methyl-2-pentanone (MIBK)	20.0	17.9	89	53-120	
2-Hexanone	20.0	17.9	89	53-121	
Tetrachloroethene	20.0	21.3	107	68-139	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	74-126	
Toluene	20.0	20.4	102	80-120	
Chlorobenzene	20.0	19.7	98	81-121	
Ethylbenzene	20.0	19.2	96	79-126	
Styrene	20.0	19.9	100	69-112	
m&p-Xylene	40.0	39.5	99	76-120	
o-Xylene	20.0	19.4	97	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	18.1	90	47-139	
Methyl tert-butyl ether	20.0	17.3	87	71-115	
Cyclohexane	20.0	15.6	78	58-133	
1,2-Dibromoethane	20.0	19.3	97	78-118	
1,3-Dichlorobenzene	20.0	19.8	99	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: r00715.d
Lab ID: LCS 460-154086/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	19.2	96	83-123	
1,2-Dichlorobenzene	20.0	19.3	97	82-122	
Dichlorodifluoromethane	20.0	17.3	87	46-145	
1,2,4-Trichlorobenzene	20.0	19.0	95	66-120	
1,4-Dioxane	150	162	108	52-126	
1,2,3-Trichlorobenzene	20.0	18.1	91	76-123	
1,2-Dibromo-3-Chloropropane	20.0	15.8	79	70-116	
Bromochloromethane	20.0	17.6	88	80-121	
Isopropylbenzene	20.0	20.6	103	80-125	
Methyl acetate	20.0	17.0	85	50-151	
Methylcyclohexane	20.0	17.9	90	61-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00746.d
 Lab ID: LCS 460-154239/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.8	84	58-146	
Bromomethane	20.0	22.4	112	55-153	
Vinyl chloride	20.0	20.4	102	61-144	
Chloroethane	20.0	18.9	95	69-145	
Methylene Chloride	20.0	20.0	100	79-119	
Acetone	20.0	23.5	117	45-156	
Carbon disulfide	20.0	20.1	101	58-139	
Trichlorofluoromethane	20.0	22.4	112	69-147	
1,1-Dichloroethene	20.0	21.7	109	56-139	
1,1-Dichloroethane	20.0	19.9	100	78-122	
trans-1,2-Dichloroethene	20.0	20.2	101	75-122	
cis-1,2-Dichloroethene	20.0	18.5	92	80-120	
Chloroform	20.0	21.5	107	82-123	
1,2-Dichloroethane	20.0	22.0	110	74-118	
2-Butanone	20.0	21.9	109	65-114	
1,1,1-Trichloroethane	20.0	21.7	109	74-128	
Carbon tetrachloride	20.0	21.7	109	73-120	
Bromodichloromethane	20.0	19.3	97	79-119	
1,2-Dichloropropane	20.0	18.5	92	80-120	
cis-1,3-Dichloropropene	20.0	19.0	95	80-120	
Trichloroethene	20.0	20.1	100	78-119	
Dibromochloromethane	20.0	18.7	94	80-120	
1,1,2-Trichloroethane	20.0	18.9	95	79-119	
Benzene	20.0	20.9	104	83-124	
trans-1,3-Dichloropropene	20.0	18.7	93	78-118	
Bromoform	20.0	17.3	87	73-123	
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	53-120	
2-Hexanone	20.0	20.5	102	53-121	
Tetrachloroethene	20.0	20.7	103	68-139	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	74-126	
Toluene	20.0	20.4	102	80-120	
Chlorobenzene	20.0	19.7	99	81-121	
Ethylbenzene	20.0	19.2	96	79-126	
Styrene	20.0	19.8	99	69-112	
m&p-Xylene	40.0	39.9	100	76-120	
o-Xylene	20.0	19.7	99	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	22.5	113	47-139	
Methyl tert-butyl ether	20.0	20.6	103	71-115	
Cyclohexane	20.0	19.4	97	58-133	
1,2-Dibromoethane	20.0	20.3	102	78-118	
1,3-Dichlorobenzene	20.0	19.6	98	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00746.d
 Lab ID: LCS 460-154239/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	19.7	98	83-123	
1,2-Dichlorobenzene	20.0	19.3	97	82-122	
Dichlorodifluoromethane	20.0	20.7	104	46-145	
1,2,4-Trichlorobenzene	20.0	19.6	98	66-120	
1,4-Dioxane	150	178	118	52-126	
1,2,3-Trichlorobenzene	20.0	19.1	95	76-123	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	70-116	
Bromochloromethane	20.0	20.7	103	80-121	
Isopropylbenzene	20.0	20.7	104	80-125	
Methyl acetate	20.0	19.4	97	50-151	
Methylcyclohexane	20.0	19.0	95	61-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00773.d
 Lab ID: LCS 460-154374/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.7	98	58-146	
Bromomethane	20.0	25.3	126	55-153	
Vinyl chloride	20.0	23.2	116	61-144	
Chloroethane	20.0	21.3	106	69-145	
Methylene Chloride	20.0	20.8	104	79-119	
Acetone	20.0	20.0	100	45-156	
Carbon disulfide	20.0	20.7	104	58-139	
Trichlorofluoromethane	20.0	26.8	134	69-147	
1,1-Dichloroethene	20.0	22.8	114	56-139	
1,1-Dichloroethane	20.0	21.6	108	78-122	
trans-1,2-Dichloroethene	20.0	21.6	108	75-122	
cis-1,2-Dichloroethene	20.0	20.3	101	80-120	
Chloroform	20.0	22.9	114	82-123	
1,2-Dichloroethane	20.0	24.0	120	74-118	*
2-Butanone	20.0	20.9	104	65-114	
1,1,1-Trichloroethane	20.0	24.4	122	74-128	
Carbon tetrachloride	20.0	24.9	125	73-120	*
Bromodichloromethane	20.0	22.8	114	79-119	
1,2-Dichloropropane	20.0	19.9	100	80-120	
cis-1,3-Dichloropropene	20.0	21.0	105	80-120	
Trichloroethene	20.0	22.0	110	78-119	
Dibromochloromethane	20.0	23.1	116	80-120	
1,1,2-Trichloroethane	20.0	20.6	103	79-119	
Benzene	20.0	22.4	112	83-124	
trans-1,3-Dichloropropene	20.0	20.6	103	78-118	
Bromoform	20.0	22.4	112	73-123	
4-Methyl-2-pentanone (MIBK)	20.0	18.8	94	53-120	
2-Hexanone	20.0	18.9	95	53-121	
Tetrachloroethene	20.0	22.5	113	68-139	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	74-126	
Toluene	20.0	21.8	109	80-120	
Chlorobenzene	20.0	21.3	106	81-121	
Ethylbenzene	20.0	20.6	103	79-126	
Styrene	20.0	21.7	108	69-112	
m&p-Xylene	40.0	43.2	108	76-120	
o-Xylene	20.0	20.7	103	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	21.7	109	47-139	
Methyl tert-butyl ether	20.0	20.0	100	71-115	
Cyclohexane	20.0	18.1	90	58-133	
1,2-Dibromoethane	20.0	21.4	107	78-118	
1,3-Dichlorobenzene	20.0	20.5	103	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00773.d
 Lab ID: LCS 460-154374/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	20.4	102	83-123	
1,2-Dichlorobenzene	20.0	20.5	102	82-122	
Dichlorodifluoromethane	20.0	24.3	121	46-145	
1,2,4-Trichlorobenzene	20.0	19.7	98	66-120	
1,4-Dioxane	150	152	101	52-126	
1,2,3-Trichlorobenzene	20.0	18.5	93	76-123	
1,2-Dibromo-3-Chloropropane	20.0	19.5	97	70-116	
Bromochloromethane	20.0	21.6	108	80-121	
Isopropylbenzene	20.0	22.3	112	80-125	
Methyl acetate	20.0	22.9	114	50-151	
Methylcyclohexane	20.0	18.5	93	61-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00854.d
 Lab ID: LCS 460-154524/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.0	85	58-146	
Bromomethane	20.0	19.1	95	55-153	
Vinyl chloride	20.0	22.0	110	61-144	
Chloroethane	20.0	19.3	96	69-145	
Methylene Chloride	20.0	20.6	103	79-119	
Acetone	20.0	27.1	136	45-156	
Carbon disulfide	20.0	21.6	108	58-139	
Trichlorofluoromethane	20.0	23.7	118	69-147	
1,1-Dichloroethene	20.0	21.3	107	56-139	
1,1-Dichloroethane	20.0	20.2	101	78-122	
trans-1,2-Dichloroethene	20.0	19.9	100	75-122	
cis-1,2-Dichloroethene	20.0	19.0	95	80-120	
Chloroform	20.0	22.2	111	82-123	
1,2-Dichloroethane	20.0	22.7	113	74-118	
2-Butanone	20.0	24.5	123	65-114	*
1,1,1-Trichloroethane	20.0	22.9	114	74-128	
Carbon tetrachloride	20.0	23.7	118	73-120	
Bromodichloromethane	20.0	22.5	112	79-119	
1,2-Dichloropropane	20.0	18.8	94	80-120	
cis-1,3-Dichloropropene	20.0	19.8	99	80-120	
Trichloroethene	20.0	20.6	103	78-119	
Dibromochloromethane	20.0	23.3	117	80-120	
1,1,2-Trichloroethane	20.0	20.3	101	79-119	
Benzene	20.0	21.1	105	83-124	
trans-1,3-Dichloropropene	20.0	20.0	100	78-118	
Bromoform	20.0	21.6	108	73-123	
4-Methyl-2-pentanone (MIBK)	20.0	19.4	97	53-120	
2-Hexanone	20.0	20.2	101	53-121	
Tetrachloroethene	20.0	21.5	107	68-139	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	74-126	
Toluene	20.0	20.7	103	80-120	
Chlorobenzene	20.0	20.0	100	81-121	
Ethylbenzene	20.0	19.6	98	79-126	
Styrene	20.0	19.3	97	69-112	
m&p-Xylene	40.0	39.4	98	76-120	
o-Xylene	20.0	18.6	93	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	22.6	113	47-139	
Methyl tert-butyl ether	20.0	20.9	105	71-115	
Cyclohexane	20.0	18.3	91	58-133	
1,2-Dibromoethane	20.0	20.5	102	78-118	
1,3-Dichlorobenzene	20.0	19.5	97	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00854.d
 Lab ID: LCS 460-154524/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	19.6	98	83-123	
1,2-Dichlorobenzene	20.0	18.3	91	82-122	
Dichlorodifluoromethane	20.0	20.9	104	46-145	
1,2,4-Trichlorobenzene	20.0	18.7	93	66-120	
1,4-Dioxane	150	163	108	52-126	
1,2,3-Trichlorobenzene	20.0	17.6	88	76-123	
1,2-Dibromo-3-Chloropropane	20.0	18.3	91	70-116	
Bromochloromethane	20.0	21.1	105	80-121	
Isopropylbenzene	20.0	19.7	99	80-125	
Methyl acetate	20.0	20.2	101	50-151	
Methylcyclohexane	20.0	17.9	90	61-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00934.d
 Lab ID: LCS 460-154820/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.1	91	58-146	
Bromomethane	20.0	19.3	97	55-153	
Vinyl chloride	20.0	21.4	107	61-144	
Chloroethane	20.0	21.8	109	69-145	
Methylene Chloride	20.0	21.7	108	79-119	
Acetone	20.0	20.8	104	45-156	
Carbon disulfide	20.0	20.7	103	58-139	
Trichlorofluoromethane	20.0	24.6	123	69-147	
1,1-Dichloroethene	20.0	21.8	109	56-139	
1,1-Dichloroethane	20.0	21.8	109	78-122	
trans-1,2-Dichloroethene	20.0	21.6	108	75-122	
cis-1,2-Dichloroethene	20.0	20.5	102	80-120	
Chloroform	20.0	22.3	112	82-123	
1,2-Dichloroethane	20.0	21.8	109	74-118	
2-Butanone	20.0	20.8	104	65-114	
1,1,1-Trichloroethane	20.0	21.7	108	74-128	
Carbon tetrachloride	20.0	22.9	115	73-120	
Bromodichloromethane	20.0	22.6	113	79-119	
1,2-Dichloropropane	20.0	20.5	103	80-120	
cis-1,3-Dichloropropene	20.0	20.7	104	80-120	
Trichloroethene	20.0	21.4	107	78-119	
Dibromochloromethane	20.0	25.1	125	80-120	*
1,1,2-Trichloroethane	20.0	22.4	112	79-119	
Benzene	20.0	22.9	114	83-124	
trans-1,3-Dichloropropene	20.0	19.3	97	78-118	
Bromoform	20.0	24.8	124	73-123	*
4-Methyl-2-pentanone (MIBK)	20.0	16.6	83	53-120	
2-Hexanone	20.0	16.3	81	53-121	
Tetrachloroethene	20.0	22.9	115	68-139	
1,1,2,2-Tetrachloroethane	20.0	19.4	97	74-126	
Toluene	20.0	22.4	112	80-120	
Chlorobenzene	20.0	22.0	110	81-121	
Ethylbenzene	20.0	20.5	102	79-126	
Styrene	20.0	21.6	108	69-112	
m&p-Xylene	40.0	43.4	109	76-120	
o-Xylene	20.0	21.8	109	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	22.2	111	47-139	
Methyl tert-butyl ether	20.0	18.0	90	71-115	
Cyclohexane	20.0	17.6	88	58-133	
1,2-Dibromoethane	20.0	22.3	111	78-118	
1,3-Dichlorobenzene	20.0	21.6	108	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00934.d
 Lab ID: LCS 460-154820/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	20.0	21.3	107	83-123	
1,2-Dichlorobenzene	20.0	21.1	105	82-122	
Dichlorodifluoromethane	20.0	24.2	121	46-145	
1,2,4-Trichlorobenzene	20.0	20.2	101	66-120	
1,4-Dioxane	150	155	103	52-126	
1,2,3-Trichlorobenzene	20.0	19.5	98	76-123	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	70-116	
Bromochloromethane	20.0	23.0	115	80-121	
Isopropylbenzene	20.0	22.0	110	80-125	
Methyl acetate	20.0	21.1	105	50-151	
Methylcyclohexane	20.0	18.2	91	61-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: r00769.d
Lab ID: 460-53245-1 MS Client ID: BP3A-CP-00-032813 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	1.0 U	168	84	58-146	
Bromomethane	200	1.0 U	205	102	55-153	
Vinyl chloride	200	1.0 U	208	104	61-144	
Chloroethane	200	1.0 U	199	99	69-145	
Methylene Chloride	200	1.0 U	206	103	79-119	
Acetone	200	13	214	101	45-156	
Carbon disulfide	200	1.0 U	230	115	58-139	
Trichlorofluoromethane	200	1.0 U	233	116	69-147	
1,1-Dichloroethene	200	1.0 U	184	92	56-139	
1,1-Dichloroethane	200	1.0 U	213	107	78-122	
trans-1,2-Dichloroethene	200	1.0 U	202	101	75-122	
cis-1,2-Dichloroethene	200	1.0 U	189	95	80-120	
Chloroform	200	0.87 J	238	119	82-123	
1,2-Dichloroethane	200	1.0 U	243	121	74-118	*
2-Butanone	200	5.0 U	195	98	65-114	
1,1,1-Trichloroethane	200	1.0 U	242	121	74-128	
Carbon tetrachloride	200	1.0 U	255	128	73-120	*
Bromodichloromethane	200	1.0 U	240	120	79-119	*
1,2-Dichloropropane	200	1.0 U	197	98	80-120	
cis-1,3-Dichloropropene	200	1.0 U	192	96	80-120	
Trichloroethene	200	1.0 U	221	111	78-119	
Dibromochloromethane	200	1.0 U	244	122	80-120	*
1,1,2-Trichloroethane	200	1.0 U	206	103	79-119	
Benzene	200	1.0 U	221	110	83-124	
trans-1,3-Dichloropropene	200	1.0 U	187	93	78-118	
Bromoform	200	1.0 U	231	115	73-123	
4-Methyl-2-pentanone (MIBK)	200	5.0 U	188	94	53-120	
2-Hexanone	200	5.0 U	179	90	53-121	
Tetrachloroethene	200	1.0 U	220	110	68-139	
1,1,2,2-Tetrachloroethane	200	1.0 U	173	86	74-126	
Toluene	200	1.0 U	213	106	80-120	
Chlorobenzene	200	1.0 U	208	104	81-121	
Ethylbenzene	200	1.0 U	196	98	79-126	
Styrene	200	1.0 U	214	107	69-112	
m&p-Xylene	400	2.0 U	412	103	76-120	
o-Xylene	200	1.0 U	200	100	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	1.0 U	201	100	47-139	
Methyl tert-butyl ether	200	1.0 U	200	100	71-115	
Cyclohexane	200	0.63 J	189	94	58-133	
1,2-Dibromoethane	200	1.0 U	209	104	78-118	
1,3-Dichlorobenzene	200	1.0 U	193	96	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00769.d
 Lab ID: 460-53245-1 MS Client ID: BP3A-CP-00-032813 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	200	1.0 U	193	97	83-123	
1,2-Dichlorobenzene	200	1.0 U	191	95	82-122	
Dichlorodifluoromethane	200	1.0 U	217	108	46-145	
1,2,4-Trichlorobenzene	200	1.0 U	161	80	66-120	
1,4-Dioxane	1500	50 U	1410	94	52-126	
1,2,3-Trichlorobenzene	200	1.0 U	148	74	76-123	*
1,2-Dibromo-3-Chloropropane	200	1.0 U	172	86	70-116	
Bromochloromethane	200	1.0 U	211	106	80-121	
Isopropylbenzene	200	1.0 U	214	107	80-125	
Methyl acetate	200	2.0 U	201	100	50-151	
Methylcyclohexane	200	1.0 U	184	92	61-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00770.d
 Lab ID: 460-53245-1 MSD Client ID: BP3A-CP-00-032813 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	200	168	84	0	30	58-146	
Bromomethane	200	233	117	13	30	55-153	
Vinyl chloride	200	211	106	2	30	61-144	
Chloroethane	200	207	104	4	30	69-145	
Methylene Chloride	200	202	101	2	30	79-119	
Acetone	200	251	119	16	30	45-156	
Carbon disulfide	200	220	110	5	30	58-139	
Trichlorofluoromethane	200	244	122	5	30	69-147	
1,1-Dichloroethene	200	216	108	16	30	56-139	
1,1-Dichloroethane	200	205	103	4	30	78-122	
trans-1,2-Dichloroethene	200	199	99	2	30	75-122	
cis-1,2-Dichloroethene	200	184	92	3	30	80-120	
Chloroform	200	224	112	6	30	82-123	
1,2-Dichloroethane	200	235	117	3	30	74-118	
2-Butanone	200	186	93	5	30	65-114	
1,1,1-Trichloroethane	200	230	115	5	30	74-128	
Carbon tetrachloride	200	244	122	5	30	73-120	*
Bromodichloromethane	200	223	111	8	30	79-119	
1,2-Dichloropropane	200	191	95	3	30	80-120	
cis-1,3-Dichloropropene	200	188	94	2	30	80-120	
Trichloroethene	200	209	105	6	30	78-119	
Dibromochloromethane	200	231	115	5	30	80-120	
1,1,2-Trichloroethane	200	203	102	1	30	79-119	
Benzene	200	213	107	4	30	83-124	
trans-1,3-Dichloropropene	200	183	92	2	30	78-118	
Bromoform	200	219	110	5	30	73-123	
4-Methyl-2-pentanone (MIBK)	200	182	91	3	30	53-120	
2-Hexanone	200	183	92	2	30	53-121	
Tetrachloroethene	200	211	105	4	30	68-139	
1,1,2,2-Tetrachloroethane	200	183	91	6	30	74-126	
Toluene	200	205	103	4	30	80-120	
Chlorobenzene	200	200	100	4	30	81-121	
Ethylbenzene	200	195	97	1	30	79-126	
Styrene	200	204	102	5	30	69-112	
m&p-Xylene	400	393	98	5	30	76-120	
o-Xylene	200	192	96	4	30	78-118	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	224	112	11	30	47-139	
Methyl tert-butyl ether	200	196	98	2	30	71-115	
Cyclohexane	200	180	90	5	30	58-133	
1,2-Dibromoethane	200	199	100	5	30	78-118	
1,3-Dichlorobenzene	200	193	96	0	30	81-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: r00770.d
 Lab ID: 460-53245-1 MSD Client ID: BP3A-CP-00-032813 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dichlorobenzene	200	194	97	1	30	83-123	
1,2-Dichlorobenzene	200	192	96	1	30	82-122	
Dichlorodifluoromethane	200	203	102	6	30	46-145	
1,2,4-Trichlorobenzene	200	187	93	15	30	66-120	
1,4-Dioxane	1500	1250	83	12	30	52-126	
1,2,3-Trichlorobenzene	200	174	87	16	30	76-123	
1,2-Dibromo-3-Chloropropane	200	173	87	0	30	70-116	
Bromochloromethane	200	208	104	1	30	80-121	
Isopropylbenzene	200	206	103	4	30	80-125	
Methyl acetate	200	188	94	7	30	50-151	
Methylcyclohexane	200	175	88	5	30	61-129	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00717.d Lab Sample ID: MB 460-154086/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS10 Date Analyzed: 04/04/2013 11:52
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-154086/3	r00715.d	04/04/2013 10:55
BP3C-CP-00-032813	460-53245-3	r00729.d	04/04/2013 16:56
DW1-CP-00-032813	460-53245-4	r00730.d	04/04/2013 17:22
DW2-CP-00-032813	460-53245-5	r00731.d	04/04/2013 17:47
EW01A-CP-00-032813	460-53245-6	r00732.d	04/04/2013 18:13
EW01A-CP-01-032813	460-53245-7	r00733.d	04/04/2013 18:38
EW01B-CP-00-032813	460-53245-8	r00734.d	04/04/2013 19:03
EW01C-CP-00-032813	460-53245-9	r00735.d	04/04/2013 19:29
EW02A-CP-00-032813	460-53245-10	r00736.d	04/04/2013 19:54
EW02B-CP-00-032813	460-53245-11	r00737.d	04/04/2013 20:20
EW02C-CP-00-032813	460-53245-12	r00738.d	04/04/2013 20:45
EW02D-CP-00-032813	460-53245-13	r00739.d	04/04/2013 21:10
EW03A-CP-00-032813	460-53245-14	r00740.d	04/04/2013 21:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Lab File ID: r00748.d Lab Sample ID: MB 460-154239/4
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: VOAMS10 Date Analyzed: 04/05/2013 07:56
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-154239/3	r00746.d	04/05/2013 06:58
BP3A-CP-00-032813	460-53245-1	r00749.d	04/05/2013 08:21
BP3B-CP-00-032813	460-53245-2	r00750.d	04/05/2013 08:47
EW03B-CP-00-032813	460-53245-15	r00751.d	04/05/2013 09:13
EW03C-CP-00-032813	460-53245-16	r00752.d	04/05/2013 09:38
EW04A-CP-00-032813	460-53245-17	r00753.d	04/05/2013 10:04
EW04B-CP-00-032813	460-53245-18	r00754.d	04/05/2013 10:29
EW04C-CP-00-032813	460-53245-19	r00755.d	04/05/2013 10:55
EW04D-CP-00-032813	460-53245-20	r00756.d	04/05/2013 11:20
EW05-CP-00-032813	460-53245-21	r00757.d	04/05/2013 11:46
EW06A-CP-00-032813	460-53245-22	r00758.d	04/05/2013 12:11
EW06C-CP-00-032813	460-53245-23	r00759.d	04/05/2013 12:37
EW07D-CP-00-032813	460-53245-25	r00761.d	04/05/2013 13:28
EW08D-CP-00-032813	460-53245-26	r00762.d	04/05/2013 13:53
EW09D-CP-00-032813	460-53245-27	r00763.d	04/05/2013 14:18
EW10C-CP-00-032813	460-53245-28	r00764.d	04/05/2013 14:44
EW11D-CP-00-032813	460-53245-29	r00765.d	04/05/2013 15:09
EW14D-CP-00-032813	460-53245-32	r00768.d	04/05/2013 16:25
BP3A-CP-00-032813 MS	460-53245-1 MS	r00769.d	04/05/2013 16:51
BP3A-CP-00-032813 MSD	460-53245-1 MSD	r00770.d	04/05/2013 17:15

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Lab File ID: r00775.d Lab Sample ID: MB 460-154374/4
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: VOAMS10 Date Analyzed: 04/05/2013 20:20
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-154374/3	r00773.d	04/05/2013 19:28
EW07C-CP-00-032813	460-53245-24	r00776.d	04/05/2013 20:45
LF02-CP-00-032813	460-53245-33	r00780.d	04/05/2013 22:27
MW06D-CP-00-032813	460-53245-34	r00781.d	04/05/2013 22:52
MW08A-CP-00-032813	460-53245-35	r00782.d	04/05/2013 23:18
MW08B-CP-00-032813	460-53245-36	r00783.d	04/05/2013 23:43
MW08C-CP-00-032813	460-53245-37	r00784.d	04/06/2013 00:09
MW10B-CP-00-032813	460-53245-38	r00785.d	04/06/2013 00:34
MW10C-CP-00-0328133	460-53245-39	r00786.d	04/06/2013 01:00
MW10D-CP-00-032813	460-53245-40	r00787.d	04/06/2013 01:25
SW1-CP-00-032813	460-53245-41	r00788.d	04/06/2013 01:51
WT01-CP-00-032813	460-53245-42	r00789.d	04/06/2013 02:16
WT01-CP-01-032813	460-53245-43	r00790.d	04/06/2013 02:42

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00856.d Lab Sample ID: MB 460-154524/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS10 Date Analyzed: 04/08/2013 09:47
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-154524/3	r00854.d	04/08/2013 08:48
xRB01-CP-QC-032813	460-53245-44	r00857.d	04/08/2013 10:20
xB01-CP-QC-032513	460-53245-45	r00858.d	04/08/2013 10:46

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00936.d Lab Sample ID: MB 460-154820/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS10 Date Analyzed: 04/09/2013 22:03
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-154820/3	r00934.d	04/09/2013 20:52
EW12D-CP-00-032813	460-53245-30	r00937.d	04/09/2013 22:29
EW13D-CP-00-032813	460-53245-31	r00938.d	04/09/2013 22:54

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00001.d BFB Injection Date: 03/21/2013
Instrument ID: VOAMS10 BFB Injection Time: 13:32
Analysis Batch No.: 152343

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.3
75	30.0 - 60.0 % of mass 95	47.7
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	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	77.3
175	5.0 - 9.0 % of mass 174	5.6 (7.2) 1
176	95.0 - 101.0 % of mass 174	76.9 (99.6) 1
177	5.0 - 9.0 % of mass 176	5.4 (7.0) 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
	ICIS 460-152343/2	r00002.d	03/21/2013	13:53
	IC 460-152343/3	r00003.d	03/21/2013	14:19
	IC 460-152343/4	r00004.d	03/21/2013	14:44
	IC 460-152343/5	r00005.d	03/21/2013	15:10
	IC 460-152343/6	r00006.d	03/21/2013	15:35
	IC 460-152343/7	r00007.d	03/21/2013	16:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00713.d BFB Injection Date: 04/04/2013
Instrument ID: VOAMS10 BFB Injection Time: 10:06
Analysis Batch No.: 154086

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.5
75	30.0 - 60.0 % of mass 95	51.8
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 - 120.00 % of mass 95	80.8
175	5.0 - 9.0 % of mass 174	6.5 (8.0) 1
176	95.0 - 101.0 % of mass 174	80.5 (99.6) 1
177	5.0 - 9.0 % of mass 176	5.7 (7.0) 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 460-154086/2	r00714.d	04/04/2013	10:25
	LCS 460-154086/3	r00715.d	04/04/2013	10:55
	MB 460-154086/4	r00717.d	04/04/2013	11:52
BP3C-CP-00-032813	460-53245-3	r00729.d	04/04/2013	16:56
DW1-CP-00-032813	460-53245-4	r00730.d	04/04/2013	17:22
DW2-CP-00-032813	460-53245-5	r00731.d	04/04/2013	17:47
EW01A-CP-00-032813	460-53245-6	r00732.d	04/04/2013	18:13
EW01A-CP-01-032813	460-53245-7	r00733.d	04/04/2013	18:38
EW01B-CP-00-032813	460-53245-8	r00734.d	04/04/2013	19:03
EW01C-CP-00-032813	460-53245-9	r00735.d	04/04/2013	19:29
EW02A-CP-00-032813	460-53245-10	r00736.d	04/04/2013	19:54
EW02B-CP-00-032813	460-53245-11	r00737.d	04/04/2013	20:20
EW02C-CP-00-032813	460-53245-12	r00738.d	04/04/2013	20:45
EW02D-CP-00-032813	460-53245-13	r00739.d	04/04/2013	21:10
EW03A-CP-00-032813	460-53245-14	r00740.d	04/04/2013	21:36

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00744.d BFB Injection Date: 04/05/2013
Instrument ID: VOAMS10 BFB Injection Time: 06:10
Analysis Batch No.: 154239

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.5
75	30.0 - 60.0 % of mass 95	53.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	85.4
175	5.0 - 9.0 % of mass 174	7.0 (8.2) 1
176	95.0 - 101.0 % of mass 174	85.5 (100.1) 1
177	5.0 - 9.0 % of mass 176	5.6 (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 460-154239/2	r00745.d	04/05/2013	06:31
	LCS 460-154239/3	r00746.d	04/05/2013	06:58
	MB 460-154239/4	r00748.d	04/05/2013	07:56
BP3A-CP-00-032813	460-53245-1	r00749.d	04/05/2013	08:21
BP3B-CP-00-032813	460-53245-2	r00750.d	04/05/2013	08:47
EW03B-CP-00-032813	460-53245-15	r00751.d	04/05/2013	09:13
EW03C-CP-00-032813	460-53245-16	r00752.d	04/05/2013	09:38
EW04A-CP-00-032813	460-53245-17	r00753.d	04/05/2013	10:04
EW04B-CP-00-032813	460-53245-18	r00754.d	04/05/2013	10:29
EW04C-CP-00-032813	460-53245-19	r00755.d	04/05/2013	10:55
EW04D-CP-00-032813	460-53245-20	r00756.d	04/05/2013	11:20
EW05-CP-00-032813	460-53245-21	r00757.d	04/05/2013	11:46
EW06A-CP-00-032813	460-53245-22	r00758.d	04/05/2013	12:11
EW06C-CP-00-032813	460-53245-23	r00759.d	04/05/2013	12:37
EW07D-CP-00-032813	460-53245-25	r00761.d	04/05/2013	13:28
EW08D-CP-00-032813	460-53245-26	r00762.d	04/05/2013	13:53
EW09D-CP-00-032813	460-53245-27	r00763.d	04/05/2013	14:18
EW10C-CP-00-032813	460-53245-28	r00764.d	04/05/2013	14:44
EW11D-CP-00-032813	460-53245-29	r00765.d	04/05/2013	15:09
EW14D-CP-00-032813	460-53245-32	r00768.d	04/05/2013	16:25
BP3A-CP-00-032813 MS	460-53245-1 MS	r00769.d	04/05/2013	16:51
BP3A-CP-00-032813 MSD	460-53245-1 MSD	r00770.d	04/05/2013	17:15

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00771.d BFB Injection Date: 04/05/2013
Instrument ID: VOAMS10 BFB Injection Time: 18:46
Analysis Batch No.: 154374

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.4
75	30.0 - 60.0 % of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	72.5
175	5.0 - 9.0 % of mass 174	5.8 (8.0) 1
176	95.0 - 101.0 % of mass 174	70.0 (96.6) 1
177	5.0 - 9.0 % of mass 176	5.1 (7.2) 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 460-154374/2	r00772.d	04/05/2013	19:02
	LCS 460-154374/3	r00773.d	04/05/2013	19:28
	MB 460-154374/4	r00775.d	04/05/2013	20:20
EW07C-CP-00-032813	460-53245-24	r00776.d	04/05/2013	20:45
LF02-CP-00-032813	460-53245-33	r00780.d	04/05/2013	22:27
MW06D-CP-00-032813	460-53245-34	r00781.d	04/05/2013	22:52
MW08A-CP-00-032813	460-53245-35	r00782.d	04/05/2013	23:18
MW08B-CP-00-032813	460-53245-36	r00783.d	04/05/2013	23:43
MW08C-CP-00-032813	460-53245-37	r00784.d	04/06/2013	00:09
MW10B-CP-00-032813	460-53245-38	r00785.d	04/06/2013	00:34
MW10C-CP-00-0328133	460-53245-39	r00786.d	04/06/2013	01:00
MW10D-CP-00-032813	460-53245-40	r00787.d	04/06/2013	01:25
SW1-CP-00-032813	460-53245-41	r00788.d	04/06/2013	01:51
WT01-CP-00-032813	460-53245-42	r00789.d	04/06/2013	02:16
WT01-CP-01-032813	460-53245-43	r00790.d	04/06/2013	02:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Lab File ID: r00851.d BFB Injection Date: 04/08/2013
 Instrument ID: VOAMS10 BFB Injection Time: 07:12
 Analysis Batch No.: 154524

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.2
75	30.0 - 60.0 % of mass 95	53.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.2
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	87.6
175	5.0 - 9.0 % of mass 174	6.6 (7.5) 1
176	95.0 - 101.0 % of mass 174	83.3 (95.0) 1
177	5.0 - 9.0 % of mass 176	5.6 (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
	CCVIS 460-154524/2	r00852.d	04/08/2013	07:36
	LCS 460-154524/3	r00854.d	04/08/2013	08:48
	MB 460-154524/4	r00856.d	04/08/2013	09:47
xRB01-CP-QC-032813	460-53245-44	r00857.d	04/08/2013	10:20
xB01-CP-QC-032513	460-53245-45	r00858.d	04/08/2013	10:46

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-53245-1
SDG No.: _____
Lab File ID: r00932.d BFB Injection Date: 04/09/2013
Instrument ID: VOAMS10 BFB Injection Time: 20:00
Analysis Batch No.: 154820

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.9
75	30.0 - 60.0 % of mass 95	55.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	91.1
175	5.0 - 9.0 % of mass 174	7.0 (7.7) 1
176	95.0 - 101.0 % of mass 174	87.2 (95.7) 1
177	5.0 - 9.0 % of mass 176	5.7 (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
	CCVIS 460-154820/2	r00933.d	04/09/2013	20:26
	LCS 460-154820/3	r00934.d	04/09/2013	20:52
	MB 460-154820/4	r00936.d	04/09/2013	22:03
EW12D-CP-00-032813	460-53245-30	r00937.d	04/09/2013	22:29
EW13D-CP-00-032813	460-53245-31	r00938.d	04/09/2013	22:54

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Sample No.: CCVIS 460-154086/2 Date Analyzed: 04/04/2013 10:25
 Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): r00714.d Heated Purge: (Y/N) N
 Calibration ID: 20816

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	665921	5.12	460083	8.55	287985	10.79	
UPPER LIMIT	1331842	5.62	920166	9.05	575970	11.29	
LOWER LIMIT	332961	4.62	230042	8.05	143993	10.29	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-154086/3		685968	5.12	478759	8.55	285974	10.79
MB 460-154086/4		643671	5.12	442139	8.55	259538	10.79
460-53245-3	BP3C-CP-00-032813	670870	5.12	460148	8.55	265620	10.79
460-53245-4	DW1-CP-00-032813	652071	5.12	448151	8.55	263015	10.79
460-53245-5	DW2-CP-00-032813	642793	5.12	443125	8.55	256994	10.79
460-53245-6	EW01A-CP-00-032813	636077	5.12	436165	8.55	252836	10.79
460-53245-7	EW01A-CP-01-032813	640722	5.12	436712	8.55	254679	10.79
460-53245-8	EW01B-CP-00-032813	621472	5.12	431185	8.55	251980	10.79
460-53245-9	EW01C-CP-00-032813	615568	5.12	424167	8.55	246296	10.79
460-53245-10	EW02A-CP-00-032813	610119	5.12	411898	8.55	243096	10.79
460-53245-11	EW02B-CP-00-032813	606573	5.12	407715	8.55	237159	10.79
460-53245-12	EW02C-CP-00-032813	597551	5.12	409112	8.55	238524	10.79
460-53245-13	EW02D-CP-00-032813	590489	5.12	405237	8.55	234739	10.79
460-53245-14	EW03A-CP-00-032813	527154	5.12	362464	8.55	206647	10.79

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Sample No.: CCVIS 460-154239/2 Date Analyzed: 04/05/2013 06:31
 Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): r00745.d Heated Purge: (Y/N) N
 Calibration ID: 20816

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		661861	5.12	453033	8.55	285670	10.79
UPPER LIMIT		1323722	5.62	906066	9.05	571340	11.29
LOWER LIMIT		330931	4.62	226517	8.05	142835	10.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-154239/3		674452	5.12	464900	8.55	287472	10.79
MB 460-154239/4		639638	5.12	426961	8.55	250864	10.79
460-53245-1	BP3A-CP-00-032813	613757	5.12	416631	8.55	242095	10.79
460-53245-2	BP3B-CP-00-032813	606522	5.12	412334	8.55	240355	10.79
460-53245-15	EW03B-CP-00-032813	596930	5.12	406575	8.55	236283	10.79
460-53245-16	EW03C-CP-00-032813	587079	5.12	402822	8.55	234051	10.79
460-53245-17	EW04A-CP-00-032813	587395	5.12	400112	8.55	235417	10.79
460-53245-18	EW04B-CP-00-032813	578525	5.12	394136	8.55	231617	10.79
460-53245-19	EW04C-CP-00-032813	575839	5.12	393577	8.55	226618	10.79
460-53245-20	EW04D-CP-00-032813	577308	5.12	397996	8.55	228258	10.79
460-53245-21	EW05-CP-00-032813	578551	5.12	386360	8.55	229563	10.79
460-53245-22	EW06A-CP-00-032813	570366	5.12	387931	8.55	224713	10.79
460-53245-23	EW06C-CP-00-032813	555682	5.12	379959	8.55	218634	10.79
460-53245-25	EW07D-CP-00-032813	508970	5.12	348019	8.55	201860	10.79
460-53245-26	EW08D-CP-00-032813	504478	5.12	342790	8.55	201972	10.79
460-53245-27	EW09D-CP-00-032813	487351	5.12	336769	8.55	189733	10.79
460-53245-28	EW10C-CP-00-032813	498639	5.12	341832	8.55	198999	10.79
460-53245-29	EW11D-CP-00-032813	494415	5.12	330824	8.55	192394	10.79
460-53245-32	EW14D-CP-00-032813	486043	5.12	325419	8.55	183983	10.79
460-53245-1 MS	BP3A-CP-00-032813 MS	546263	5.12	369059	8.55	253939	10.79
460-53245-1 MSD	BP3A-CP-00-032813 MSD	578722	5.12	390035	8.55	247281	10.79

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Sample No.: CCVIS 460-154374/2 Date Analyzed: 04/05/2013 19:02
 Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): r00772.d Heated Purge: (Y/N) N
 Calibration ID: 20816

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	610443	5.12	396215	8.55	259060	10.79
UPPER LIMIT	1220886	5.62	792430	9.05	518120	11.29
LOWER LIMIT	305222	4.62	198108	8.05	129530	10.29
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-154374/3		633792	5.12	436936	8.55	279685 10.79
MB 460-154374/4		563205	5.12	388016	8.55	226621 10.79
460-53245-24	EW07C-CP-00-032813	542568	5.12	369316	8.55	215488 10.79
460-53245-33	LF02-CP-00-032813	562805	5.12	388734	8.55	229568 10.79
460-53245-34	MW06D-CP-00-032813	546717	5.12	365476	8.55	201419 10.79
460-53245-35	MW08A-CP-00-032813	523792	5.12	363359	8.55	212621 10.79
460-53245-36	MW08B-CP-00-032813	522857	5.12	360623	8.55	183762 10.79
460-53245-37	MW08C-CP-00-032813	517122	5.12	345168	8.55	197898 10.79
460-53245-38	MW10B-CP-00-032813	507963	5.12	350808	8.55	197181 10.79
460-53245-39	MW10C-CP-00-0328133	504550	5.12	343452	8.55	182392 10.79
460-53245-40	MW10D-CP-00-032813	507394	5.12	340490	8.55	196705 10.79
460-53245-41	SW1-CP-00-032813	500937	5.12	344389	8.55	191905 10.79
460-53245-42	WT01-CP-00-032813	502747	5.12	331675	8.55	181781 10.79
460-53245-43	WT01-CP-01-032813	482628	5.12	329529	8.55	185645 10.79

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Sample No.: CCVIS 460-154524/2 Date Analyzed: 04/08/2013 07:36
 Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): r00852.d Heated Purge: (Y/N) N
 Calibration ID: 20816

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	559379	5.12	343719	8.55	234945	10.79
UPPER LIMIT	1118758	5.62	687438	9.05	469890	11.29
LOWER LIMIT	279690	4.62	171860	8.05	117473	10.29
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-154524/3		613021	5.12	413004	8.55	252572 10.79
MB 460-154524/4		534752	5.12	339140	8.55	204054 10.79
460-53245-44	xRB01-CP-QC-032813	516820	5.12	348073	8.55	189662 10.79
460-53245-45	xB01-CP-QC-032513	503380	5.12	333408	8.55	194818 10.79

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Sample No.: CCVIS 460-154820/2 Date Analyzed: 04/09/2013 20:26
 Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): r00933.d Heated Purge: (Y/N) N
 Calibration ID: 20816

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	824749	5.12	550183	8.55	369998	10.79	
UPPER LIMIT	1649498	5.62	1100366	9.05	739996	11.29	
LOWER LIMIT	412375	4.62	275092	8.05	184999	10.29	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-154820/3		848213	5.12	577824	8.55	379410	10.79
MB 460-154820/4		744505	5.12	514008	8.55	298863	10.79
460-53245-30	EW12D-CP-00-032813	725335	5.12	489950	8.55	286741	10.79
460-53245-31	EW13D-CP-00-032813	704665	5.12	483947	8.55	285846	10.79

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: BP3A-CP-00-032813 Lab Sample ID: 460-53245-1

Matrix: Water Lab File ID: r00749.d

Analysis Method: 8260B Date Collected: 03/26/2013 13:43

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 08:21

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	13		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.87	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: BP3A-CP-00-032813 Lab Sample ID: 460-53245-1
 Matrix: Water Lab File ID: r00749.d
 Analysis Method: 8260B Date Collected: 03/26/2013 13:43
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 08:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.63	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00749.d
 Report Date: 09-Apr-2013 20:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00749.d
 Lab Smp Id: 460-53245-A-1 Client Smp ID: BP3A-CP-00-032813
 Inj Date : 05-APR-2013 08:21
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-1
 Misc Info : 460-53245-A-1
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 26
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
								(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone	58		2.650	2.656	(0.517)		5161	13.1727	13
41 Tetrahydrofuran	42		4.307	4.301	(0.841)		2460	2.00994	2.0
42 Chloroform	83		4.354	4.348	(0.850)		5668	0.86883	0.87(a)
44 Cyclohexane	56		4.484	4.472	(0.875)		3761	0.63374	0.63(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.848	(0.947)		167689	59.1470	59
* 52 Fluorobenzene	96		5.124	5.124	(1.000)		613757	50.0000	
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775	(0.792)		400157	49.4310	49
* 78 Chlorobenzene-d5	117		8.549	8.550	(1.000)		416631	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895	(0.917)		174849	48.6494	49
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794	(1.000)		242095	50.0000	

QC Flag Legend

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

Data File: r00749.d

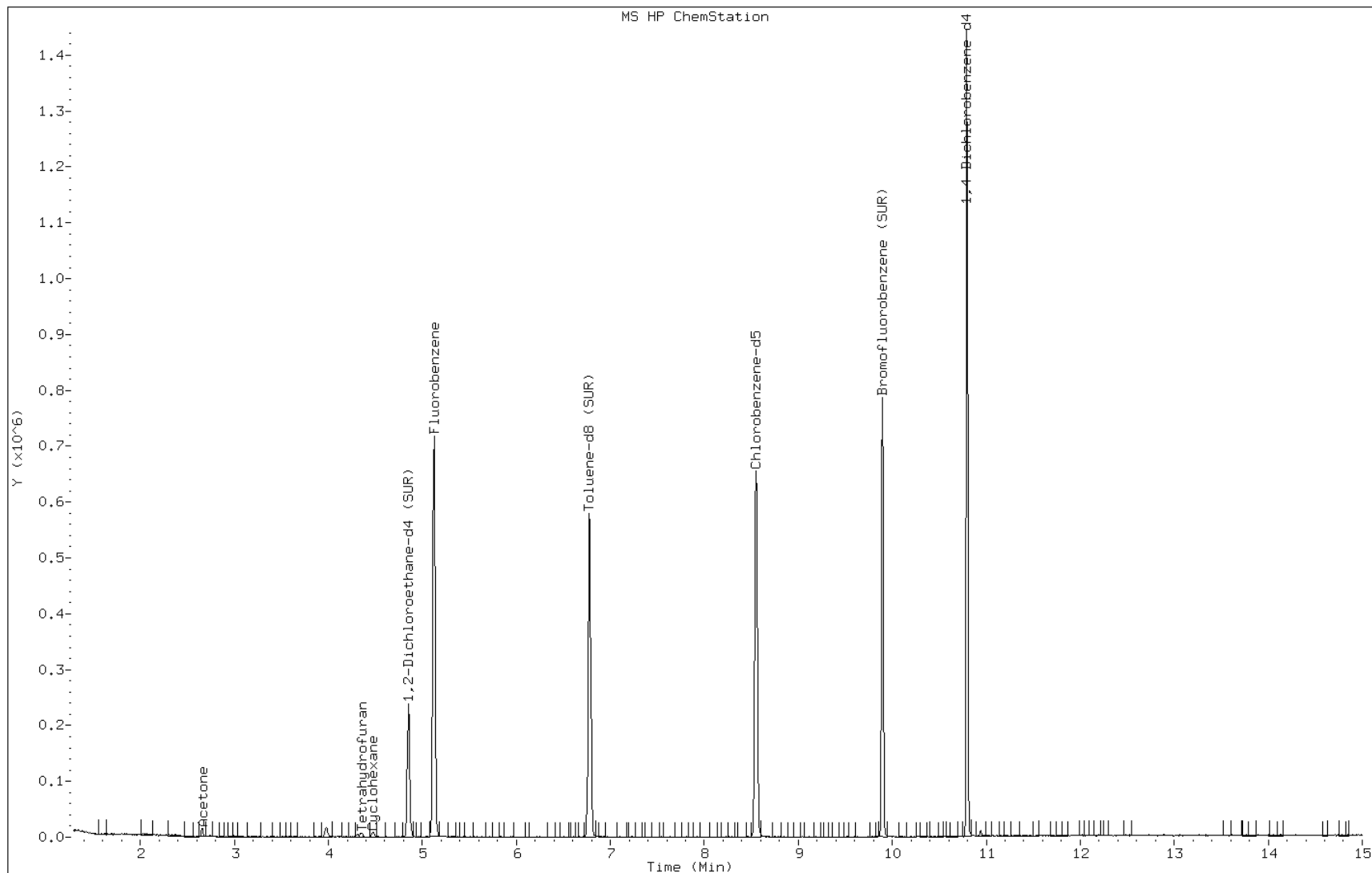
Date: 05-APR-2013 08:21

Client ID: BP3A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-1

Operator:



Data File: r00749.d

Date: 05-APR-2013 08:21

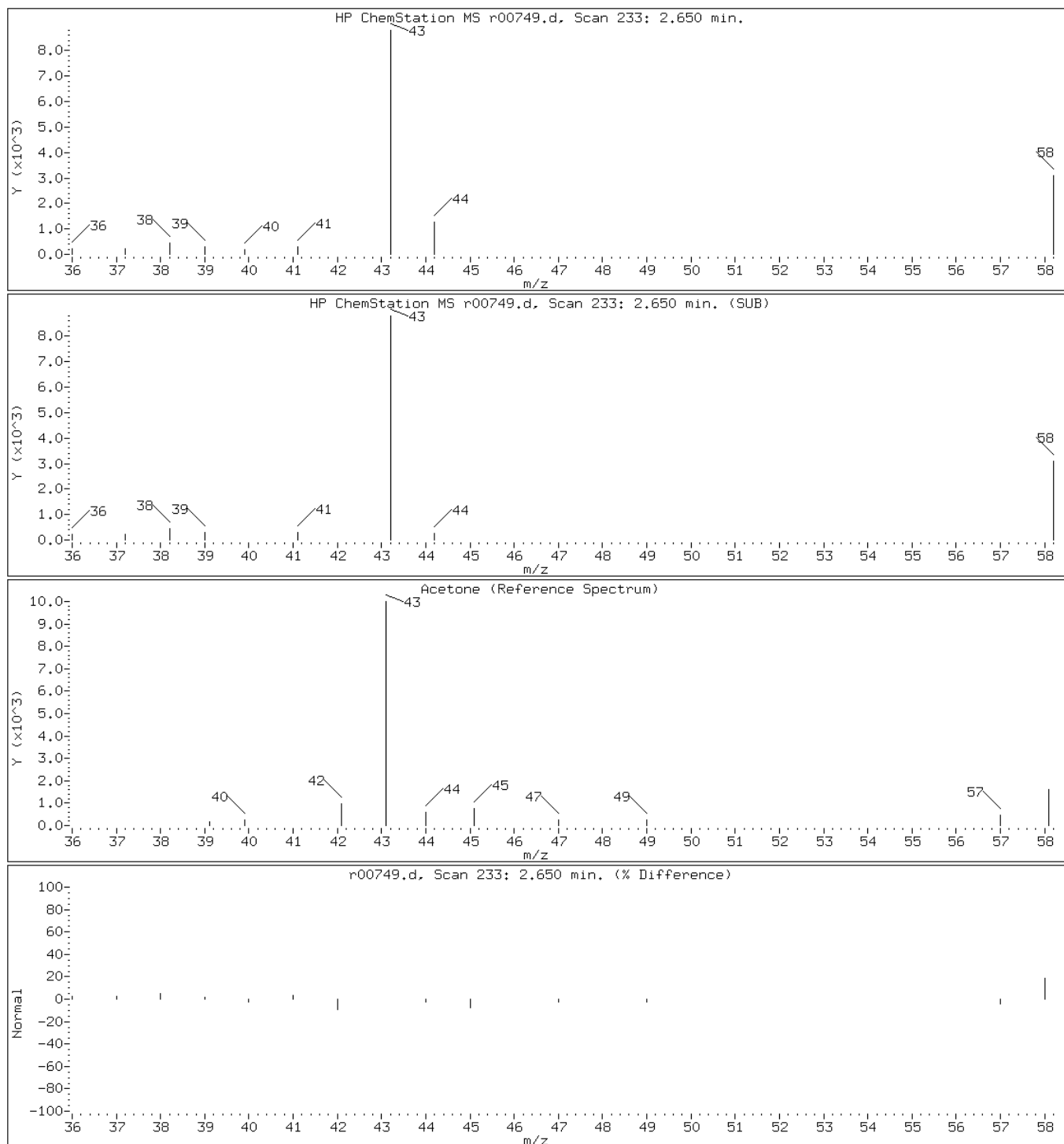
Client ID: BP3A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-1

Operator:

16 Acetone



Data File: r00749.d

Date: 05-APR-2013 08:21

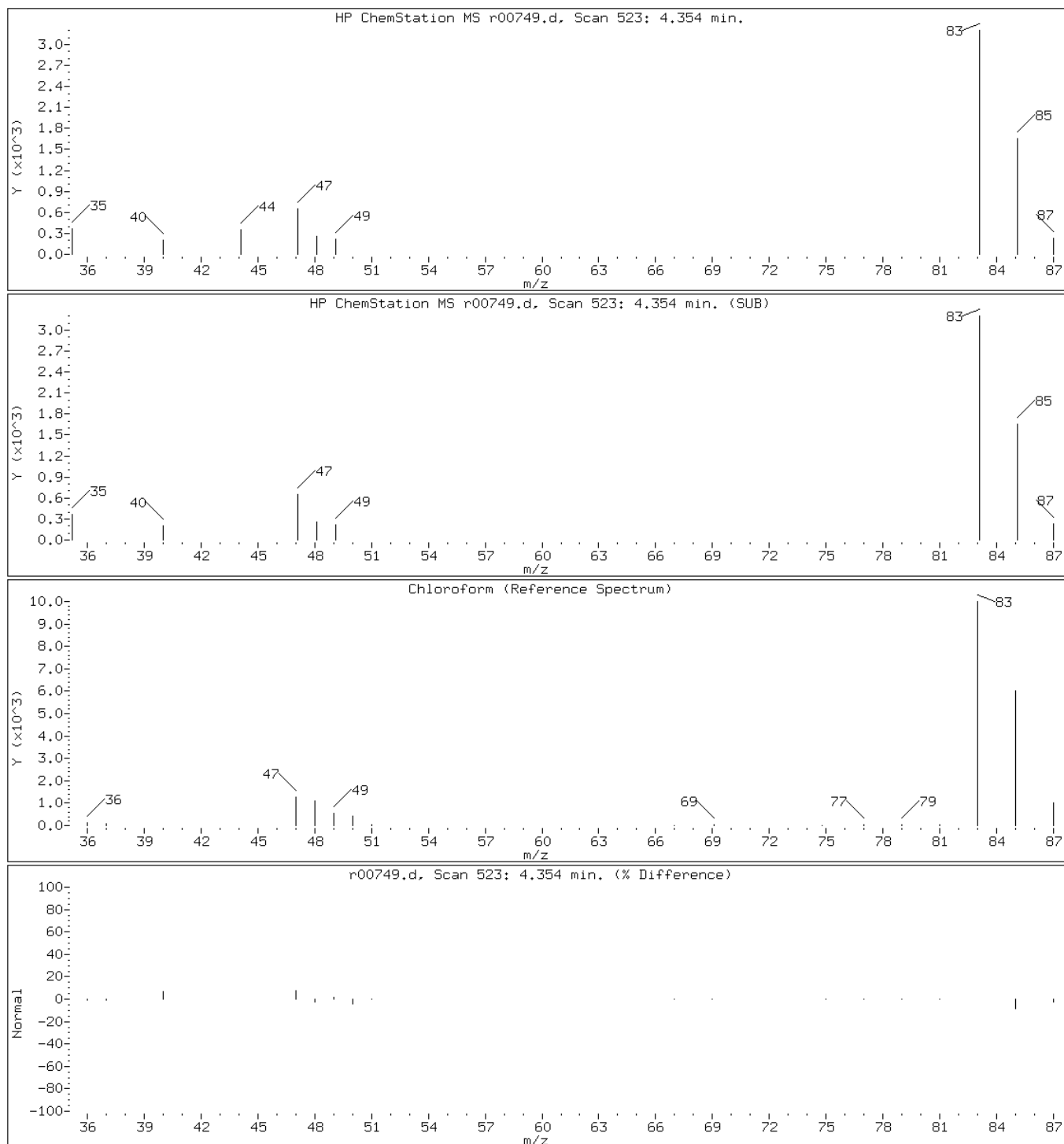
Client ID: BP3A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-1

Operator:

42 Chloroform



Data File: r00749.d

Date: 05-APR-2013 08:21

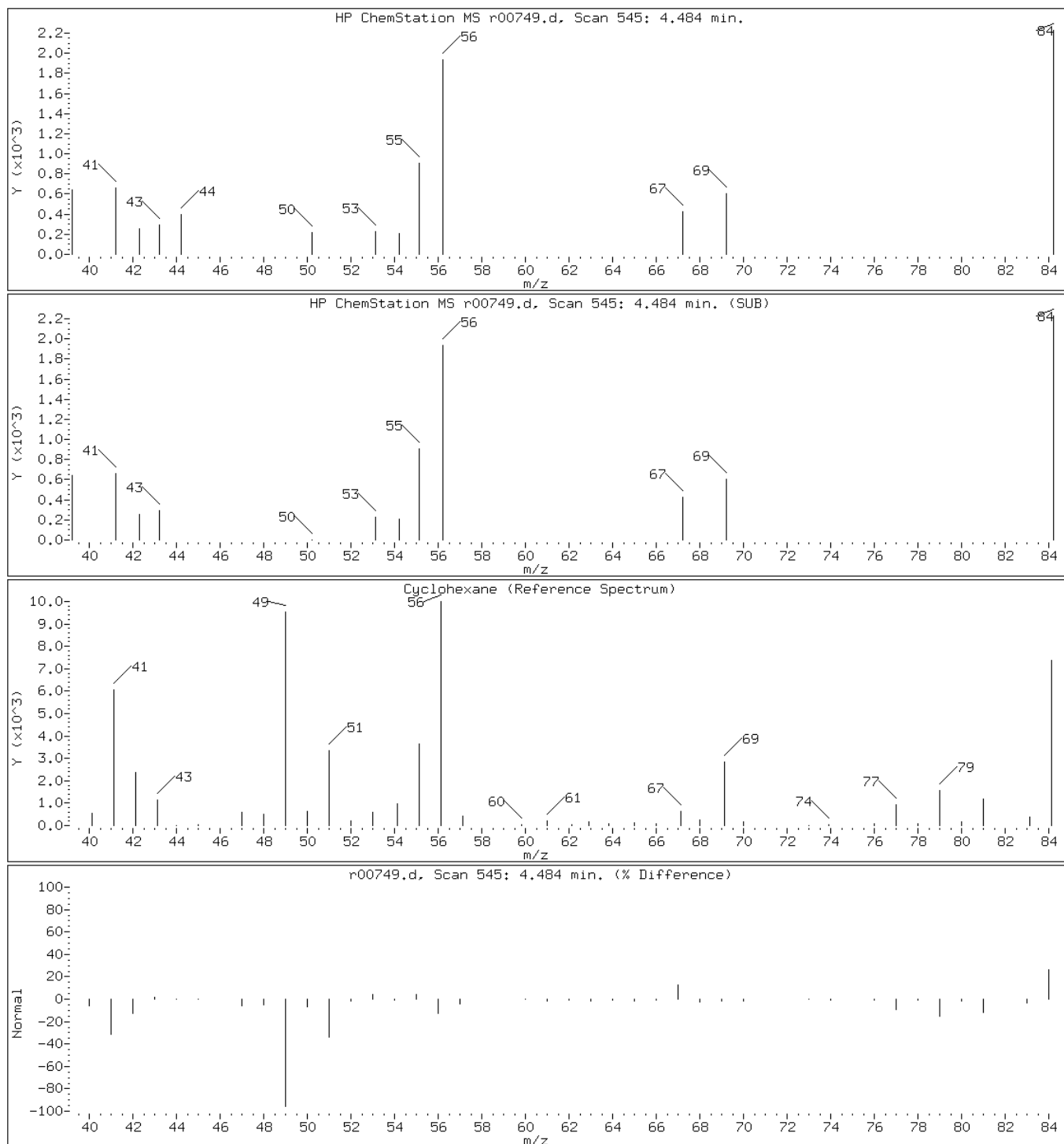
Client ID: BP3A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-1

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: BP3B-CP-00-032813 Lab Sample ID: 460-53245-2
 Matrix: Water Lab File ID: r00750.d
 Analysis Method: 8260B Date Collected: 03/26/2013 13:53
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 08:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	13		5.0	2.7
75-15-0	Carbon disulfide	0.17	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.97	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	11		1.0	0.18
67-66-3	Chloroform	0.34	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	2.4		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	23		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: BP3B-CP-00-032813 Lab Sample ID: 460-53245-2
 Matrix: Water Lab File ID: r00750.d
 Analysis Method: 8260B Date Collected: 03/26/2013 13:53
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 08:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.70	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00750.d
 Report Date: 09-Apr-2013 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00750.d
 Lab Smp Id: 460-53245-A-2 Client Smp ID: BP3B-CP-00-032813
 Inj Date : 05-APR-2013 08:47
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-2
 Misc Info : 460-53245-A-2
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 27
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
182 Dichlorofluoromethane	67	2.133	2.127	(0.416)	1977		0.31993	0.32(a)
16 Acetone	58	2.650	2.656	(0.517)	5025		12.9786	13
18 Carbon Disulfide	76	2.739	2.739	(0.534)	1902		0.16761	0.17(a)
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	6072		0.97342	0.97(a)
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	45152		10.8034	11
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	2435		2.01324	2.0
42 Chloroform	83	4.348	4.348	(0.849)	2206		0.34218	0.34(a)
44 Cyclohexane	56	4.478	4.472	(0.874)	4134		0.70490	0.70(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	167550		59.8030	60
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	606522		50.0000	
54 Trichloroethene	95	5.477	5.471	(1.069)	9245		2.40526	2.4
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	395302		49.3402	49
71 Tetrachloroethene	166	7.457	7.457	(0.872)	85552		22.7042	23
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	412334		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	171212		47.9823	48
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	240355		50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00750.d
Report Date: 09-Apr-2013 20:31

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	
M 120 1,2-Dichloroethene (Total)	100					45152	10.8034 11	

QC Flag Legend

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

Data File: r00750.d

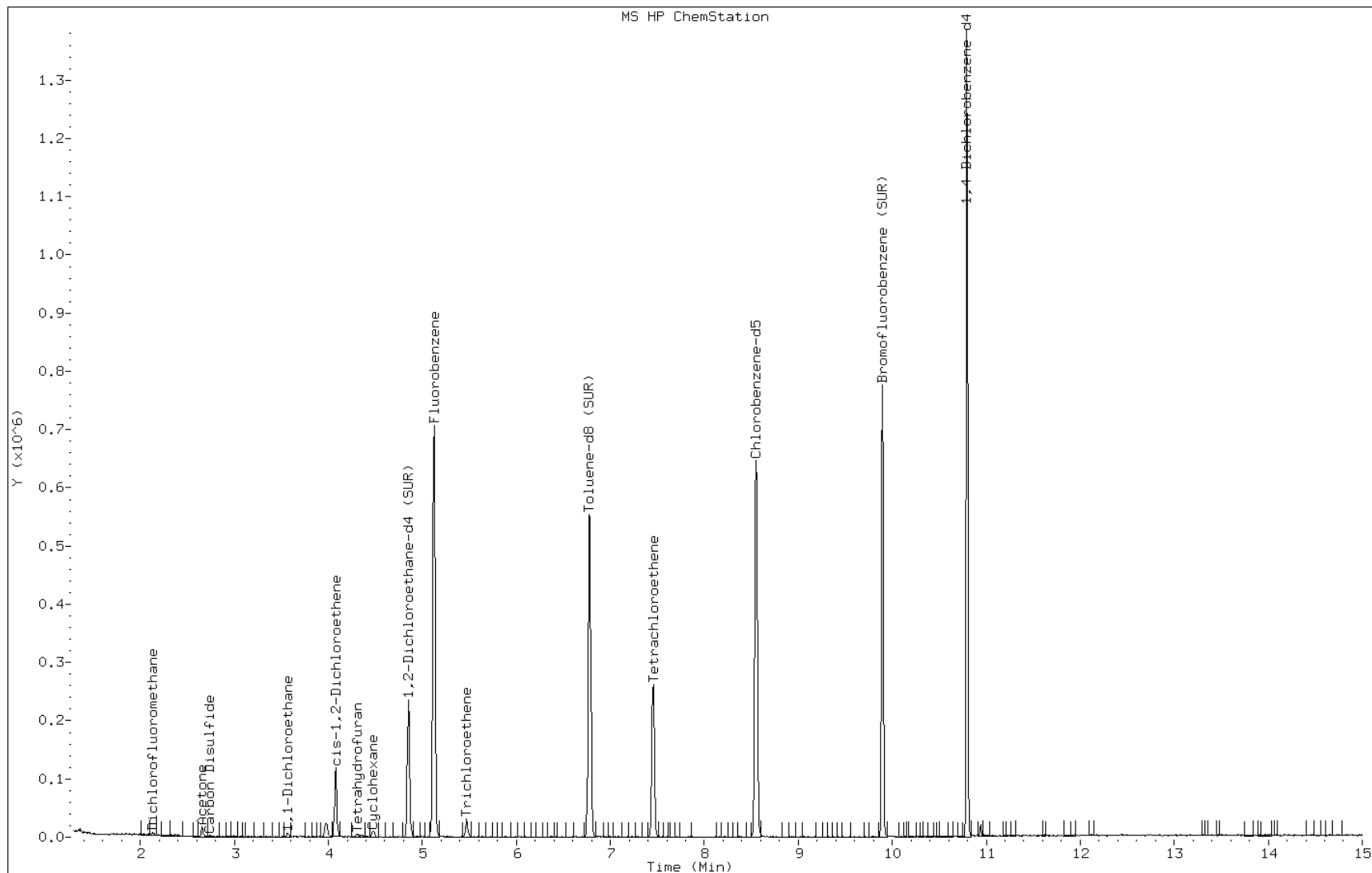
Date: 05-APR-2013 08:47

Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:



Data File: r00750.d

Date: 05-APR-2013 08:47

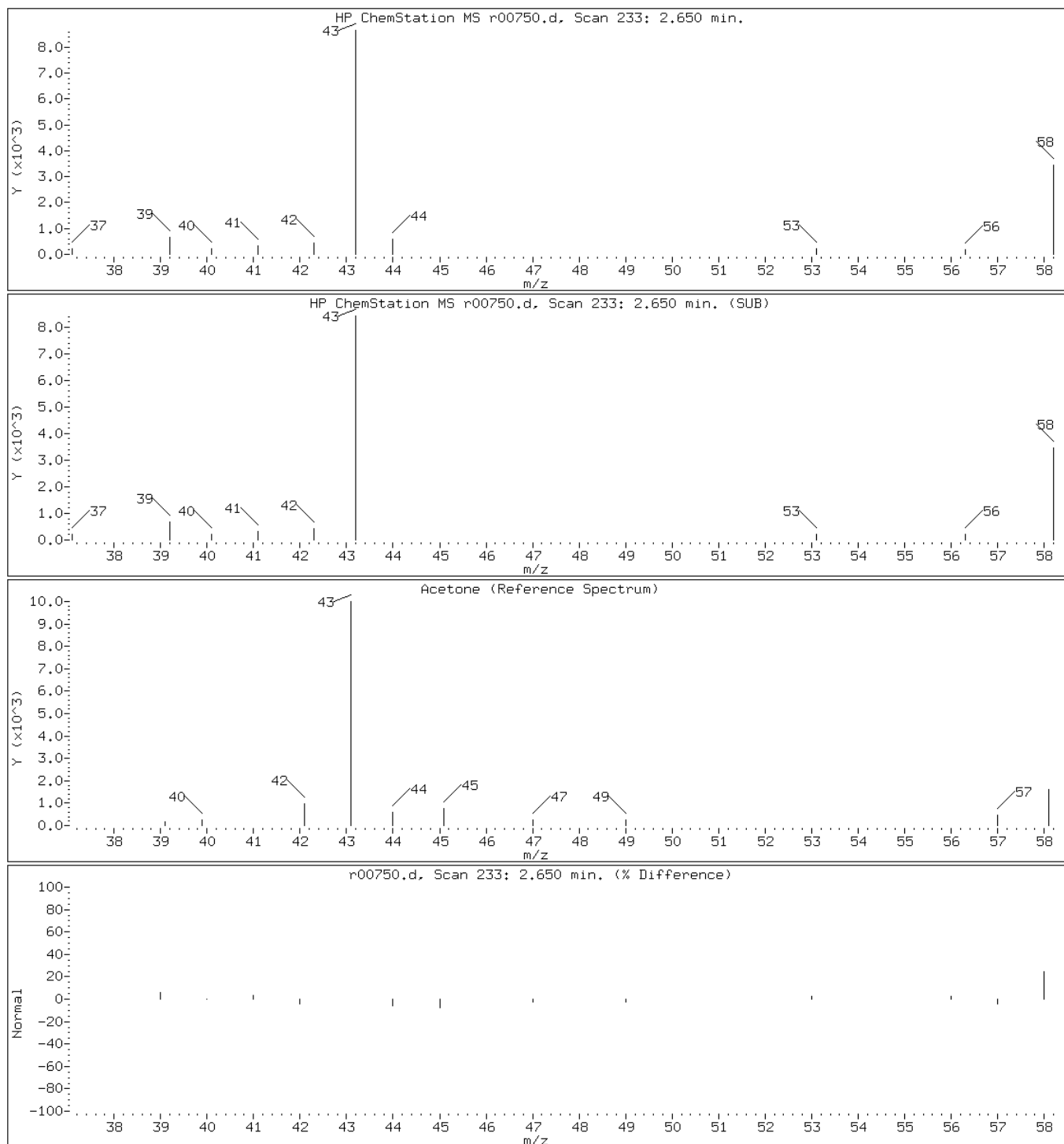
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

16 Acetone



Data File: r00750.d

Date: 05-APR-2013 08:47

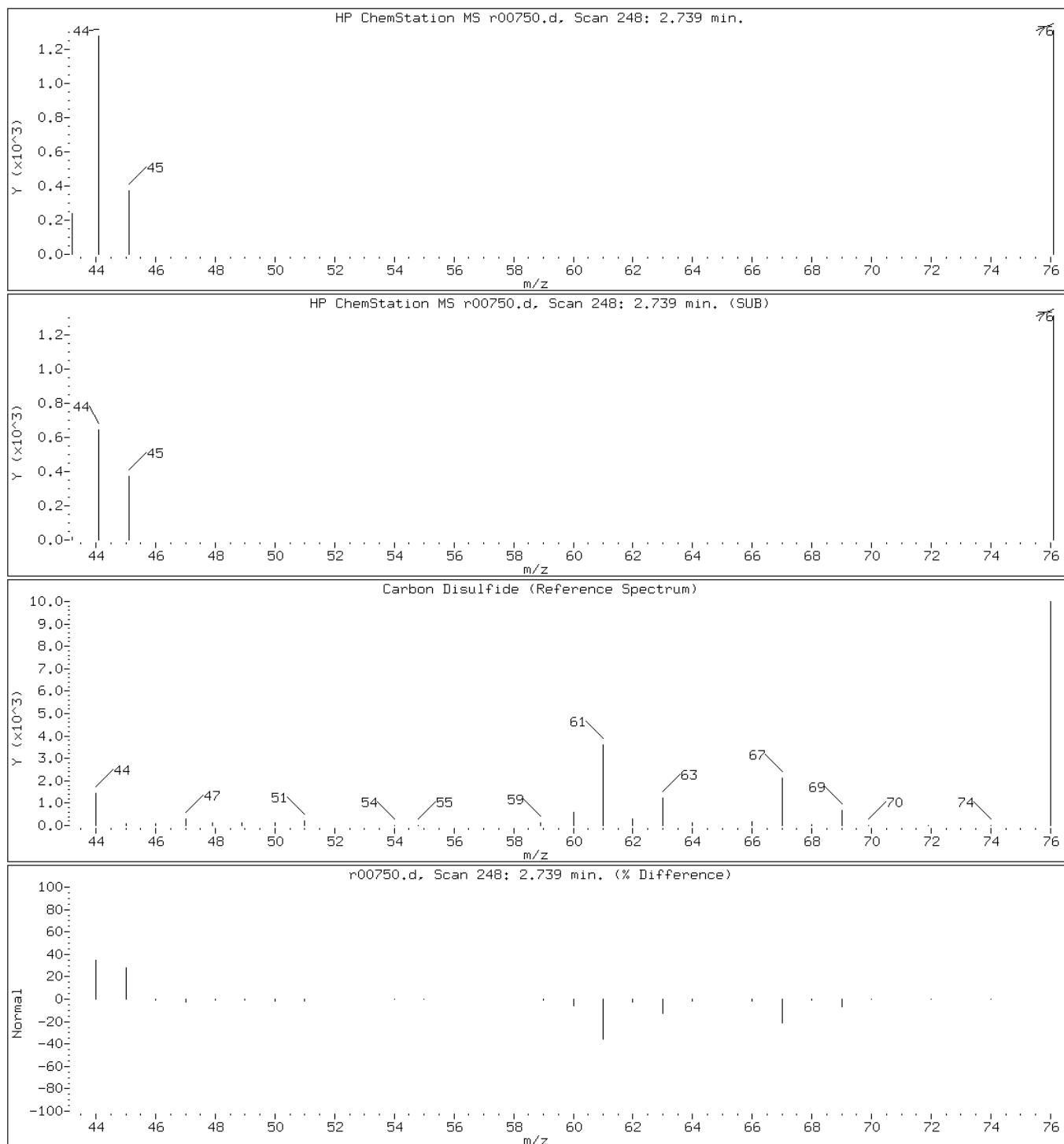
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

18 Carbon Disulfide



Data File: r00750.d

Date: 05-APR-2013 08:47

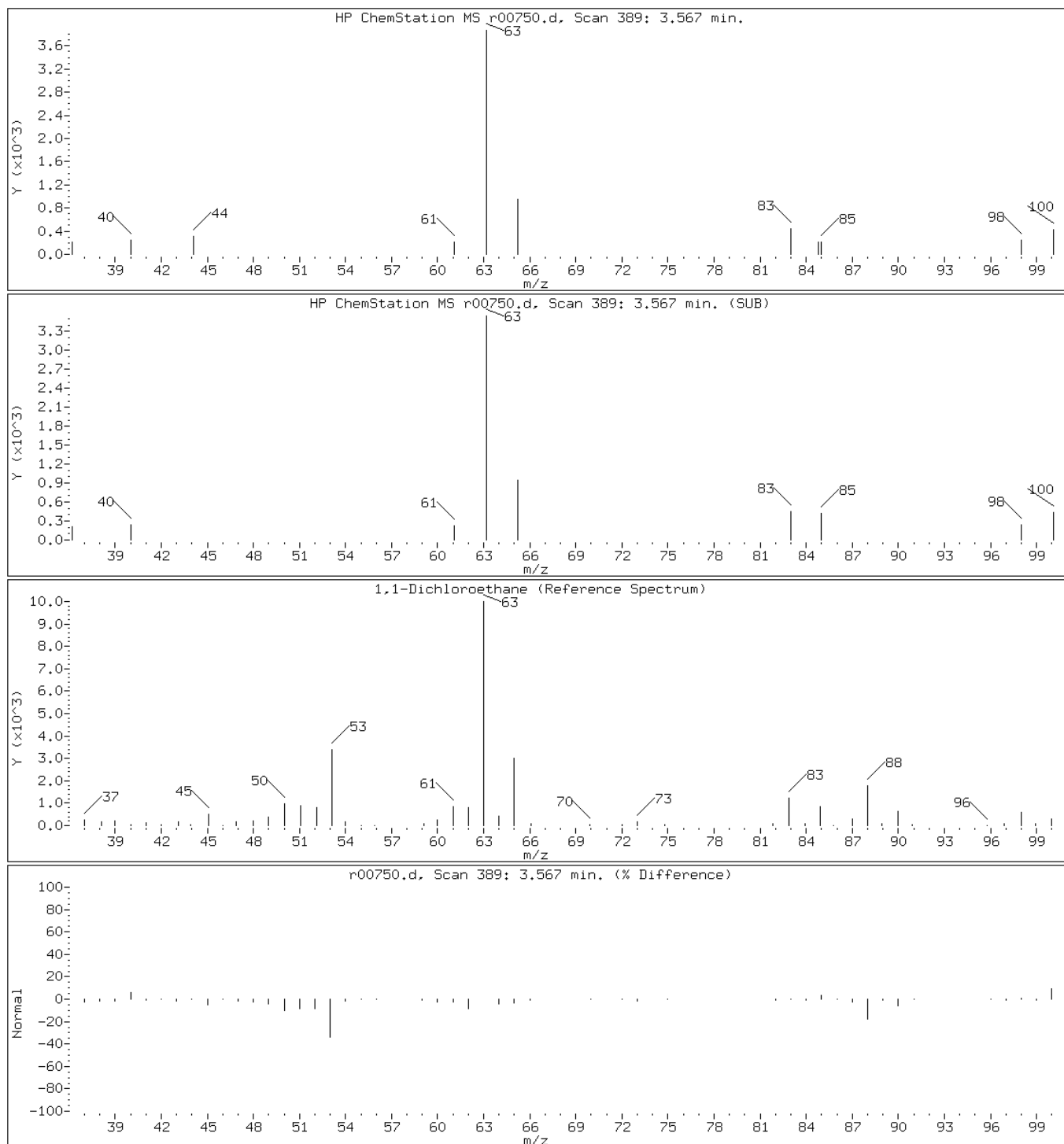
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

30 1,1-Dichloroethane



Data File: r00750.d

Date: 05-APR-2013 08:47

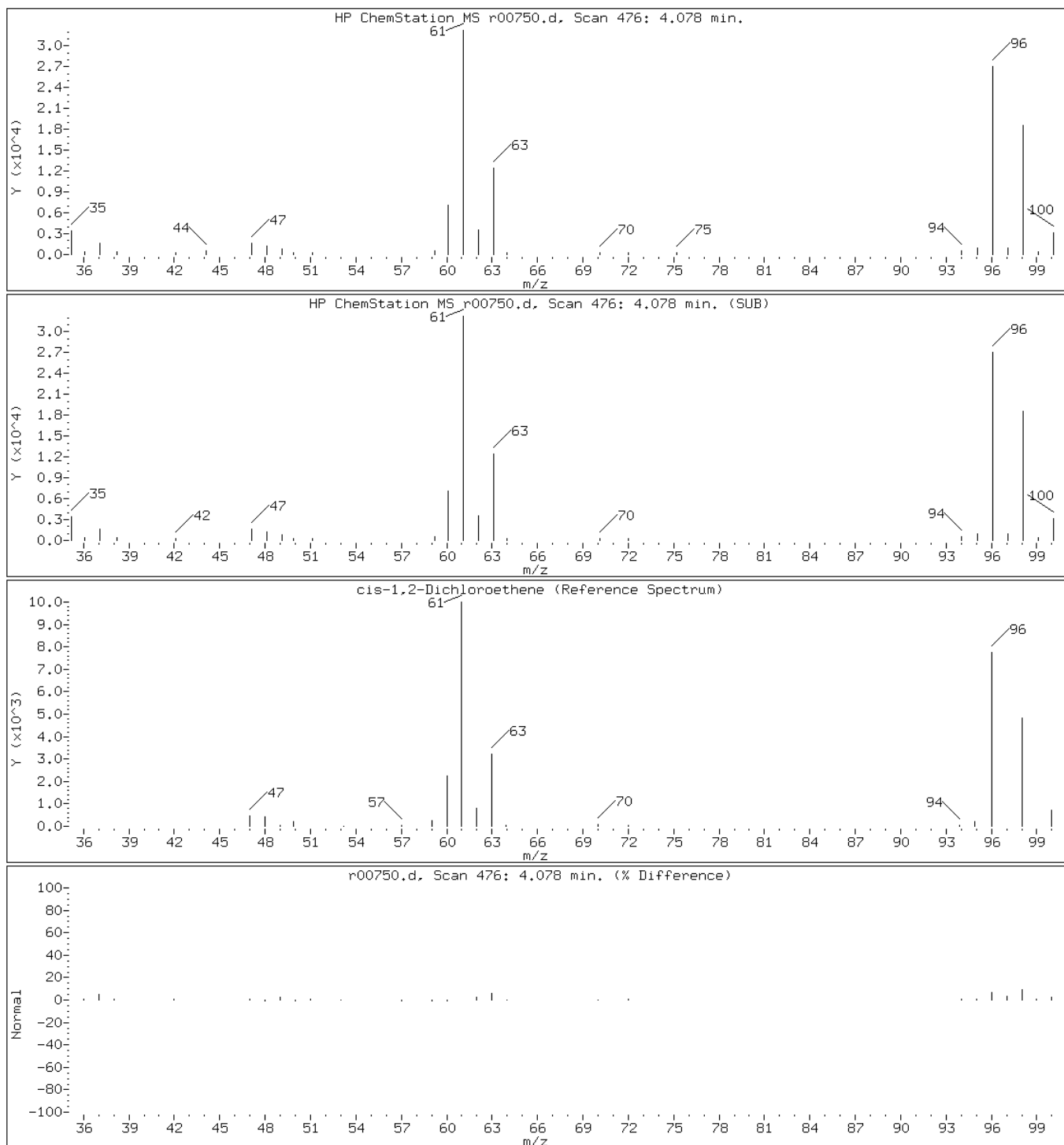
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

36 cis-1,2-Dichloroethene



Data File: r00750.d

Date: 05-APR-2013 08:47

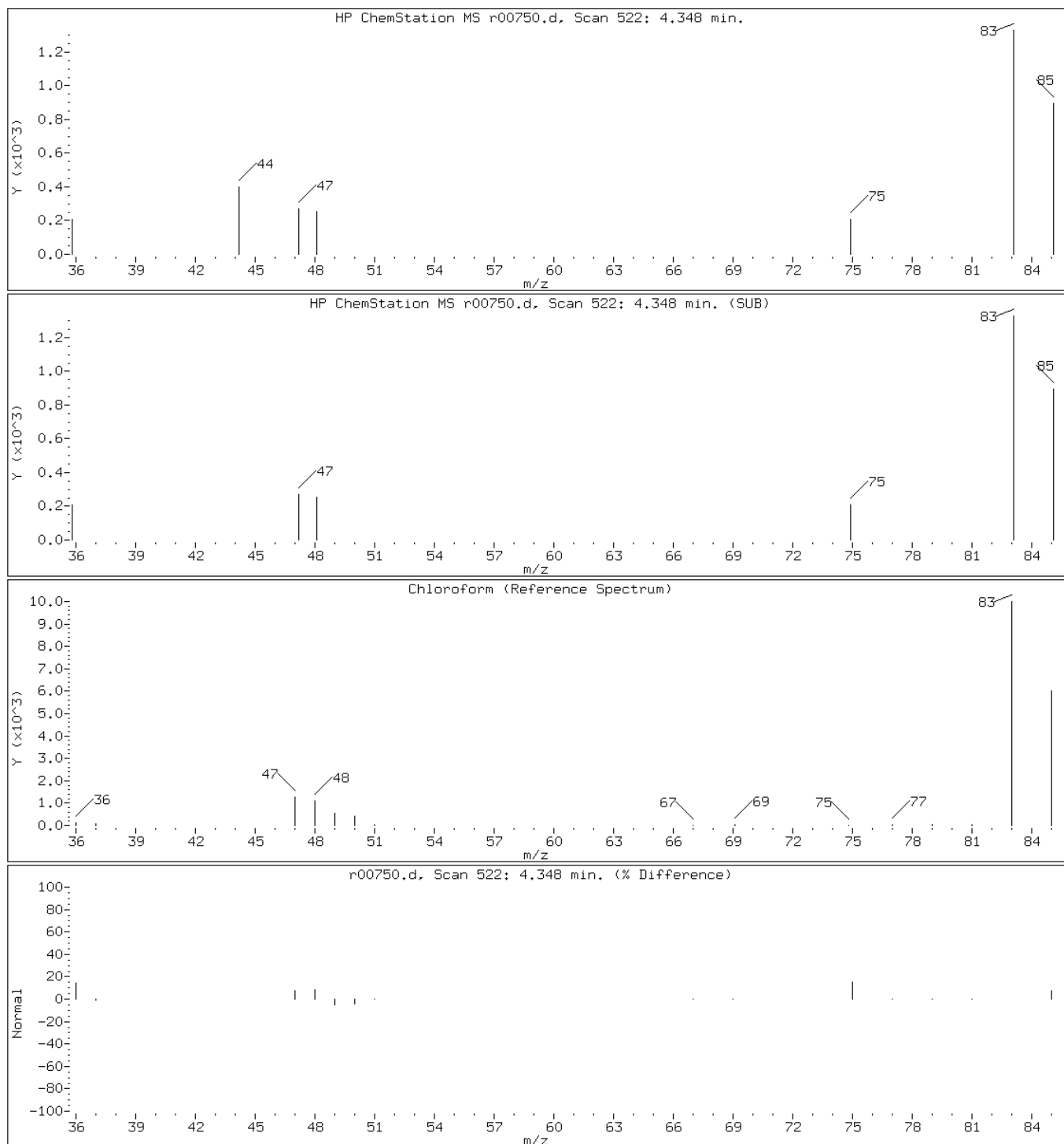
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

42 Chloroform



Data File: r00750.d

Date: 05-APR-2013 08:47

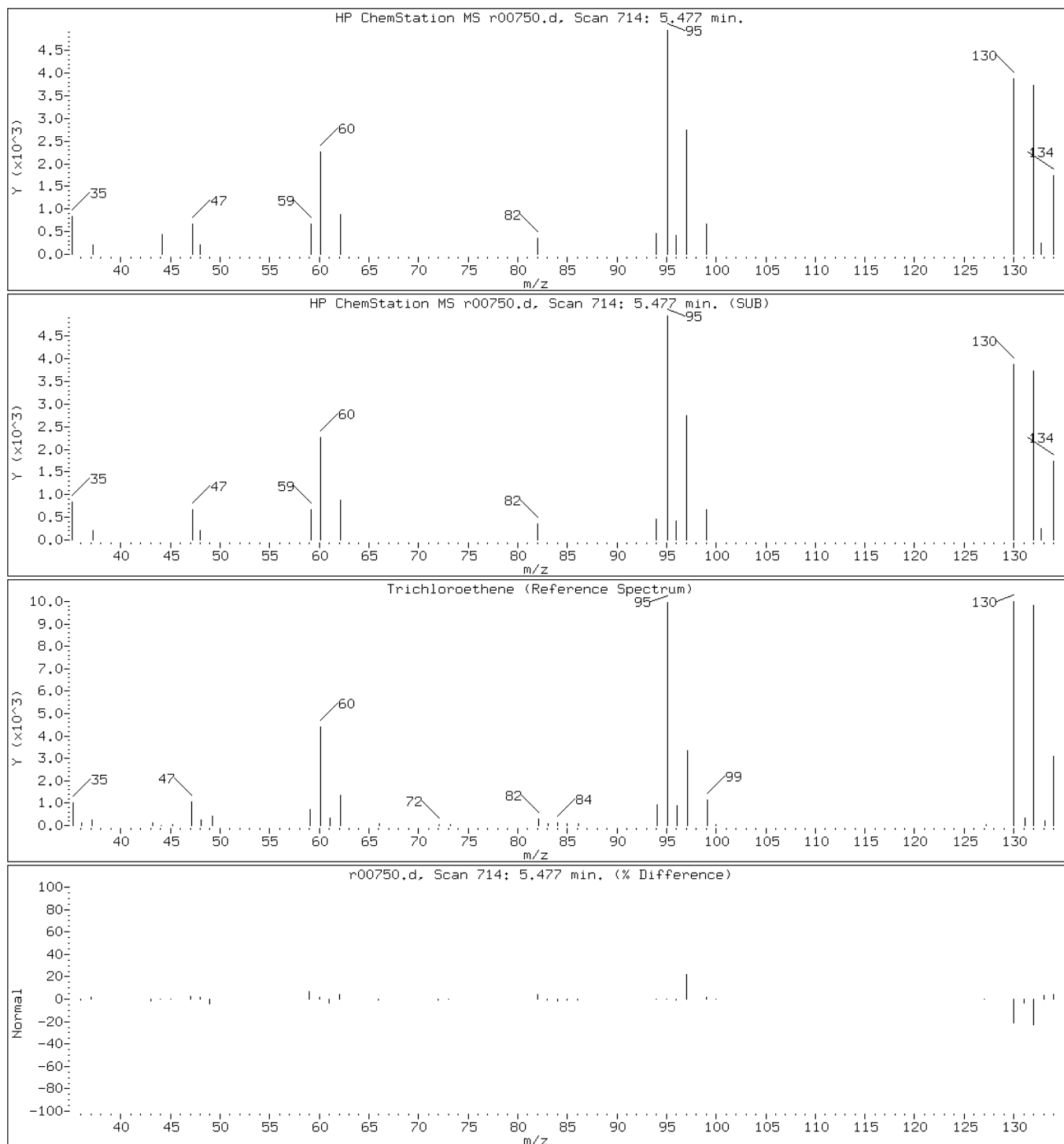
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

54 Trichloroethene



Data File: r00750.d

Date: 05-APR-2013 08:47

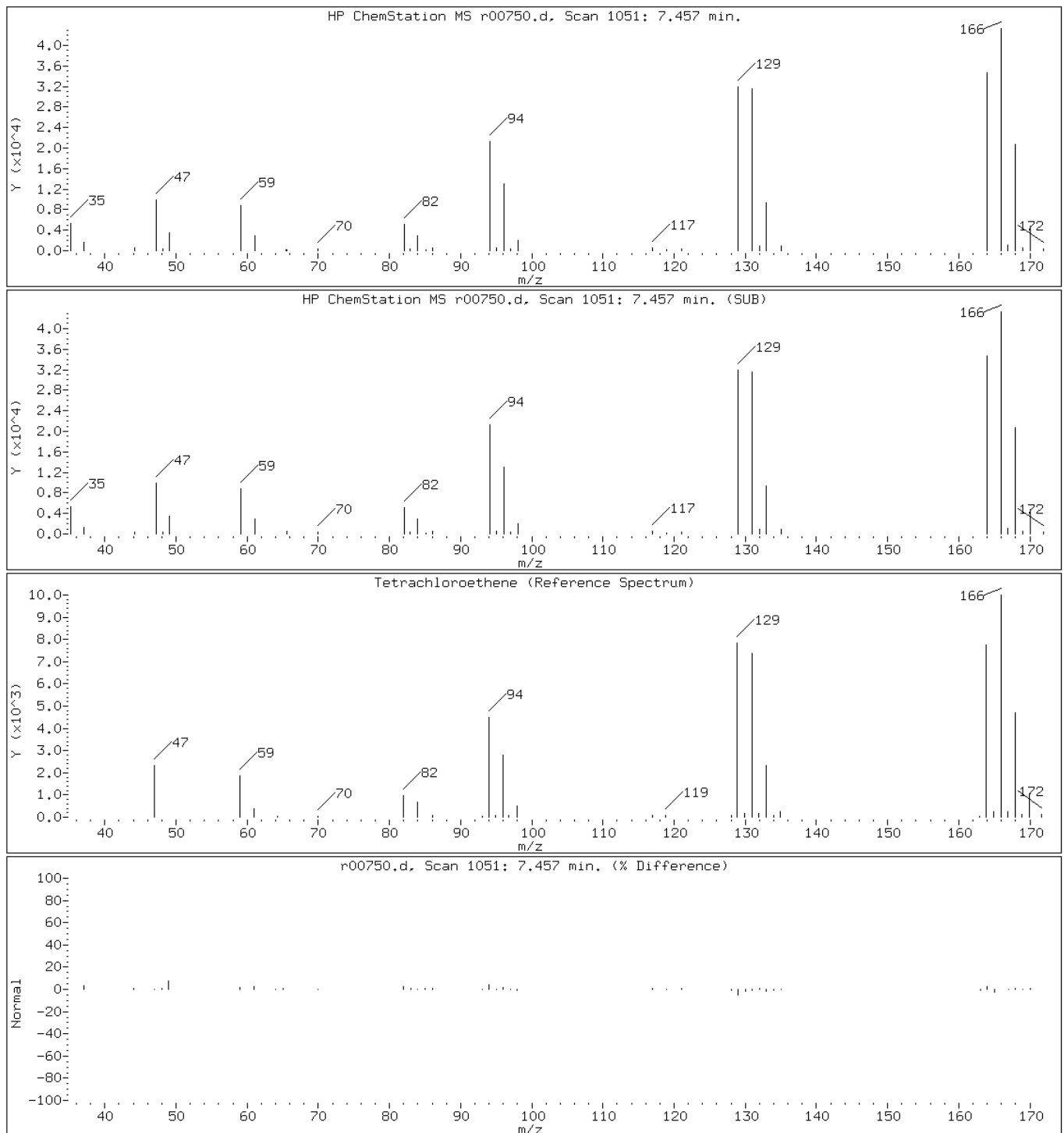
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

71 Tetrachloroethene



Data File: r00750.d

Date: 05-APR-2013 08:47

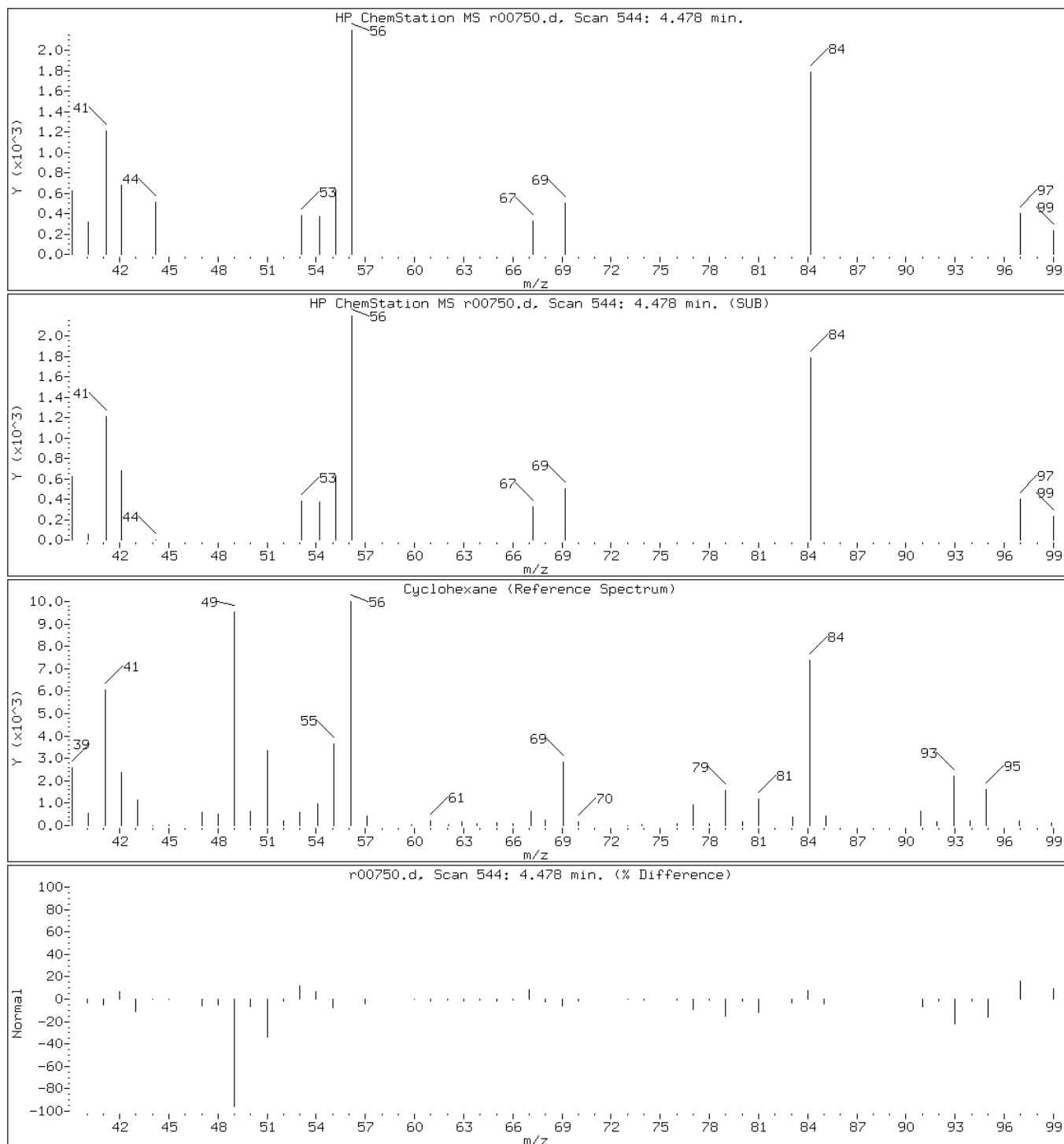
Client ID: BP3B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-2

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: BP3C-CP-00-032813 Lab Sample ID: 460-53245-3

Matrix: Water Lab File ID: r00729.d

Analysis Method: 8260B Date Collected: 03/26/2013 14:06

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 16:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	32		1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	3.7		1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	2.2		1.0	0.15
75-35-4	1,1-Dichloroethene	2.8		1.0	0.090
75-34-3	1,1-Dichloroethane	18		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	270		1.0	0.18
67-66-3	Chloroform	0.94	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.1		1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	3.6		1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	21		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	3.5		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	23		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	0.50	J	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: BP3C-CP-00-032813 Lab Sample ID: 460-53245-3
 Matrix: Water Lab File ID: r00729.d
 Analysis Method: 8260B Date Collected: 03/26/2013 14:06
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 16:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11		1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.4		1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00729.d
 Report Date: 08-Apr-2013 14:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00729.d
 Lab Smp Id: 460-53245-A-3 Client Smp ID: BP3C-CP-00-032813
 Inj Date : 04-APR-2013 16:56
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-3
 Misc Info : 460-53245-A-3
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 37
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
4 Vinyl Chloride	62	1.605	1.604	(0.313)	113453		32.2143	32
182 Dichlorofluoromethane	67	2.133	2.127	(0.416)	75109		10.9886	11
7 Trichlorofluoromethane	101	2.139	2.133	(0.417)	14284		2.21742	2.2
8 n-Pentane	72	2.186	2.180	(0.427)	1162		1.58269	1.6(a)
11 Ethyl Ether	59	2.374	2.374	(0.463)	6076		2.13886	2.1
14 Freon TF	101	2.533	2.527	(0.494)	39281		10.7612	11
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	9089		2.78115	2.8
16 Acetone	58	2.656	2.656	(0.518)	5072		11.8435	12(H)
22 Methylene Chloride	84	2.997	2.991	(0.585)	15964		3.74472	3.7
25 trans-1,2-Dichloroethene	96	3.185	3.179	(0.622)	4620		1.11408	1.1
29 Hexane	56	3.338	3.332	(0.651)	1334		0.51035	0.51(a)
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	121699		17.6386	18
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	1255819		271.655	270
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	7133		5.33184	5.3
42 Chloroform	83	4.348	4.348	(0.849)	6707		0.94057	0.94(a)
44 Cyclohexane	56	4.478	4.478	(0.874)	9359		1.44275	1.4

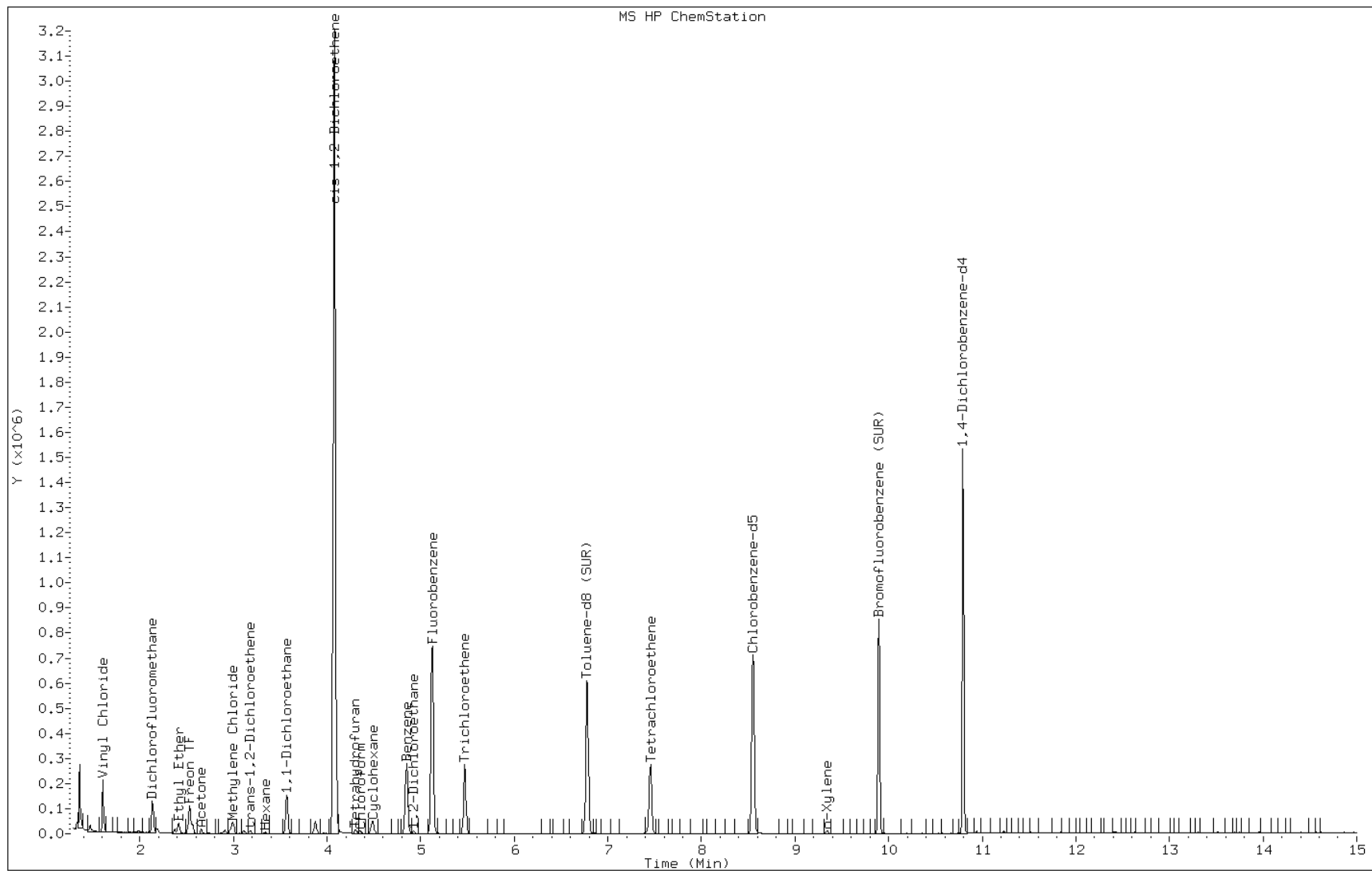
Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00729.d
 Report Date: 08-Apr-2013 14:24

Compounds	QUANT SIG			CONCENTRATIONS			
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	23016	3.62791	3.6
48 Benzene	78	4.836	4.836	(0.566)	53795	3.47391	3.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	178763	57.6851	58
49 1,2-Dichloroethane	62	4.930	4.924	(0.962)	6672	1.14171	1.1
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	670870	50.0000	
54 Trichloroethene	95	5.471	5.471	(1.068)	89454	21.0408	21
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	440382	49.2553	49
71 Tetrachloroethene	166	7.457	7.456	(0.872)	96168	22.8696	23
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	460148	50.0000	
84 o-Xylene	106	9.343	9.343	(1.093)	3805	0.49598	0.50(a)
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	190065	48.1994	48
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	265620	50.0000	
M 120 1,2-Dichloroethene (Total)	100				1260439	272.769	270
M 121 Xylene (Total)	100				3805	0.49598	0.50(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Operator:



Data File: r00729.d

Date: 04-APR-2013 16:56

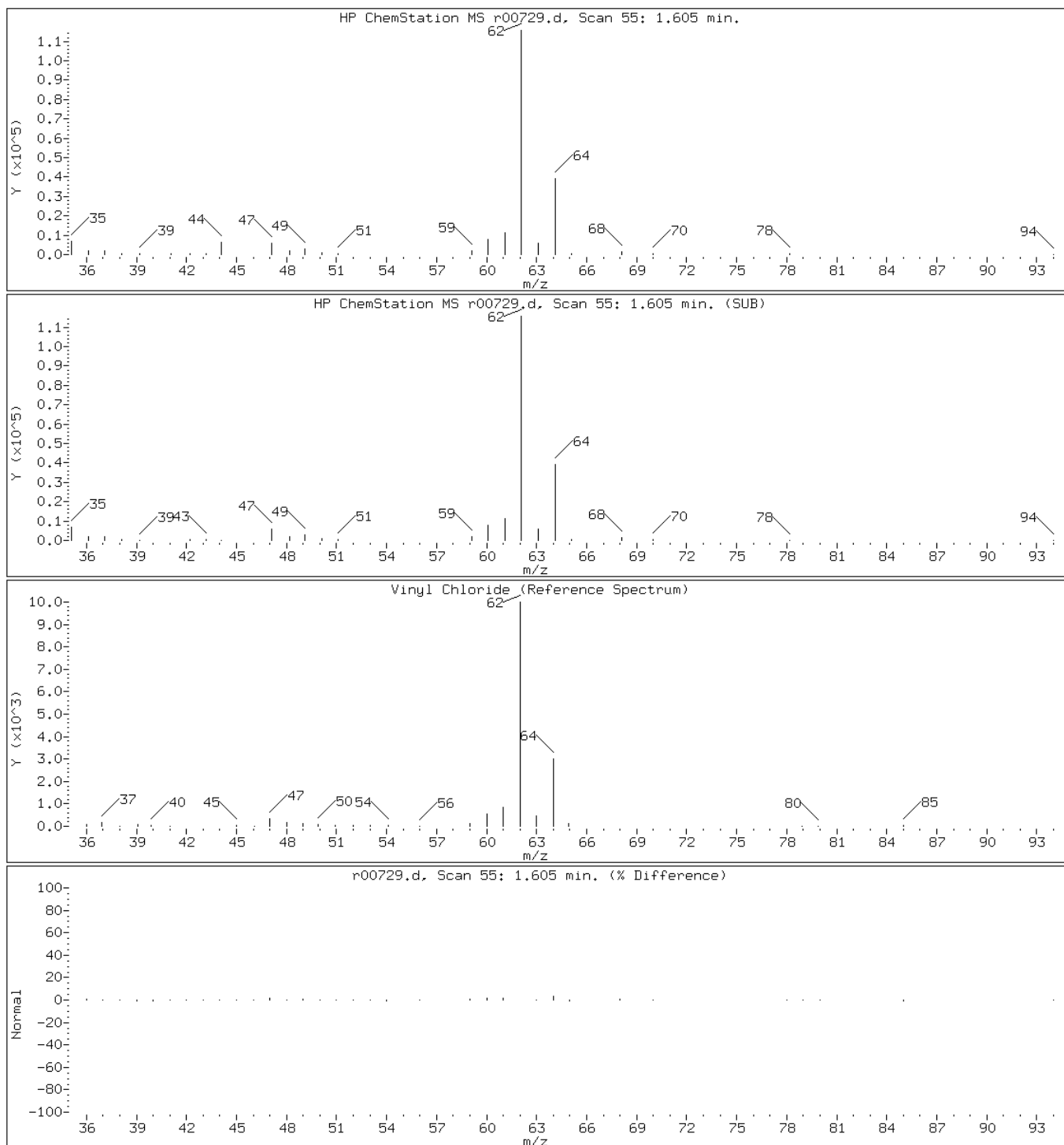
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

4 Vinyl Chloride



Data File: r00729.d

Date: 04-APR-2013 16:56

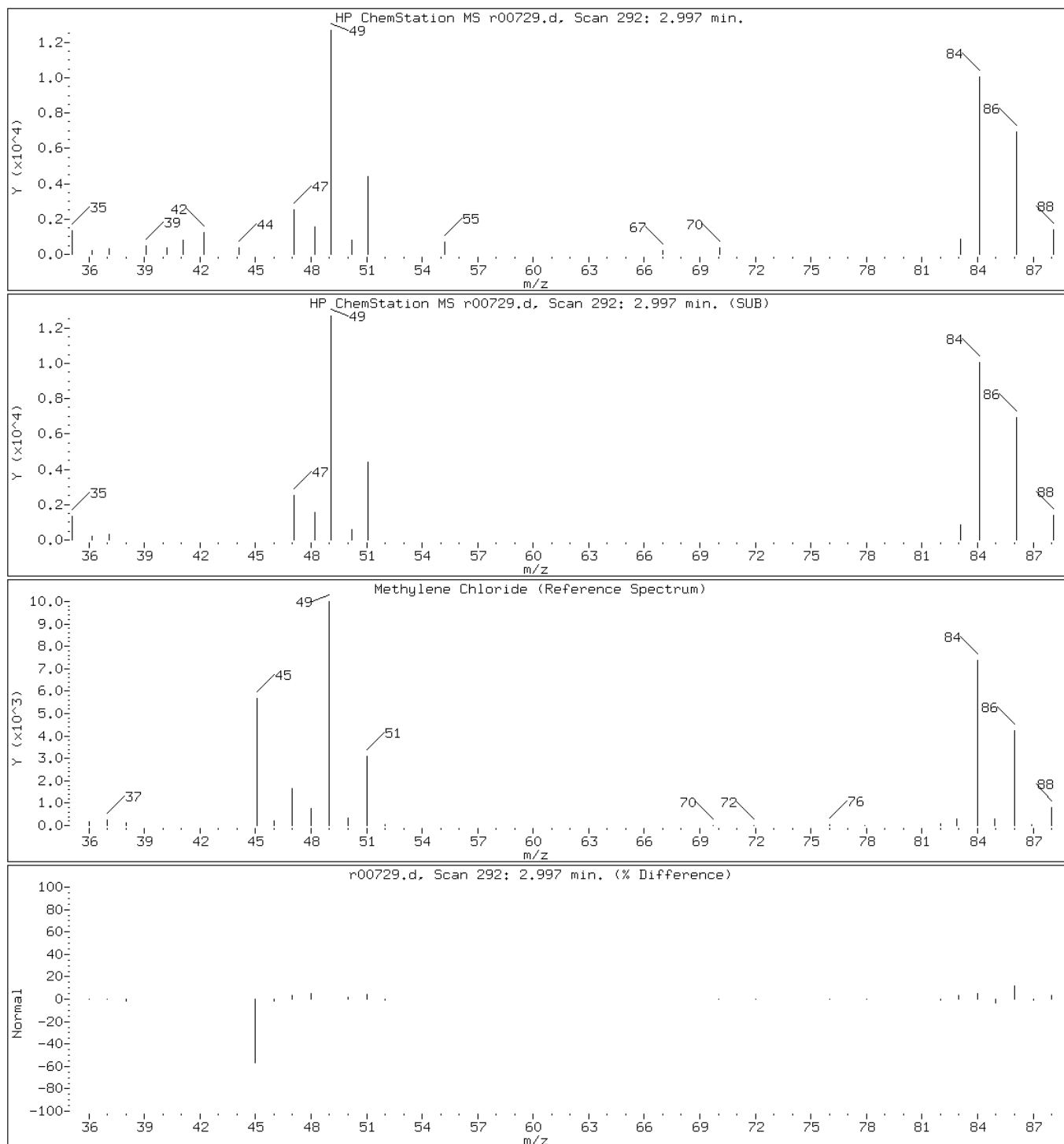
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Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

22 Methylene Chloride



Data File: r00729.d

Date: 04-APR-2013 16:56

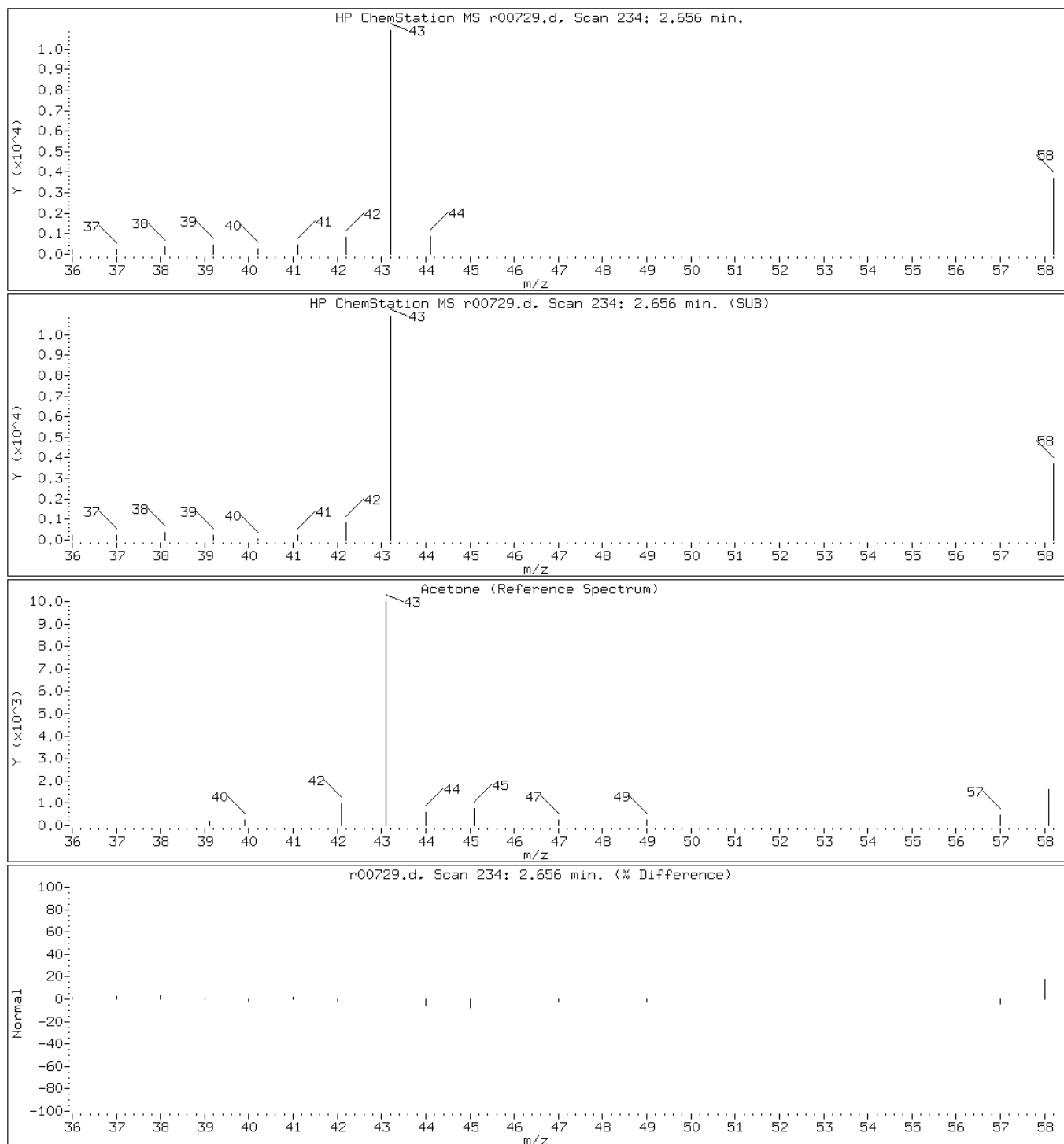
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

16 Acetone



Data File: r00729.d

Date: 04-APR-2013 16:56

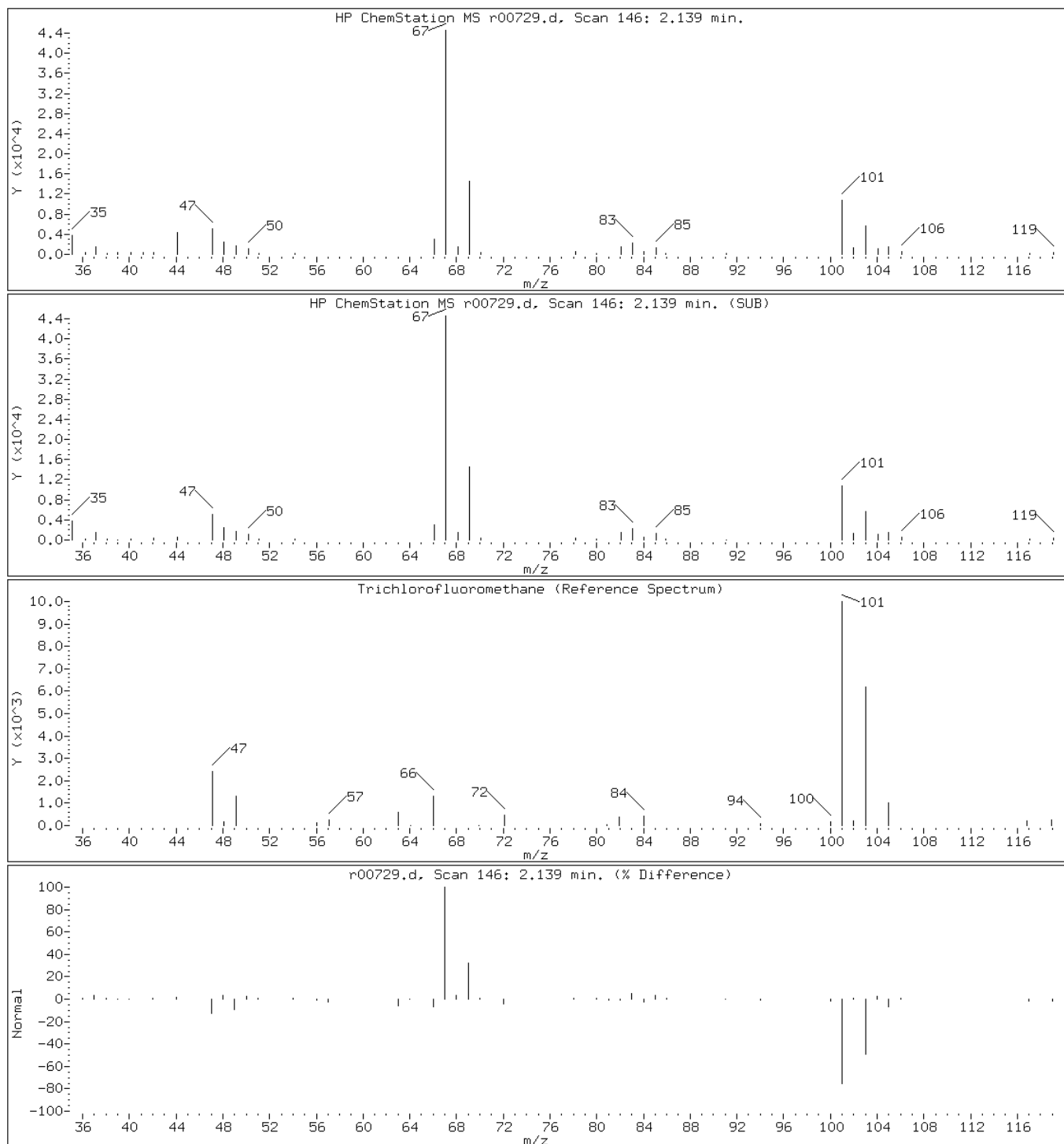
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

7 Trichlorofluoromethane



Data File: r00729.d

Date: 04-APR-2013 16:56

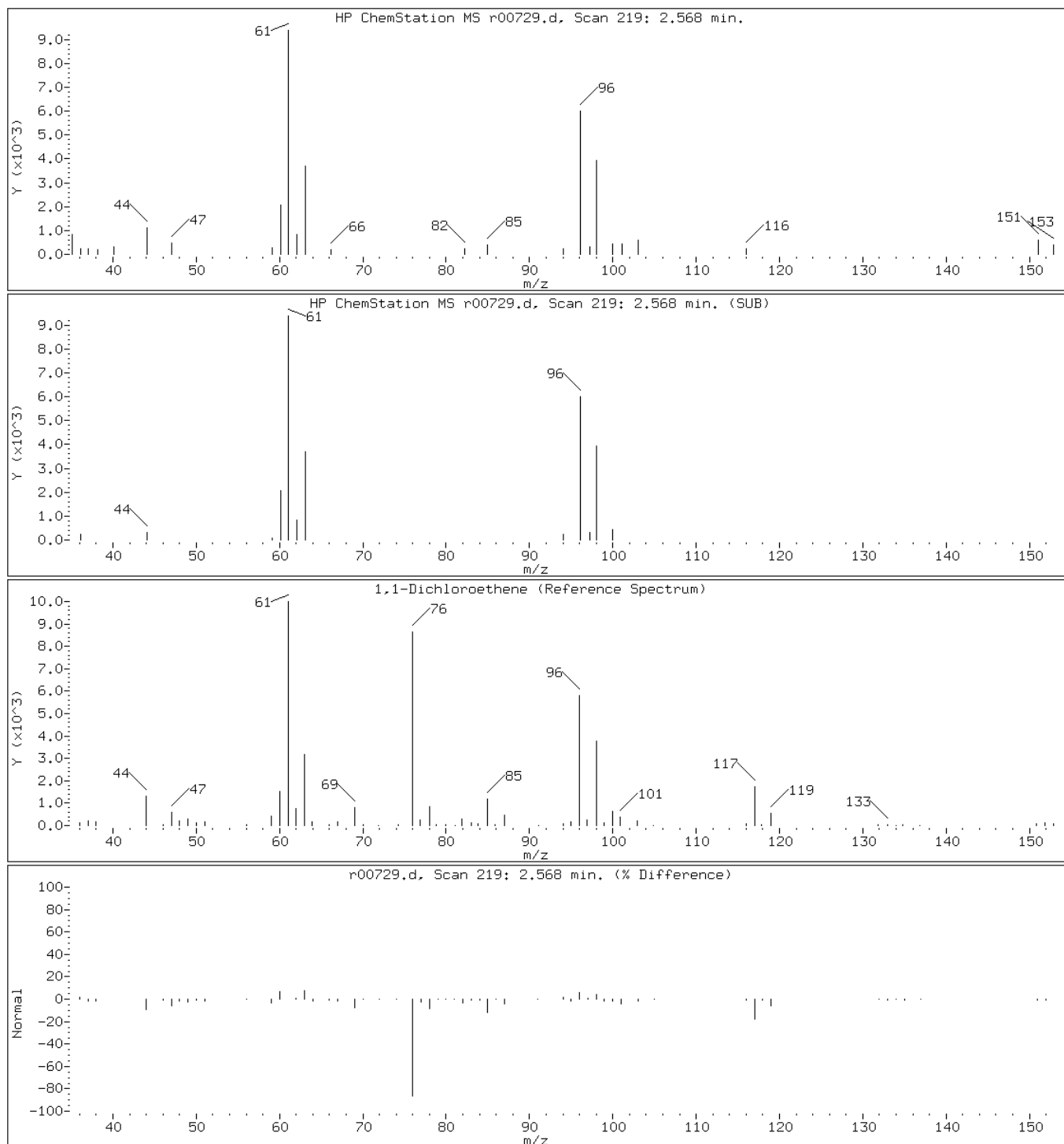
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

15 1,1-Dichloroethene



Data File: r00729.d

Date: 04-APR-2013 16:56

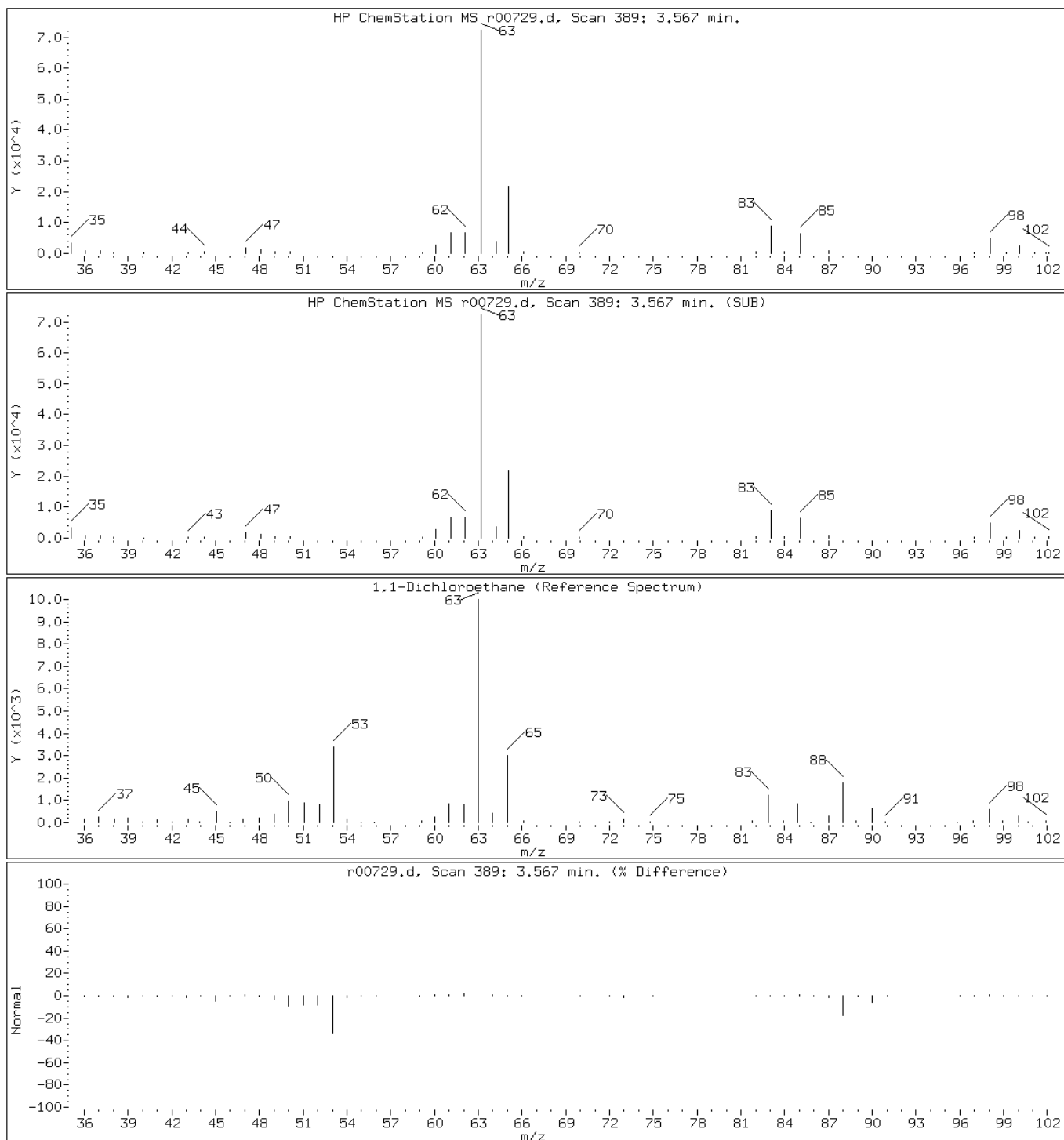
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

30 1,1-Dichloroethane



Data File: r00729.d

Date: 04-APR-2013 16:56

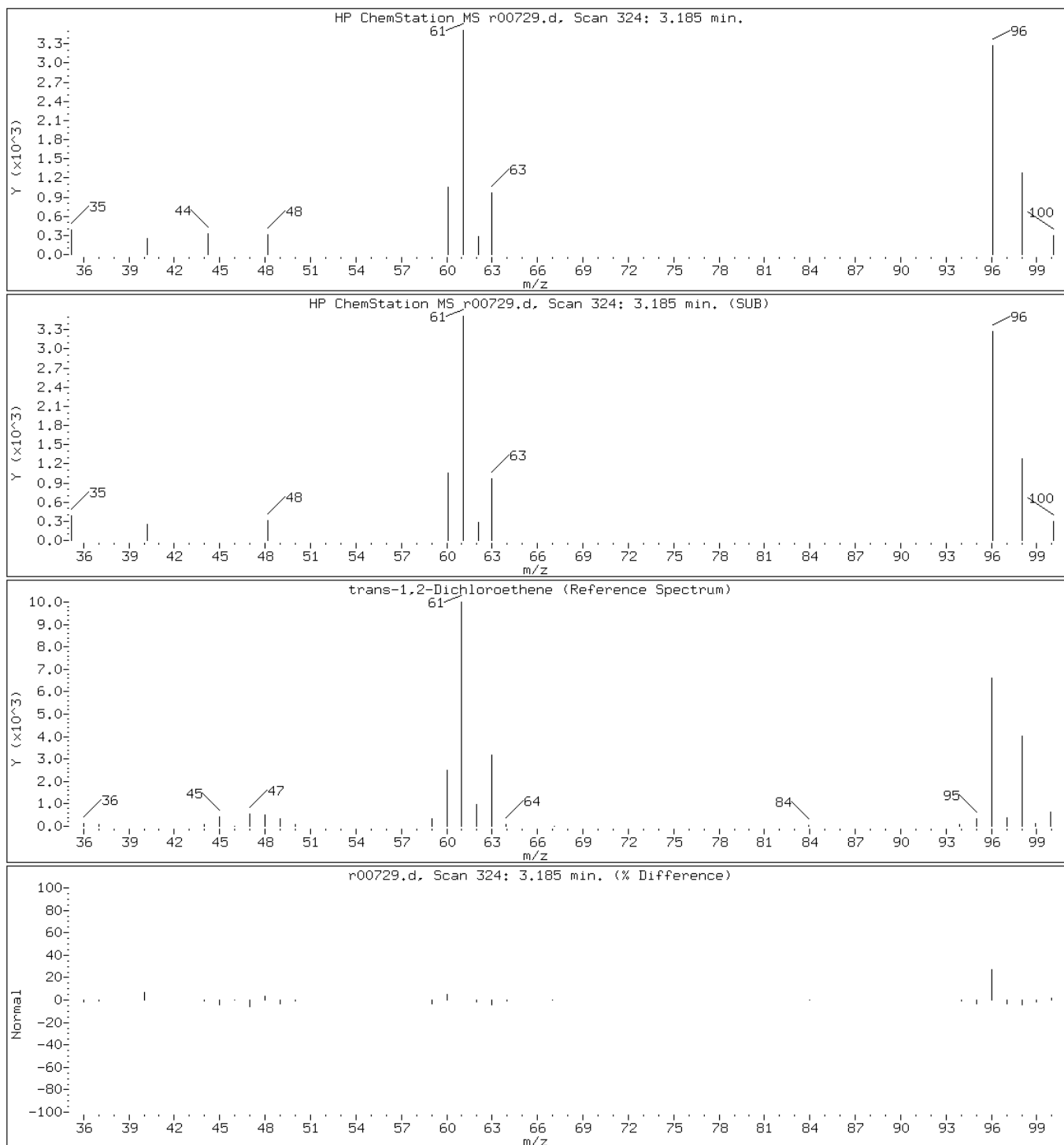
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

25 trans-1,2-Dichloroethene



Data File: r00729.d

Date: 04-APR-2013 16:56

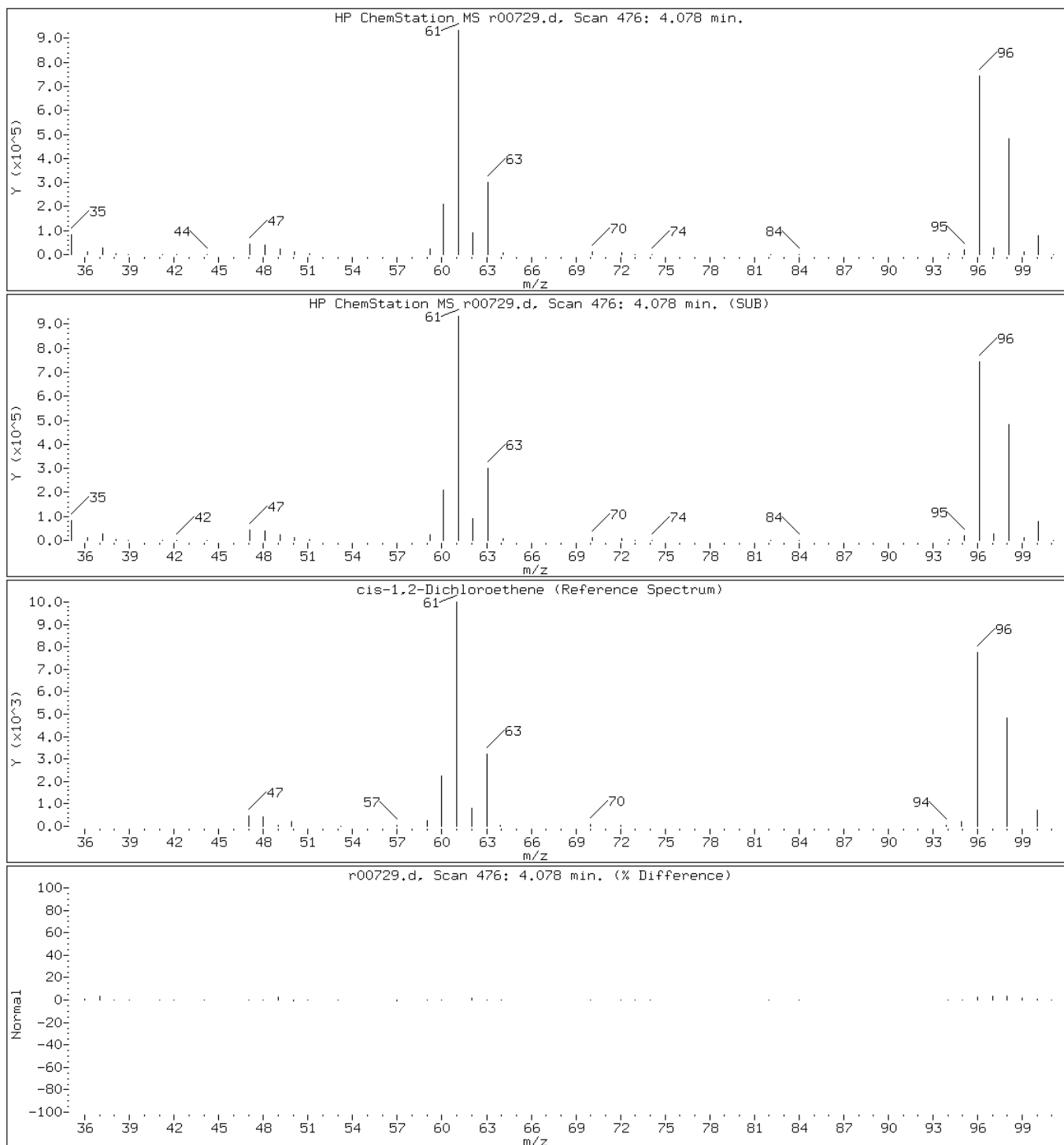
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

36 cis-1,2-Dichloroethene



Data File: r00729.d

Date: 04-APR-2013 16:56

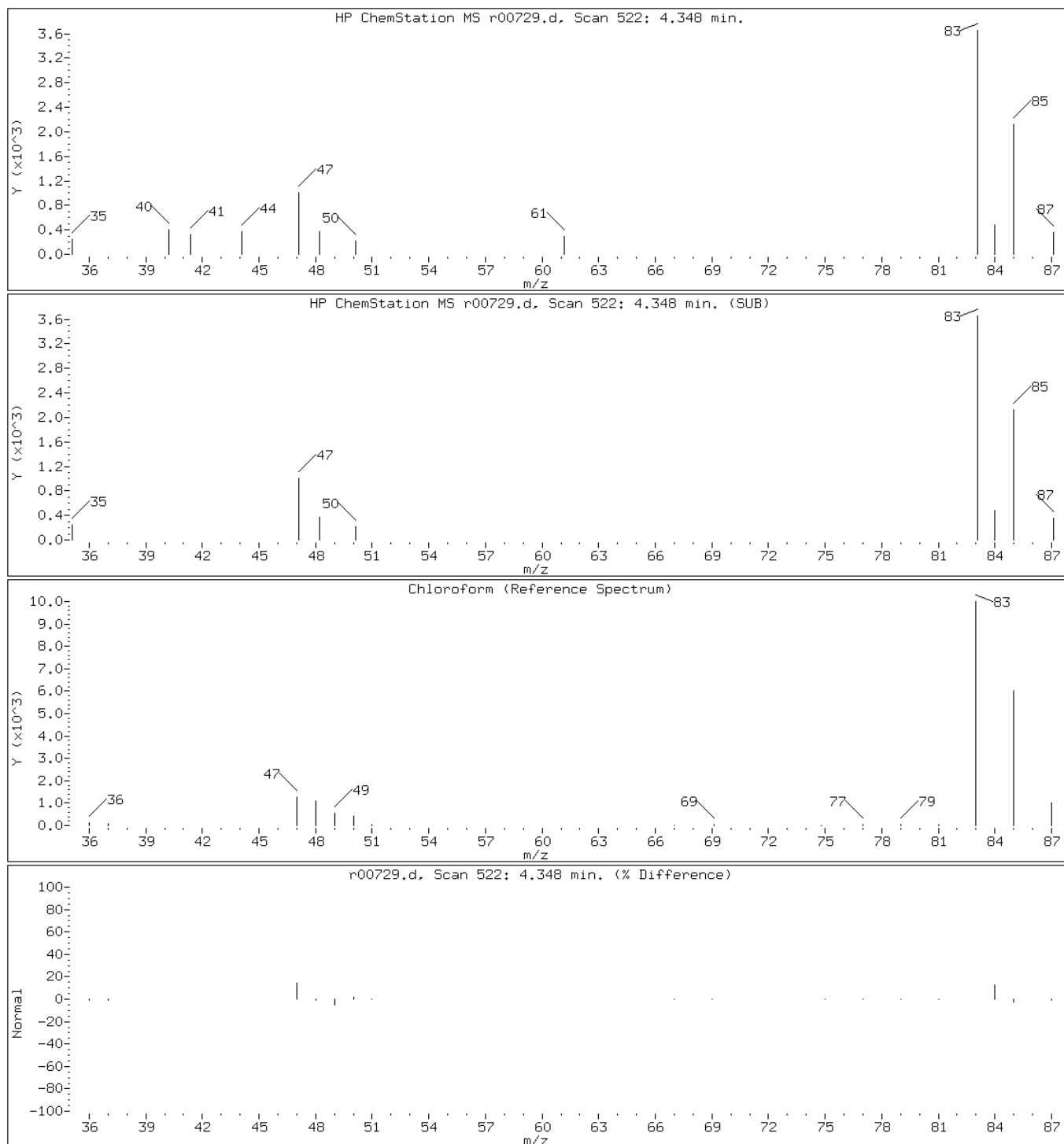
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

42 Chloroform



Data File: r00729.d

Date: 04-APR-2013 16:56

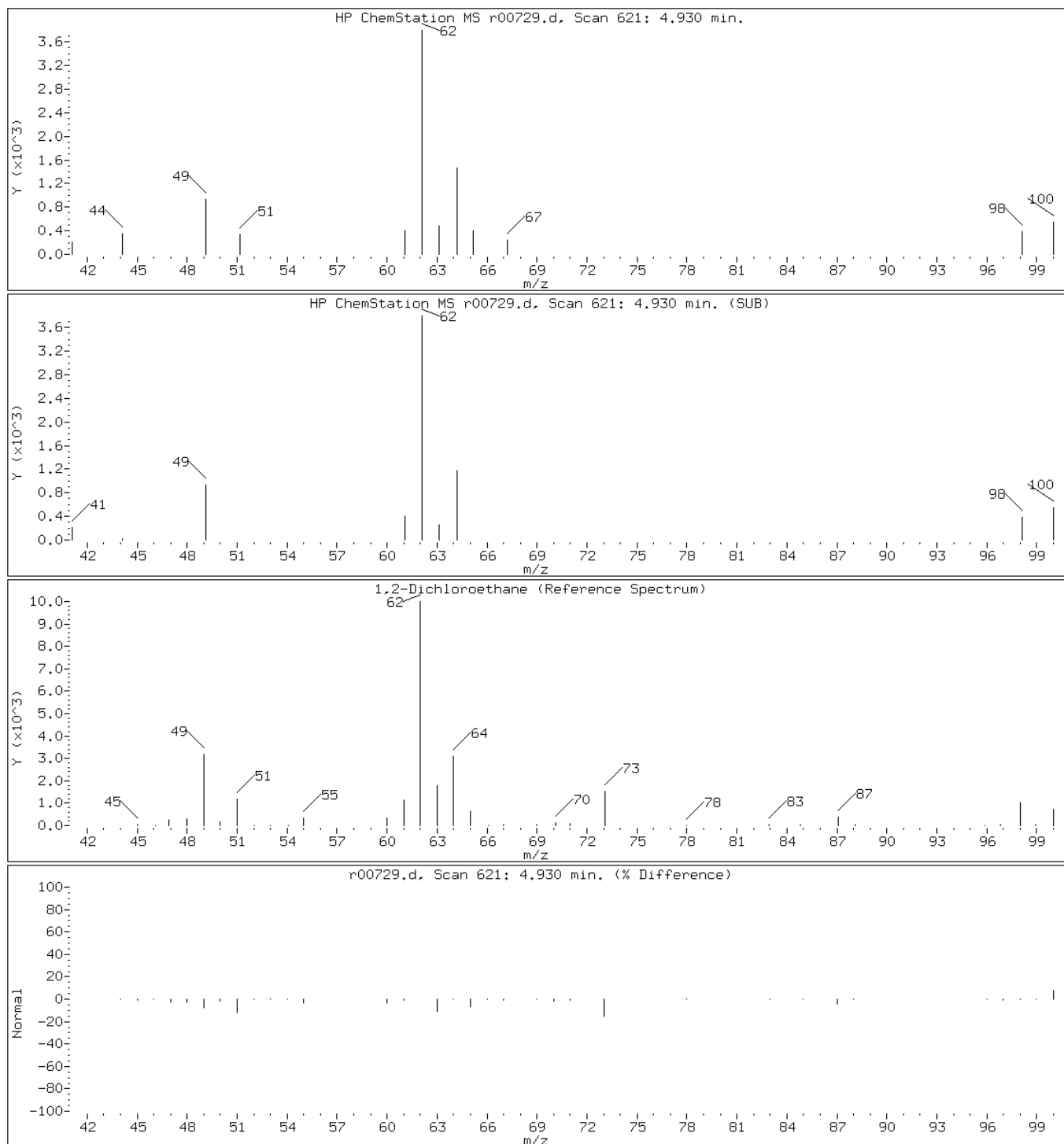
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

49 1,2-Dichloroethane



Data File: r00729.d

Date: 04-APR-2013 16:56

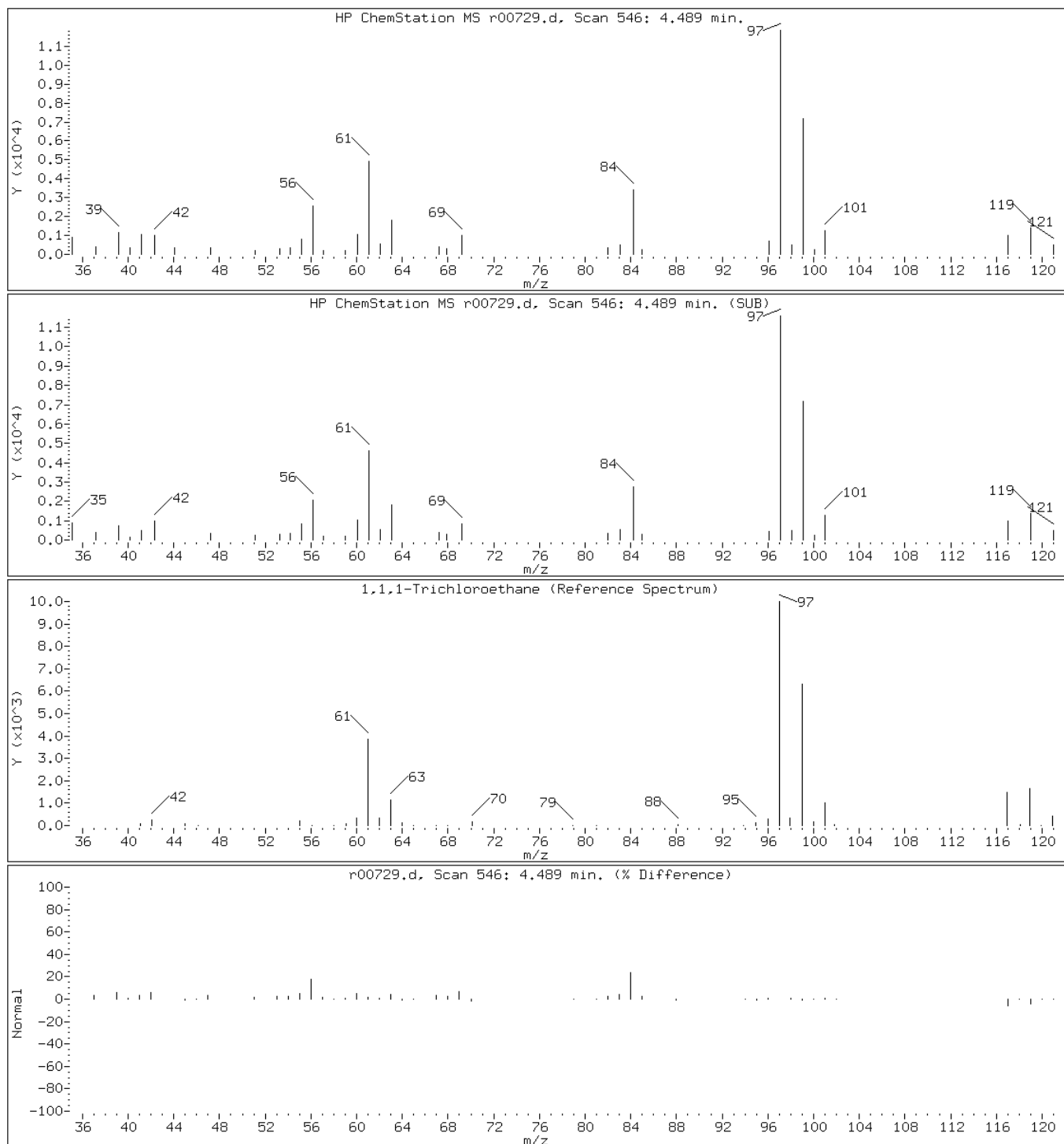
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

43 1,1,1-Trichloroethane



Data File: r00729.d

Date: 04-APR-2013 16:56

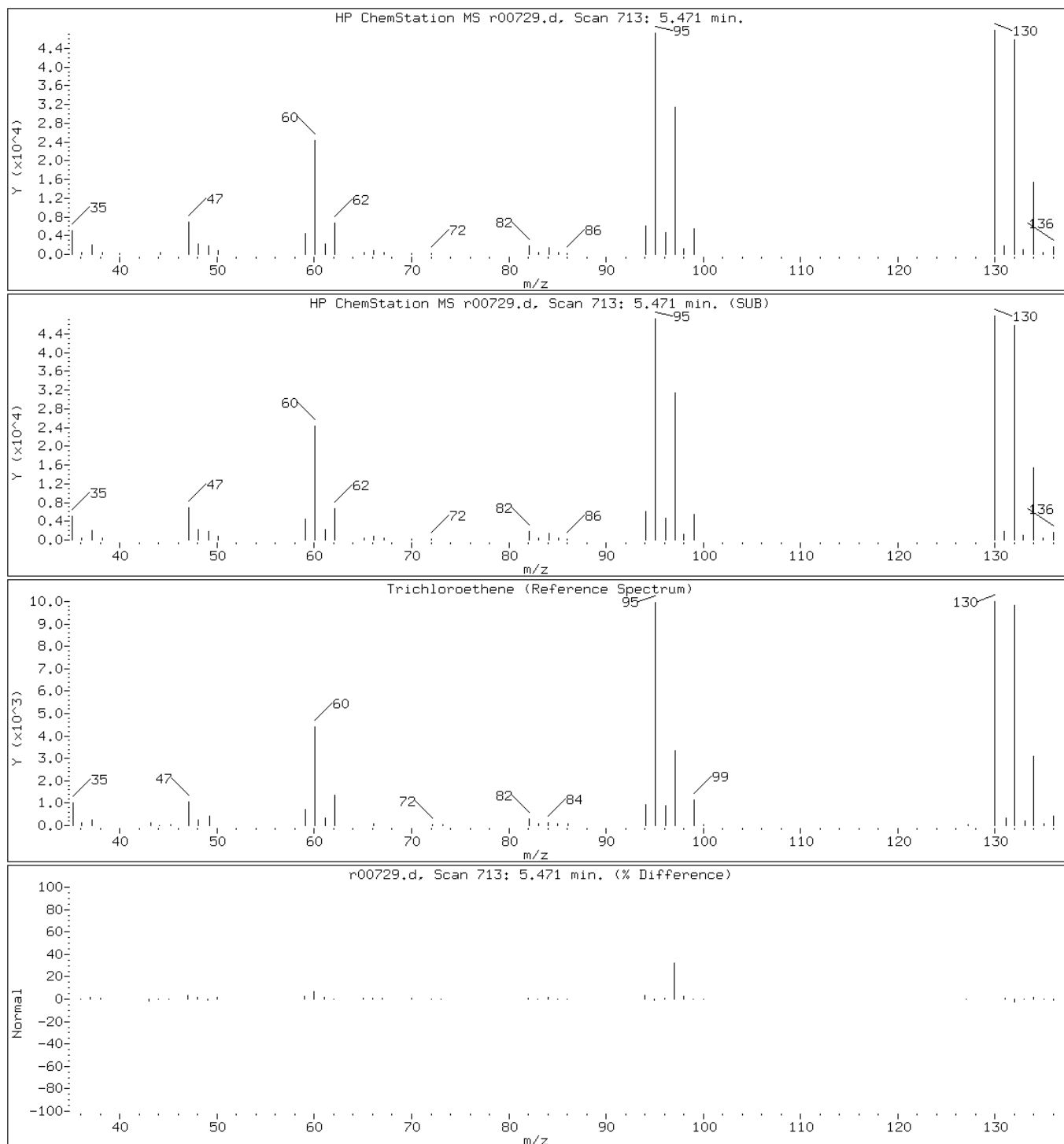
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

54 Trichloroethene



Data File: r00729.d

Date: 04-APR-2013 16:56

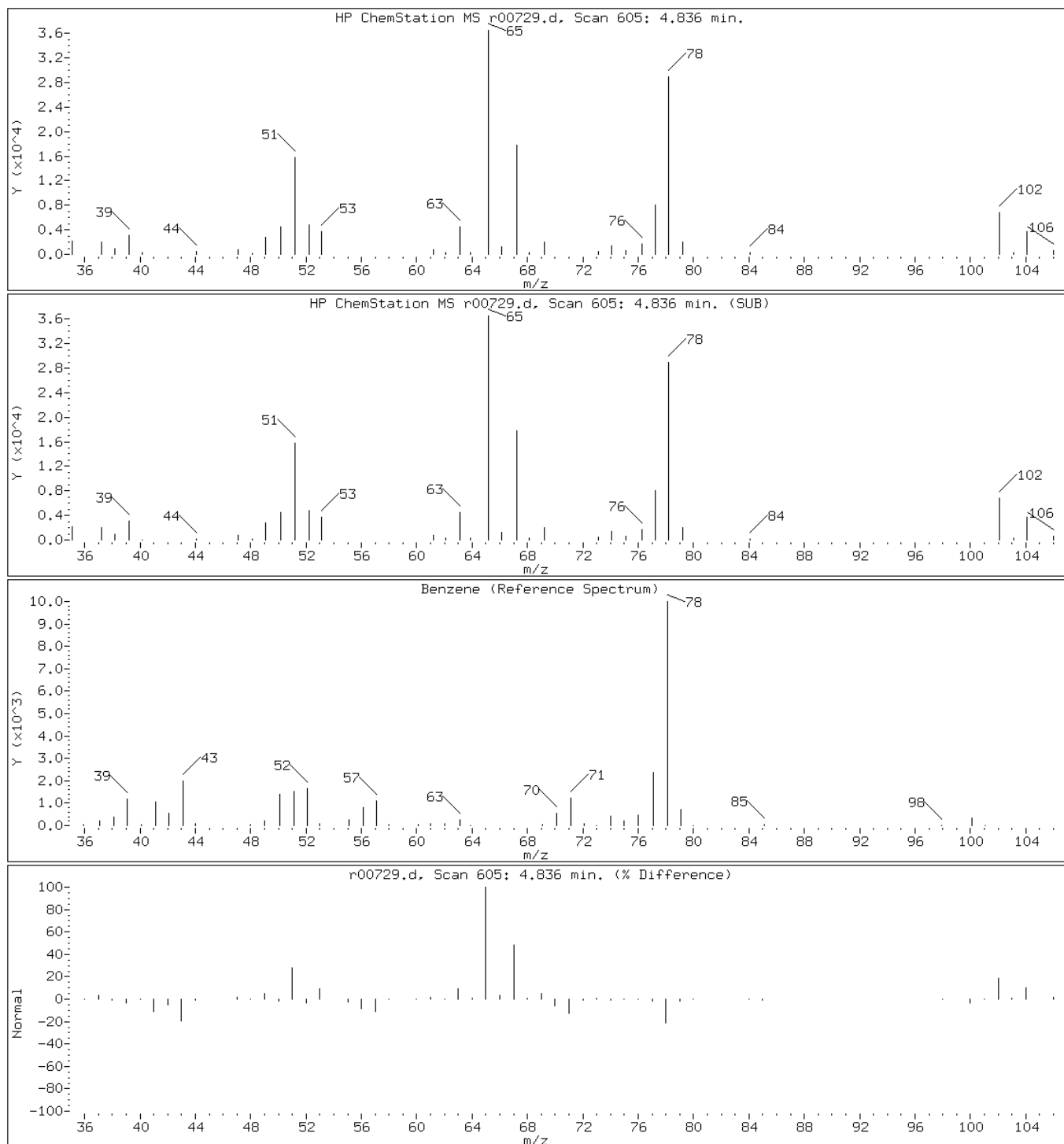
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

48 Benzene



Data File: r00729.d

Date: 04-APR-2013 16:56

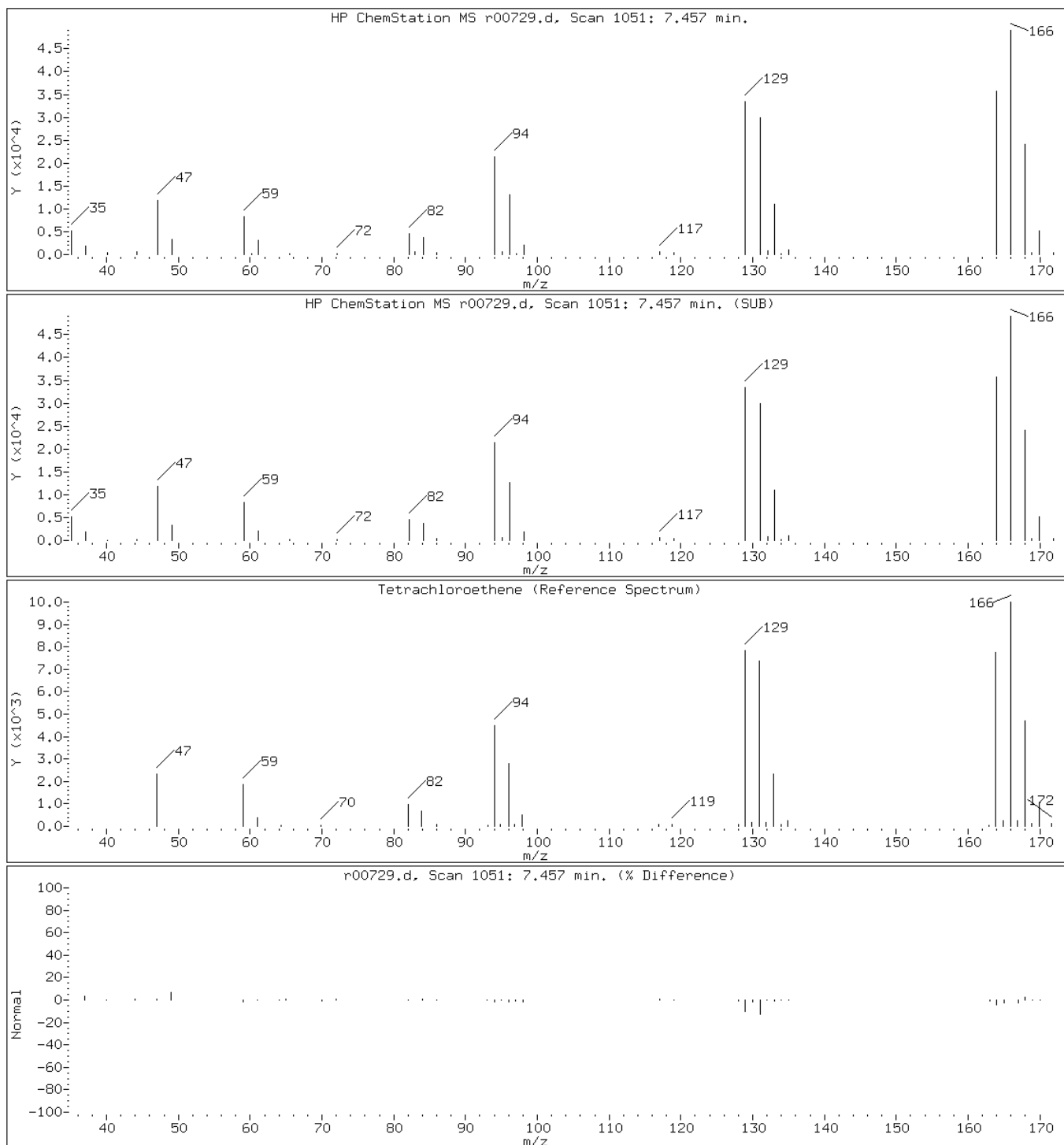
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

71 Tetrachloroethene



Data File: r00729.d

Date: 04-APR-2013 16:56

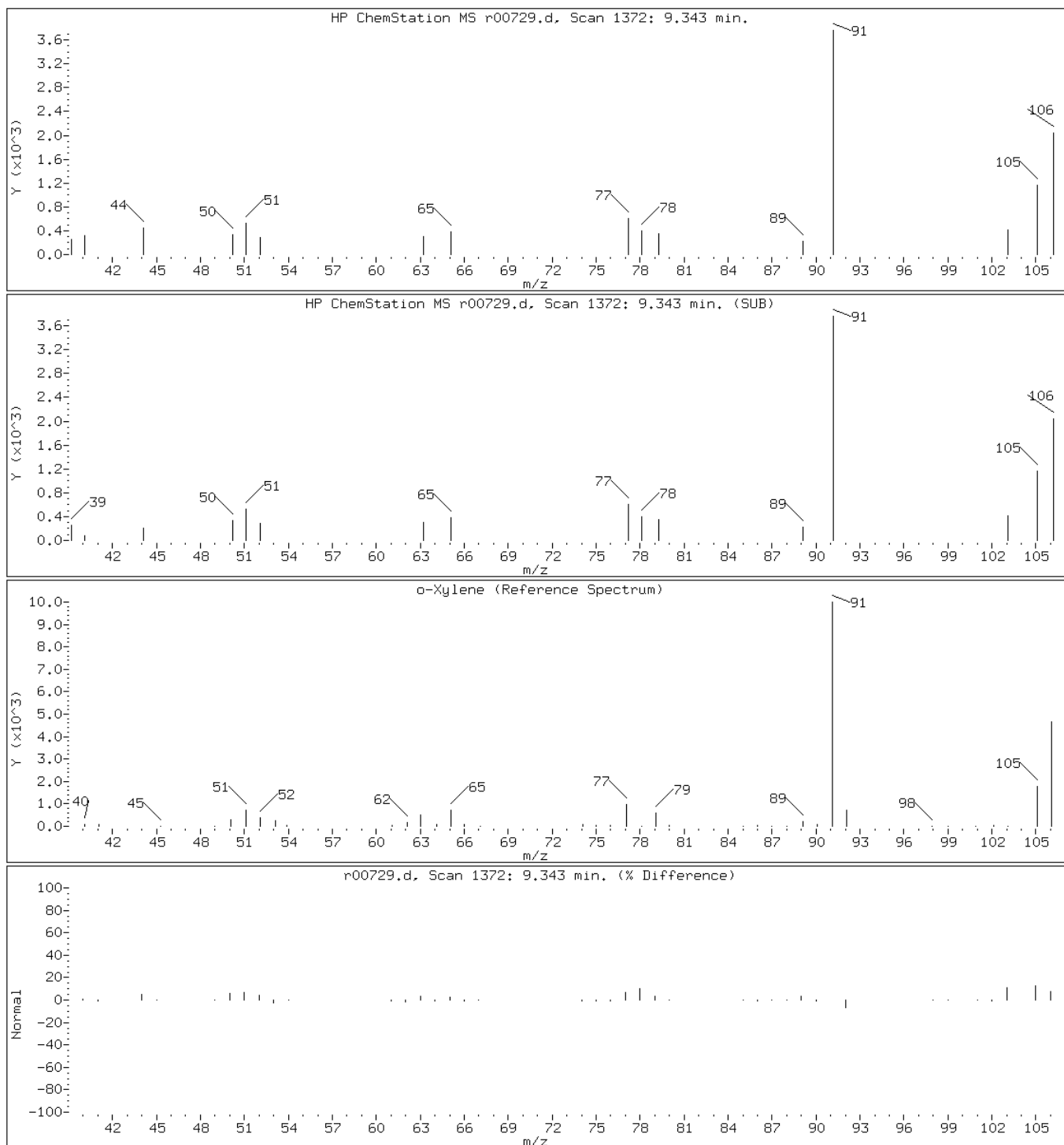
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

84 o-Xylene



Data File: r00729.d

Date: 04-APR-2013 16:56

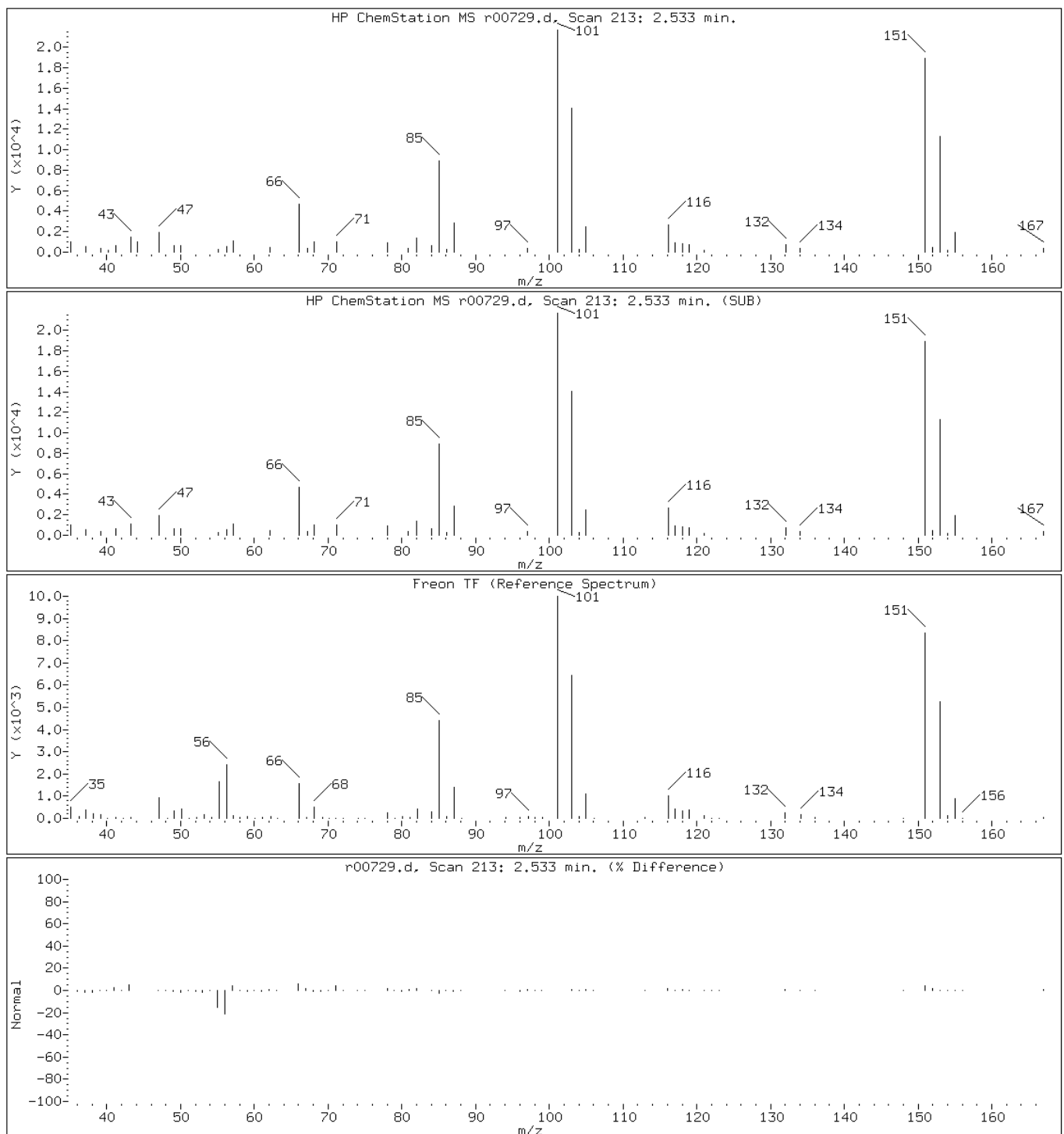
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

14 Freon TF



Data File: r00729.d

Date: 04-APR-2013 16:56

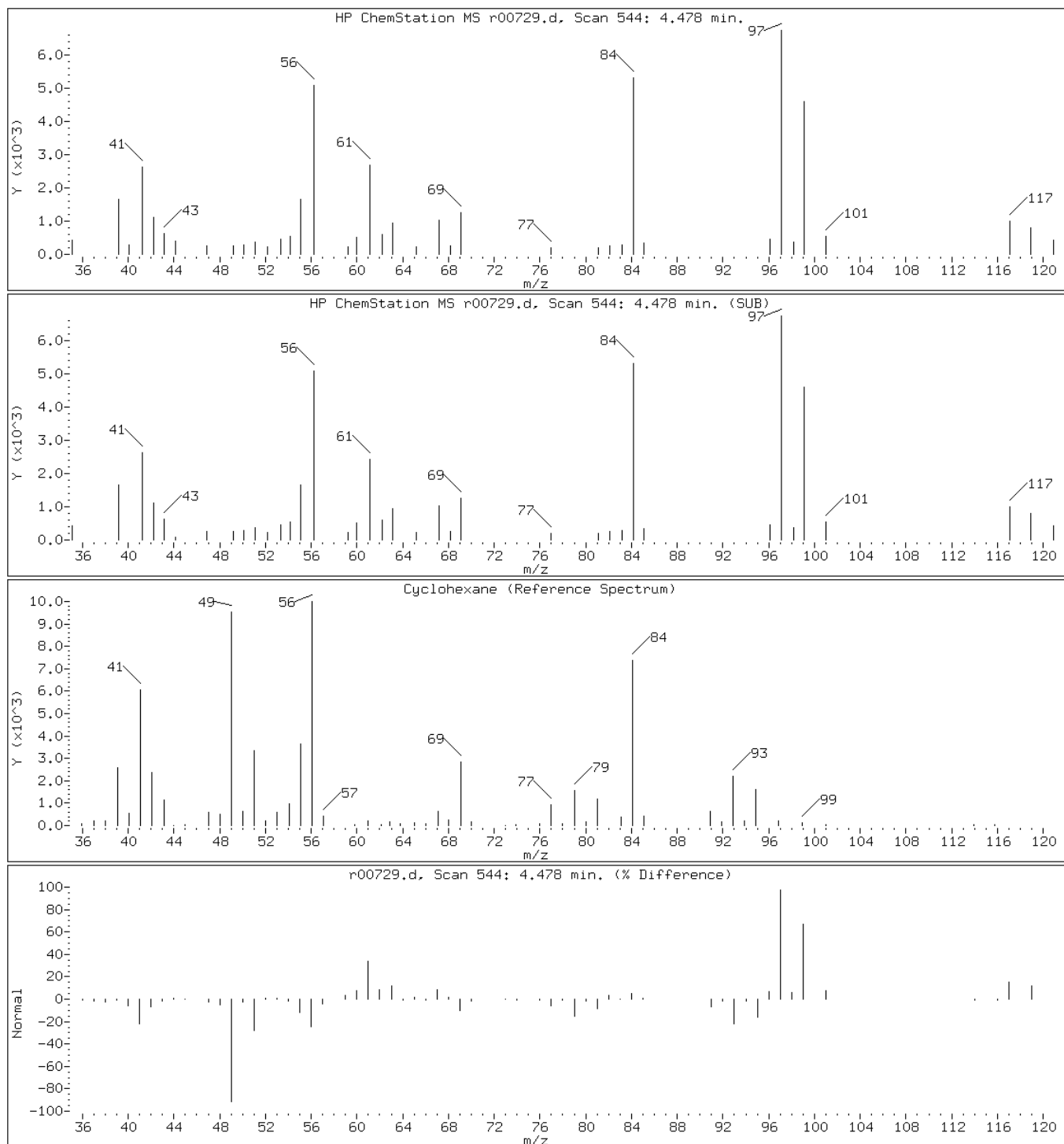
Client ID: BP3C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-3

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: DW1-CP-00-032813 Lab Sample ID: 460-53245-4

Matrix: Water Lab File ID: r00730.d

Analysis Method: 8260B Date Collected: 03/25/2013 08:32

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 17:22

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	11		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.21	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.88	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.69	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: DW1-CP-00-032813 Lab Sample ID: 460-53245-4
 Matrix: Water Lab File ID: r00730.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:32
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 17:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00730.d
 Report Date: 08-Apr-2013 14:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00730.d
 Lab Smp Id: 460-53245-A-4 Client Smp ID: DW1-CP-00-032813
 Inj Date : 04-APR-2013 17:22
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-4
 Misc Info : 460-53245-A-4
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 38
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
16 Acetone	58		2.656	2.656 (0.518)		4593	11.0342	11
24 TBA	59		3.056	3.067 (0.596)		3699	9.82571	9.8(a)
36 cis-1,2-Dichloroethene	96		4.072	4.078 (0.795)		938	0.20875	0.21(aH)
41 Tetrahydrofuran	42		4.301	4.301 (0.839)		1577	1.21278	1.2
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.848 (0.947)		172893	57.3994	57
* 52 Fluorobenzene	96		5.124	5.124 (1.000)		652071	50.0000	
54 Trichloroethene	95		5.465	5.471 (1.066)		3656	0.88473	0.88(a)
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775 (0.792)		425346	48.8471	49
71 Tetrachloroethene	166		7.457	7.456 (0.872)		2838	0.69297	0.69(a)
* 78 Chlorobenzene-d5	117		8.550	8.549 (1.000)		448151	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895 (0.917)		188645	48.3131	48
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794 (1.000)		263015	50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00730.d
Report Date: 08-Apr-2013 14:27

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00730.d

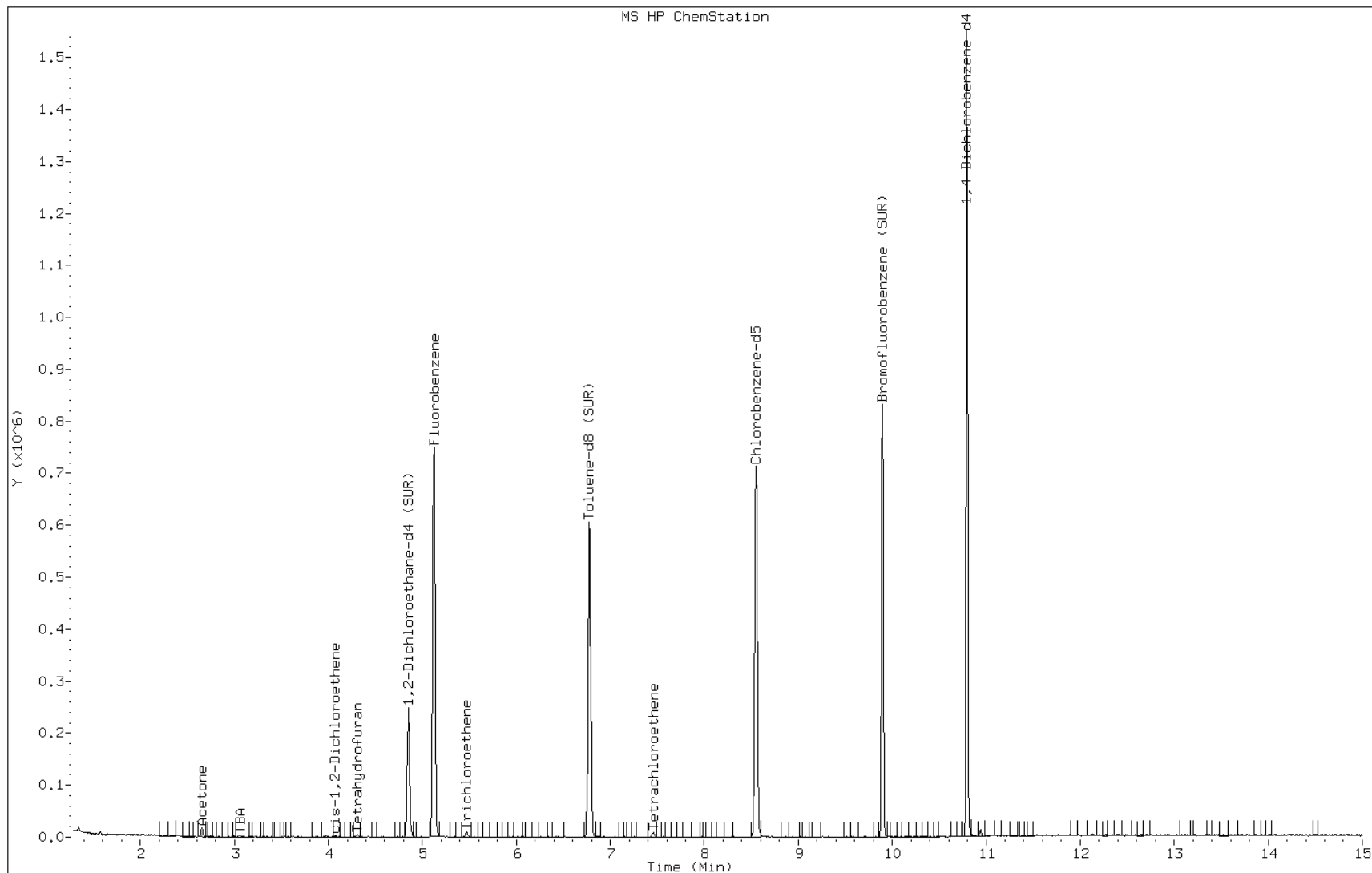
Date: 04-APR-2013 17:22

Client ID: DW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-4

Operator:



Data File: r00730.d

Date: 04-APR-2013 17:22

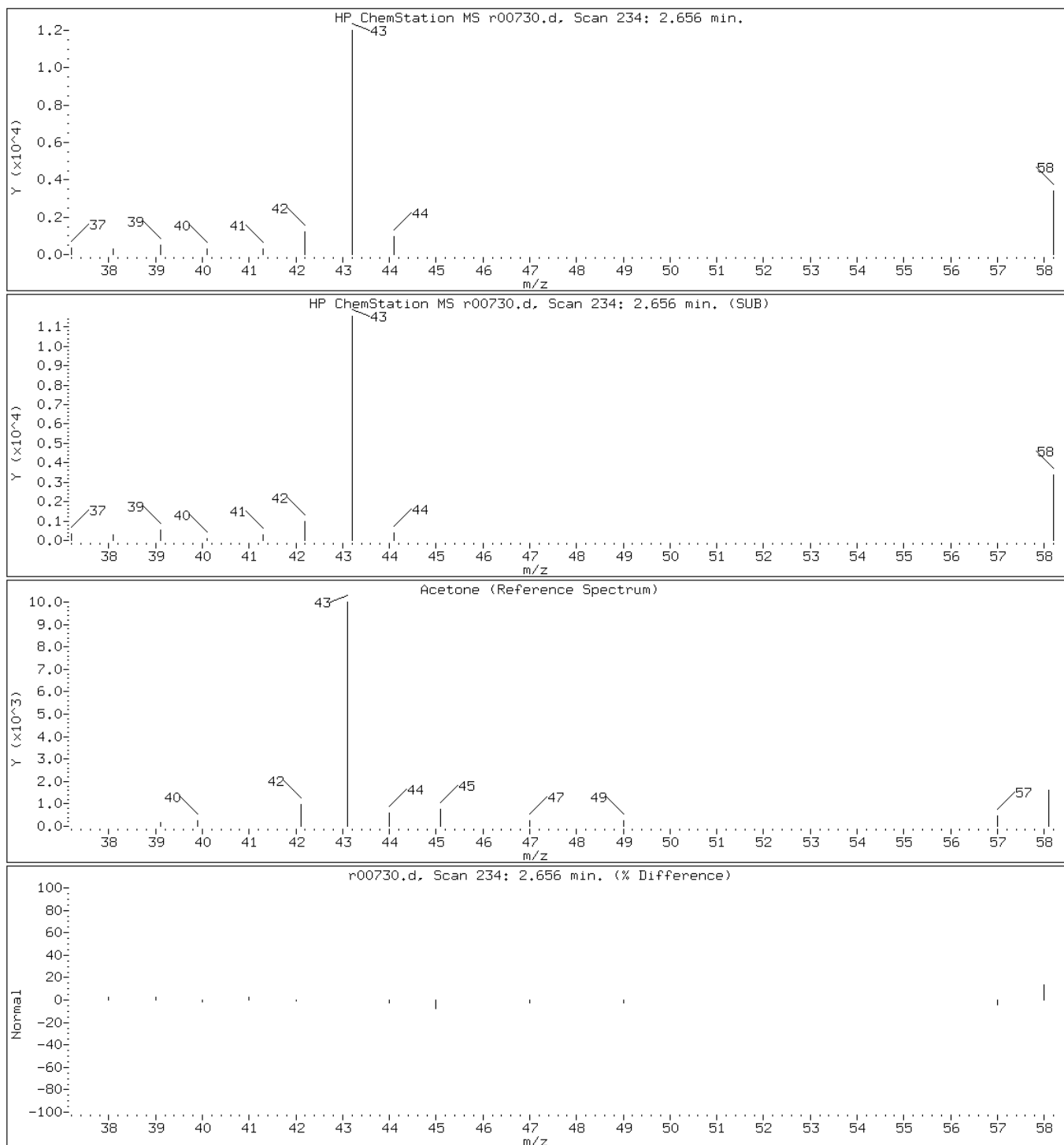
Client ID: DW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-4

Operator:

16 Acetone



Data File: r00730.d

Date: 04-APR-2013 17:22

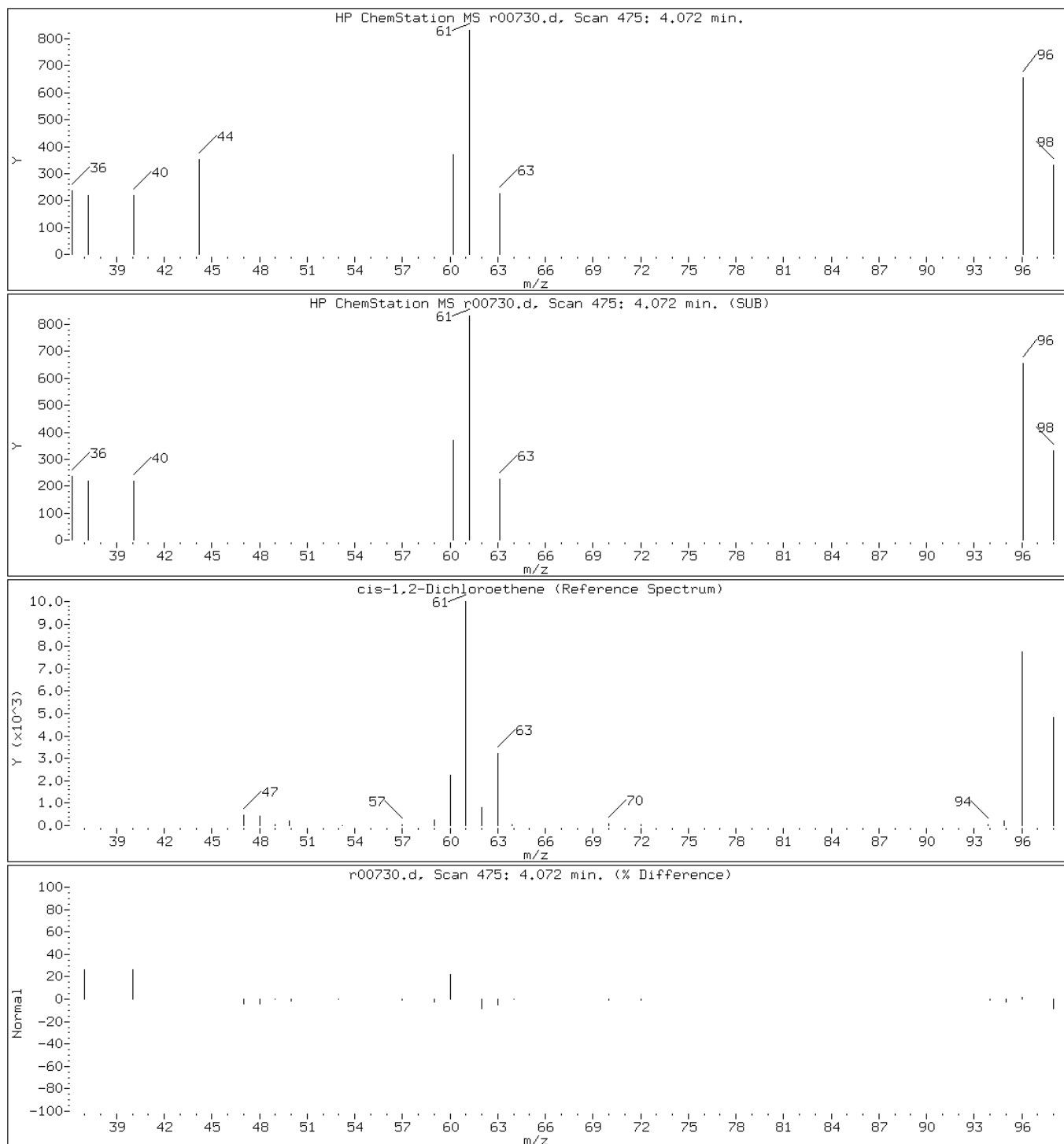
Client ID: DW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-4

Operator:

36 cis-1,2-Dichloroethene



Data File: r00730.d

Date: 04-APR-2013 17:22

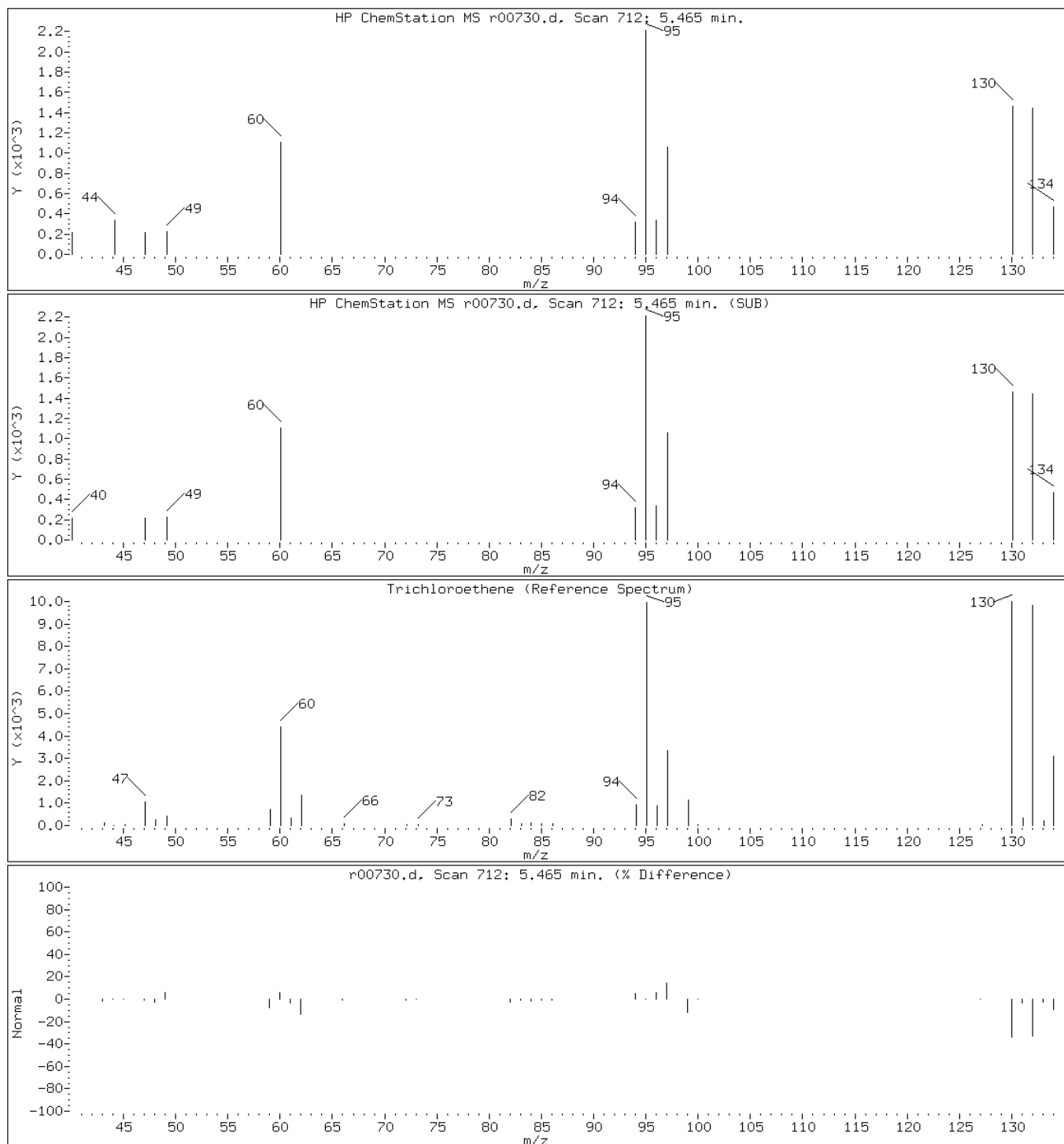
Client ID: DW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-4

Operator:

54 Trichloroethene



Data File: r00730.d

Date: 04-APR-2013 17:22

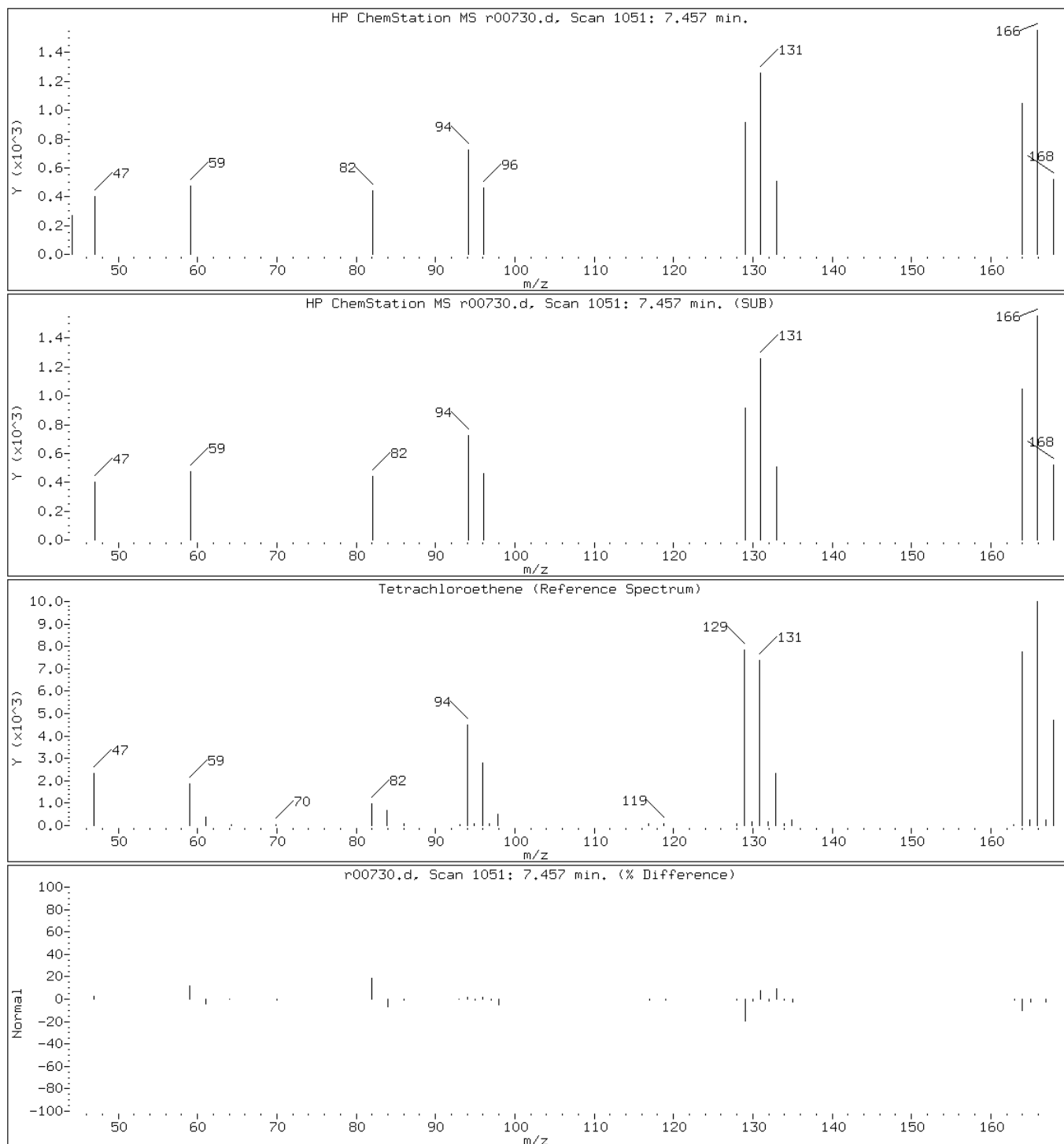
Client ID: DW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-4

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: DW2-CP-00-032813 Lab Sample ID: 460-53245-5

Matrix: Water Lab File ID: r00731.d

Analysis Method: 8260B Date Collected: 03/25/2013 08:10

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 17:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	20		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.24	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.1		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: DW2-CP-00-032813 Lab Sample ID: 460-53245-5
 Matrix: Water Lab File ID: r00731.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:10
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 17:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.6		1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00731.d
 Report Date: 04-Apr-2013 19:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00731.d
 Lab Smp Id: 460-53245-A-5 Client Smp ID: DW2-CP-00-032813
 Inj Date : 04-APR-2013 17:47
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-5
 Misc Info : 460-53245-A-5
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 39
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
16 Acetone	58	2.650	2.656	(0.517)	8401	20.4738	20	
36 cis-1,2-Dichloroethene	96	4.066	4.078	(0.794)	1077	0.24315	0.24(a)	
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1682	1.31220	1.3	
44 Cyclohexane	56	4.472	4.478	(0.873)	9662	1.55452	1.6	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	176954	59.5956	60	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	642793	50.0000		
54 Trichloroethene	95	5.471	5.471	(1.068)	4445	1.09119	1.1	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	422123	49.0268	49	
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	443125	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	185414	48.5981	48	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	256994	50.0000		

QC Flag Legend

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

Data File: r00731.d

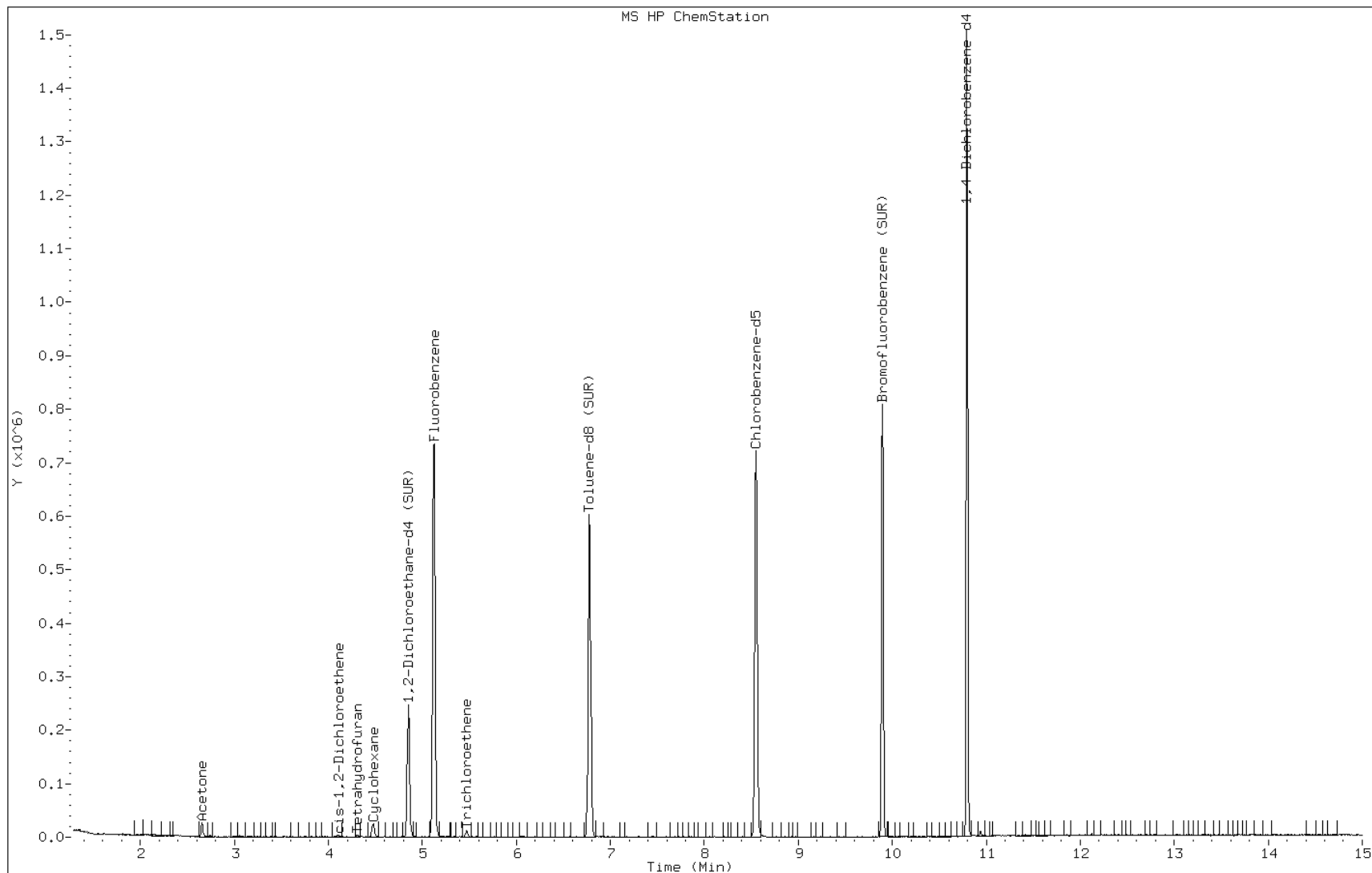
Date: 04-APR-2013 17:47

Client ID: DW2-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-5

Operator:



Data File: r00731.d

Date: 04-APR-2013 17:47

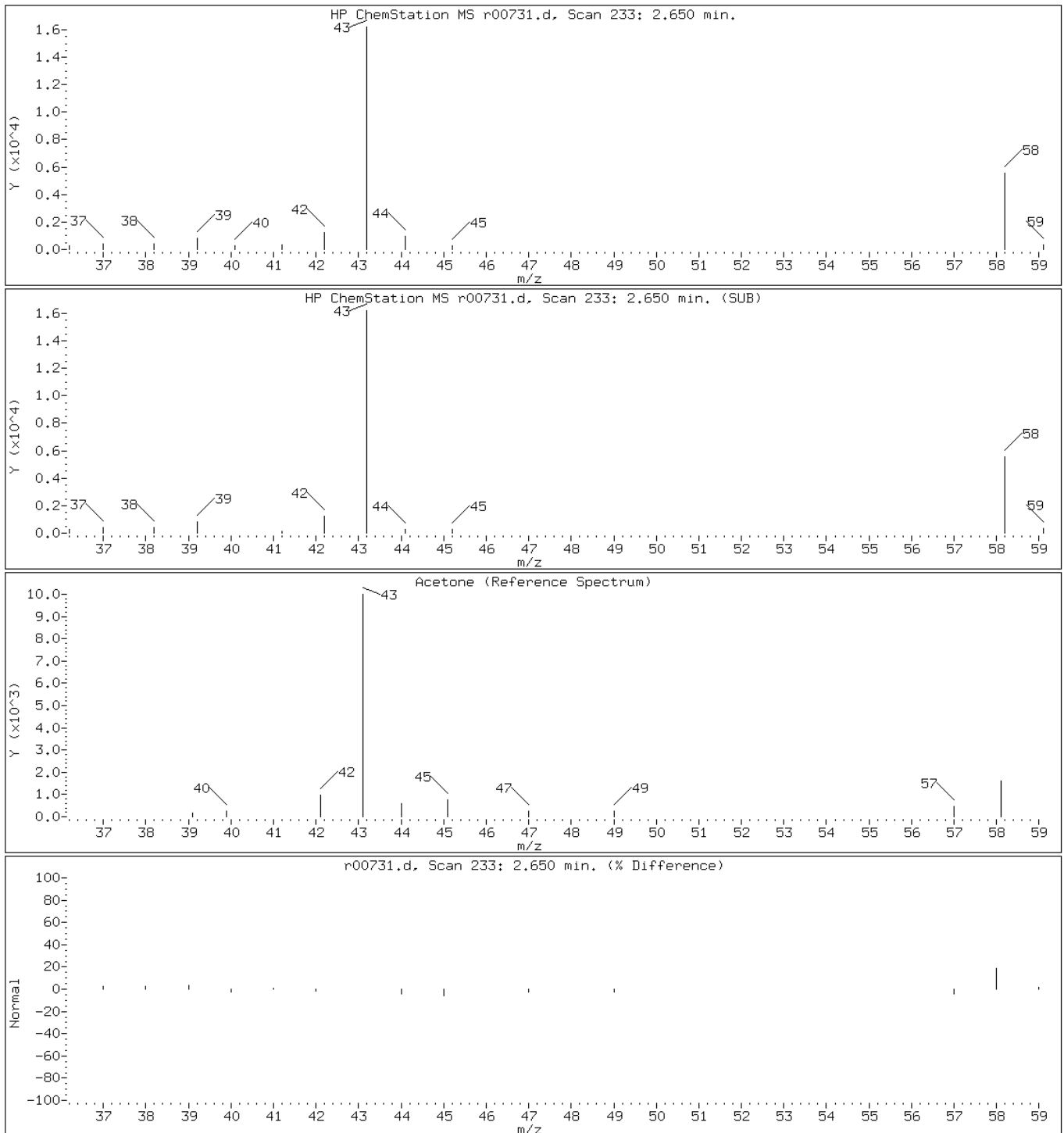
Client ID: DW2-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-5

Operator:

16 Acetone



Data File: r00731.d

Date: 04-APR-2013 17:47

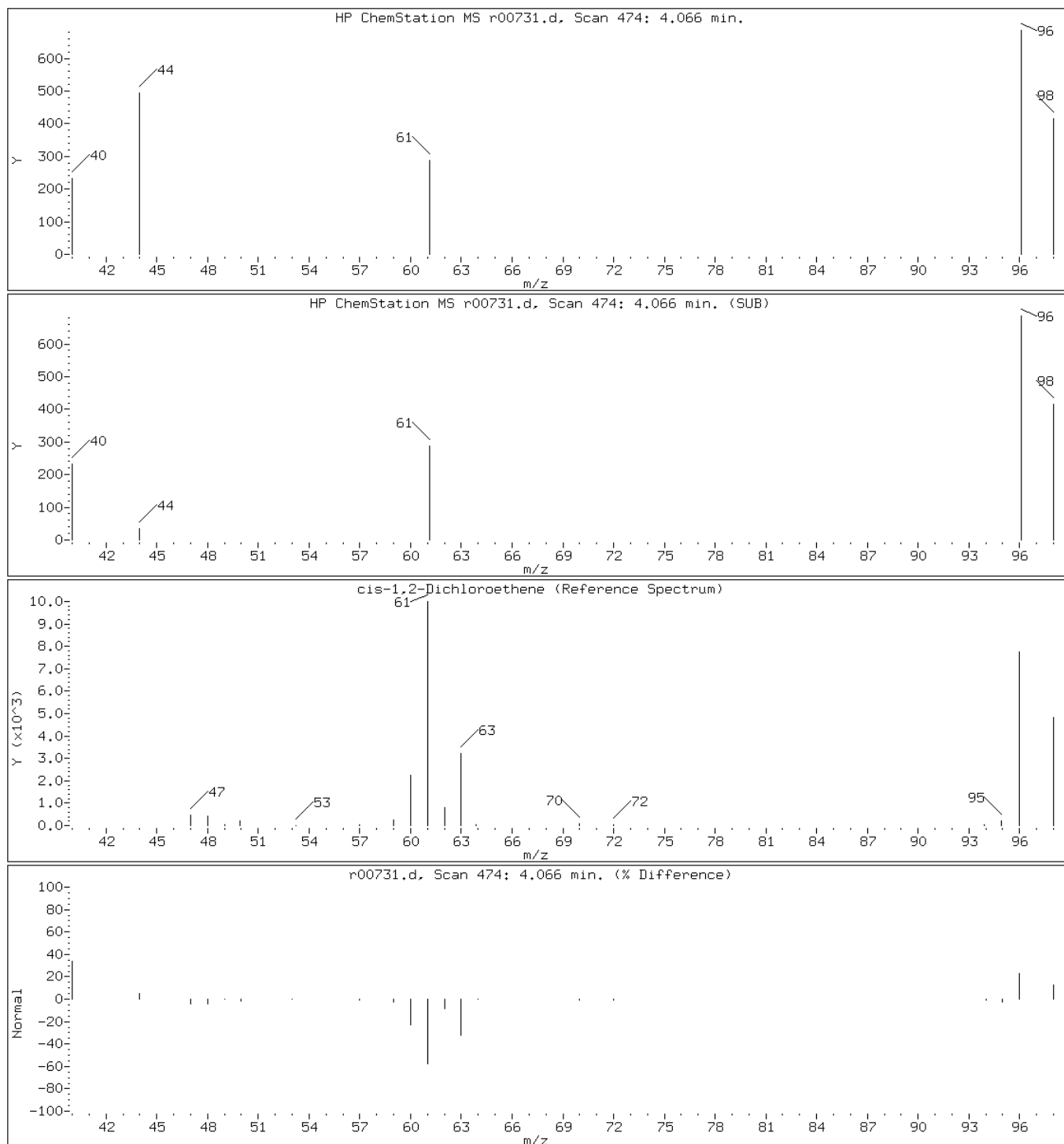
Client ID: DW2-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-5

Operator:

36 cis-1,2-Dichloroethene



Data File: r00731.d

Date: 04-APR-2013 17:47

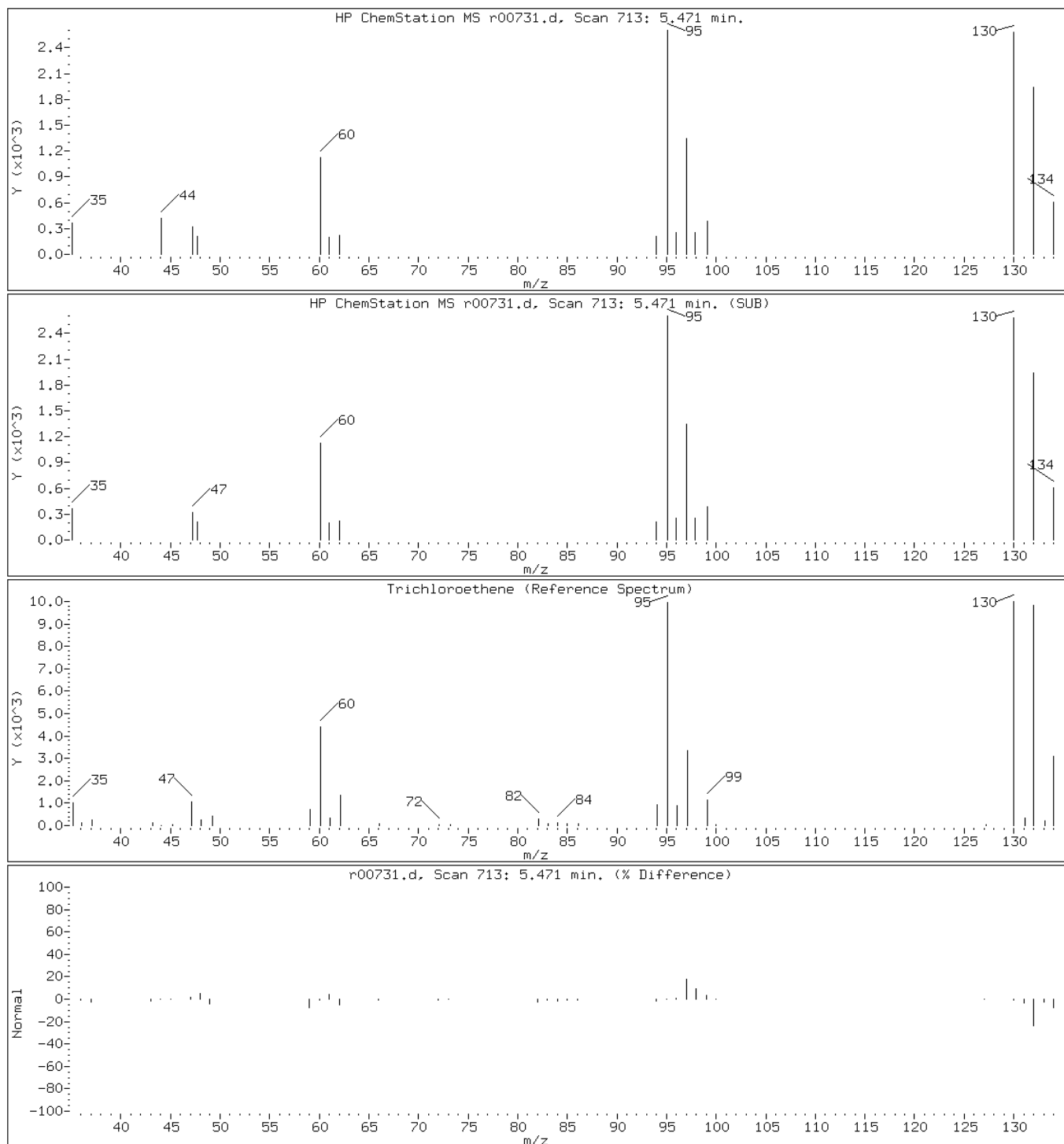
Client ID: DW2-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-5

Operator:

54 Trichloroethene



Data File: r00731.d

Date: 04-APR-2013 17:47

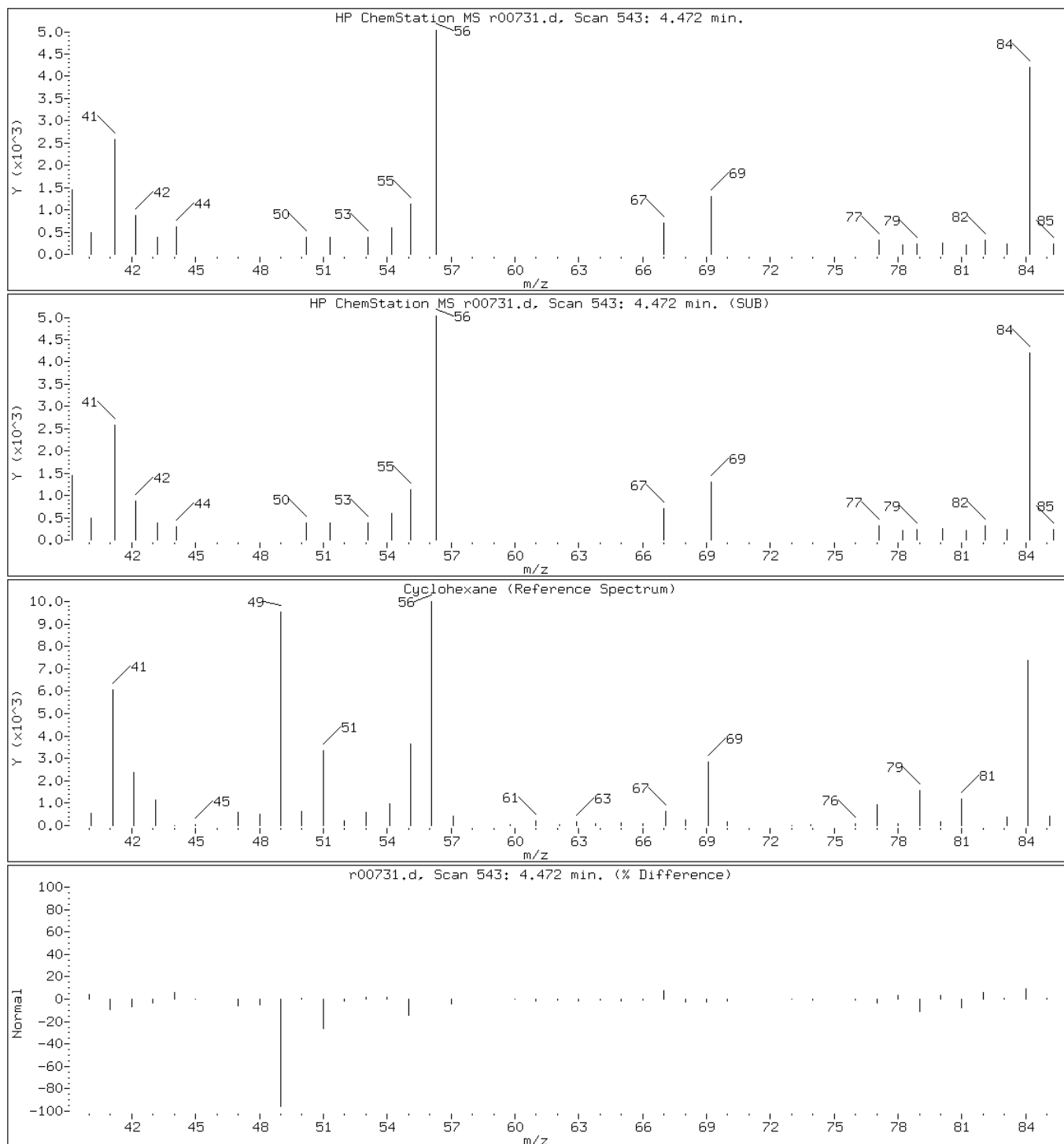
Client ID: DW2-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-5

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW01A-CP-00-032813 Lab Sample ID: 460-53245-6

Matrix: Water Lab File ID: r00732.d

Analysis Method: 8260B Date Collected: 03/26/2013 08:24

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 18:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	16		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.17	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	9.9		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	3.2		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	5.5		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW01A-CP-00-032813 Lab Sample ID: 460-53245-6
 Matrix: Water Lab File ID: r00732.d
 Analysis Method: 8260B Date Collected: 03/26/2013 08:24
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 18:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00732.d
 Report Date: 04-Apr-2013 20:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00732.d
 Lab Smp Id: 460-53245-A-6 Client Smp ID: EW01A-CP-00-032813
 Inj Date : 04-APR-2013 18:13
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-6
 Misc Info : 460-53245-A-6
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 40
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
16 Acetone	58	2.650	2.656	(0.517)	6298	15.5107	16	
25 trans-1,2-Dichloroethene	96	3.185	3.179	(0.622)	675	0.17168	0.17(a)	
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	43573	9.94114	9.9	
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	2130	1.67924	1.7	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.946)	174757	59.4771	59	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	636077	50.0000		
54 Trichloroethene	95	5.465	5.471	(1.066)	12702	3.15111	3.2	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	420098	49.5702	50	
71 Tetrachloroethene	166	7.457	7.456	(0.872)	21884	5.49036	5.5	
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	436165	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	183720	48.9460	49	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	252836	50.0000		
M 120 1,2-Dichloroethene (Total)	100				44248	10.1128	10	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00732.d
Report Date: 04-Apr-2013 20:59

QC Flag Legend

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

Data File: r00732.d

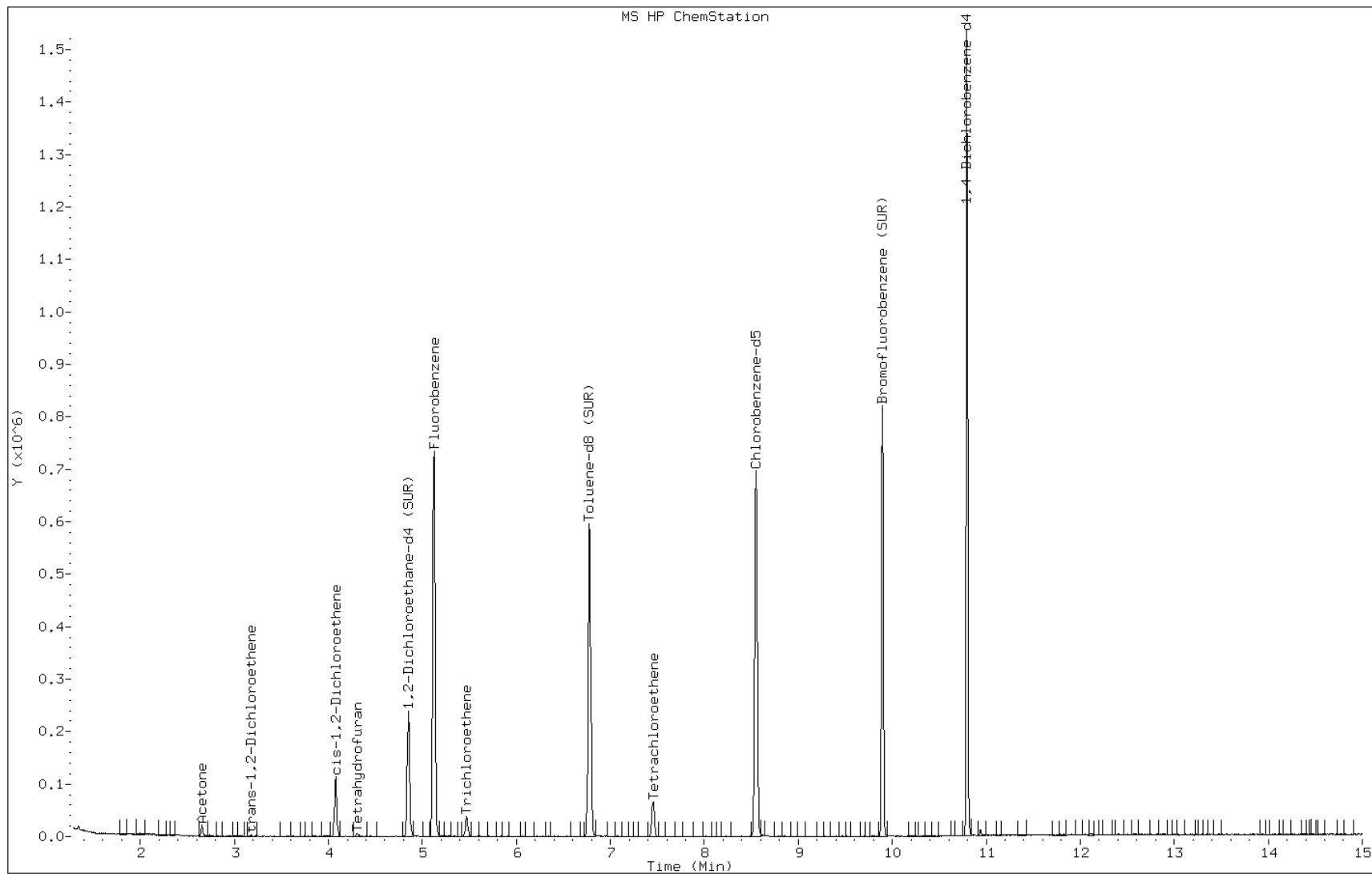
Date: 04-APR-2013 18:13

Client ID: EW01A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-6

Operator:



Data File: r00732.d

Date: 04-APR-2013 18:13

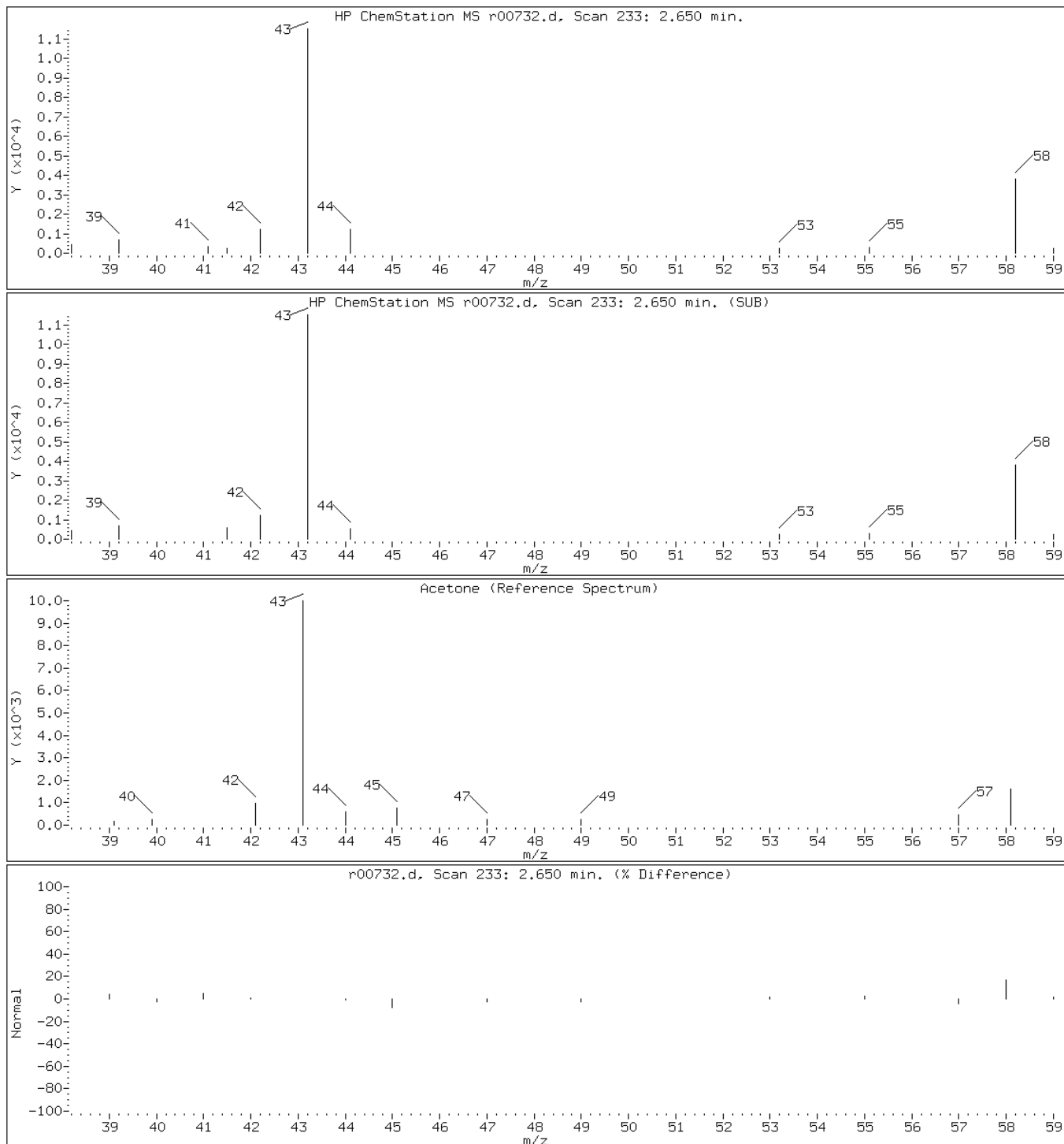
Client ID: EW01A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-6

Operator:

16 Acetone



Data File: r00732.d

Date: 04-APR-2013 18:13

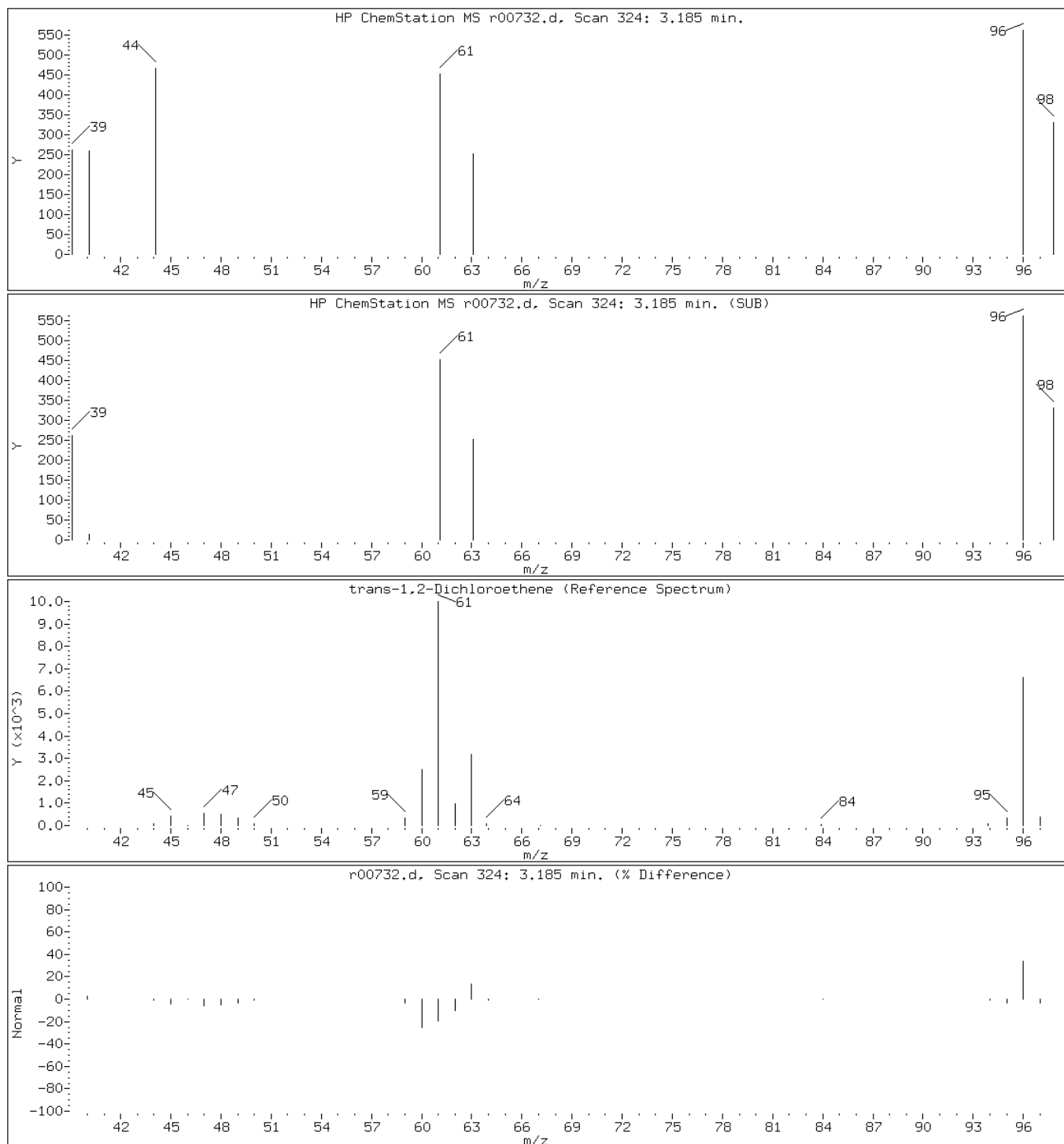
Client ID: EW01A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-6

Operator:

25 trans-1,2-Dichloroethene



Data File: r00732.d

Date: 04-APR-2013 18:13

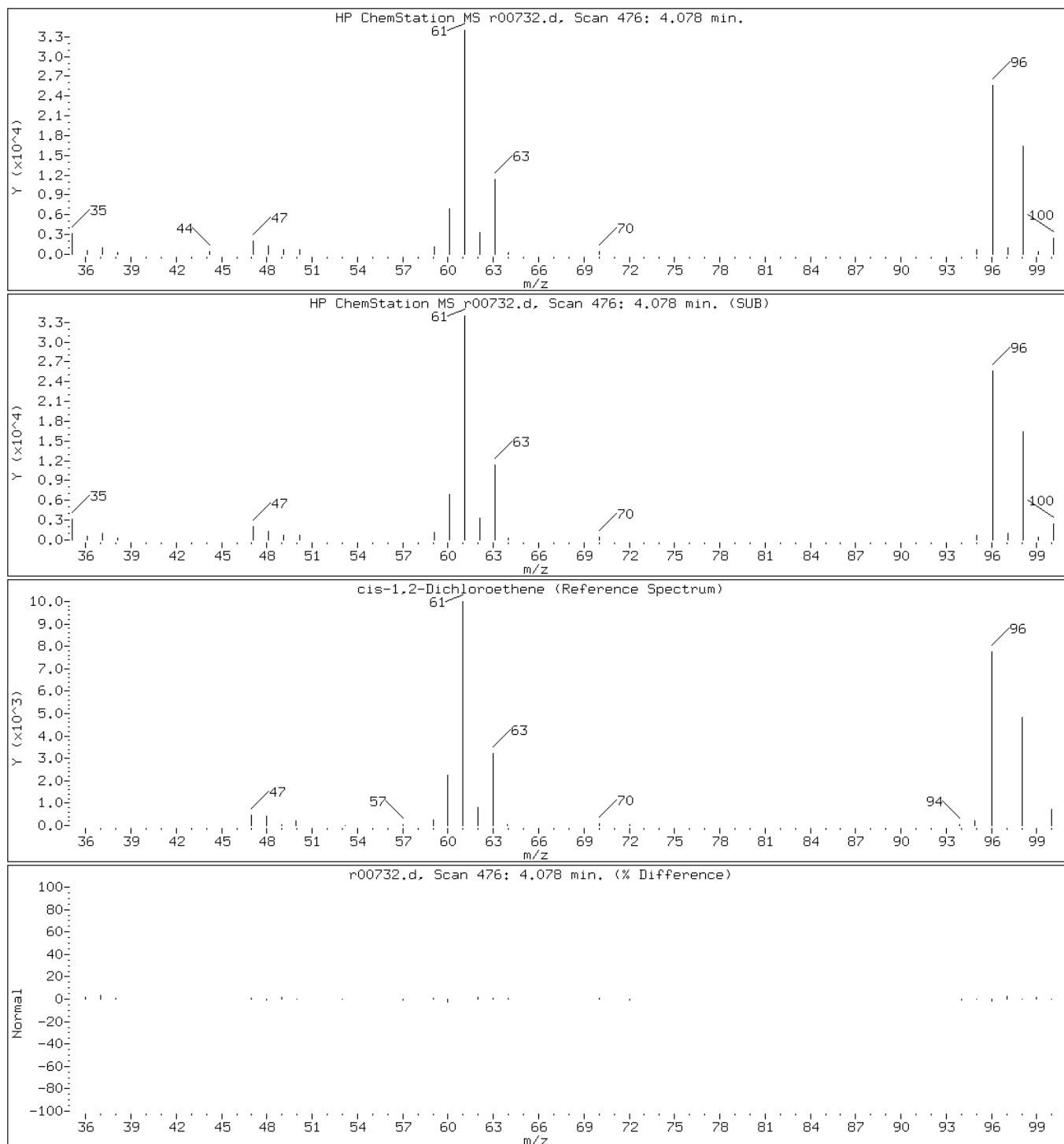
Client ID: EW01A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-6

Operator:

36 cis-1,2-Dichloroethene



Data File: r00732.d

Date: 04-APR-2013 18:13

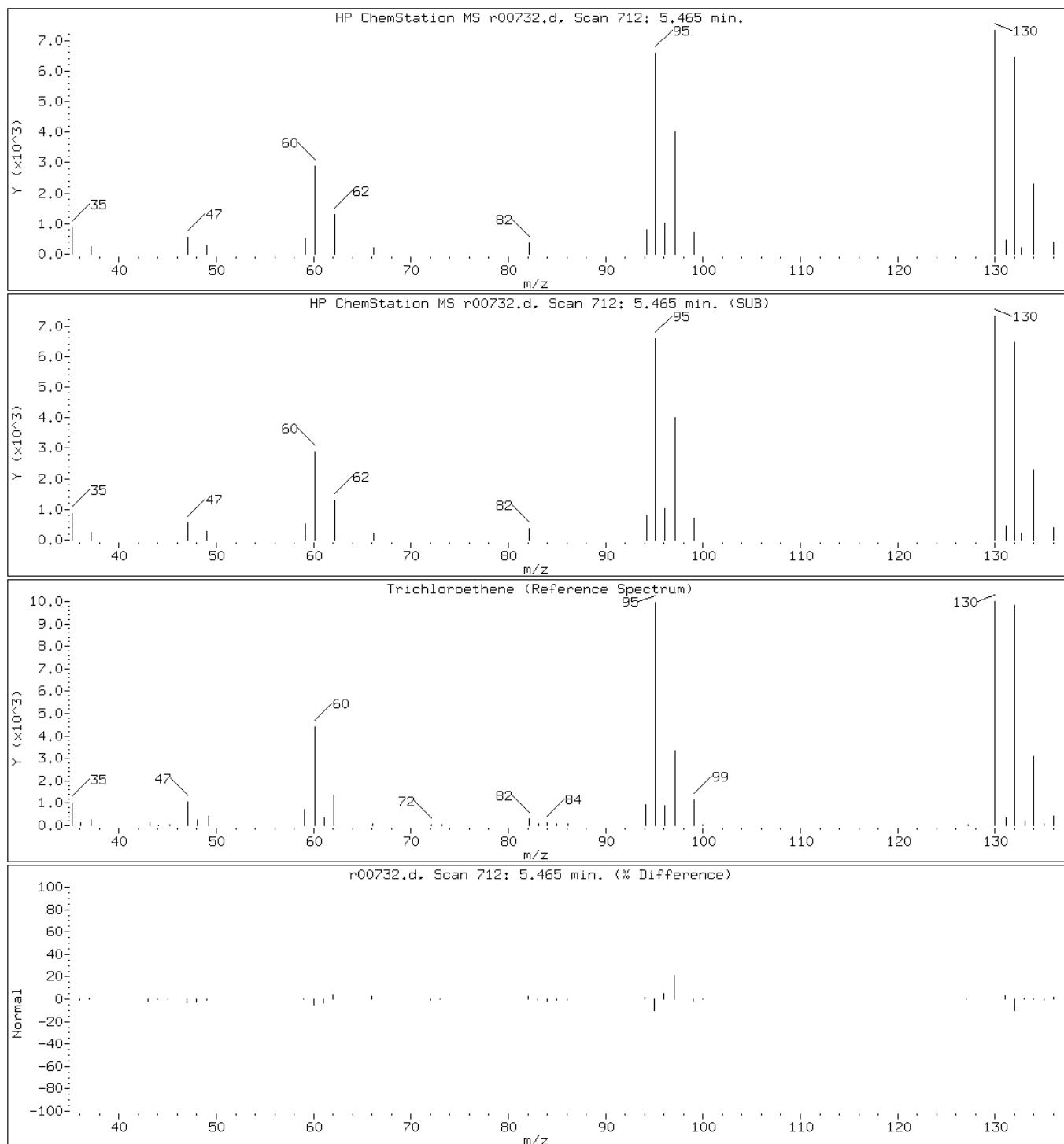
Client ID: EW01A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-6

Operator:

54 Trichloroethene



Data File: r00732.d

Date: 04-APR-2013 18:13

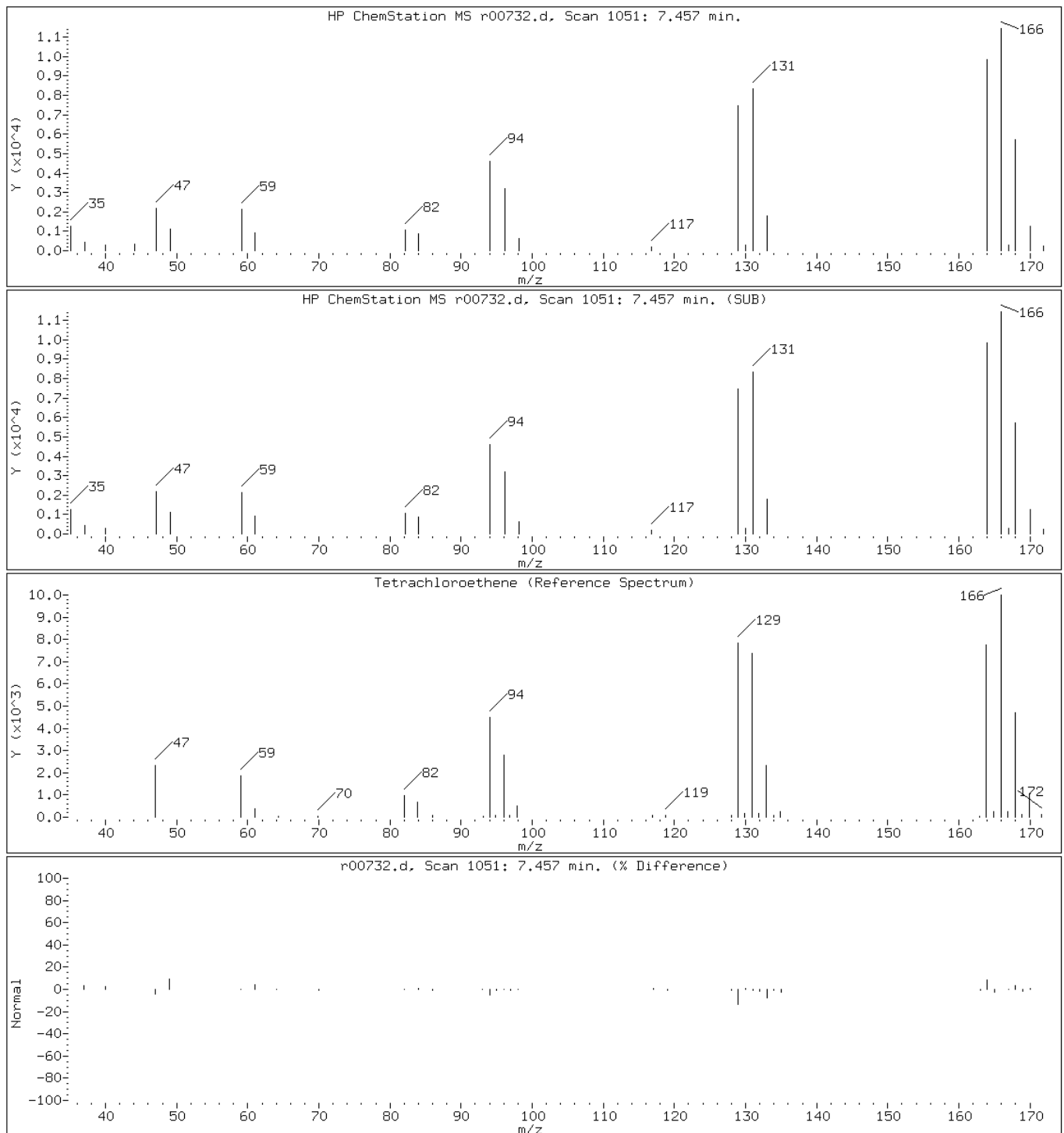
Client ID: EW01A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-6

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW01A-CP-01-032813 Lab Sample ID: 460-53245-7

Matrix: Water Lab File ID: r00733.d

Analysis Method: 8260B Date Collected: 03/26/2013 08:24

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 18:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	9.4		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	3.1		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	5.1		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW01A-CP-01-032813 Lab Sample ID: 460-53245-7
 Matrix: Water Lab File ID: r00733.d
 Analysis Method: 8260B Date Collected: 03/26/2013 08:24
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 18:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00733.d
 Report Date: 08-Apr-2013 14:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00733.d
 Lab Smp Id: 460-53245-A-7 Client Smp ID: EW01A-CP-01-032813
 Inj Date : 04-APR-2013 18:38
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-7
 Misc Info : 460-53245-A-7
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 41
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
16 Acetone	58	2.656	2.656	(0.518)	5560	13.5939	14
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	41685	9.44144	9.4
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1956	1.53089	1.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	171853	58.0647	58
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	640722	50.0000	
54 Trichloroethene	95	5.471	5.471	(1.068)	12462	3.06916	3.1
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	412838	48.6525	49
71 Tetrachloroethene	166	7.457	7.456	(0.872)	20490	5.13419	5.1
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	436712	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	184556	48.8130	49
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	254679	50.0000	
M 120 1,2-Dichloroethene (Total)	100				41685	9.44144	9.4

Data File: r00733.d

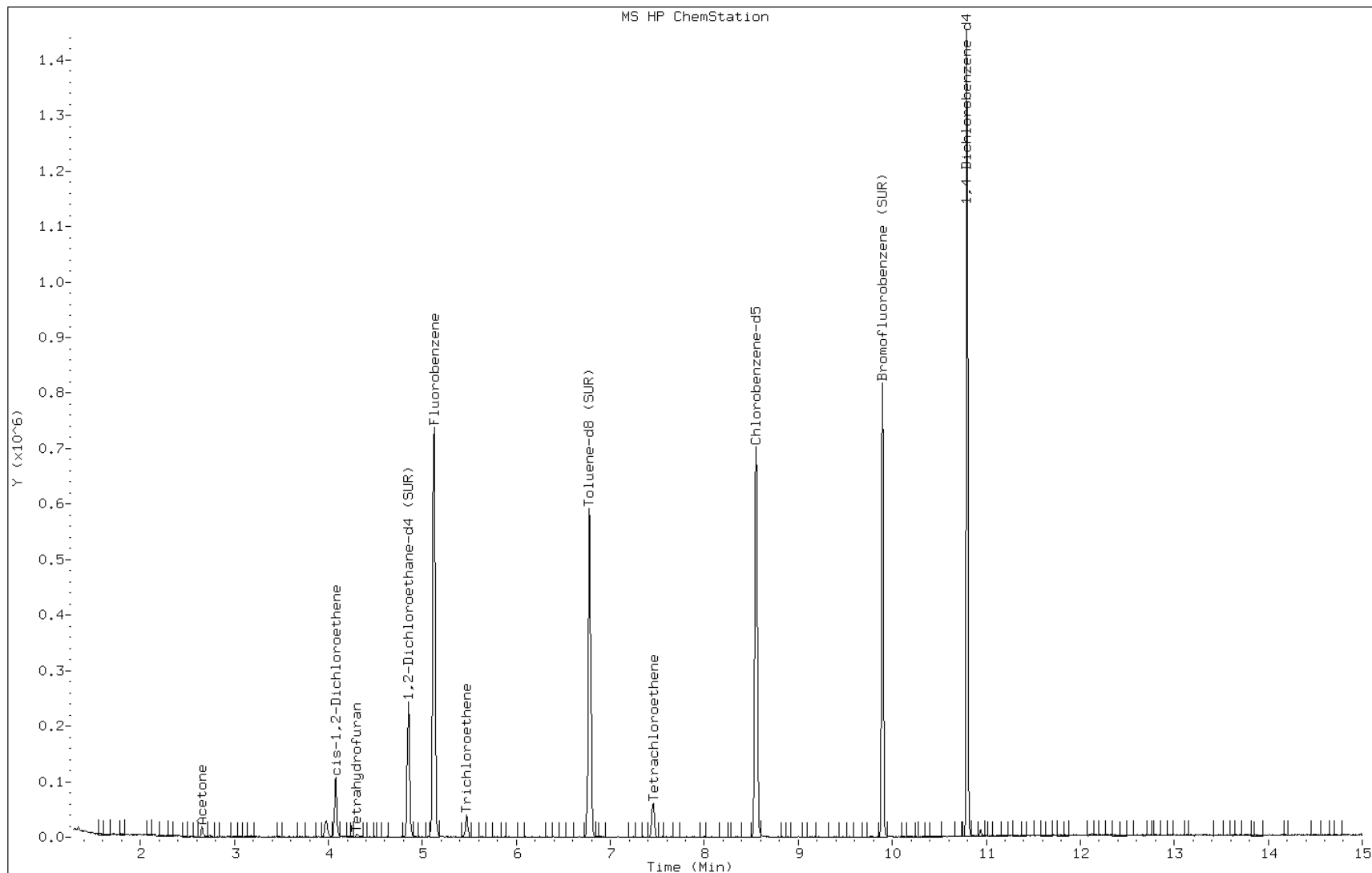
Date: 04-APR-2013 18:38

Client ID: EW01A-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-7

Operator:



Data File: r00733.d

Date: 04-APR-2013 18:38

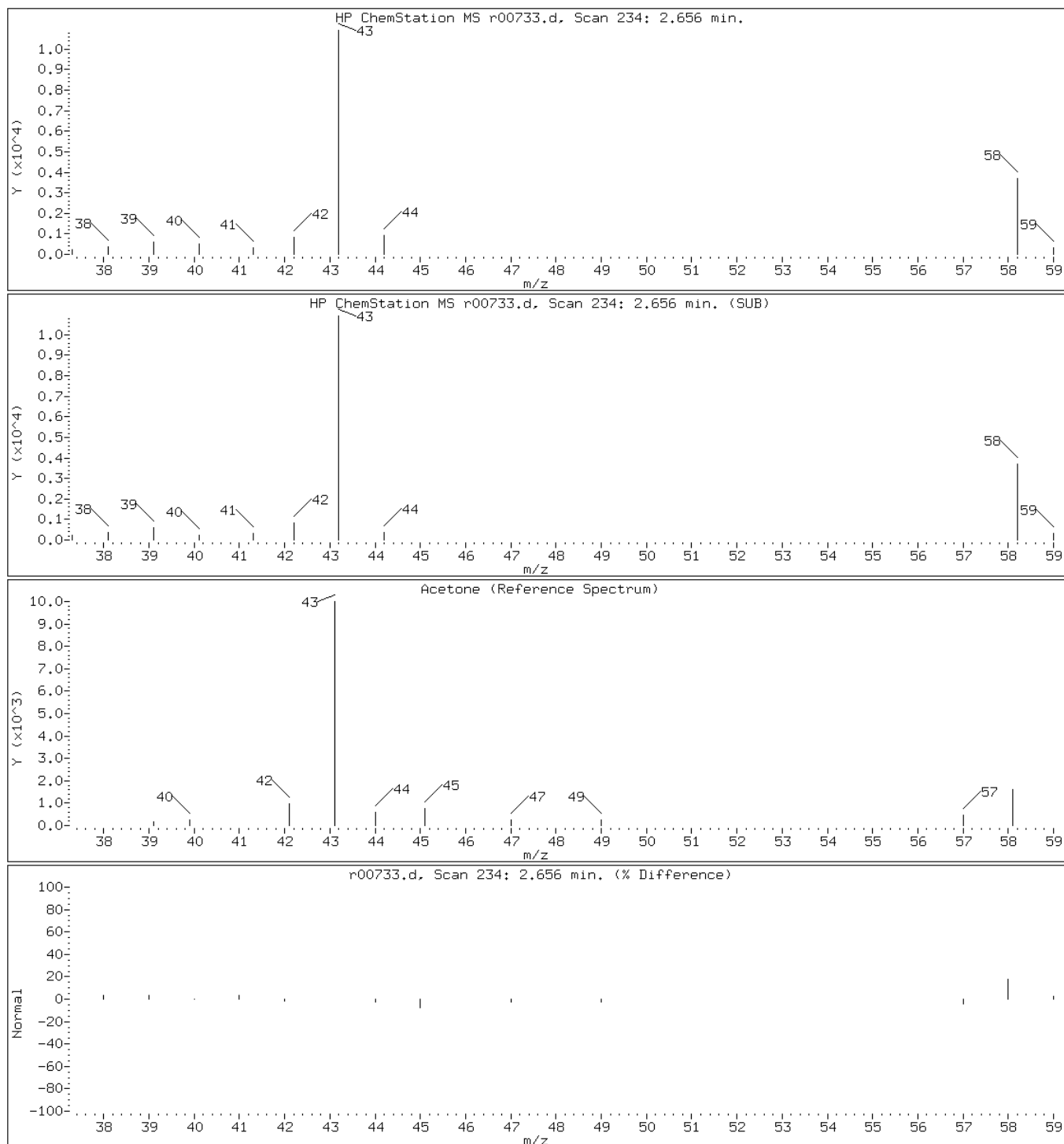
Client ID: EW01A-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-7

Operator:

16 Acetone



Data File: r00733.d

Date: 04-APR-2013 18:38

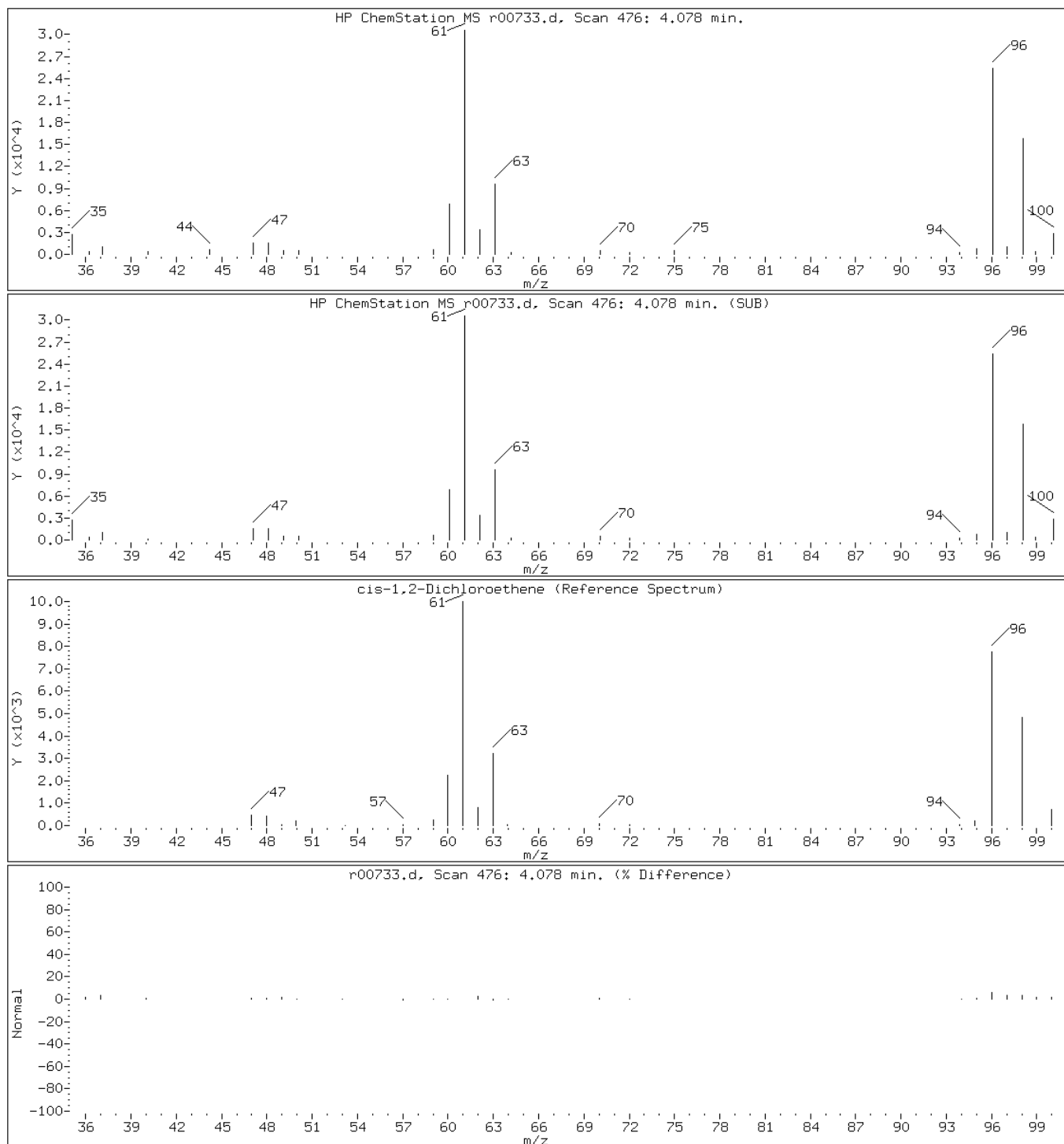
Client ID: EW01A-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-7

Operator:

36 cis-1,2-Dichloroethene



Data File: r00733.d

Date: 04-APR-2013 18:38

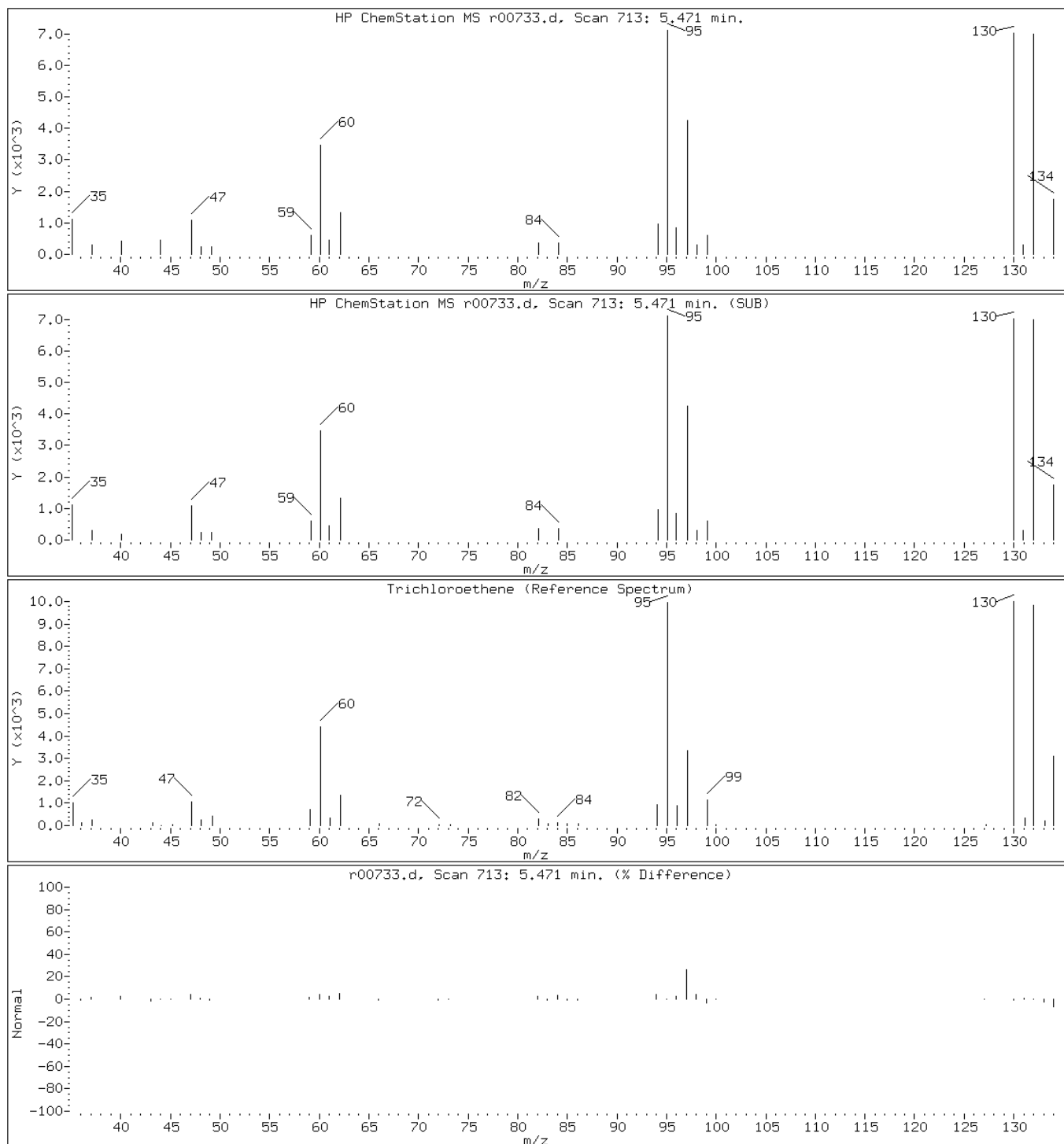
Client ID: EW01A-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-7

Operator:

54 Trichloroethene



Data File: r00733.d

Date: 04-APR-2013 18:38

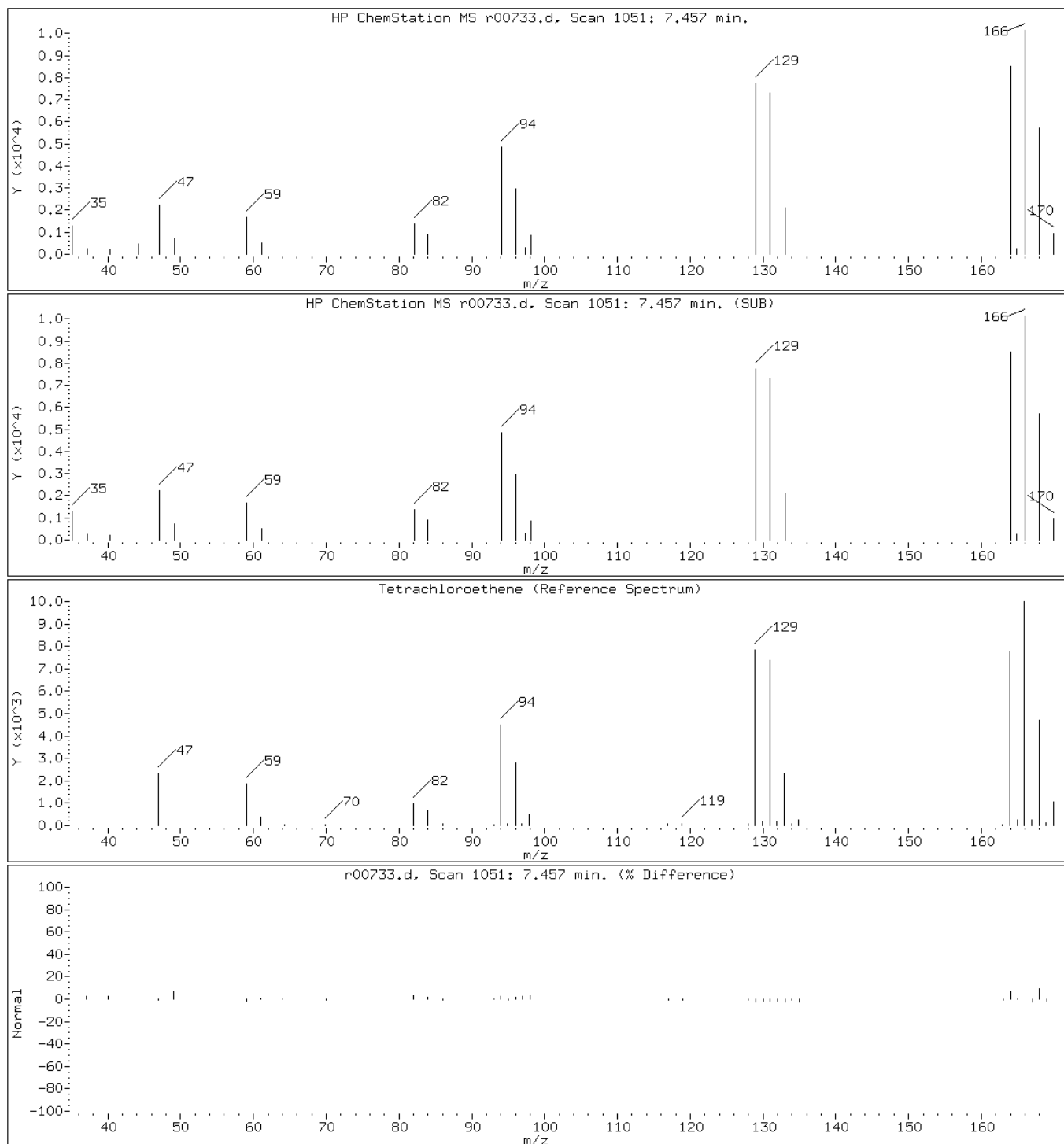
Client ID: EW01A-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-7

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW01B-CP-00-032813 Lab Sample ID: 460-53245-8

Matrix: Water Lab File ID: r00734.d

Analysis Method: 8260B Date Collected: 03/26/2013 08:40

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 19:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	0.14	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.40	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.47	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.24	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW01B-CP-00-032813 Lab Sample ID: 460-53245-8
 Matrix: Water Lab File ID: r00734.d
 Analysis Method: 8260B Date Collected: 03/26/2013 08:40
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 19:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.2		1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00734.d
 Report Date: 08-Apr-2013 14:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00734.d
 Lab Smp Id: 460-53245-A-8 Client Smp ID: EW01B-CP-00-032813
 Inj Date : 04-APR-2013 19:03
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-8
 Misc Info : 460-53245-A-8
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 42
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone	58		2.656	2.656	(0.518)	5596	14.1073	14
18 Carbon Disulfide	76		2.738	2.738	(0.534)	1656	0.14245	0.14(a)
36 cis-1,2-Dichloroethene	96		4.078	4.078	(0.796)	1701	0.39732	0.40(a)
41 Tetrahydrofuran	42		4.307	4.301	(0.841)	2281	1.84114	1.8
44 Cyclohexane	56		4.484	4.478	(0.875)	7424	1.23549	1.2
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.848	(0.947)	168330	58.6363	59
* 52 Fluorobenzene	96		5.124	5.124	(1.000)	621472	50.0000	(H)
54 Trichloroethene	95		5.476	5.471	(1.069)	1853	0.47053	0.47(a)
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775	(0.792)	408898	48.8059	49
71 Tetrachloroethene	166		7.457	7.456	(0.872)	961	0.24395	0.24(a)
* 78 Chlorobenzene-d5	117		8.549	8.549	(1.000)	431185	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895	(0.917)	176692	47.2336	47
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794	(1.000)	251980	50.0000	
M 120 1,2-Dichloroethene (Total)	100					1701	0.39732	0.40(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00734.d
Report Date: 08-Apr-2013 14:34

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00734.d

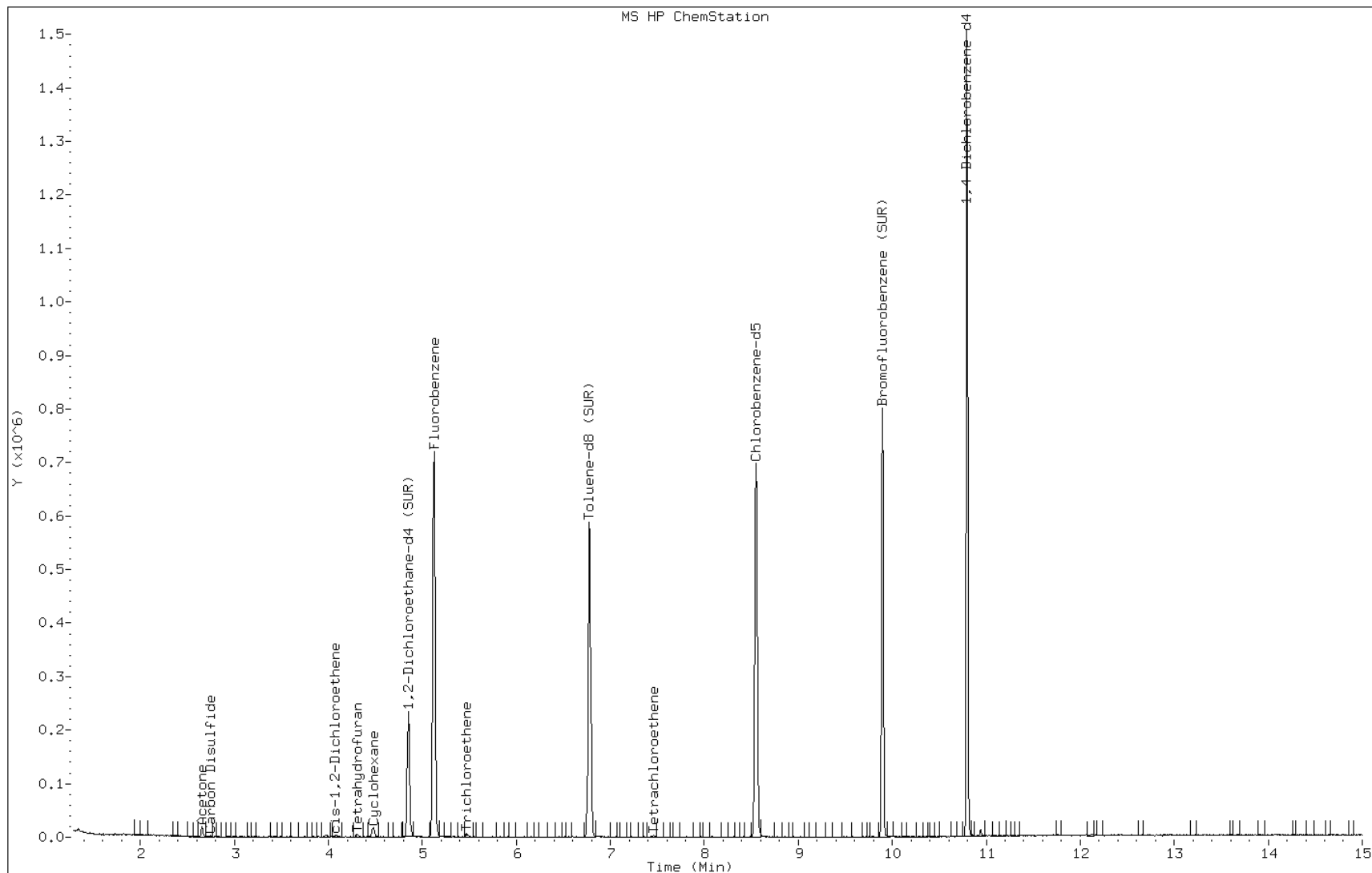
Date: 04-APR-2013 19:03

Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:



Data File: r00734.d

Date: 04-APR-2013 19:03

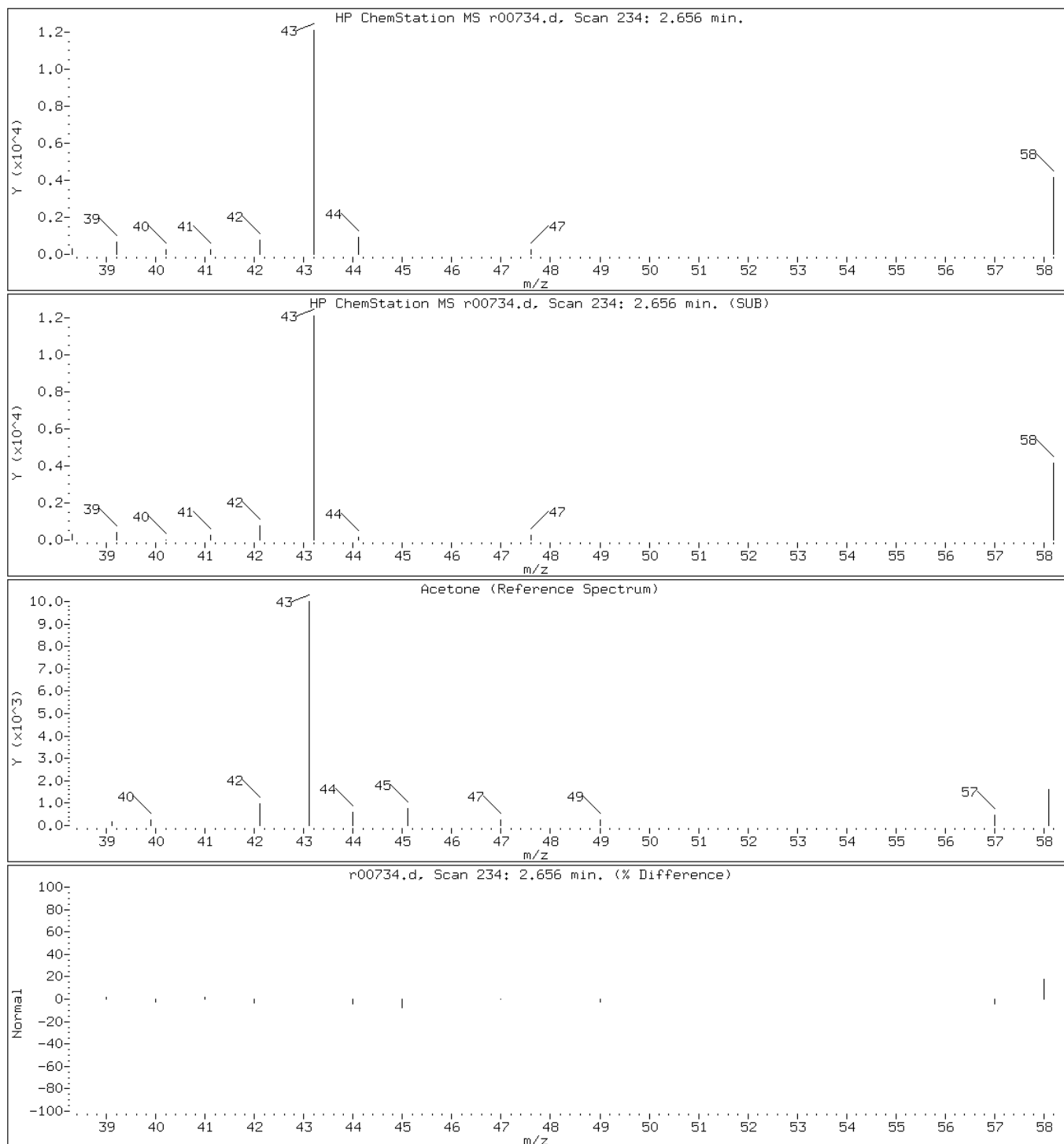
Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:

16 Acetone



Data File: r00734.d

Date: 04-APR-2013 19:03

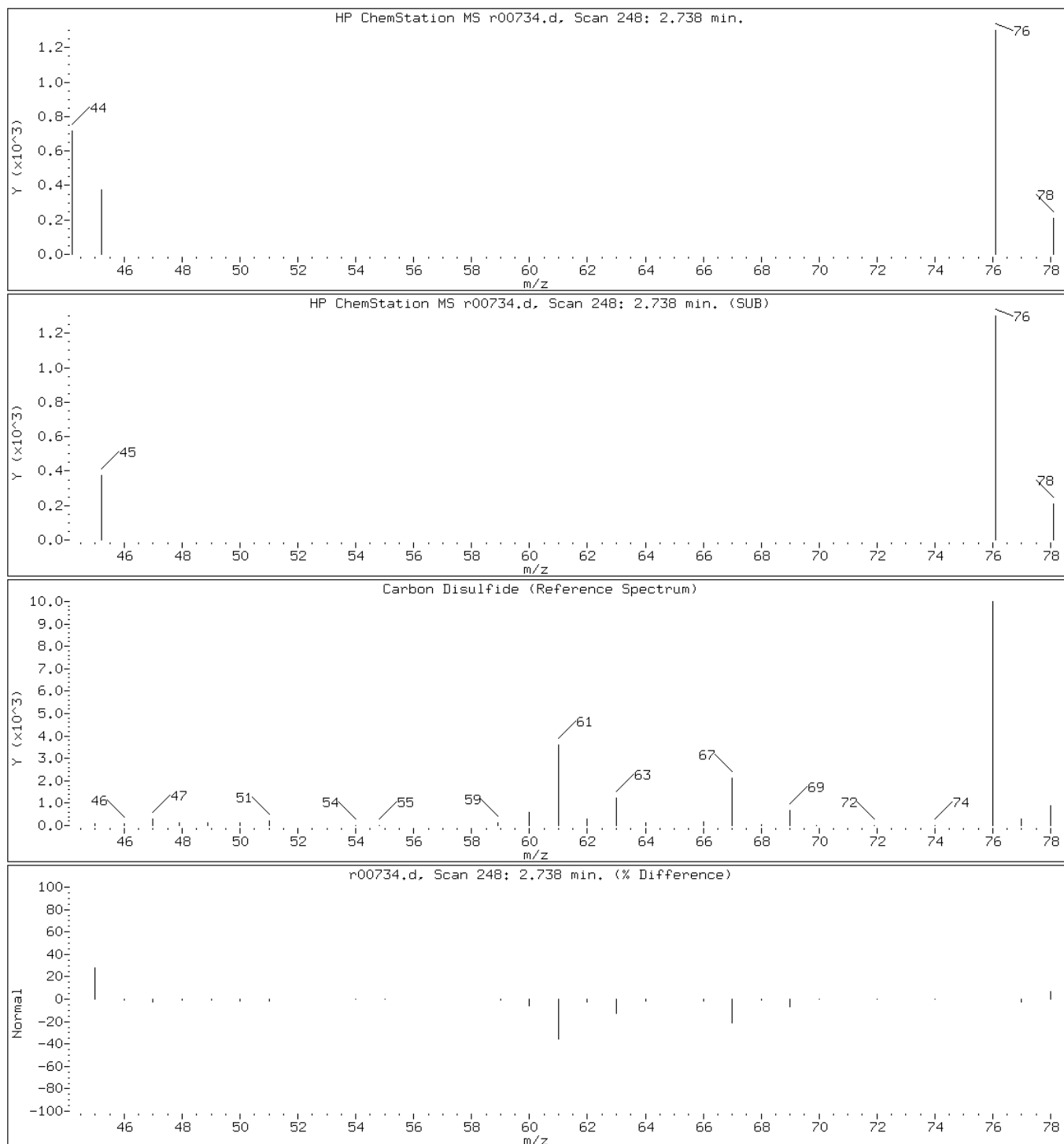
Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:

18 Carbon Disulfide



Data File: r00734.d

Date: 04-APR-2013 19:03

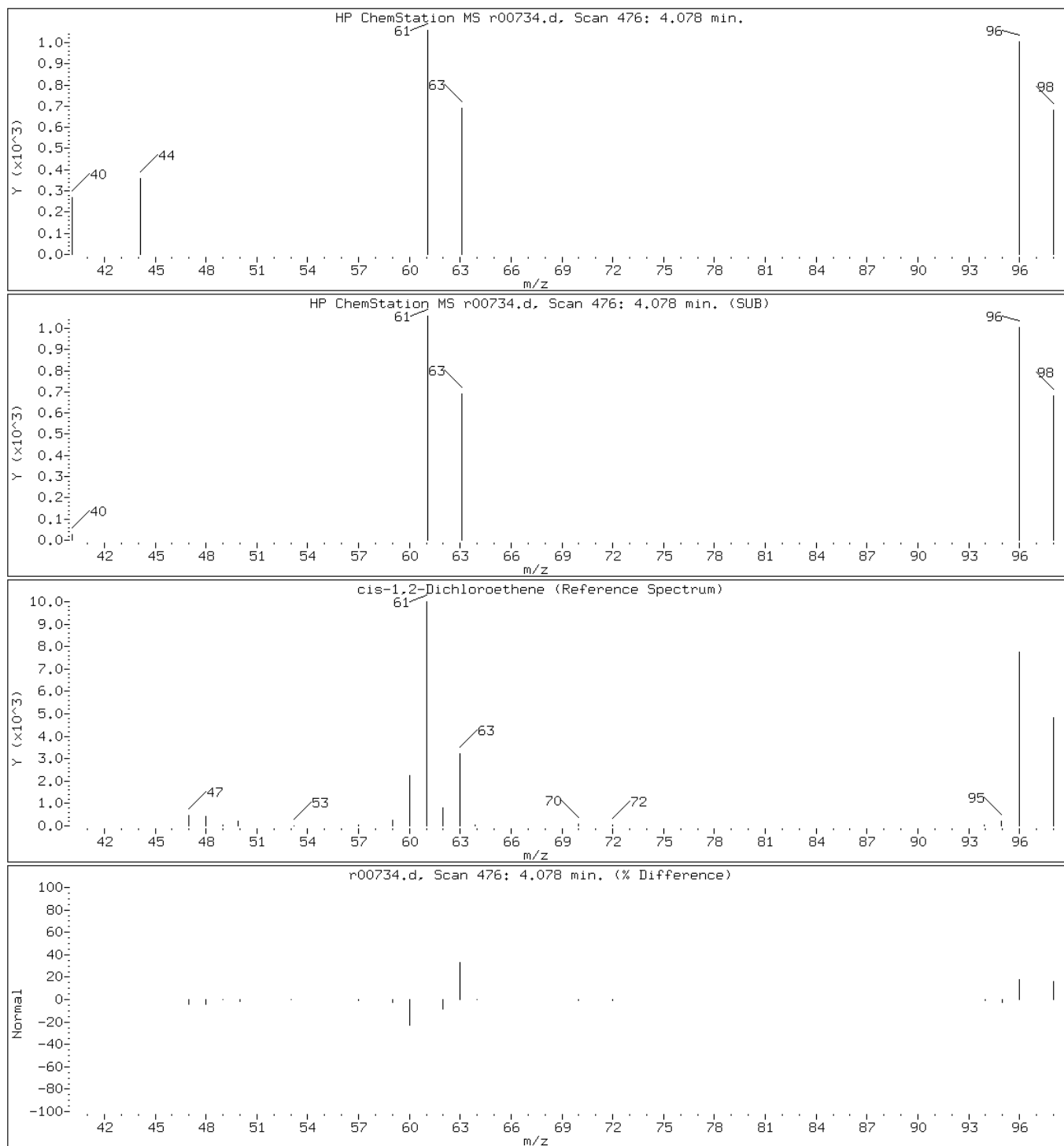
Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:

36 cis-1,2-Dichloroethene



Data File: r00734.d

Date: 04-APR-2013 19:03

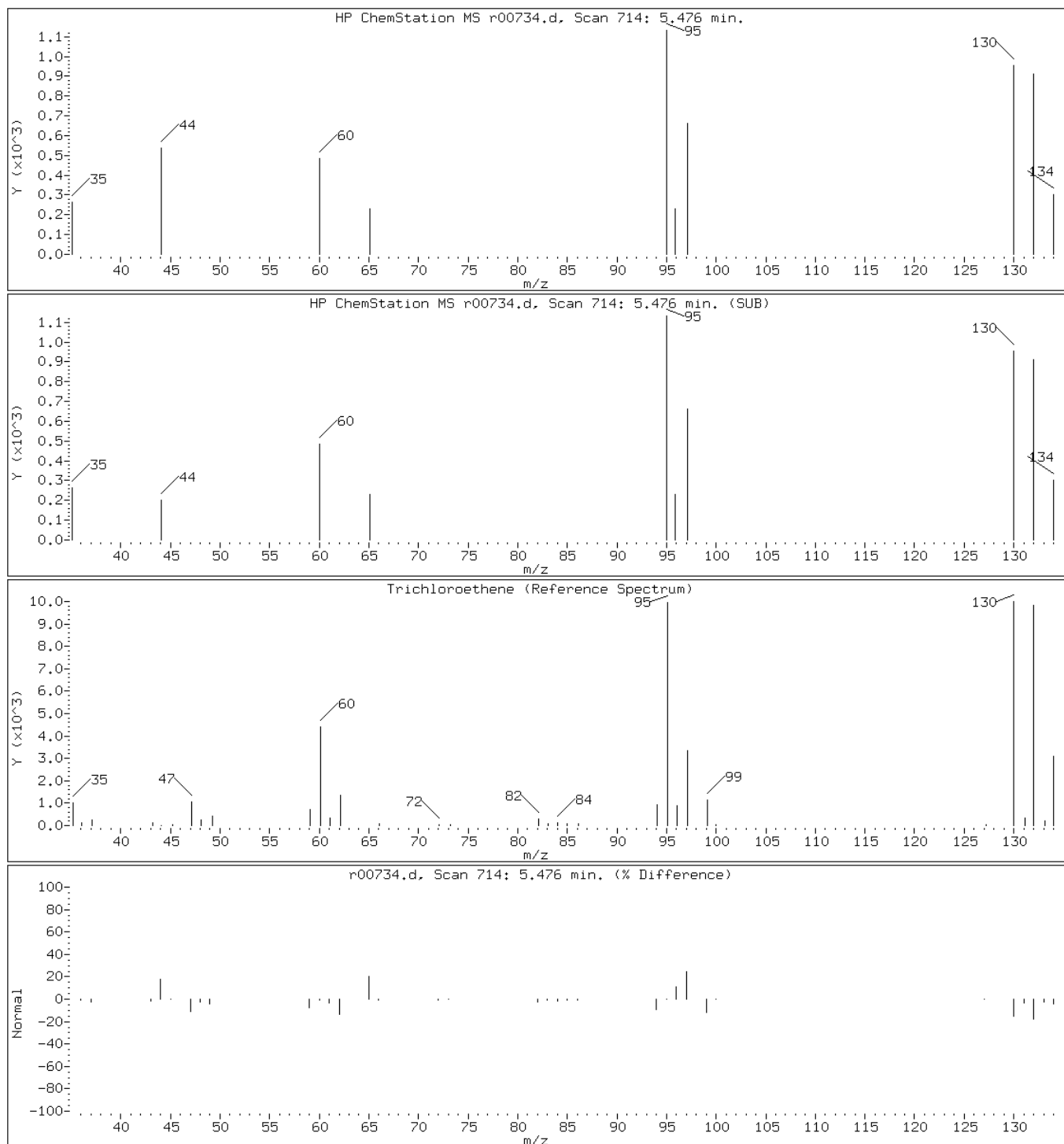
Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:

54 Trichloroethene



Data File: r00734.d

Date: 04-APR-2013 19:03

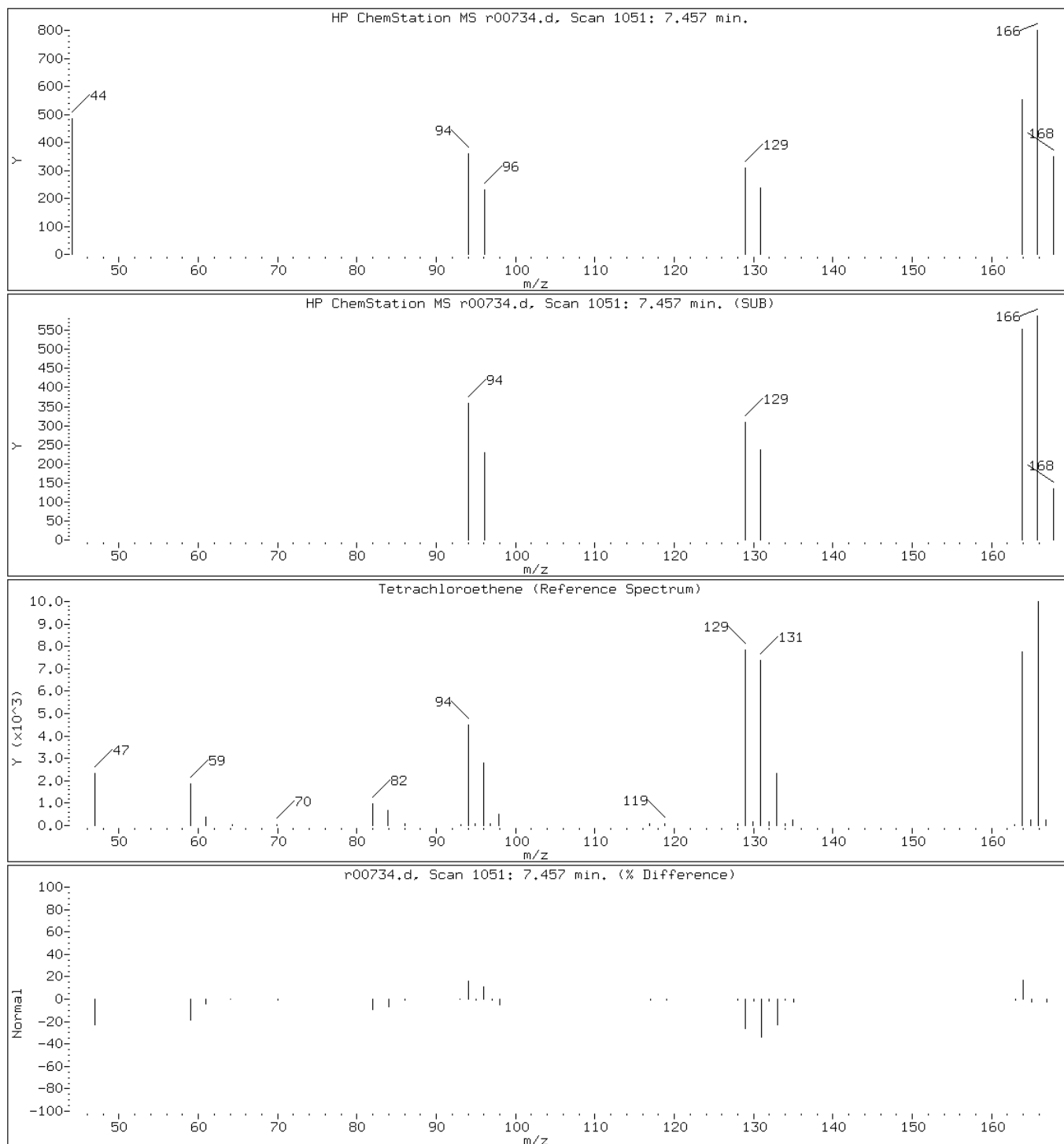
Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:

71 Tetrachloroethene



Data File: r00734.d

Date: 04-APR-2013 19:03

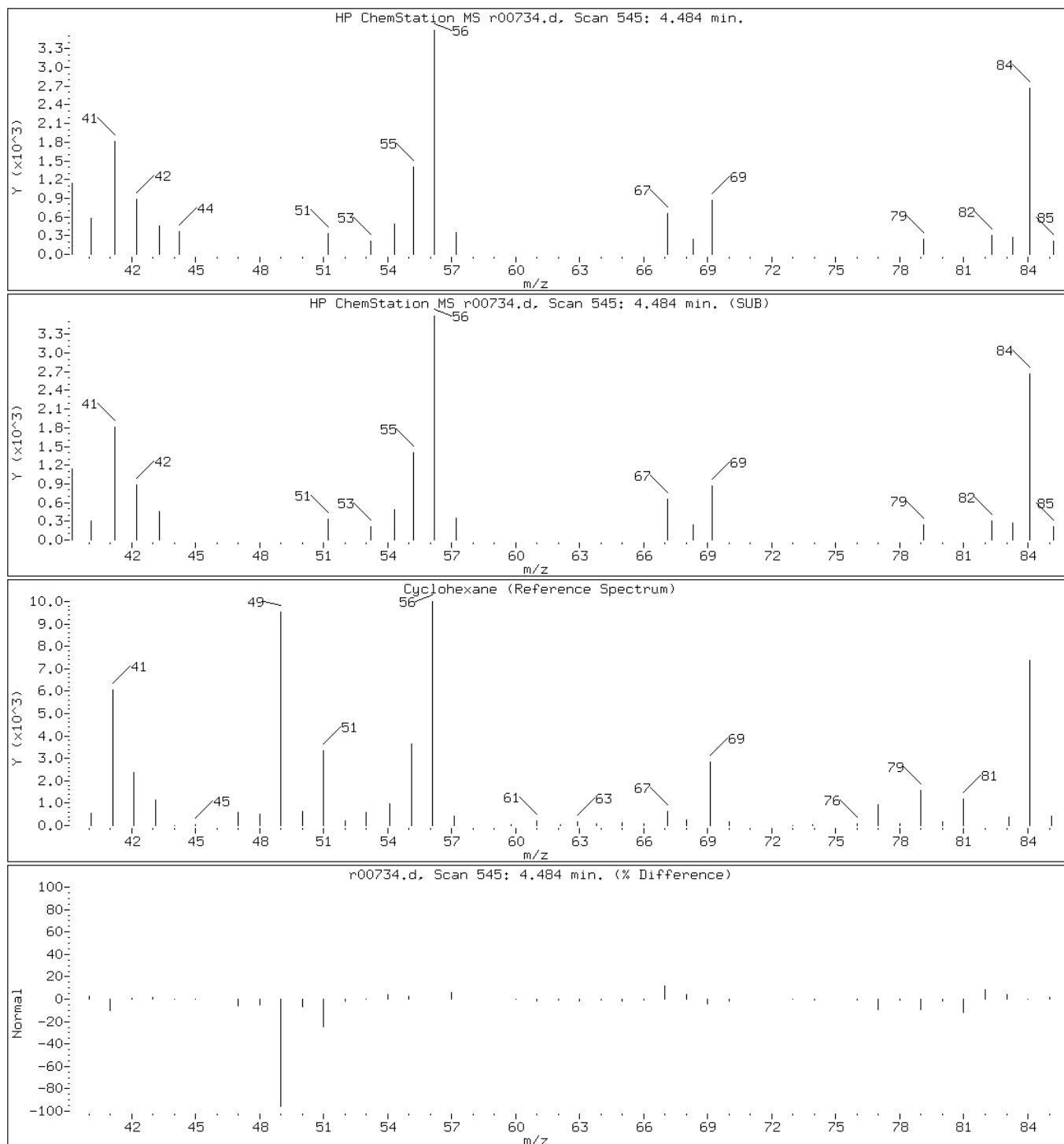
Client ID: EW01B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-8

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW01C-CP-00-032813 Lab Sample ID: 460-53245-9

Matrix: Water Lab File ID: r00735.d

Analysis Method: 8260B Date Collected: 03/26/2013 08:48

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 19:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	9.7		5.0	2.7
75-15-0	Carbon disulfide	0.15	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.41	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.4		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW01C-CP-00-032813 Lab Sample ID: 460-53245-9
 Matrix: Water Lab File ID: r00735.d
 Analysis Method: 8260B Date Collected: 03/26/2013 08:48
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 19:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.68	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00735.d
 Report Date: 08-Apr-2013 14:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00735.d
 Lab Smp Id: 460-53245-A-9 Client Smp ID: EW01C-CP-00-032813
 Inj Date : 04-APR-2013 19:29
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-9
 Misc Info : 460-53245-A-9
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 43
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
16 Acetone	58	2.650	2.656	(0.517)	3812		9.70097	9.7(H)
18 Carbon Disulfide	76	2.738	2.738	(0.534)	1765		0.15325	0.15(a)
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	1744		0.41115	0.41(a)
41 Tetrahydrofuran	42	4.313	4.301	(0.842)	2239		1.82399	1.8
44 Cyclohexane	56	4.478	4.478	(0.874)	4057		0.68160	0.68(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	167074		58.7567	59
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	615568		50.0000	
54 Trichloroethene	95	5.471	5.471	(1.068)	5428		1.39144	1.4
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	404770		49.1125	49
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	424167		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	174303		47.6703	48
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	246296		50.0000	
M 120 1,2-Dichloroethene (Total)	100				1744		0.41115	0.41(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00735.d
Report Date: 08-Apr-2013 14:38

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00735.d

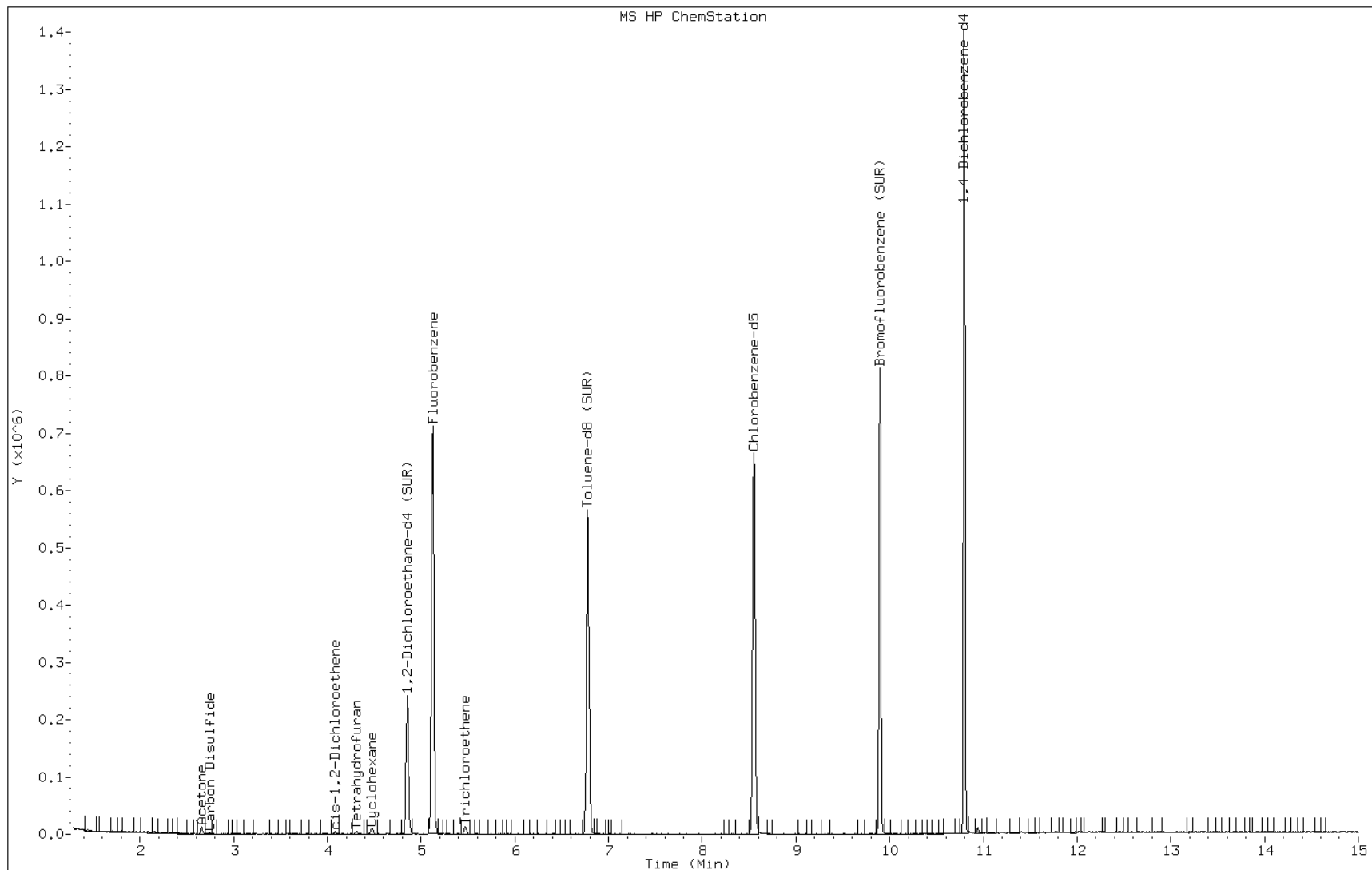
Date: 04-APR-2013 19:29

Client ID: EW01C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-9

Operator:



Data File: r00735.d

Date: 04-APR-2013 19:29

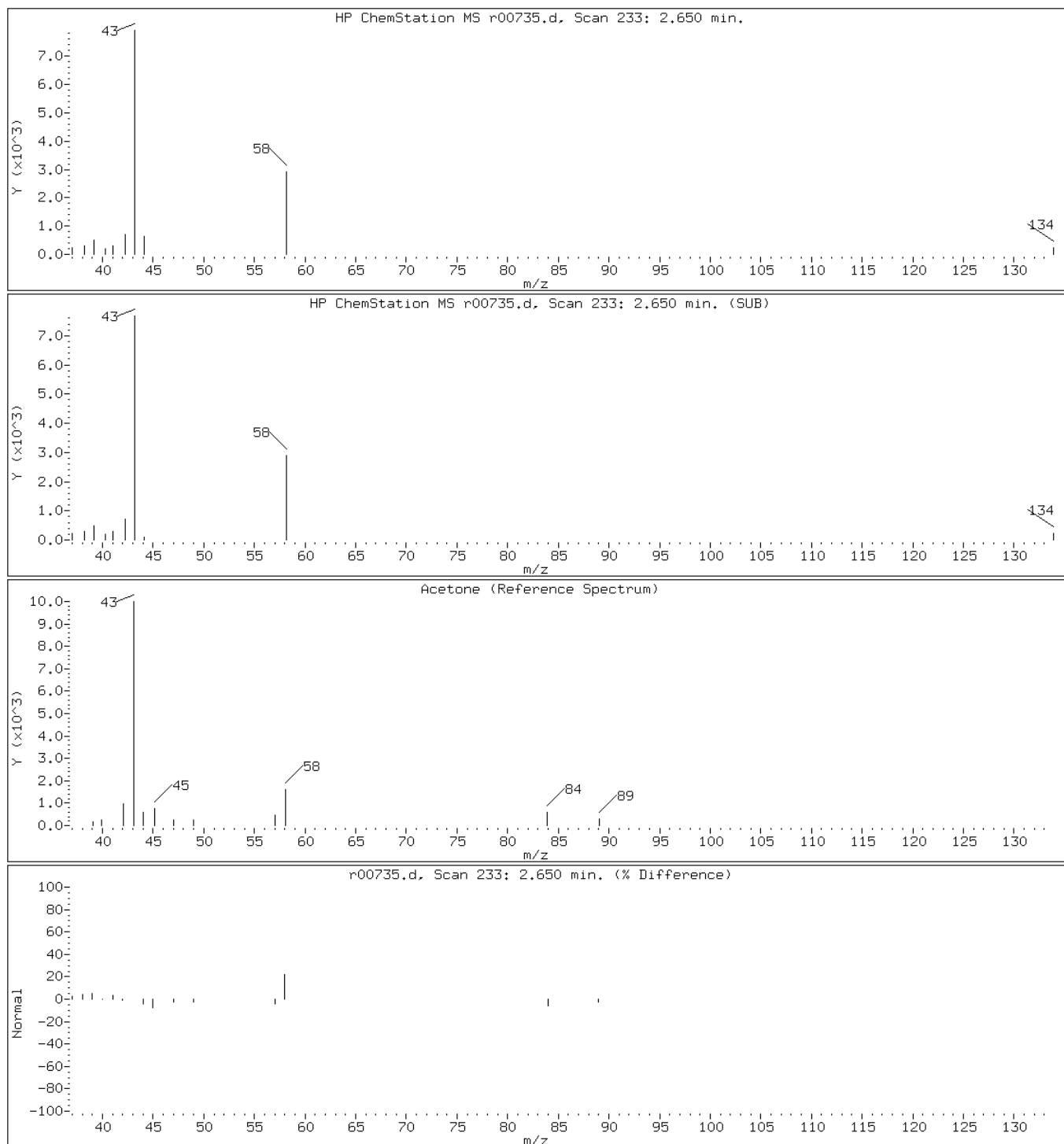
Client ID: EW01C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-9

Operator:

16 Acetone



Data File: r00735.d

Date: 04-APR-2013 19:29

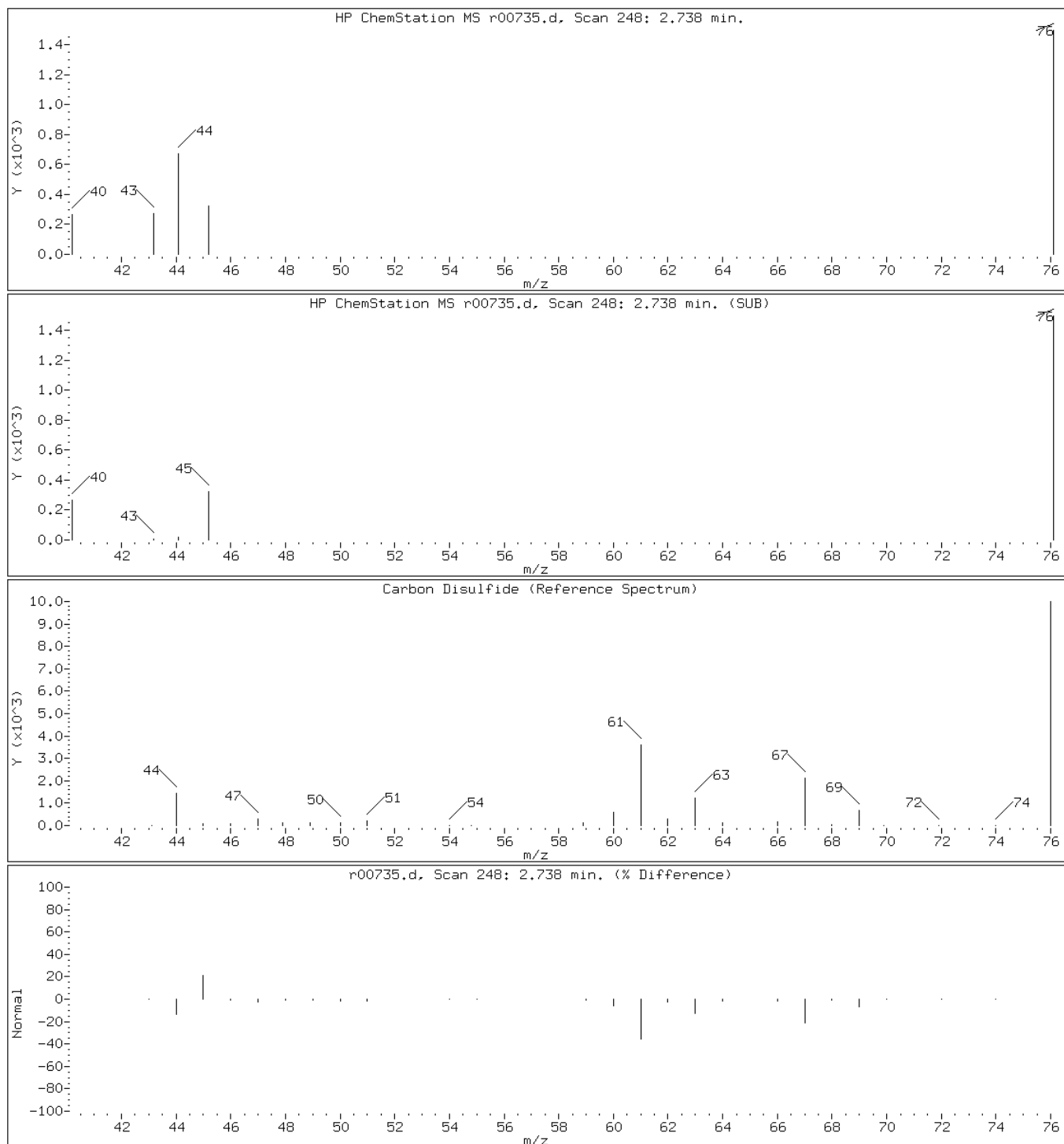
Client ID: EW01C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-9

Operator:

18 Carbon Disulfide



Data File: r00735.d

Date: 04-APR-2013 19:29

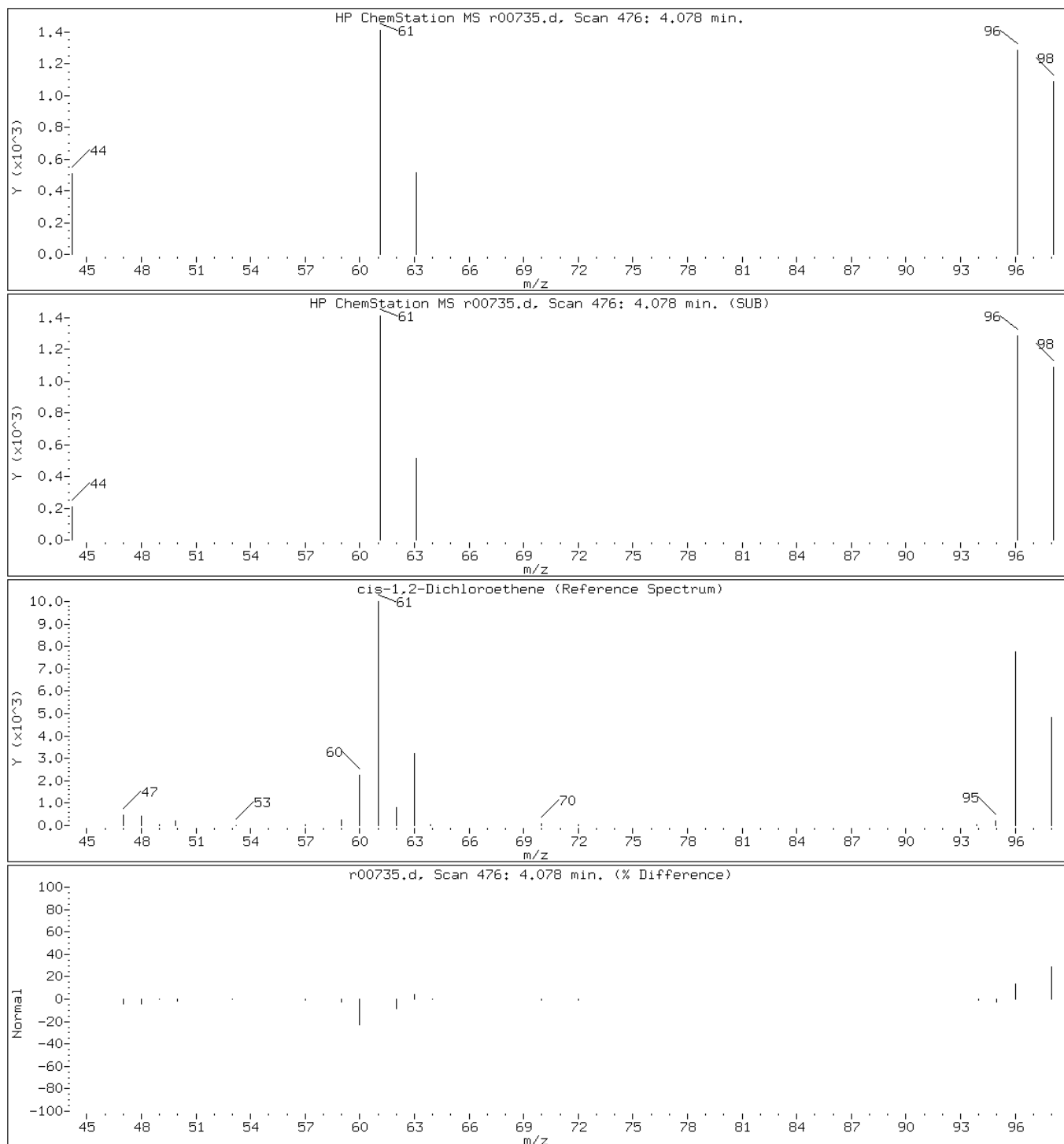
Client ID: EW01C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-9

Operator:

36 cis-1,2-Dichloroethene



Data File: r00735.d

Date: 04-APR-2013 19:29

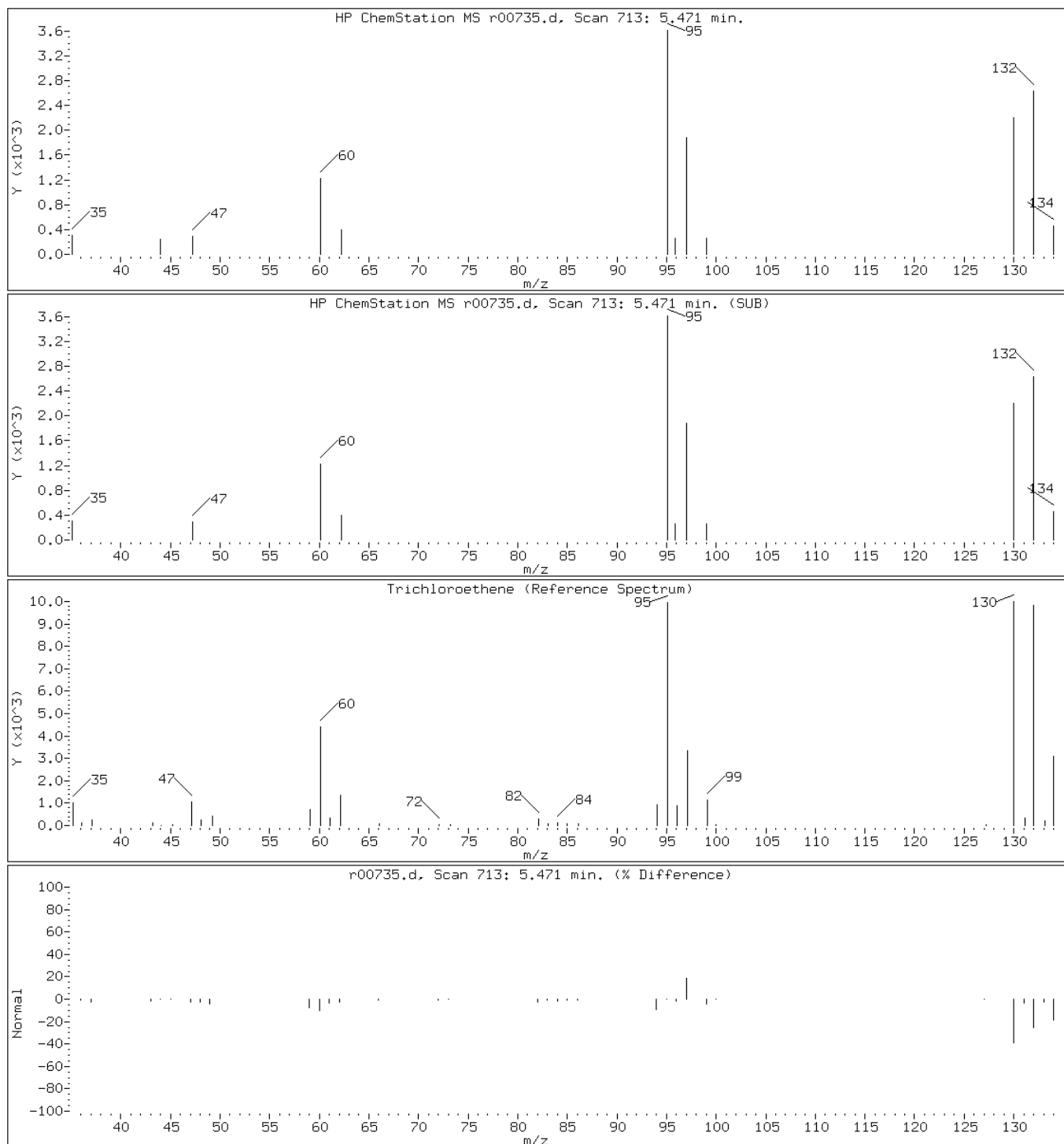
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Instrument: VOAMS10.i

Sample Info: 460-53245-A-9

Operator:

54 Trichloroethene



Data File: r00735.d

Date: 04-APR-2013 19:29

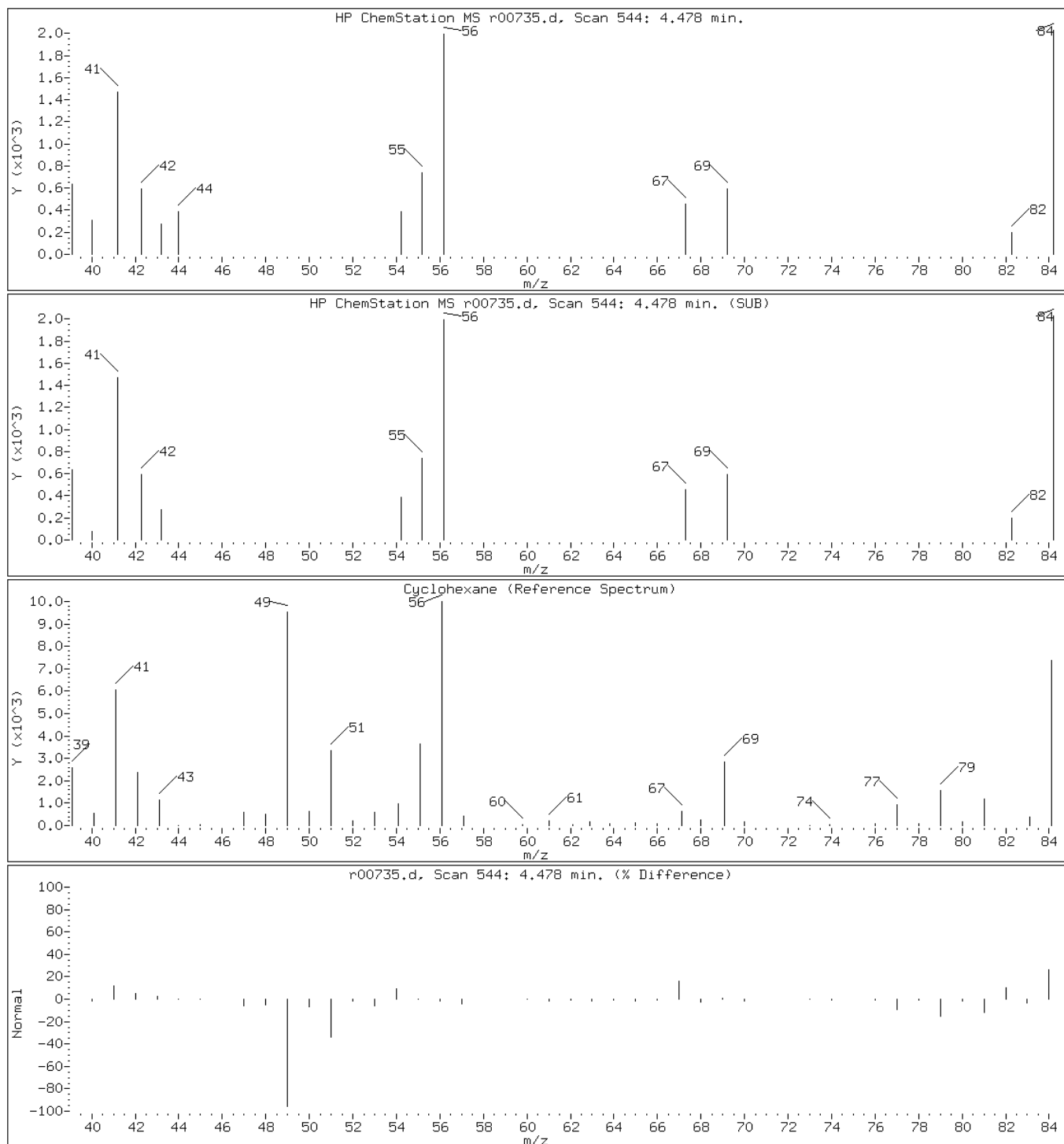
Client ID: EW01C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-9

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW02A-CP-00-032813 Lab Sample ID: 460-53245-10

Matrix: Water Lab File ID: r00736.d

Analysis Method: 8260B Date Collected: 03/25/2013 09:42

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 19:54

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	8.0		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.24	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW02A-CP-00-032813 Lab Sample ID: 460-53245-10
 Matrix: Water Lab File ID: r00736.d
 Analysis Method: 8260B Date Collected: 03/25/2013 09:42
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 19:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.25	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00736.d
Report Date: 08-Apr-2013 14:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00736.d
Lab Smp Id: 460-53245-A-10 Client Smp ID: EW02A-CP-00-032813
Inj Date : 04-APR-2013 19:54
Operator : Inst ID: VOAMS10.i
Smp Info : 460-53245-A-10
Misc Info : 460-53245-A-10
Comment :
Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
16 Acetone		58	2.656	2.656 (0.518)		3113	7.99287	8.0(H)
41 Tetrahydrofuran		42	4.307	4.301 (0.841)		2594	2.13206	2.1
44 Cyclohexane		56	4.478	4.478 (0.874)		1498	0.25392	0.25(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848 (0.947)		166204	58.9728	59
* 52 Fluorobenzene		96	5.124	5.124 (1.000)		610119	50.0000	
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		393758	49.1995	49
71 Tetrachloroethene		166	7.451	7.456 (0.871)		913	0.24255	0.24(a)
* 78 Chlorobenzene-d5		117	8.549	8.549 (1.000)		411898	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		173301	48.0201	48
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		243096	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: r00736.d

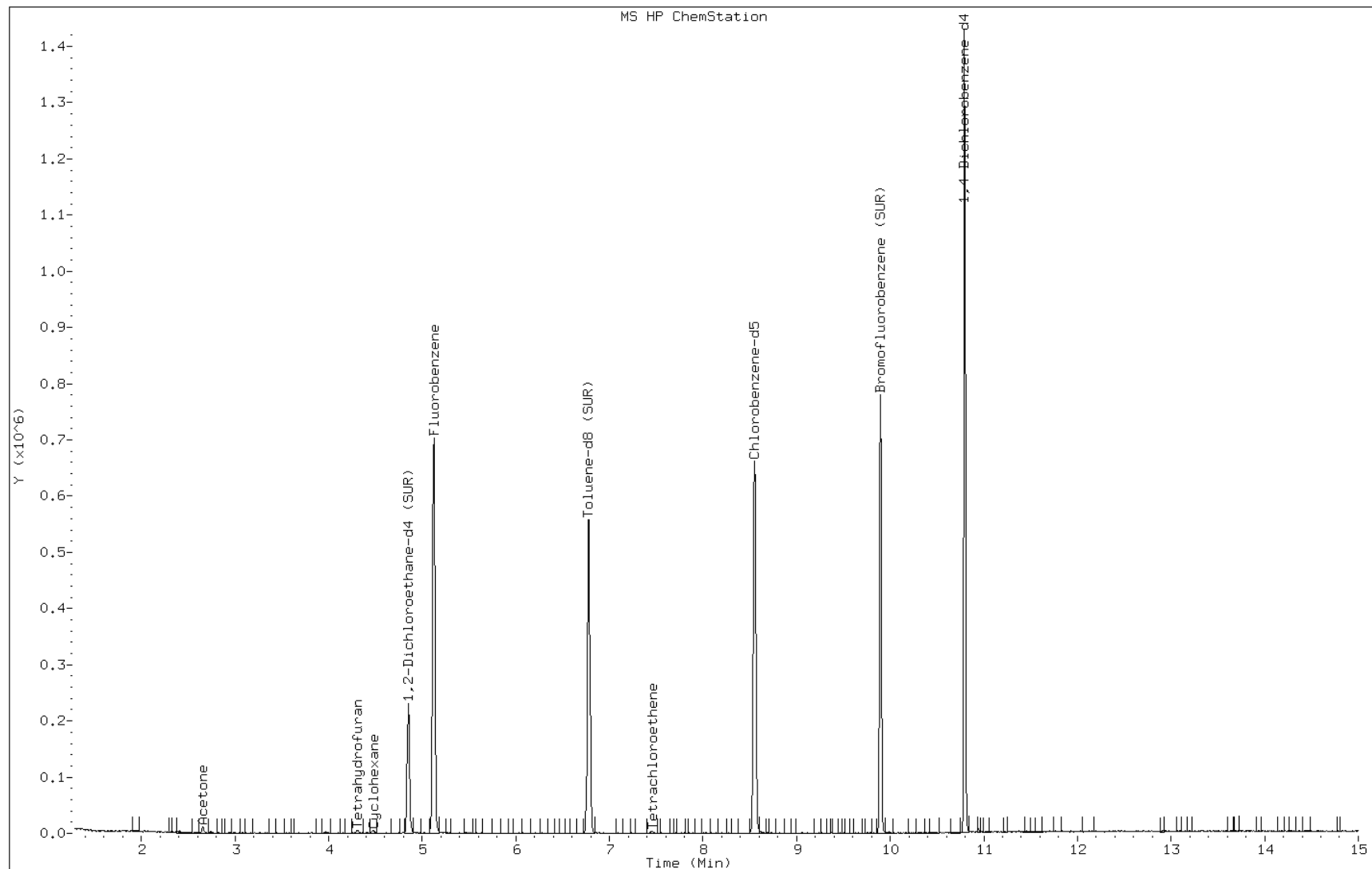
Date: 04-APR-2013 19:54

Client ID: EW02A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-10

Operator:



Data File: r00736.d

Date: 04-APR-2013 19:54

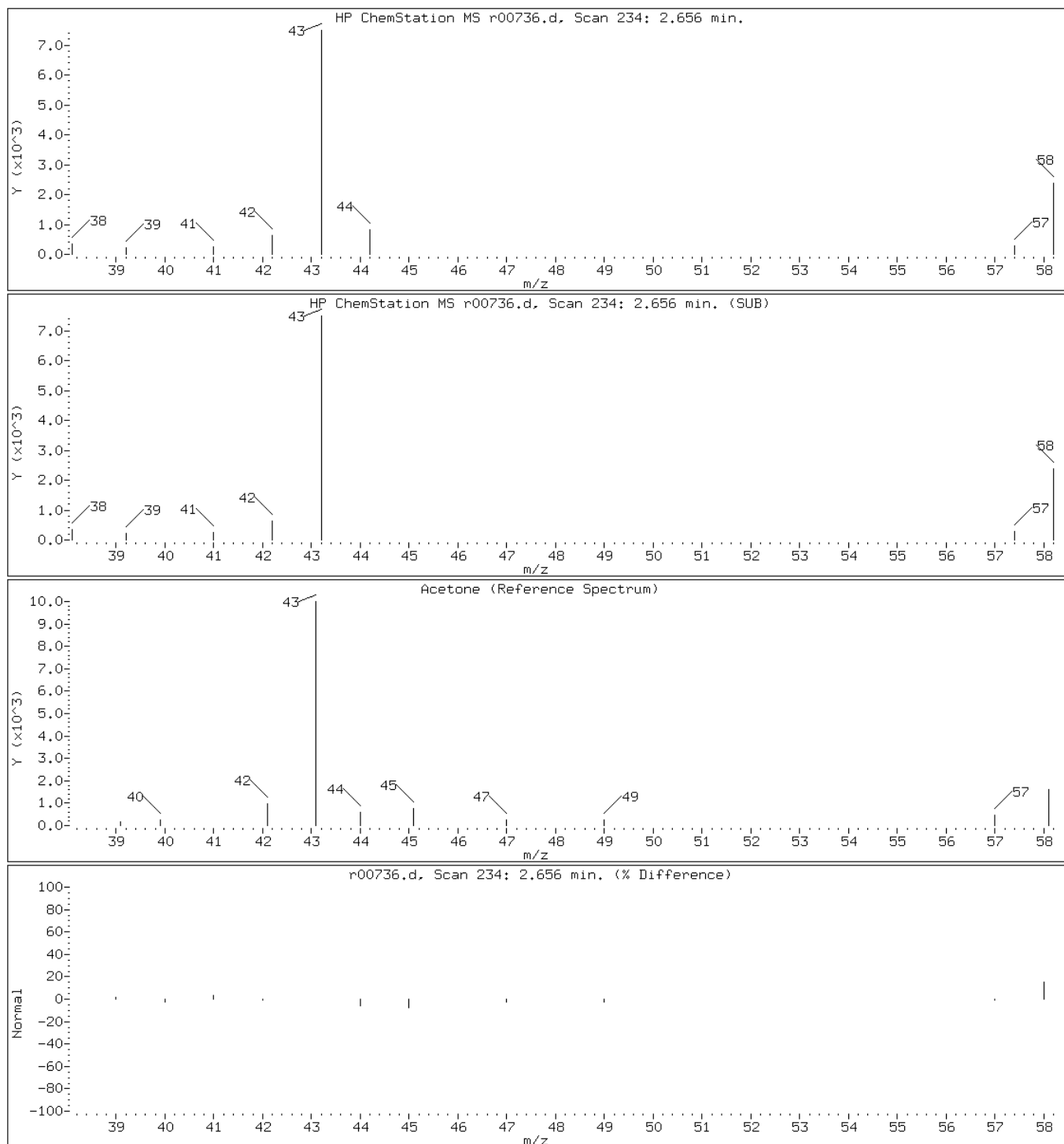
Client ID: EW02A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-10

Operator:

16 Acetone



Data File: r00736.d

Date: 04-APR-2013 19:54

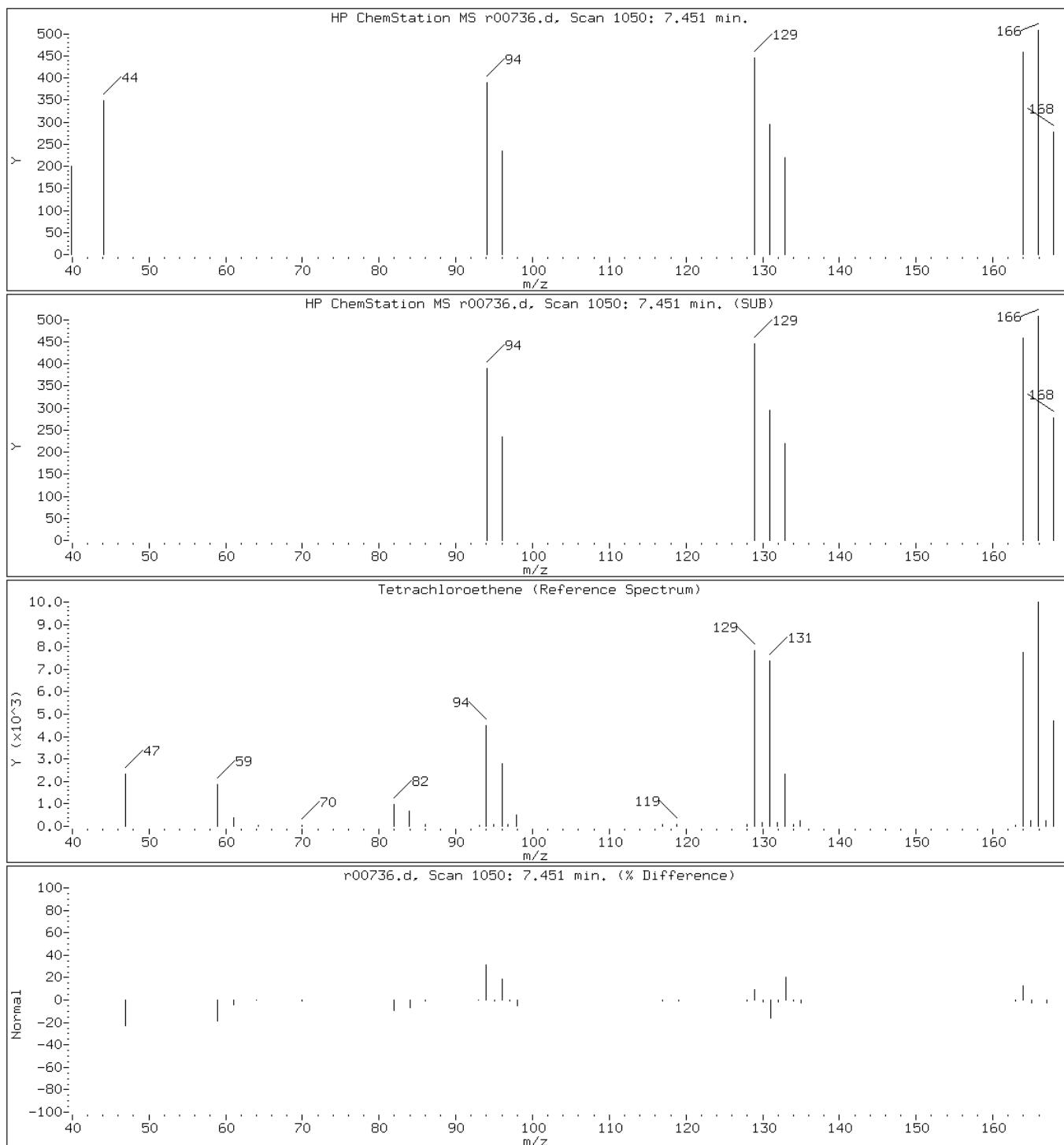
Client ID: EW02A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-10

Operator:

71 Tetrachloroethene



Data File: r00736.d

Date: 04-APR-2013 19:54

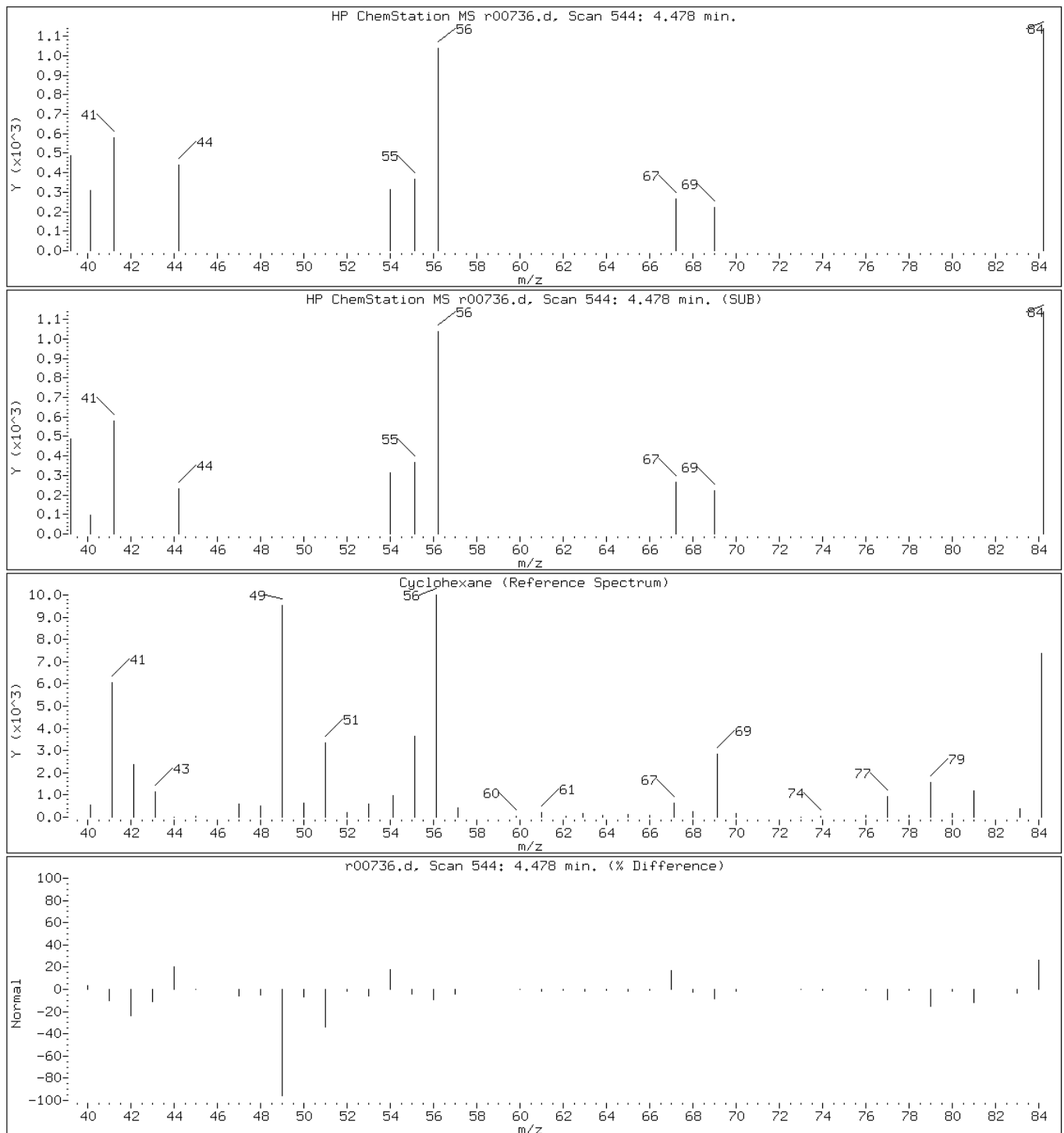
Client ID: EW02A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-10

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW02B-CP-00-032813 Lab Sample ID: 460-53245-11

Matrix: Water Lab File ID: r00737.d

Analysis Method: 8260B Date Collected: 03/25/2013 09:49

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 20:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	8.6		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW02B-CP-00-032813 Lab Sample ID: 460-53245-11
 Matrix: Water Lab File ID: r00737.d
 Analysis Method: 8260B Date Collected: 03/25/2013 09:49
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 20:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.58	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00737.d
Report Date: 08-Apr-2013 14:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00737.d
Lab Smp Id: 460-53245-A-11 Client Smp ID: EW02B-CP-00-032813
Inj Date : 04-APR-2013 20:20
Operator : Inst ID: VOAMS10.i
Smp Info : 460-53245-A-11
Misc Info : 460-53245-A-11
Comment :
Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN	FINAL
								(ug/L)	(ug/L)
16 Acetone	58		2.656	2.656	(0.518)	3316	8.56386	8.6(H)	
41 Tetrahydrofuran	42		4.307	4.301	(0.841)	2265	1.87253	1.9	
44 Cyclohexane	56		4.478	4.478	(0.874)	3418	0.58276	0.58(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.848	(0.947)	165186	58.9542	59	
* 52 Fluorobenzene	96		5.124	5.124	(1.000)	606573	50.0000		
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775	(0.792)	393096	49.6207	50	
* 78 Chlorobenzene-d5	117		8.550	8.549	(1.000)	407715	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895	(0.917)	174200	49.4776	49	
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794	(1.000)	237159	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: r00737.d

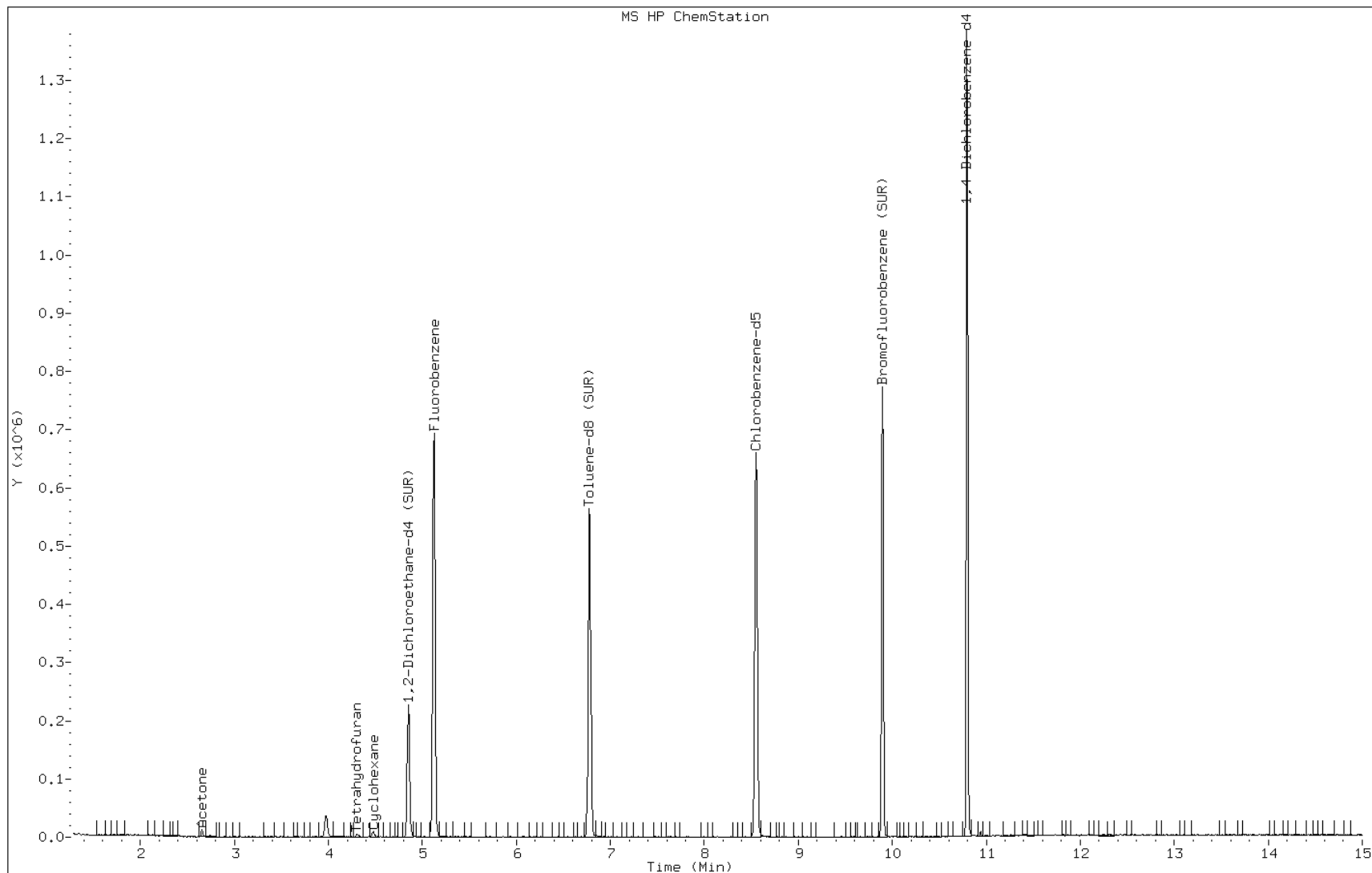
Date: 04-APR-2013 20:20

Client ID: EW02B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-11

Operator:



Data File: r00737.d

Date: 04-APR-2013 20:20

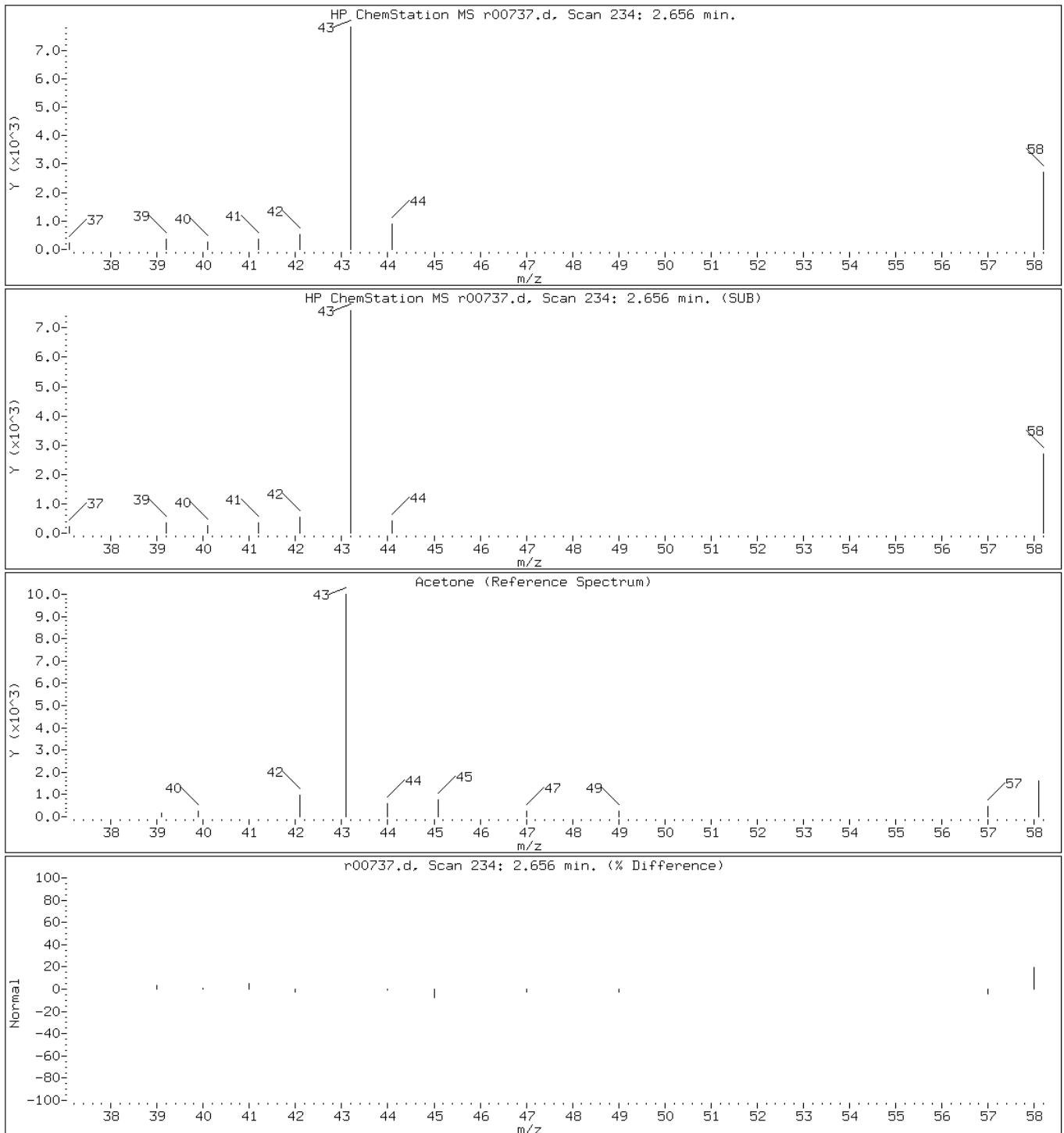
Client ID: EW02B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-11

Operator:

16 Acetone



Data File: r00737.d

Date: 04-APR-2013 20:20

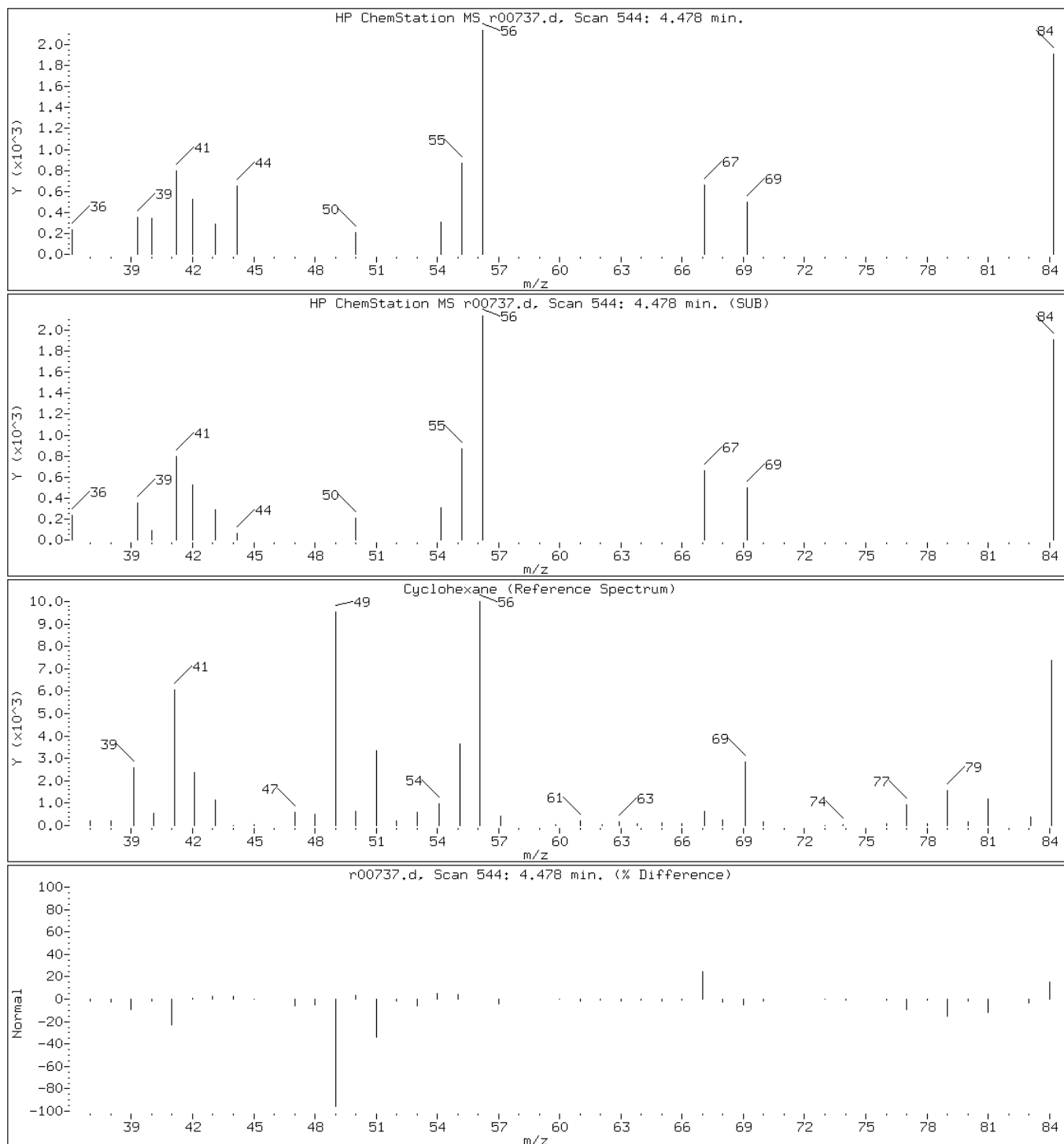
Client ID: EW02B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-11

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW02C-CP-00-032813 Lab Sample ID: 460-53245-12

Matrix: Water Lab File ID: r00738.d

Analysis Method: 8260B Date Collected: 03/25/2013 09:55

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 20:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	15		5.0	2.7
75-15-0	Carbon disulfide	0.16	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.98	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW02C-CP-00-032813 Lab Sample ID: 460-53245-12
 Matrix: Water Lab File ID: r00738.d
 Analysis Method: 8260B Date Collected: 03/25/2013 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 20:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00738.d
 Report Date: 04-Apr-2013 22:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00738.d
 Lab Smp Id: 460-53245-A-12 Client Smp ID: EW02C-CP-00-032813
 Inj Date : 04-APR-2013 20:45
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-12
 Misc Info : 460-53245-A-12
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 46
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone		58	2.662	2.656 (0.520)		5549	14.5471	14
18 Carbon Disulfide		76	2.744	2.738 (0.536)		1793	0.16037	0.16(a)
41 Tetrahydrofuran		42	4.301	4.301 (0.839)		2090	1.75394	1.8
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848 (0.947)		164831	59.7157	60
* 52 Fluorobenzene		96	5.124	5.124 (1.000)		597551	50.0000	
54 Trichloroethene		95	5.471	5.471 (1.068)		3729	0.98473	0.98(aH)
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		388613	48.8873	49
* 78 Chlorobenzene-d5		117	8.549	8.549 (1.000)		409112	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		169039	47.7370	48
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		238524	50.0000	

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00738.d

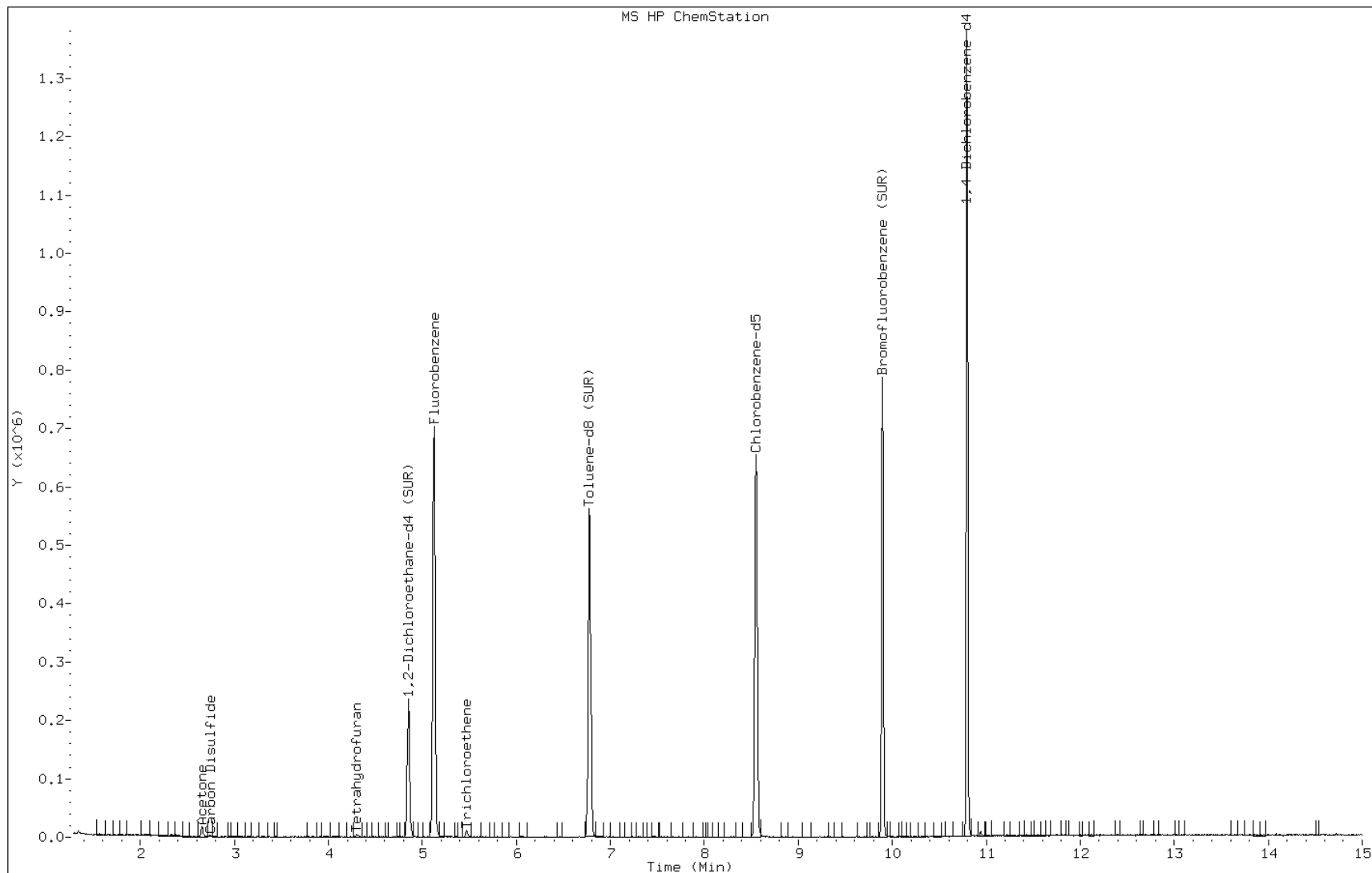
Date: 04-APR-2013 20:45

Client ID: EW02C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-12

Operator:



Data File: r00738.d

Date: 04-APR-2013 20:45

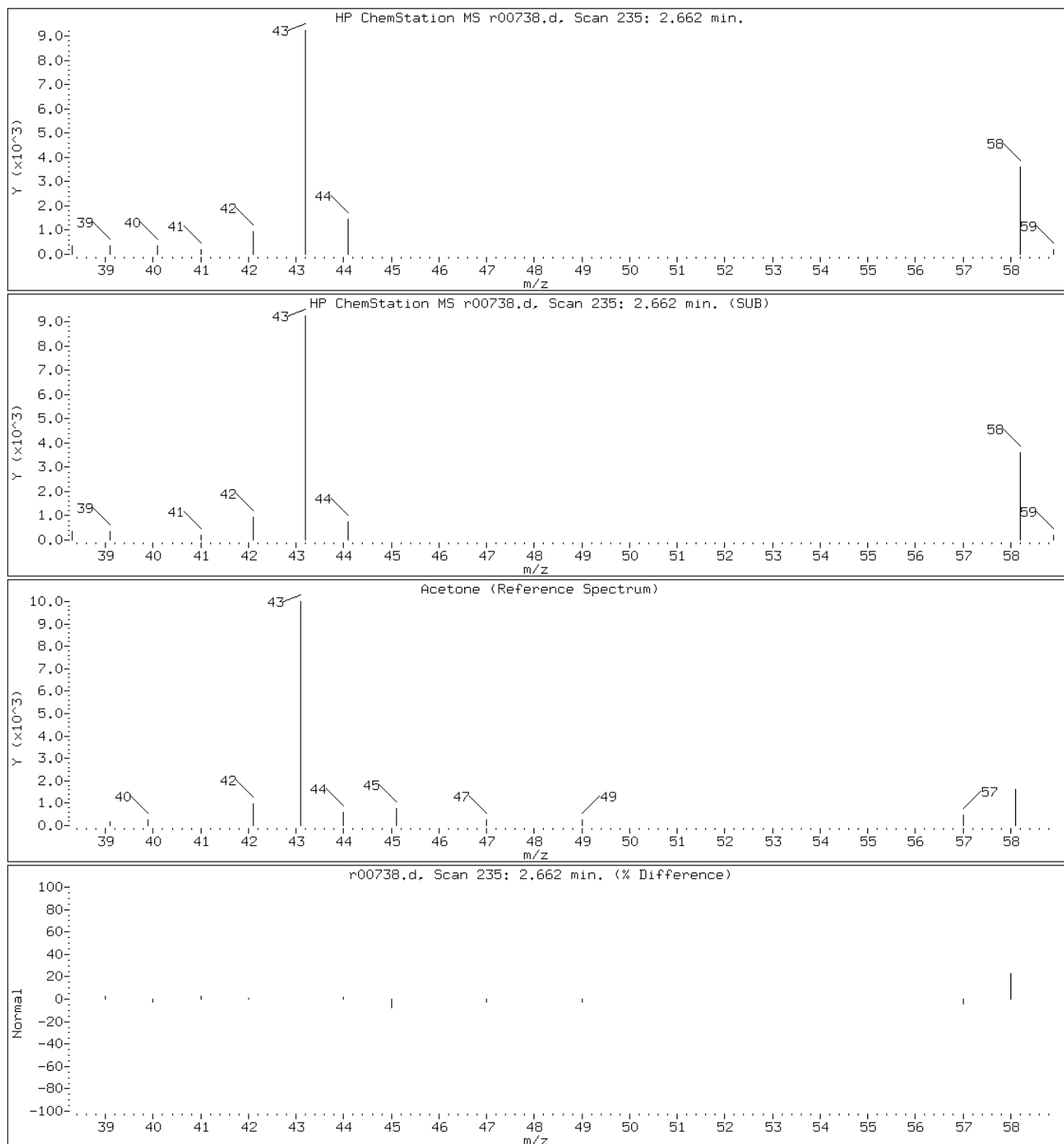
Client ID: EW02C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-12

Operator:

16 Acetone



Data File: r00738.d

Date: 04-APR-2013 20:45

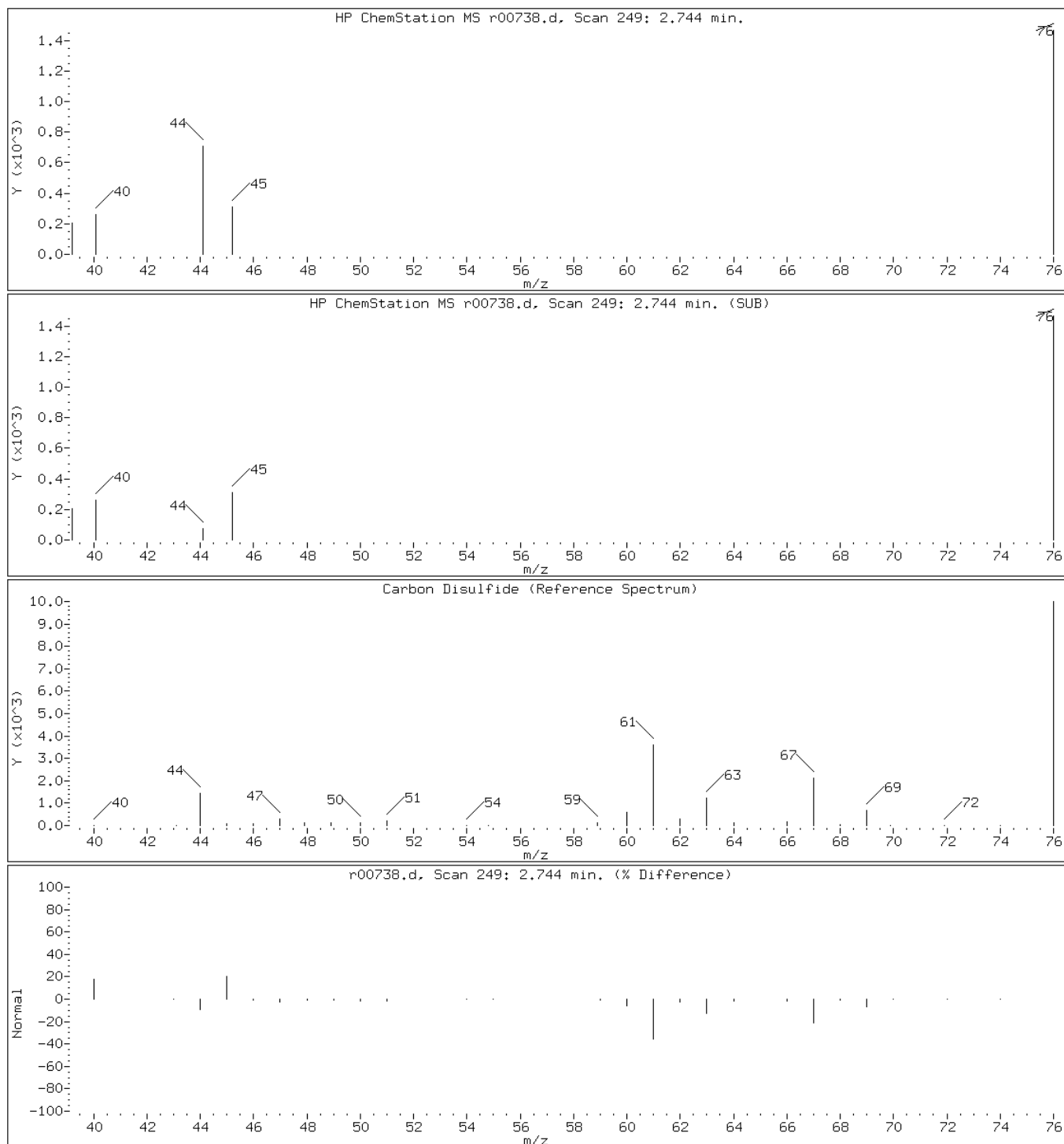
Client ID: EW02C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-12

Operator:

18 Carbon Disulfide



Data File: r00738.d

Date: 04-APR-2013 20:45

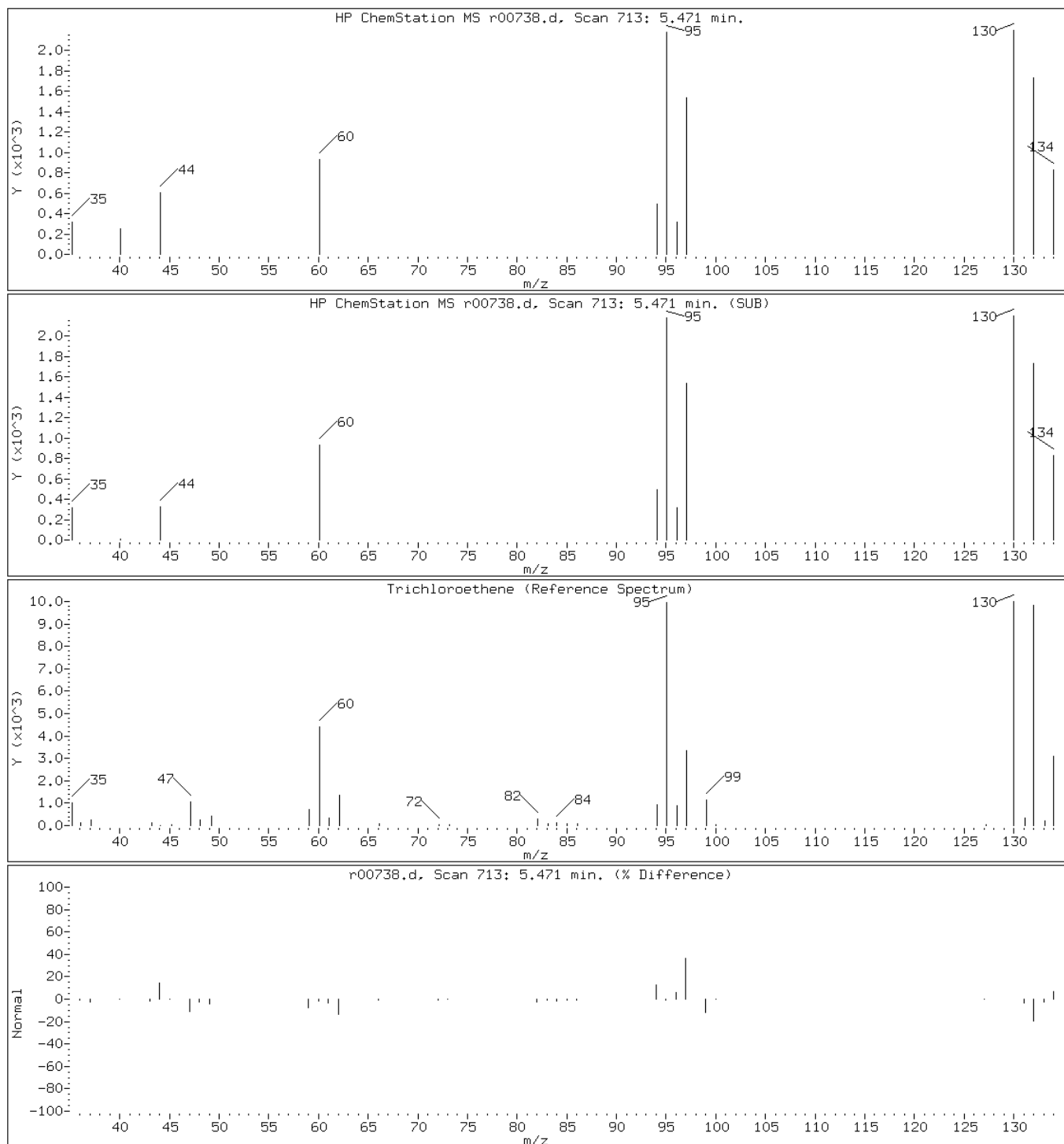
Client ID: EW02C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-12

Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW02D-CP-00-032813 Lab Sample ID: 460-53245-13

Matrix: Water Lab File ID: r00739.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:00

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 21:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	15		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.20	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.49	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW02D-CP-00-032813 Lab Sample ID: 460-53245-13
 Matrix: Water Lab File ID: r00739.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 21:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00739.d
 Report Date: 04-Apr-2013 23:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00739.d
 Lab Smp Id: 460-53245-A-13 Client Smp ID: EW02D-CP-00-032813
 Inj Date : 04-APR-2013 21:10
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-13
 Misc Info : 460-53245-A-13
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 47
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone		58	2.650	2.656 (0.517)		5502	14.5964	14
41 Tetrahydrofuran		42	4.307	4.301 (0.841)		1826	1.55072	1.6
42 Chloroform		83	4.354	4.348 (0.850)		1226	0.19533	0.20(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848 (0.947)		161544	59.2248	59
* 52 Fluorobenzene		96	5.124	5.124 (1.000)		590489	50.0000	
54 Trichloroethene		95	5.477	5.471 (1.069)		1830	0.48904	0.49(a)
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		386681	49.1094	49
* 78 Chlorobenzene-d5		117	8.549	8.549 (1.000)		405237	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		167600	48.0938	48
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		234739	50.0000	

QC Flag Legend

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

Data File: r00739.d

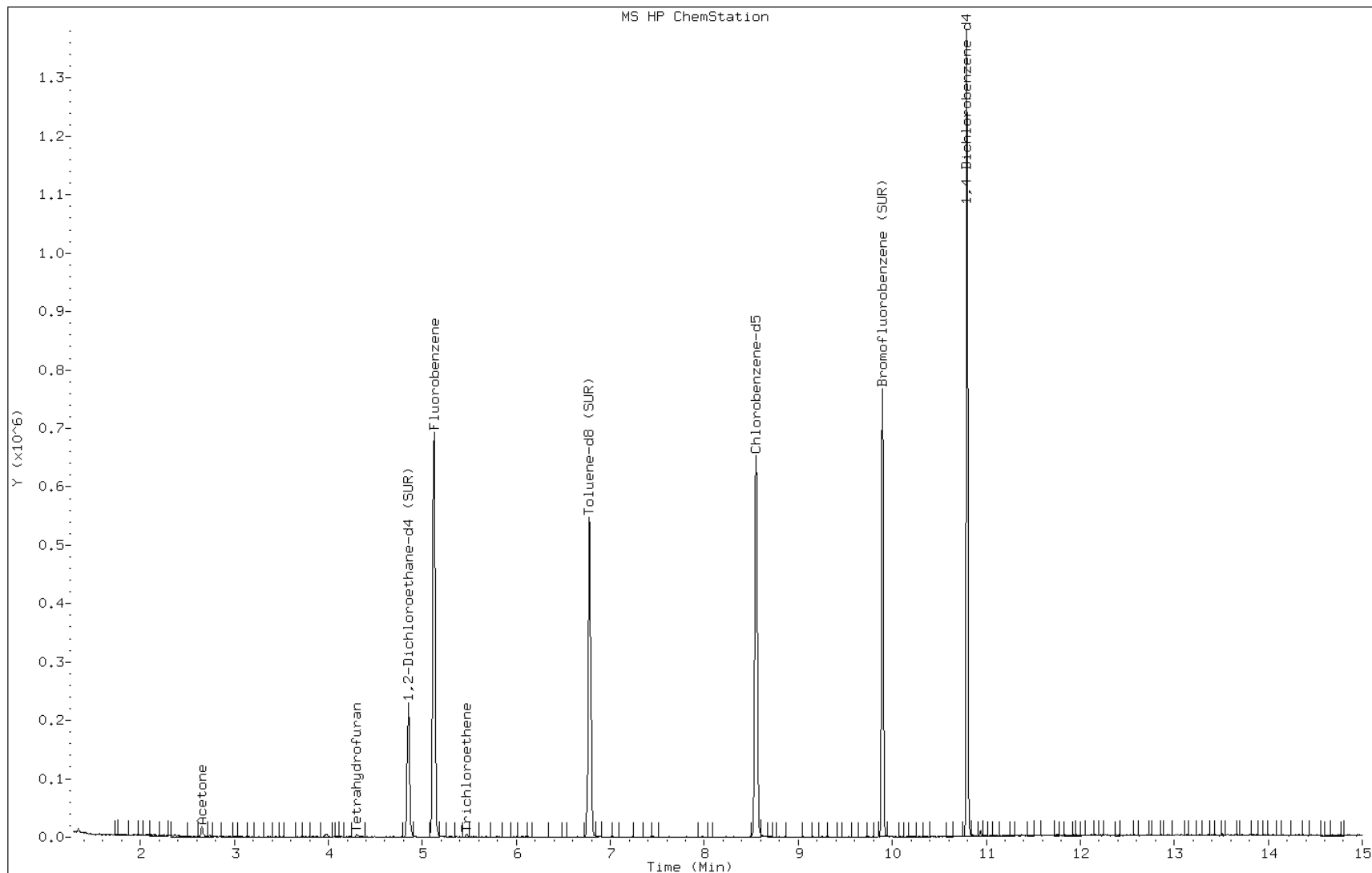
Date: 04-APR-2013 21:10

Client ID: EW02D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-13

Operator:



Data File: r00739.d

Date: 04-APR-2013 21:10

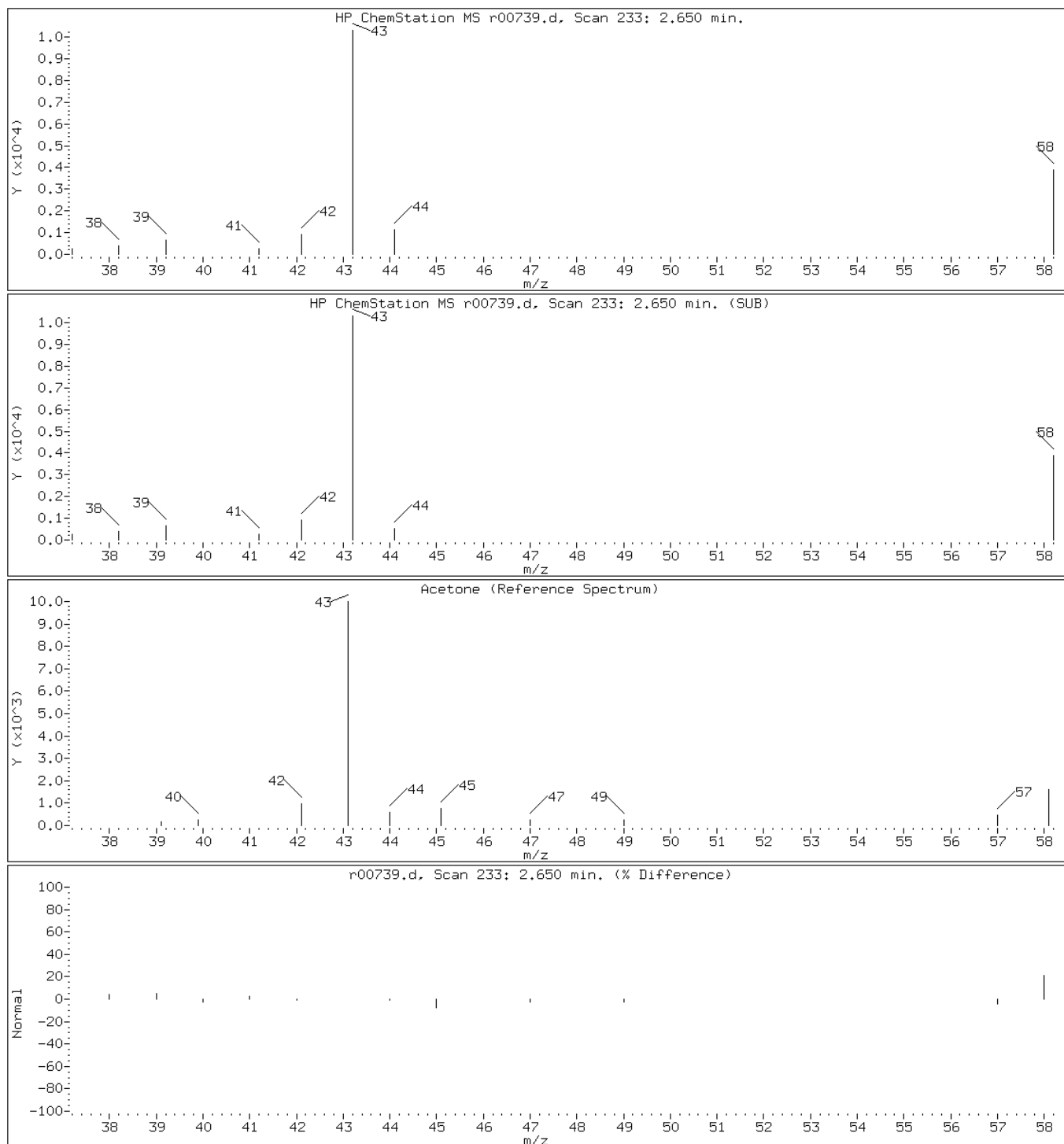
Client ID: EW02D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-13

Operator:

16 Acetone



Data File: r00739.d

Date: 04-APR-2013 21:10

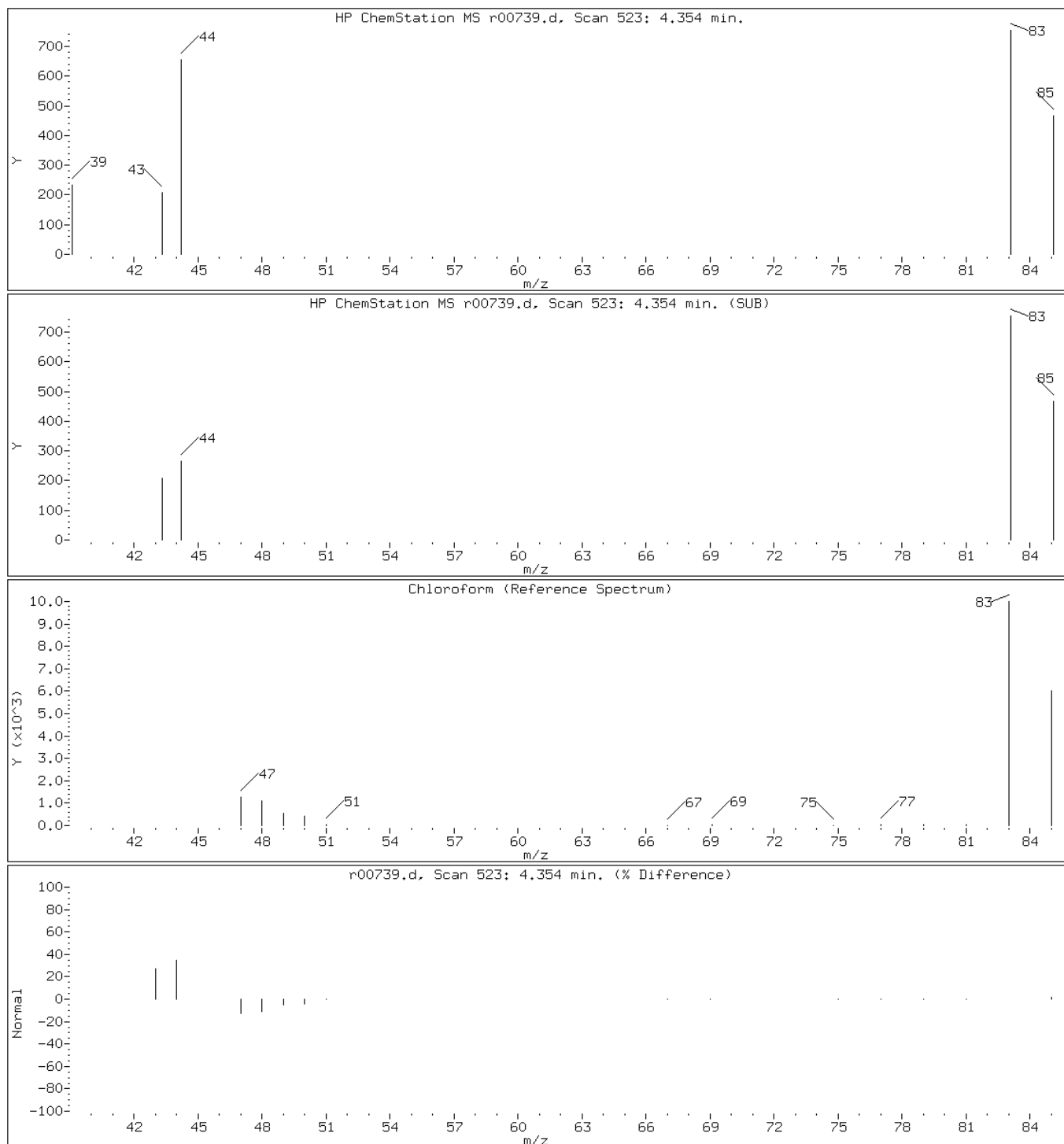
Client ID: EW02D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-13

Operator:

42 Chloroform



Data File: r00739.d

Date: 04-APR-2013 21:10

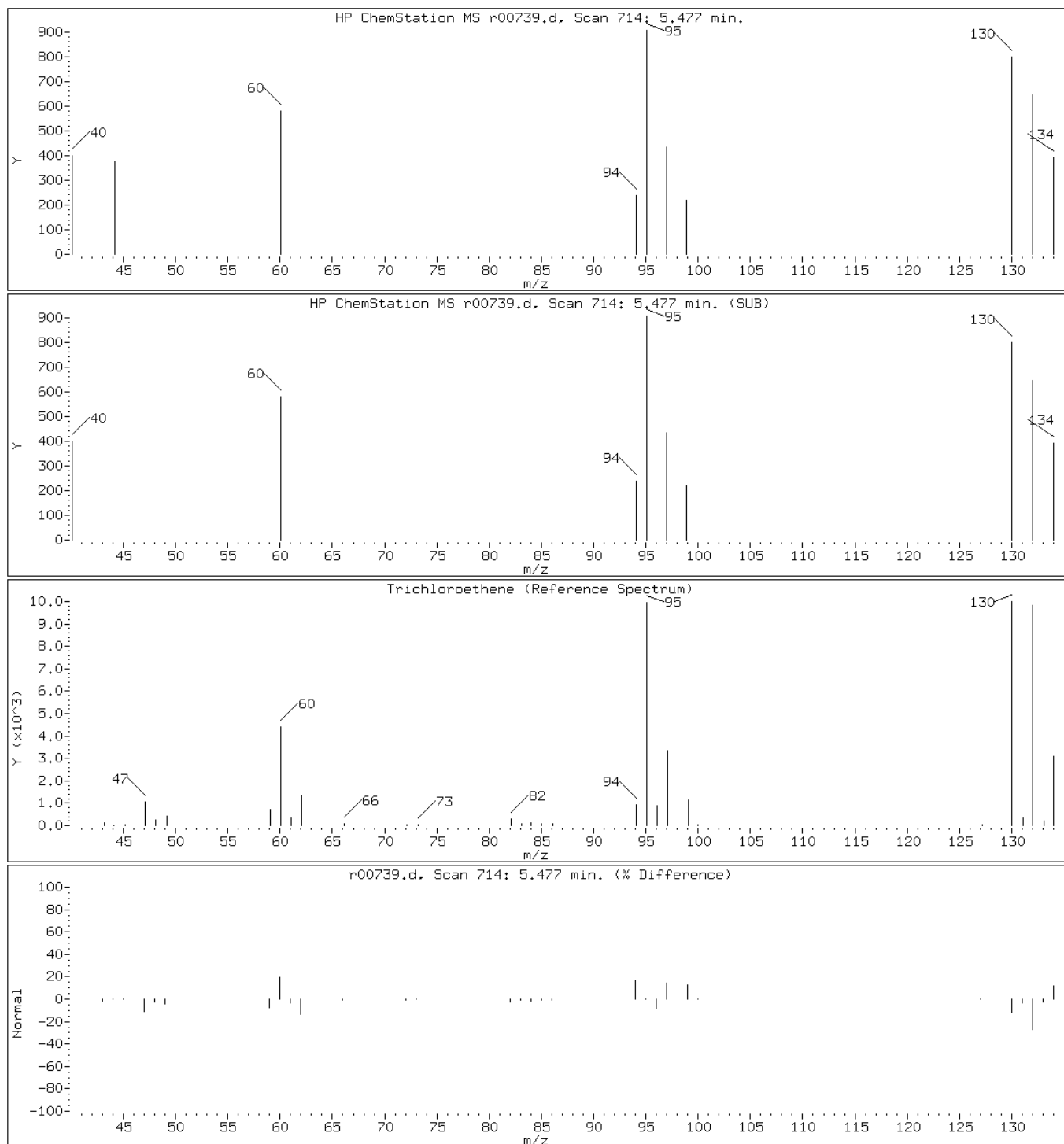
Client ID: EW02D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-13

Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW03A-CP-00-032813 Lab Sample ID: 460-53245-14

Matrix: Water Lab File ID: r00740.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:10

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 21:36

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	10		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.32	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW03A-CP-00-032813 Lab Sample ID: 460-53245-14
 Matrix: Water Lab File ID: r00740.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 21:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.63	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00740.d
 Report Date: 04-Apr-2013 23:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00740.d
 Lab Smp Id: 460-53245-A-14 Client Smp ID: EW03A-CP-00-032813
 Inj Date : 04-APR-2013 21:36
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-14
 Misc Info : 460-53245-A-14
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 48
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====	
16 Acetone	58	2.656	2.656	(0.518)	3463	10.2909	10	
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1992	1.89494	1.9	
42 Chloroform	83	4.354	4.348	(0.850)	1793	0.31999	0.32(a)	
44 Cyclohexane	56	4.472	4.478	(0.873)	3192	0.62622	0.63(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	149030	61.2013	61	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	527154	50.0000		
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	350578	49.7783	50	
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	362464	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	147741	48.1584	48	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	206647	50.0000		

QC Flag Legend

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

Data File: r00740.d

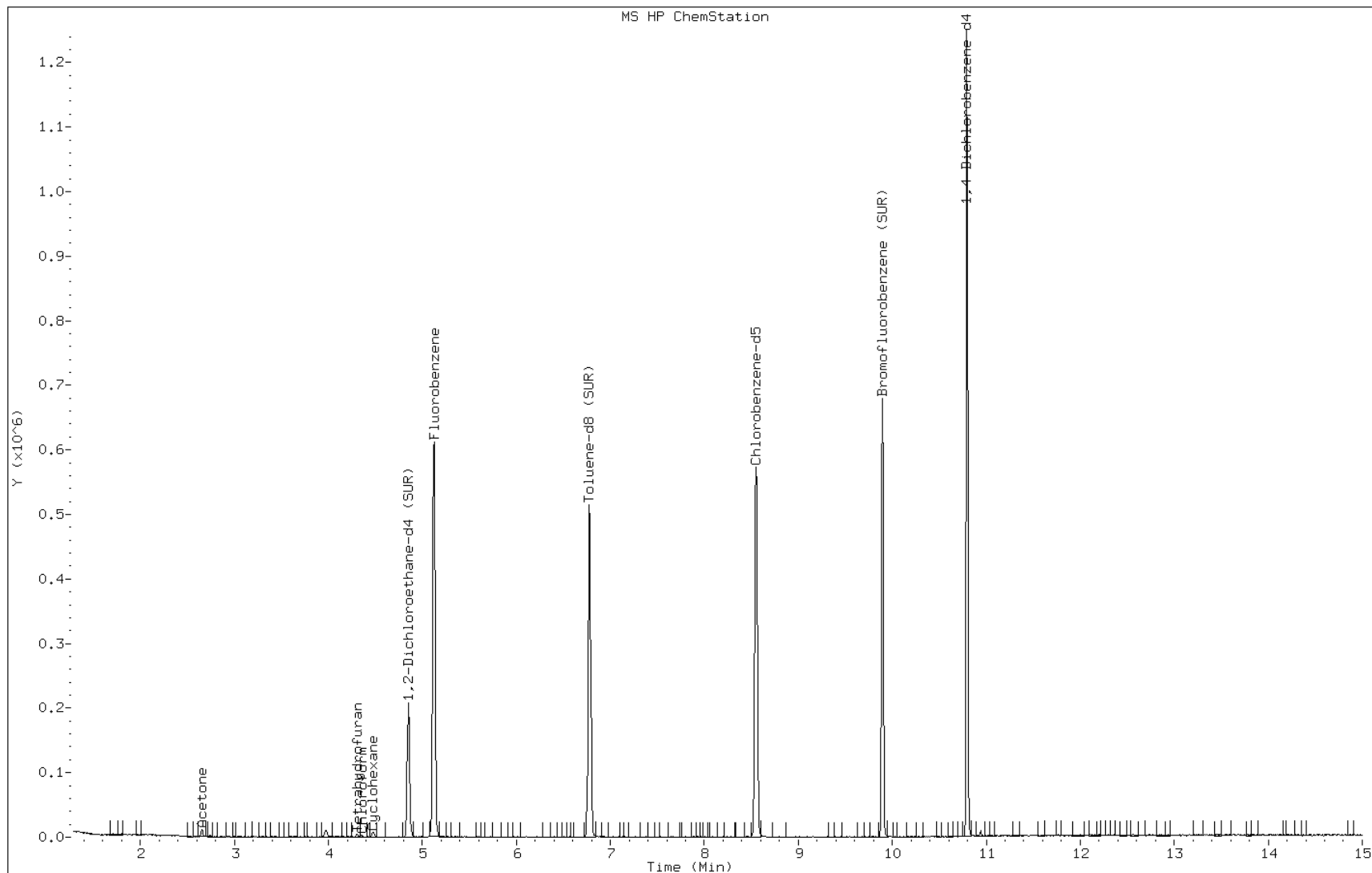
Date: 04-APR-2013 21:36

Client ID: EW03A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-14

Operator:



Data File: r00740.d

Date: 04-APR-2013 21:36

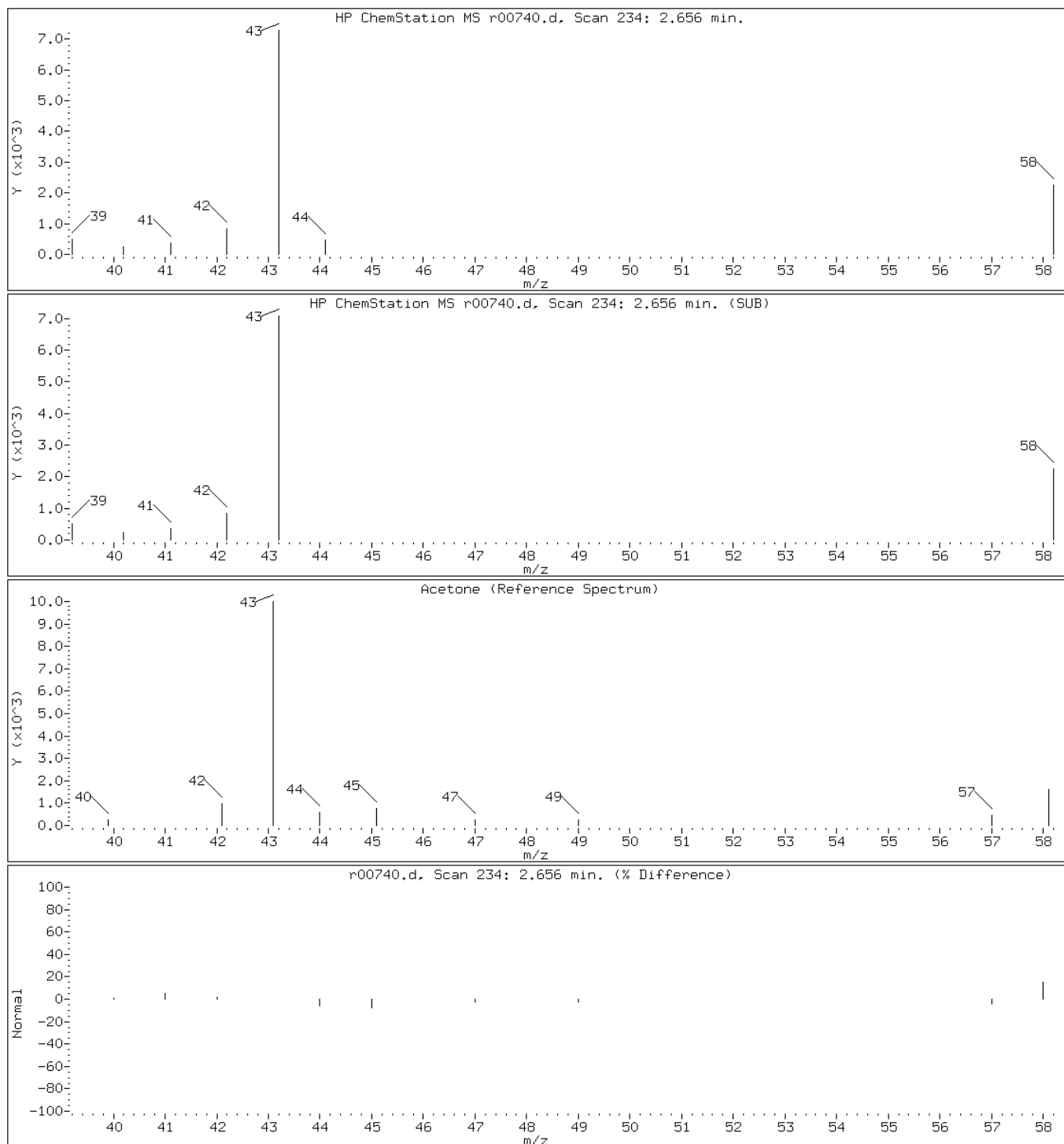
Client ID: EW03A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-14

Operator:

16 Acetone



Data File: r00740.d

Date: 04-APR-2013 21:36

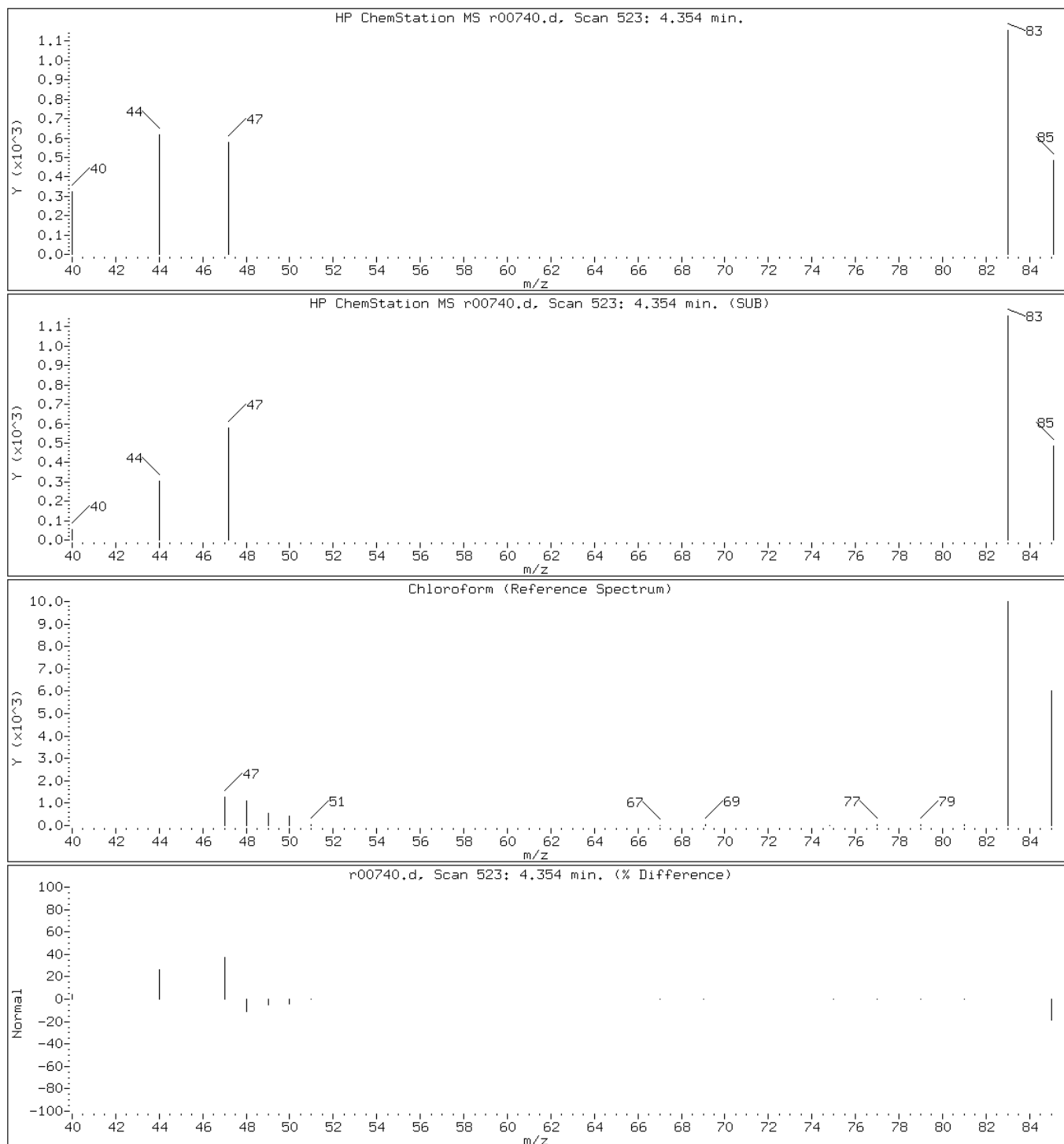
Client ID: EW03A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-14

Operator:

42 Chloroform



Data File: r00740.d

Date: 04-APR-2013 21:36

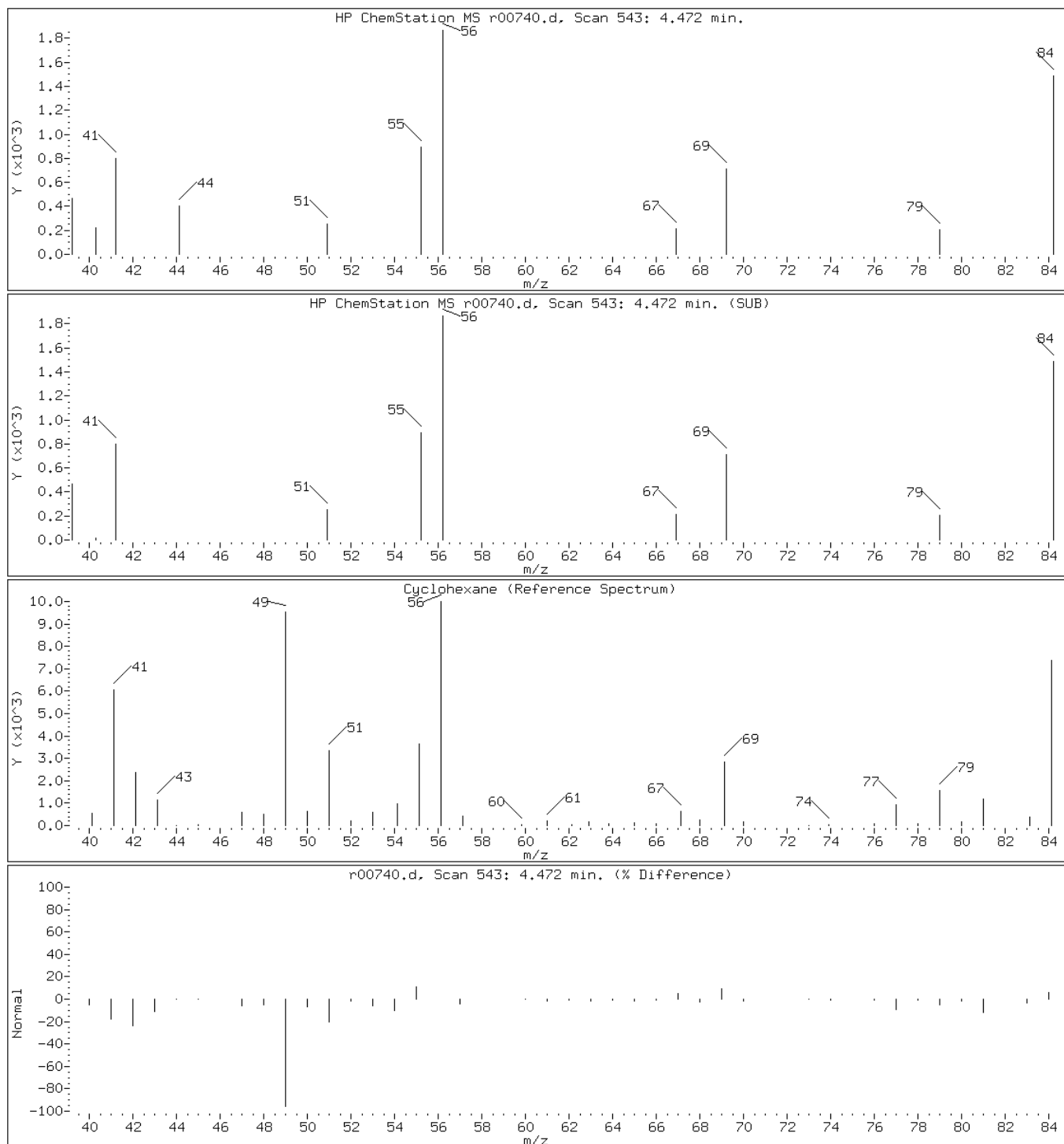
Client ID: EW03A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-14

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW03B-CP-00-032813 Lab Sample ID: 460-53245-15

Matrix: Water Lab File ID: r00751.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:18

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 09:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	9.8		5.0	2.7
75-15-0	Carbon disulfide	0.19	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW03B-CP-00-032813 Lab Sample ID: 460-53245-15
 Matrix: Water Lab File ID: r00751.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:18
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 09:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.19	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00751.d
 Report Date: 05-Apr-2013 13:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00751.d
 Lab Smp Id: 460-53245-A-15 Client Smp ID: EW03B-CP-00-032813
 Inj Date : 05-APR-2013 09:13
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-15
 Misc Info : 460-53245-A-15
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 28
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	====	==	=====	=====	=====	=====	=====
16 Acetone	58	2.656	2.656 (0.518)	3728	9.78342	9.8	
18 Carbon Disulfide	76	2.744	2.739 (0.536)	2088	0.18696	0.19(a)	
41 Tetrahydrofuran	42	4.313	4.301 (0.842)	2360	1.98259	2.0	
44 Cyclohexane	56	4.472	4.472 (0.873)	1091	0.18902	0.19(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848 (0.947)	166204	60.2758	60	
* 52 Fluorobenzene	96	5.124	5.124 (1.000)	596930	50.0000		
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775 (0.792)	387882	49.0998	49	
* 78 Chlorobenzene-d5	117	8.549	8.550 (1.000)	406575	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895 (0.917)	164769	46.9724	47	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794 (1.000)	236283	50.0000		

QC Flag Legend

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

Data File: r00751.d

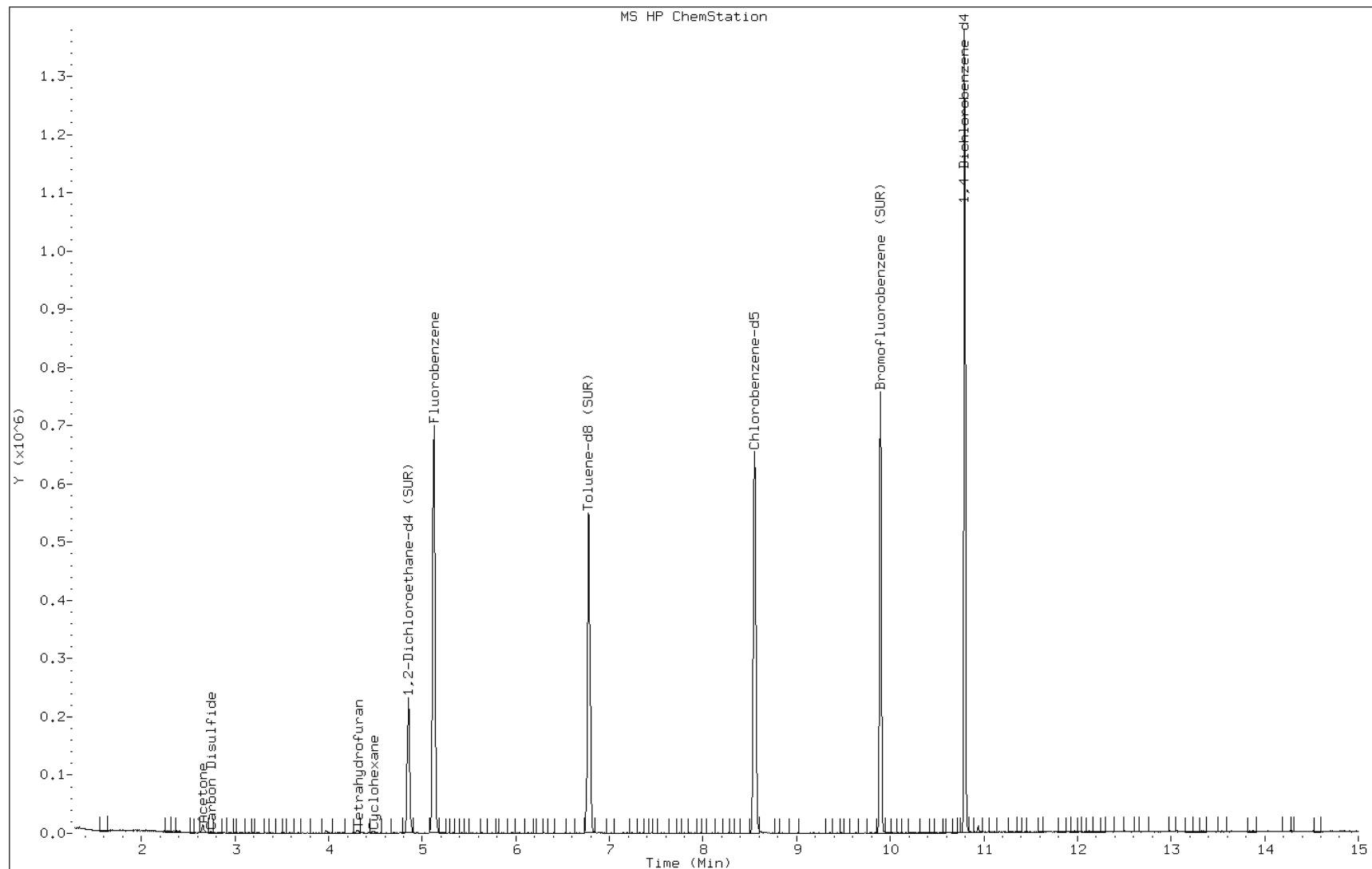
Date: 05-APR-2013 09:13

Client ID: EW03B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-15

Operator:



Data File: r00751.d

Date: 05-APR-2013 09:13

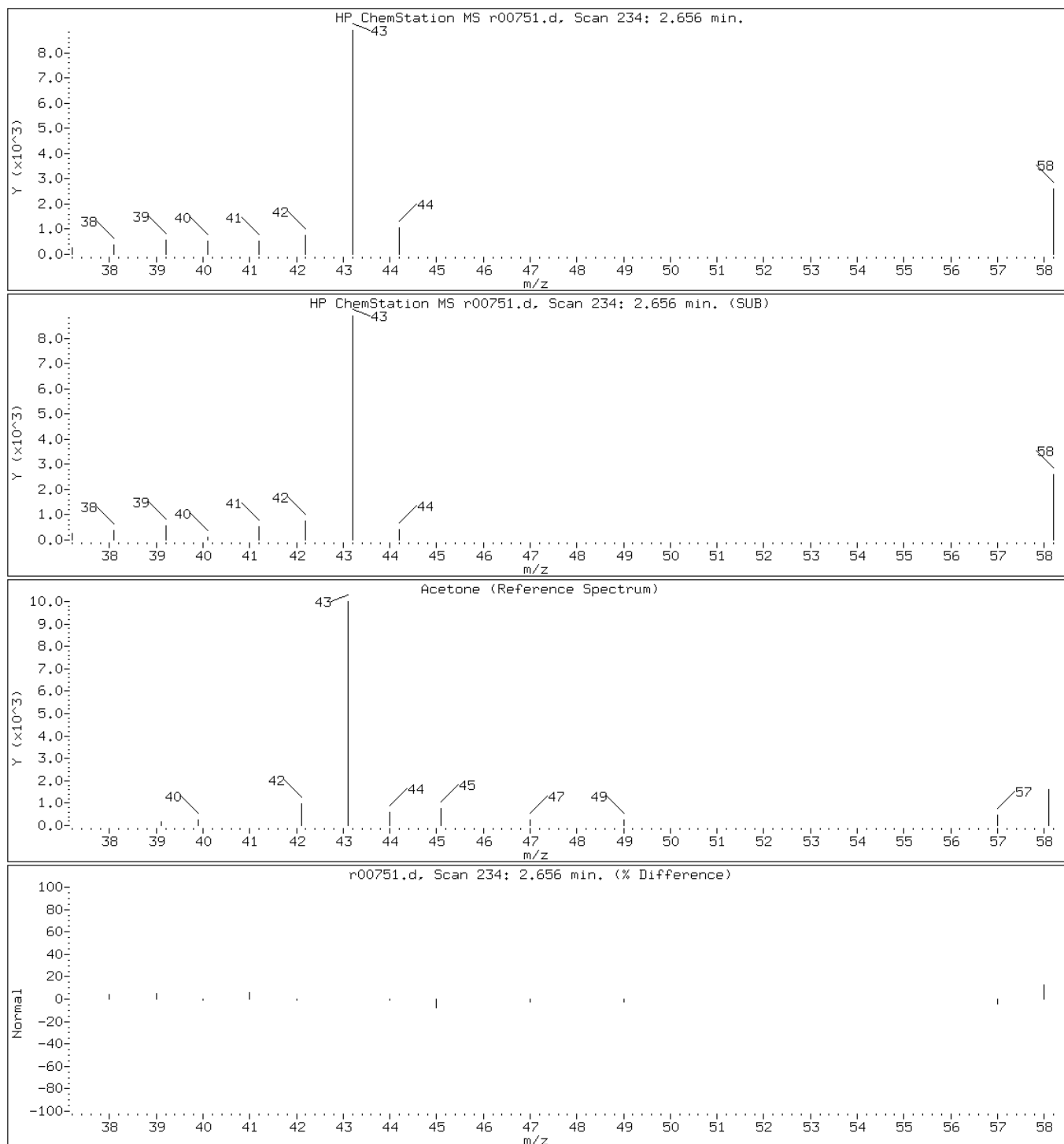
Client ID: EW03B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-15

Operator:

16 Acetone



Data File: r00751.d

Date: 05-APR-2013 09:13

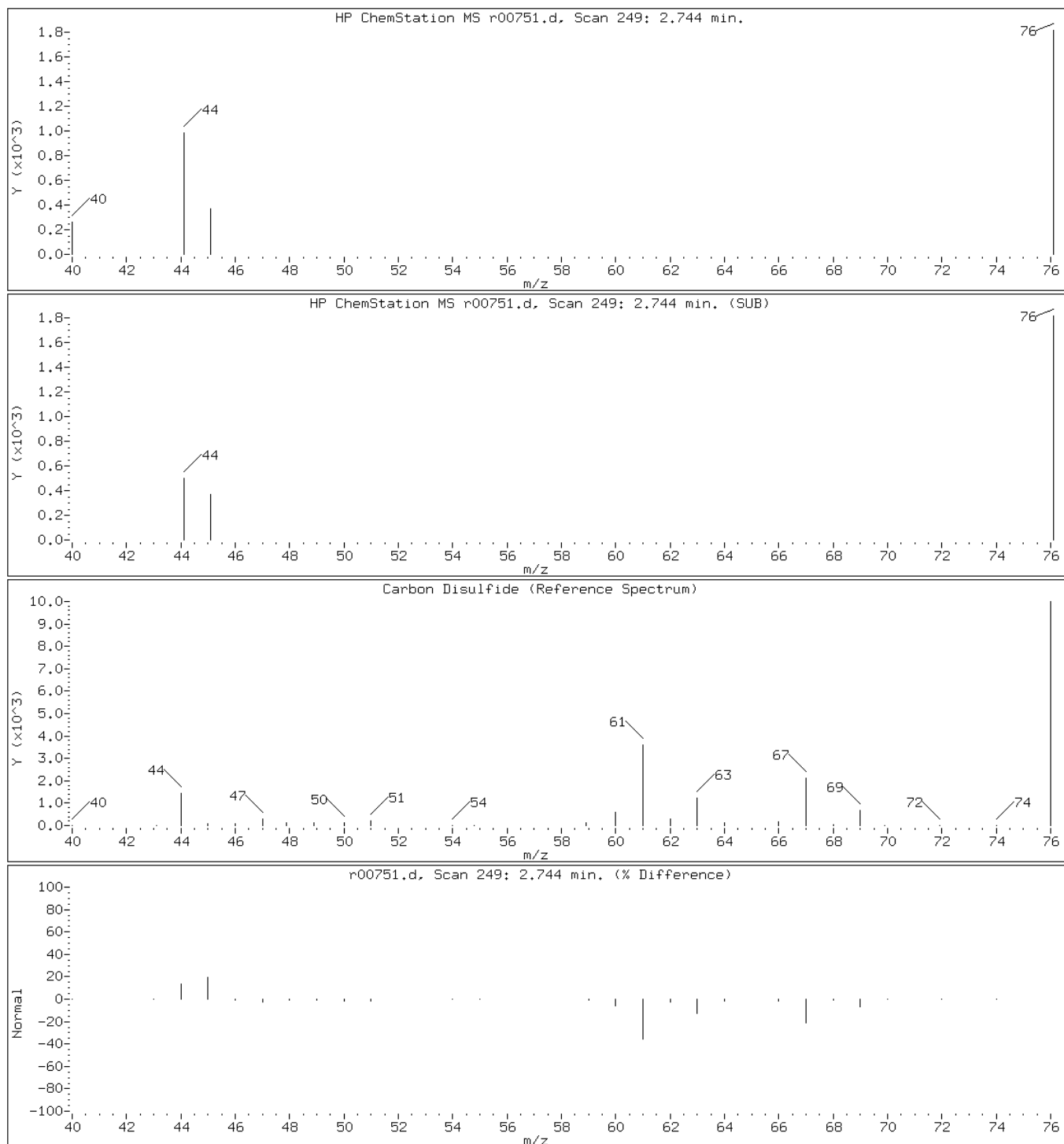
Client ID: EW03B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-15

Operator:

18 Carbon Disulfide



Data File: r00751.d

Date: 05-APR-2013 09:13

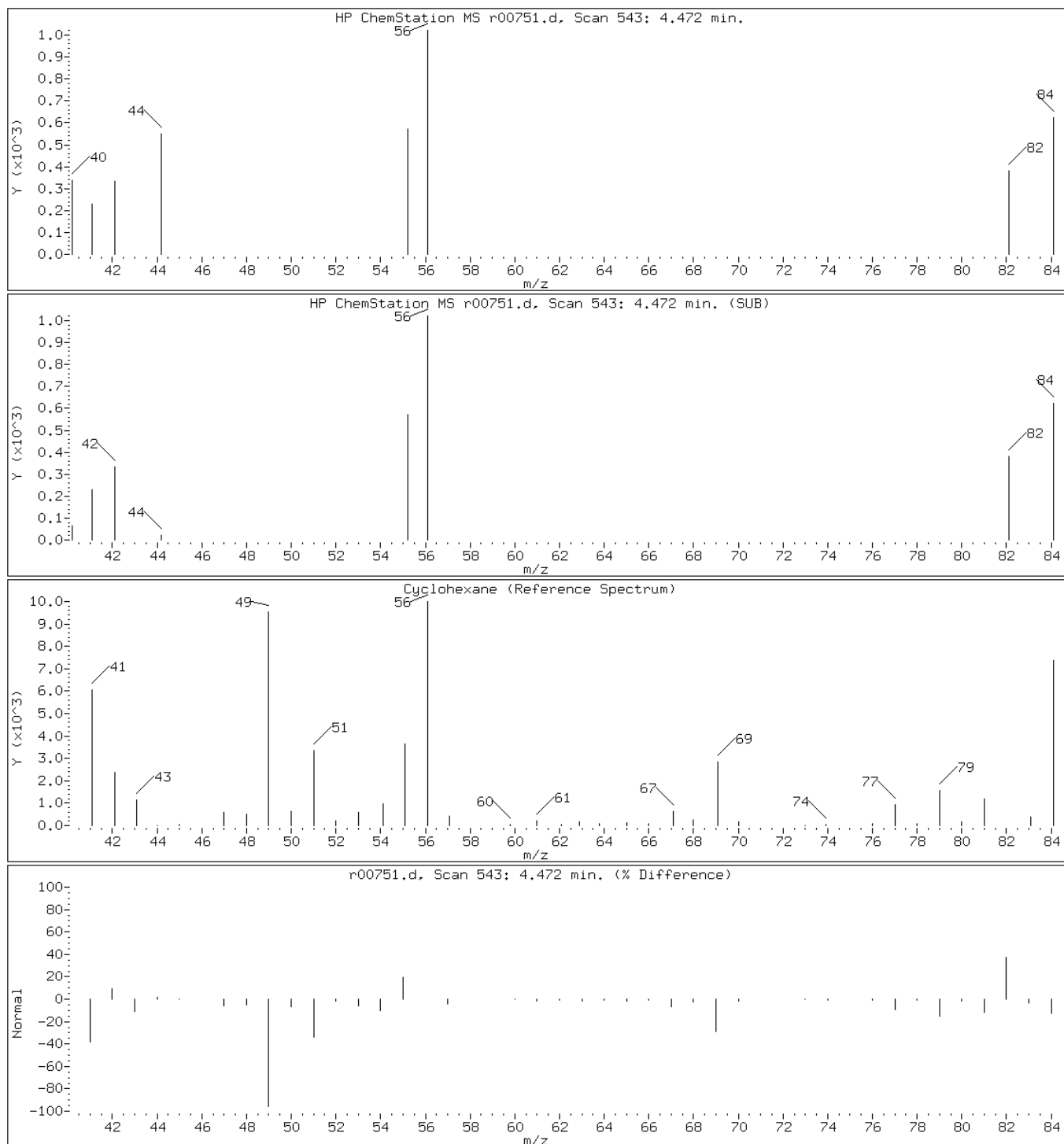
Client ID: EW03B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-15

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW03C-CP-00-032813 Lab Sample ID: 460-53245-16

Matrix: Water Lab File ID: r00752.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:23

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 09:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	15		5.0	2.7
75-15-0	Carbon disulfide	0.20	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.19	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW03C-CP-00-032813 Lab Sample ID: 460-53245-16
 Matrix: Water Lab File ID: r00752.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:23
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 09:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00752.d
Report Date: 05-Apr-2013 13:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00752.d
Lab Smp Id: 460-53245-C-16 Client Smp ID: EW03C-CP-00-032813
Inj Date : 05-APR-2013 09:38
Operator : Inst ID: VOAMS10.i
Smp Info : 460-53245-C-16
Misc Info : 460-53245-C-16
Comment :
Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
16 Acetone		58	2.656	2.656 (0.518)		5681	15.1589	15
18 Carbon Disulfide		76	2.744	2.739 (0.536)		2147	0.19546	0.20(a)
41 Tetrahydrofuran		42	4.313	4.301 (0.842)		1978	1.68956	1.7
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848 (0.947)		165453	61.0103	61
* 52 Fluorobenzene		96	5.124	5.124 (1.000)		587079	50.0000	
54 Trichloroethene		95	5.471	5.471 (1.068)		725	0.19487	0.19(a)
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		384008	49.0623	49
* 78 Chlorobenzene-d5		117	8.549	8.550 (1.000)		402822	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		167924	48.3284	48
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		234051	50.0000	

QC Flag Legend

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

Data File: r00752.d

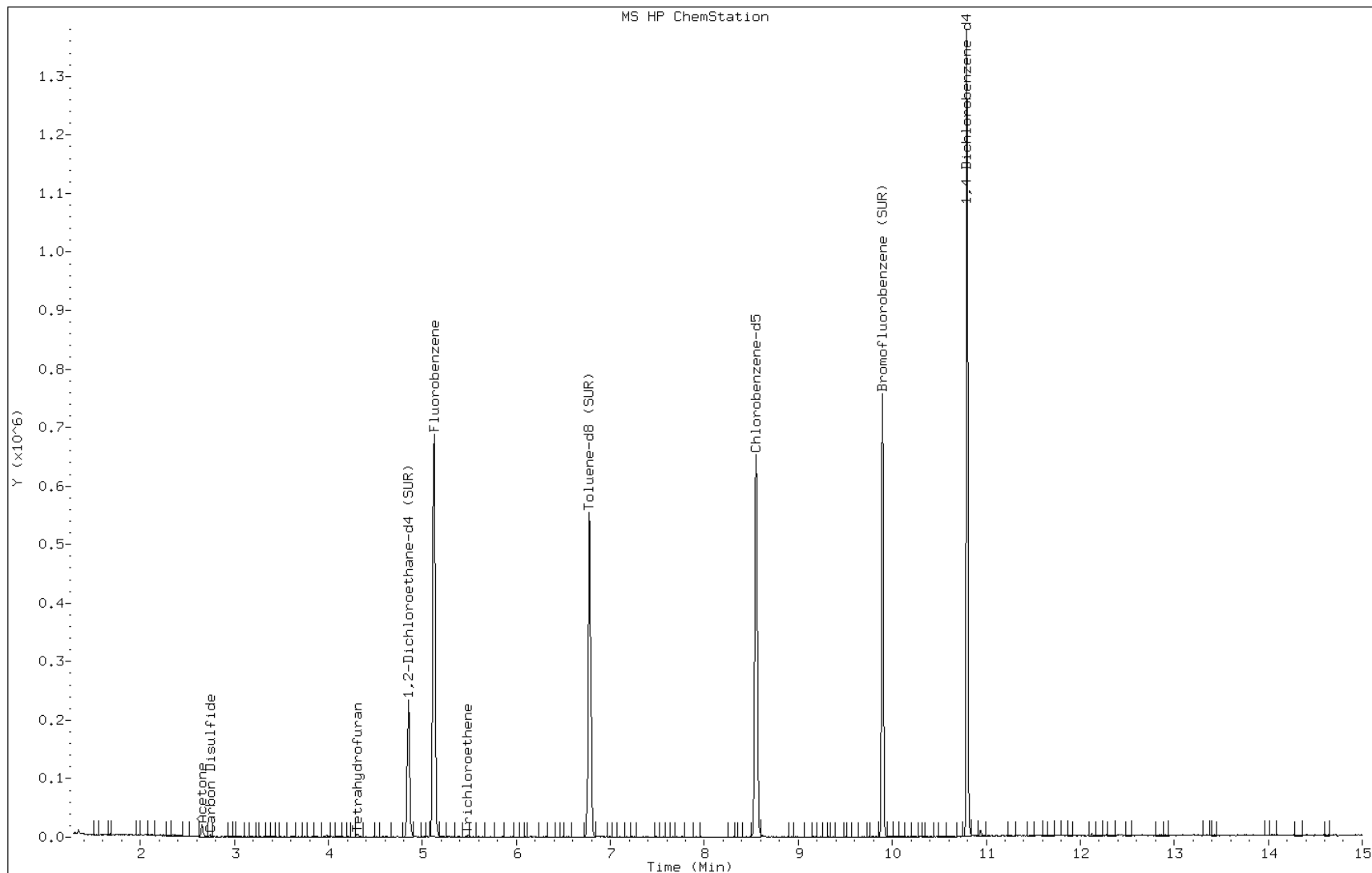
Date: 05-APR-2013 09:38

Client ID: EW03C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-16

Operator:



Data File: r00752.d

Date: 05-APR-2013 09:38

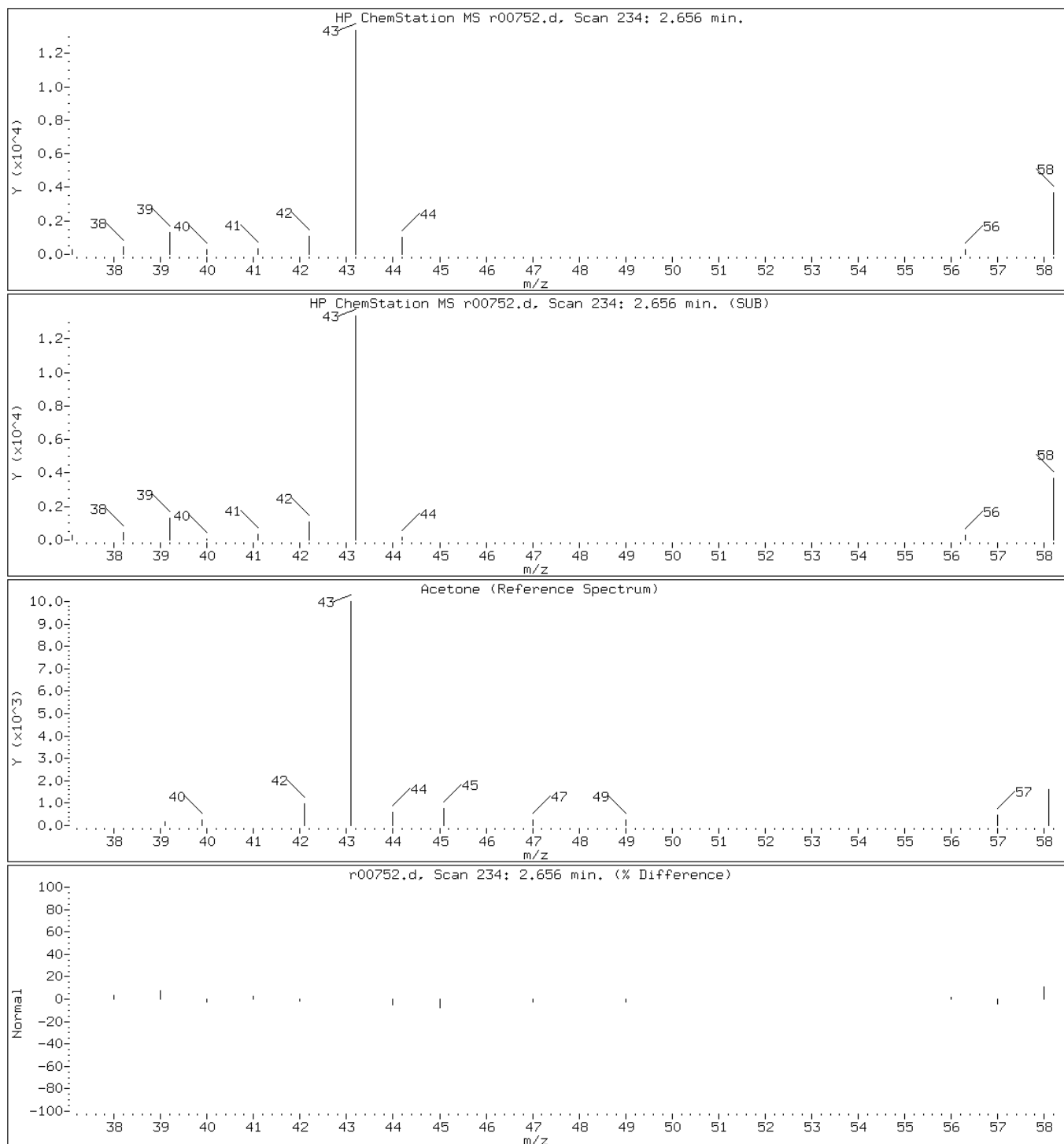
Client ID: EW03C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-16

Operator:

16 Acetone



Data File: r00752.d

Date: 05-APR-2013 09:38

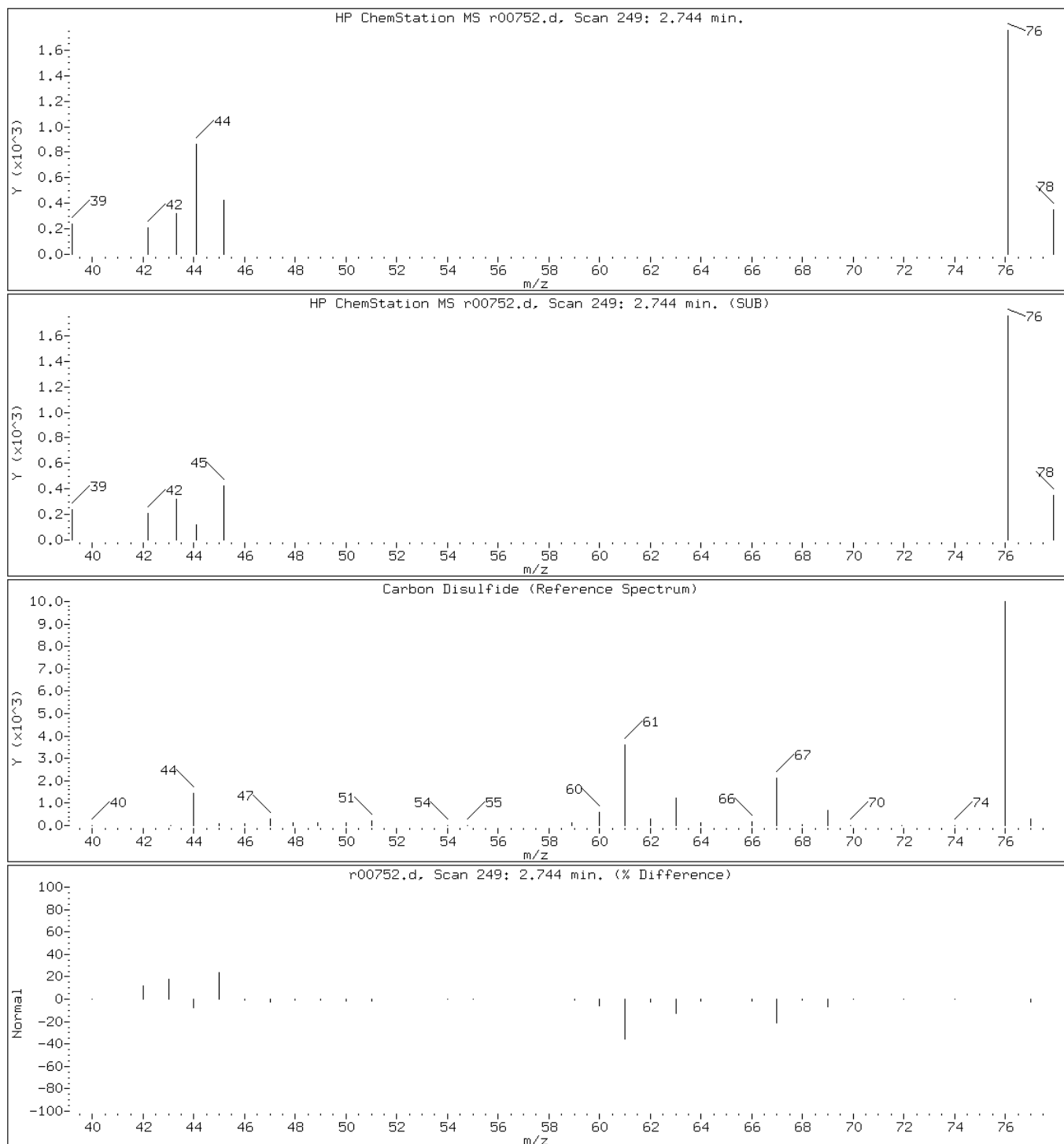
Client ID: EW03C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-16

Operator:

18 Carbon Disulfide



Data File: r00752.d

Date: 05-APR-2013 09:38

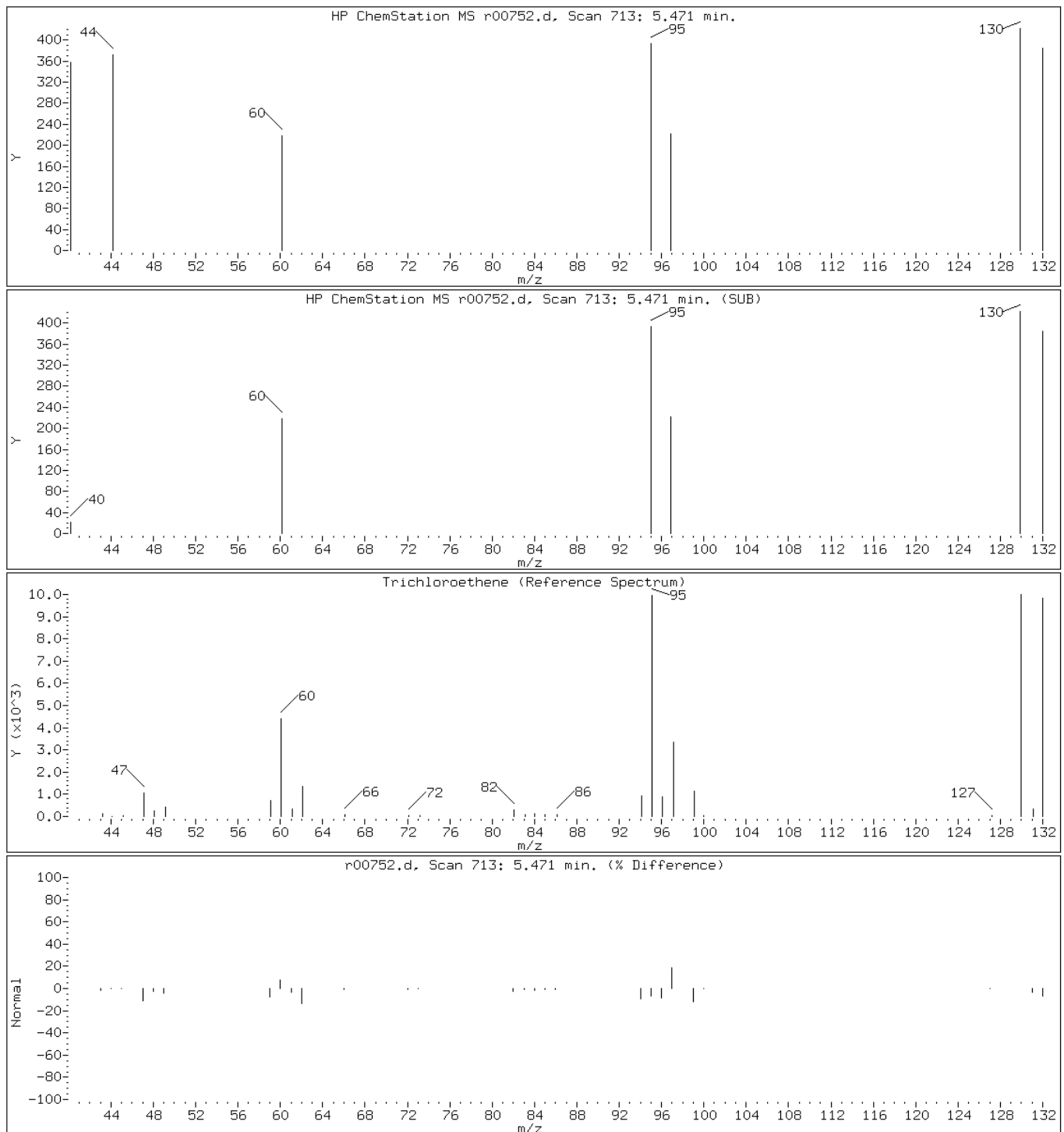
Client ID: EW03C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-16

Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW04A-CP-00-032813 Lab Sample ID: 460-53245-17

Matrix: Water Lab File ID: r00753.d

Analysis Method: 8260B Date Collected: 03/26/2013 09:56

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 10:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	10		5.0	2.7
75-15-0	Carbon disulfide	0.22	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.34	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.17	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.16	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	2.6		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW04A-CP-00-032813 Lab Sample ID: 460-53245-17
 Matrix: Water Lab File ID: r00753.d
 Analysis Method: 8260B Date Collected: 03/26/2013 09:56
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 10:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.49	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00753.d
 Report Date: 05-Apr-2013 13:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00753.d
 Lab Smp Id: 460-53245-C-17 Client Smp ID: EW04A-CP-00-032813
 Inj Date : 05-APR-2013 10:04
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-17
 Misc Info : 460-53245-C-17
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 30
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
16 Acetone	58	2.656	2.656 (0.518)		3857		10.2880	10
18 Carbon Disulfide	76	2.744	2.739 (0.536)		2363		0.21507	0.22(a)
36 cis-1,2-Dichloroethene	96	4.084	4.078 (0.797)		1373		0.33936	0.34(a)
41 Tetrahydrofuran	42	4.307	4.301 (0.841)		2056		1.75537	1.8
44 Cyclohexane	56	4.472	4.472 (0.873)		2772		0.48812	0.49(a)
43 1,1,1-Trichloroethane	97	4.489	4.489 (0.876)		949		0.17096	0.17(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848 (0.947)		162864		60.0232	60
* 52 Fluorobenzene	96	5.124	5.124 (1.000)		587395		50.0000	
54 Trichloroethene	95	5.471	5.471 (1.068)		585		0.15719	0.16(a)
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775 (0.792)		384285		49.4303	49
71 Tetrachloroethene	166	7.451	7.457 (0.871)		9543		2.61008	2.6
* 78 Chlorobenzene-d5	117	8.550	8.550 (1.000)		400112		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895 (0.917)		167948		48.0548	48
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794 (1.000)		235417		50.0000	
M 120 1,2-Dichloroethene (Total)	100				1373		0.33936	0.34(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00753.d
Report Date: 05-Apr-2013 13:02

QC Flag Legend

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

Data File: r00753.d

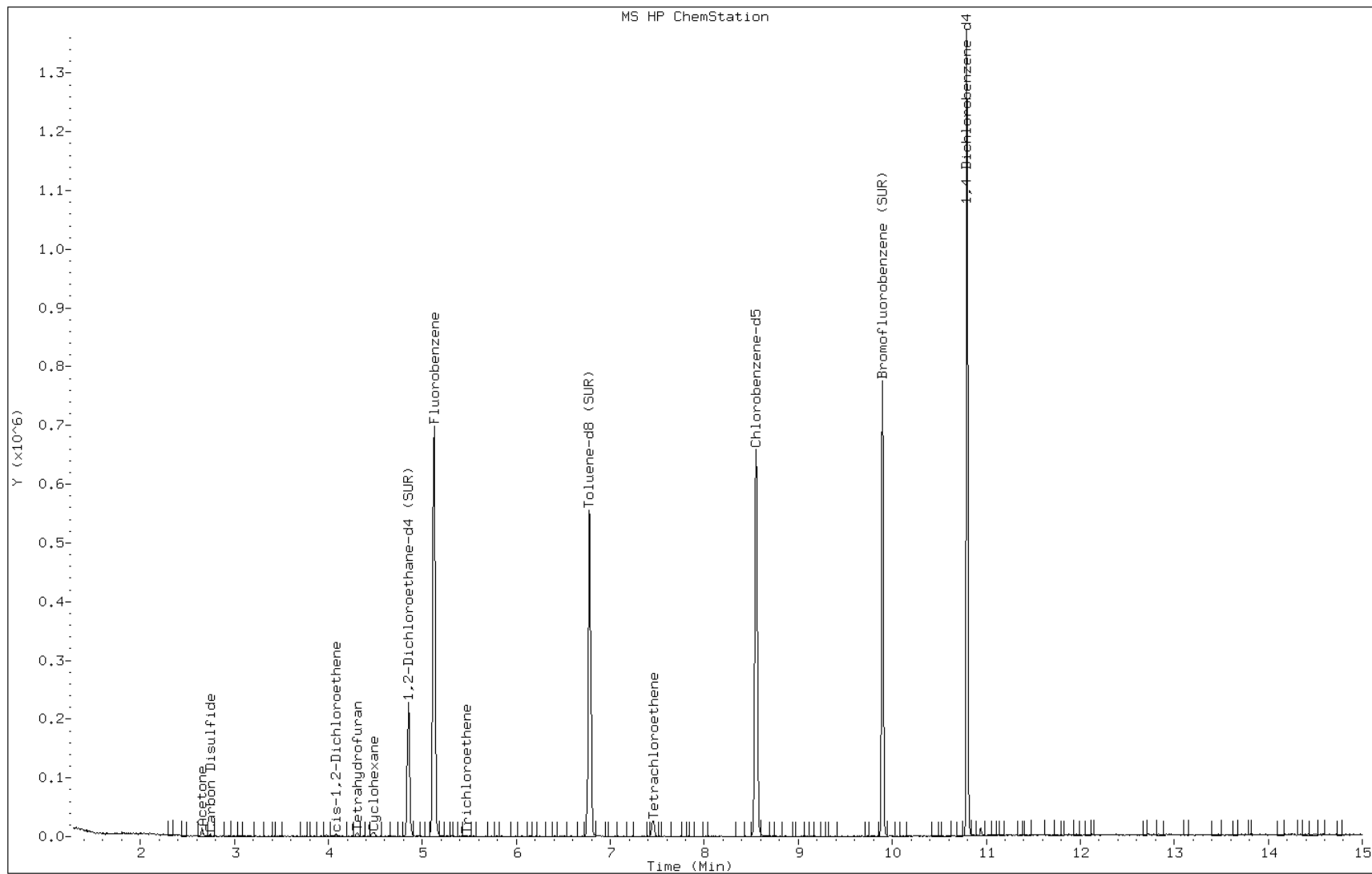
Date: 05-APR-2013 10:04

Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:



Data File: r00753.d

Date: 05-APR-2013 10:04

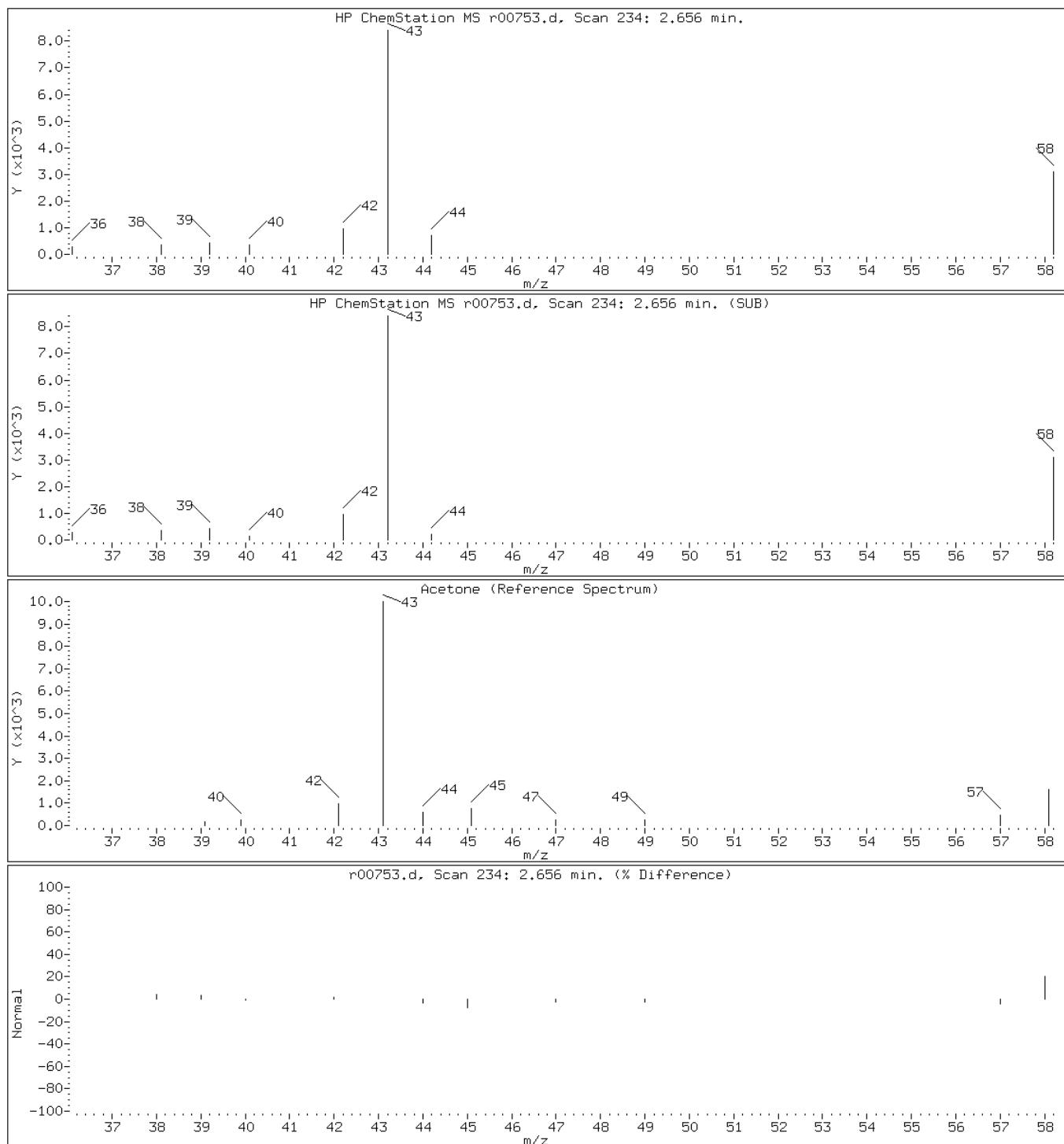
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

16 Acetone



Data File: r00753.d

Date: 05-APR-2013 10:04

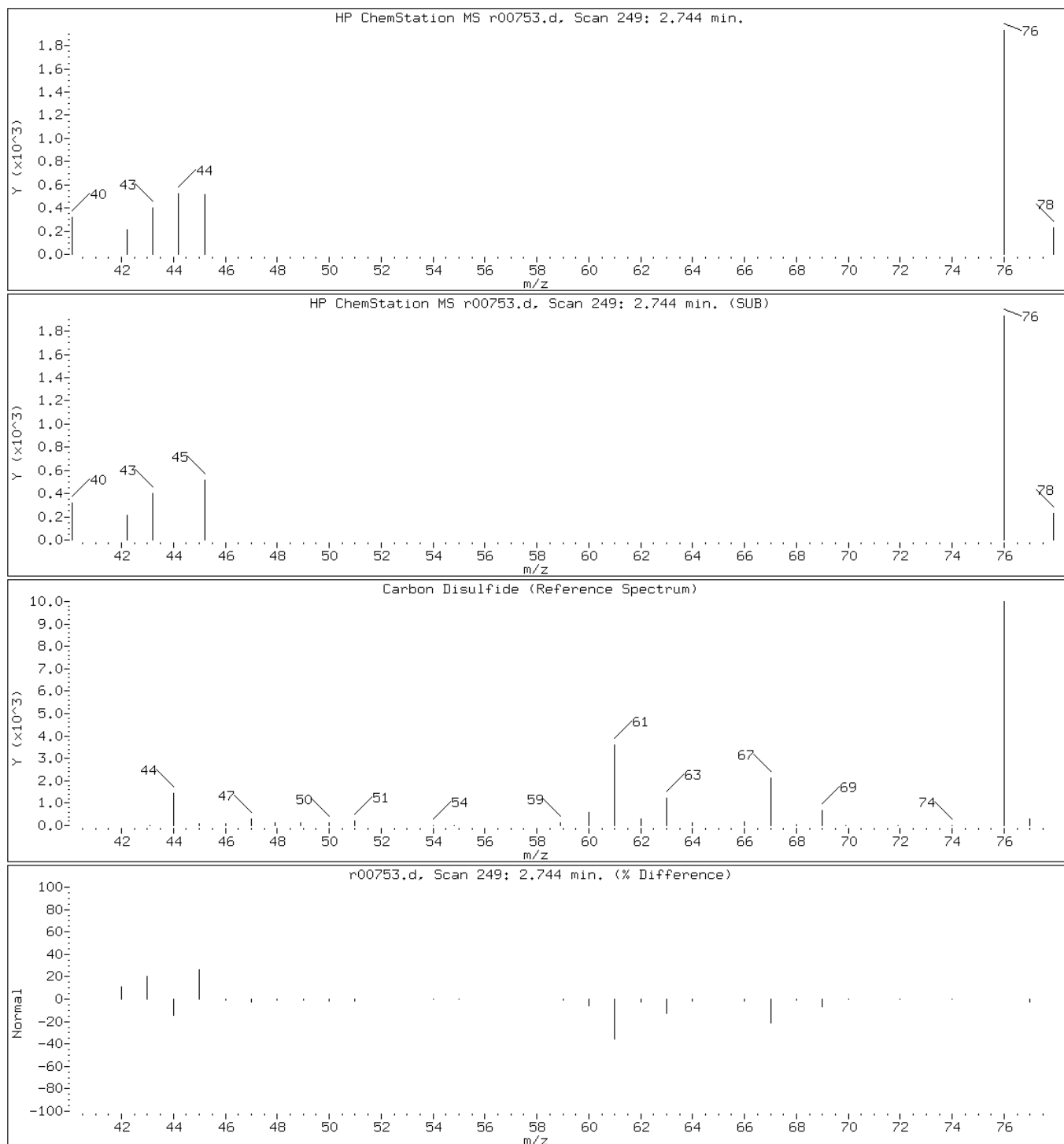
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

18 Carbon Disulfide



Data File: r00753.d

Date: 05-APR-2013 10:04

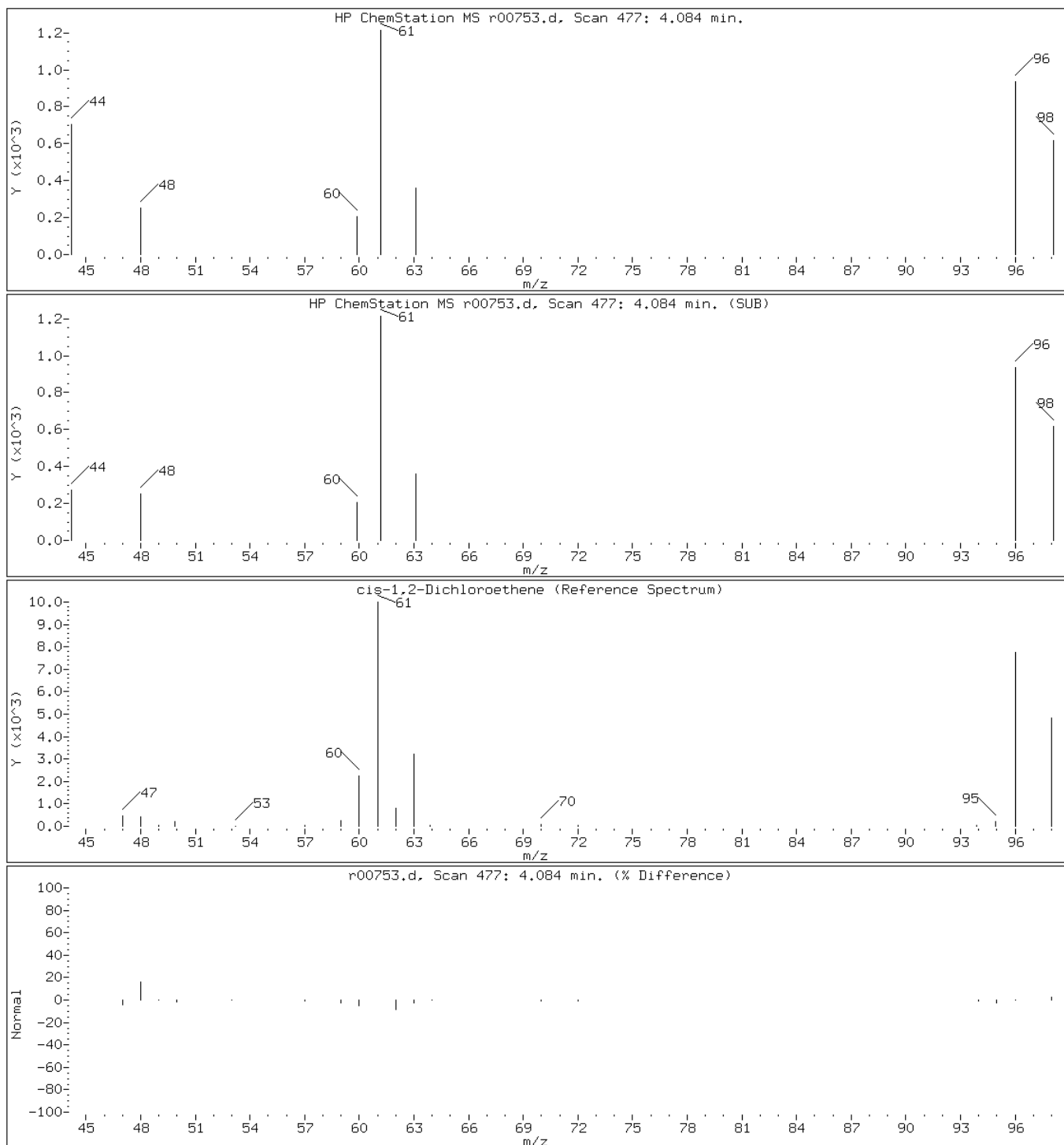
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

36 cis-1,2-Dichloroethene



Data File: r00753.d

Date: 05-APR-2013 10:04

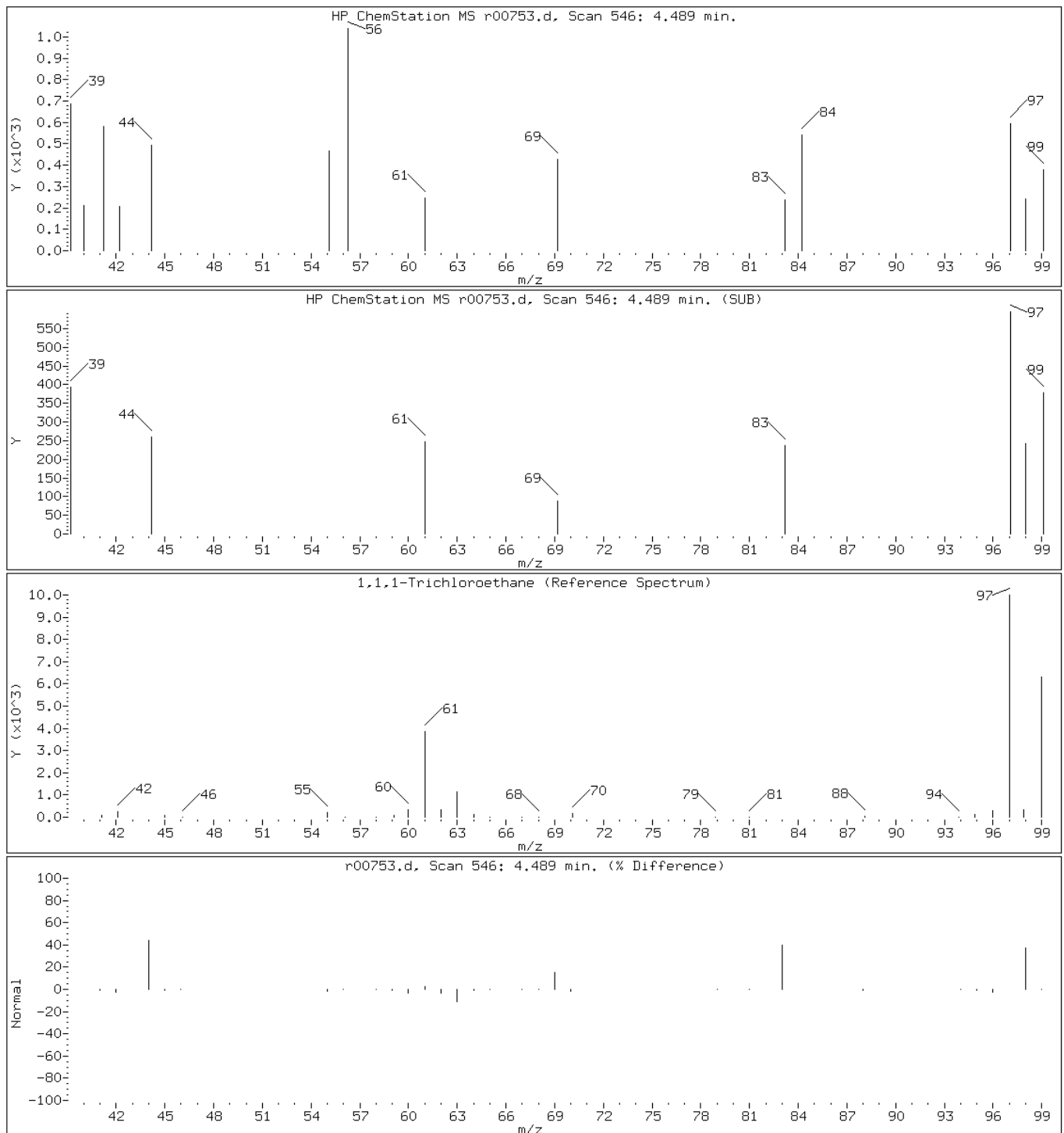
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

43 1,1,1-Trichloroethane



Data File: r00753.d

Date: 05-APR-2013 10:04

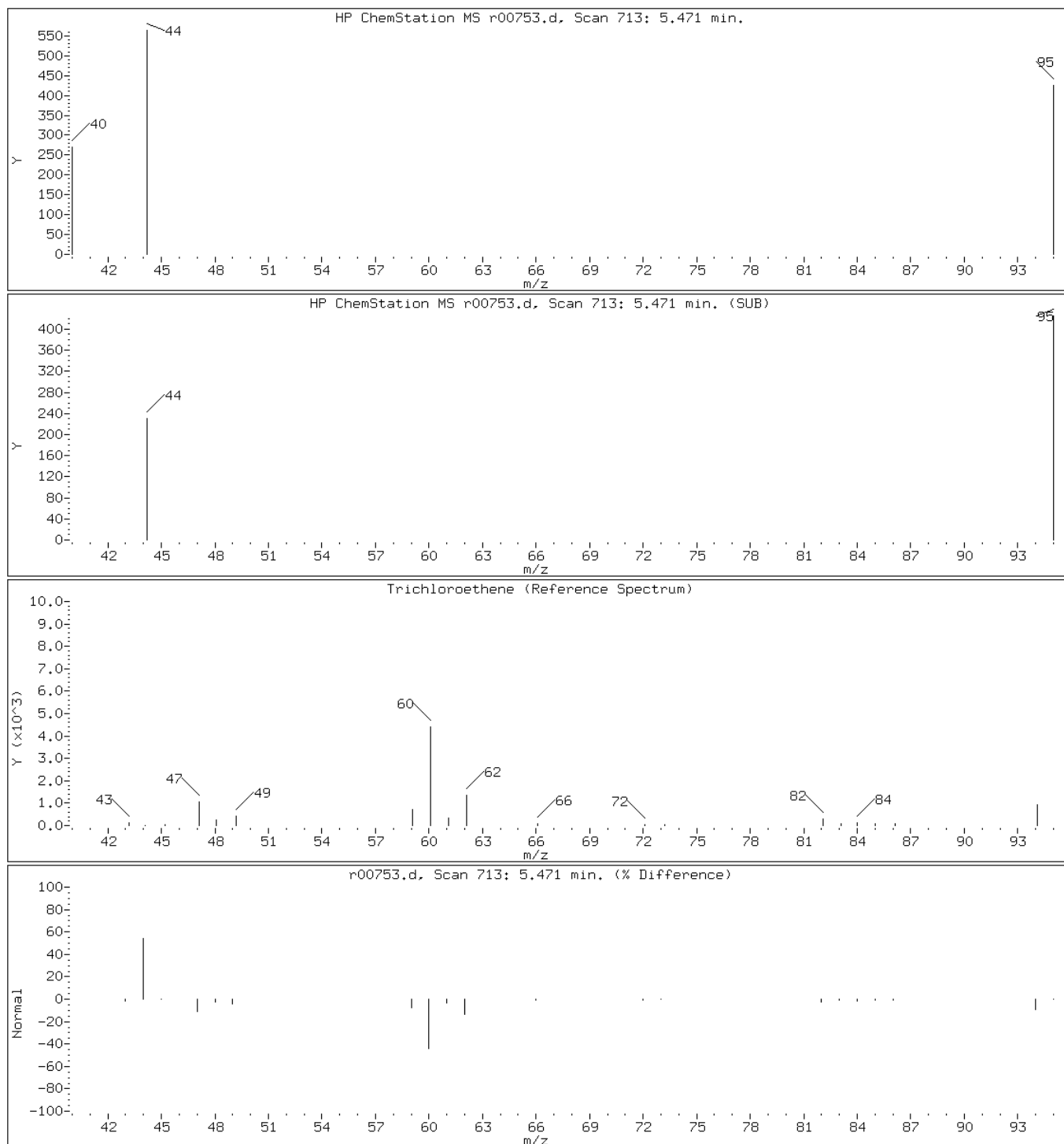
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

54 Trichloroethene



Data File: r00753.d

Date: 05-APR-2013 10:04

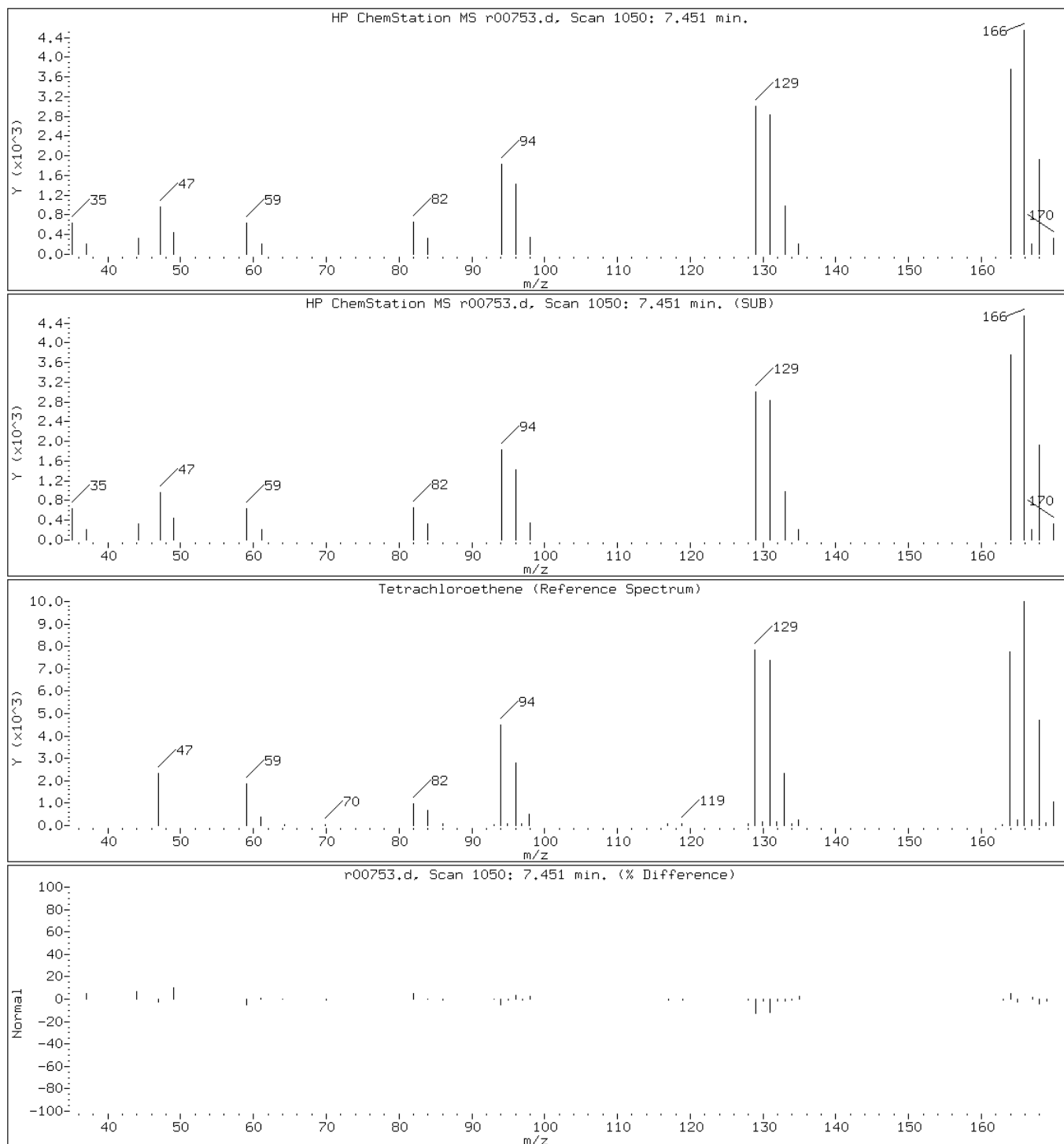
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

71 Tetrachloroethene



Data File: r00753.d

Date: 05-APR-2013 10:04

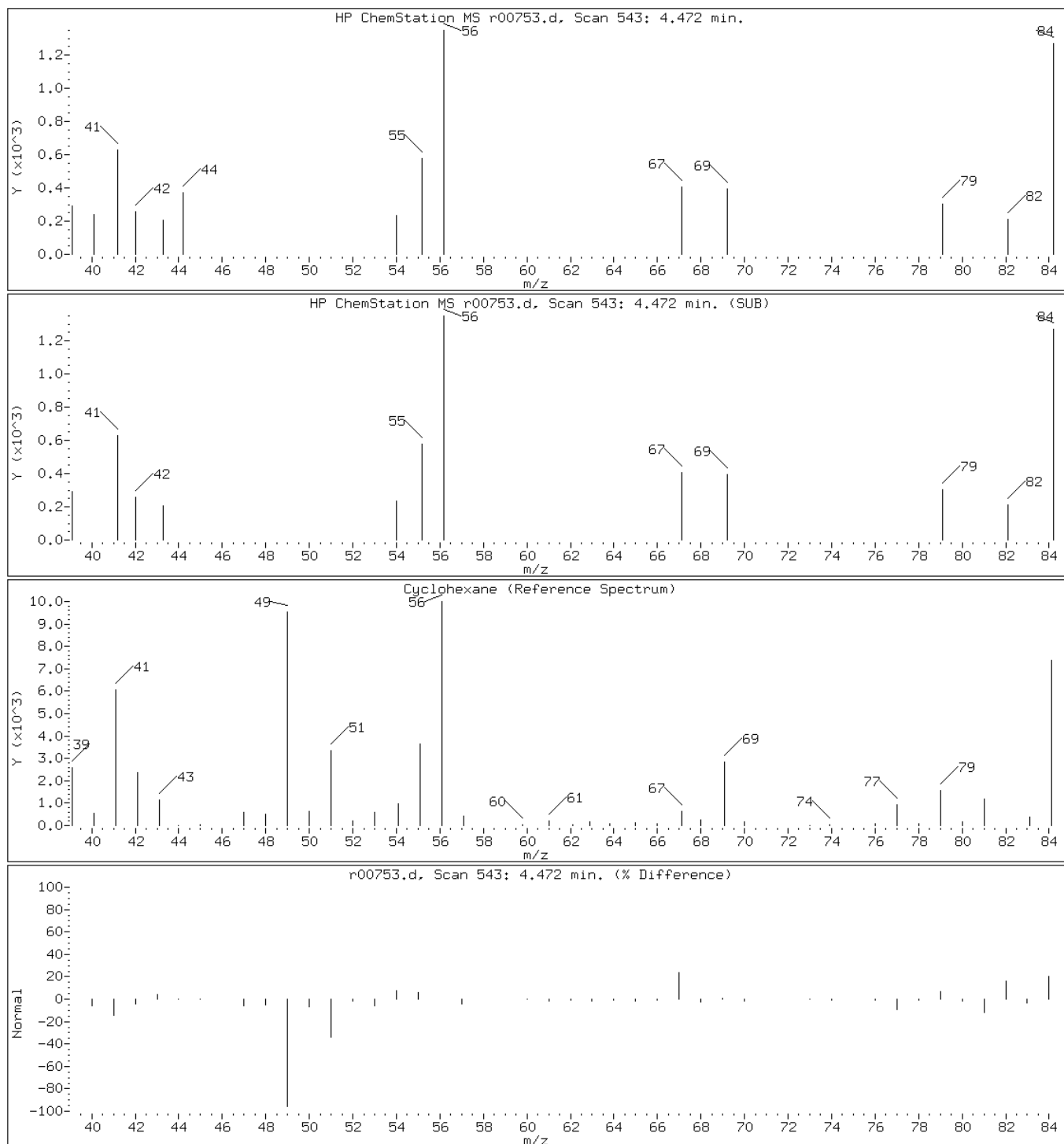
Client ID: EW04A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-17

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW04B-CP-00-032813 Lab Sample ID: 460-53245-18

Matrix: Water Lab File ID: r00754.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:03

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 10:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	0.21	J	1.0	0.13
75-69-4	Trichlorofluoromethane	0.25	J	1.0	0.15
75-35-4	1,1-Dichloroethene	0.96	J	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.9		1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	4.9		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.6		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW04B-CP-00-032813 Lab Sample ID: 460-53245-18
 Matrix: Water Lab File ID: r00754.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:03
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 10:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.36	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00754.d
 Report Date: 05-Apr-2013 13:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00754.d
 Lab Smp Id: 460-53245-C-18 Client Smp ID: EW04B-CP-00-032813
 Inj Date : 05-APR-2013 10:29
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-18
 Misc Info : 460-53245-C-18
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 31
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
7 Trichlorofluoromethane		101	2.139	2.133 (0.417)		1415	0.25472	0.25(a)
15 1,1-Dichloroethene		96	2.568	2.562 (0.501)		2693	0.95557	0.96(a)
16 Acetone		58	2.656	2.656 (0.518)		5173	14.0074	14
18 Carbon Disulfide		76	2.739	2.739 (0.534)		2281	0.21073	0.21(a)
41 Tetrahydrofuran		42	4.307	4.301 (0.841)		1668	1.44583	1.4
44 Cyclohexane		56	4.478	4.472 (0.874)		2037	0.36414	0.36(a)
43 1,1,1-Trichloroethane		97	4.495	4.489 (0.877)		10547	1.92784	1.9(H)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848 (0.947)		162695	60.8803	61
* 52 Fluorobenzene		96	5.124	5.124 (1.000)		578525	50.0000	
54 Trichloroethene		95	5.465	5.471 (1.066)		17931	4.89084	4.9
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		377780	49.3303	49
71 Tetrachloroethene		166	7.457	7.457 (0.872)		5898	1.63751	1.6
* 78 Chlorobenzene-d5		117	8.550	8.550 (1.000)		394136	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		163775	47.6296	48
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		231617	50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00754.d
Report Date: 05-Apr-2013 13:34

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00754.d

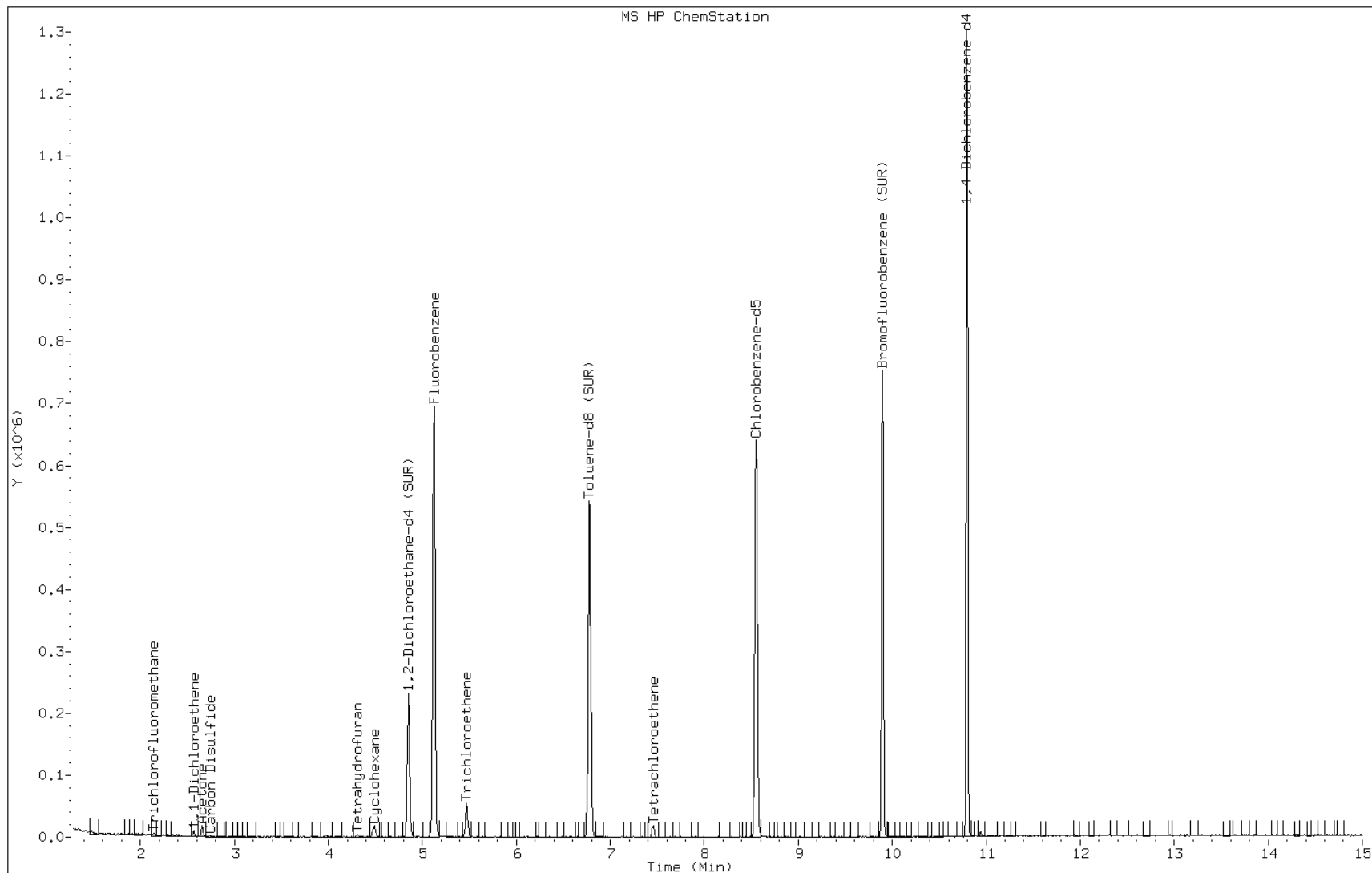
Date: 05-APR-2013 10:29

Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:



Data File: r00754.d

Date: 05-APR-2013 10:29

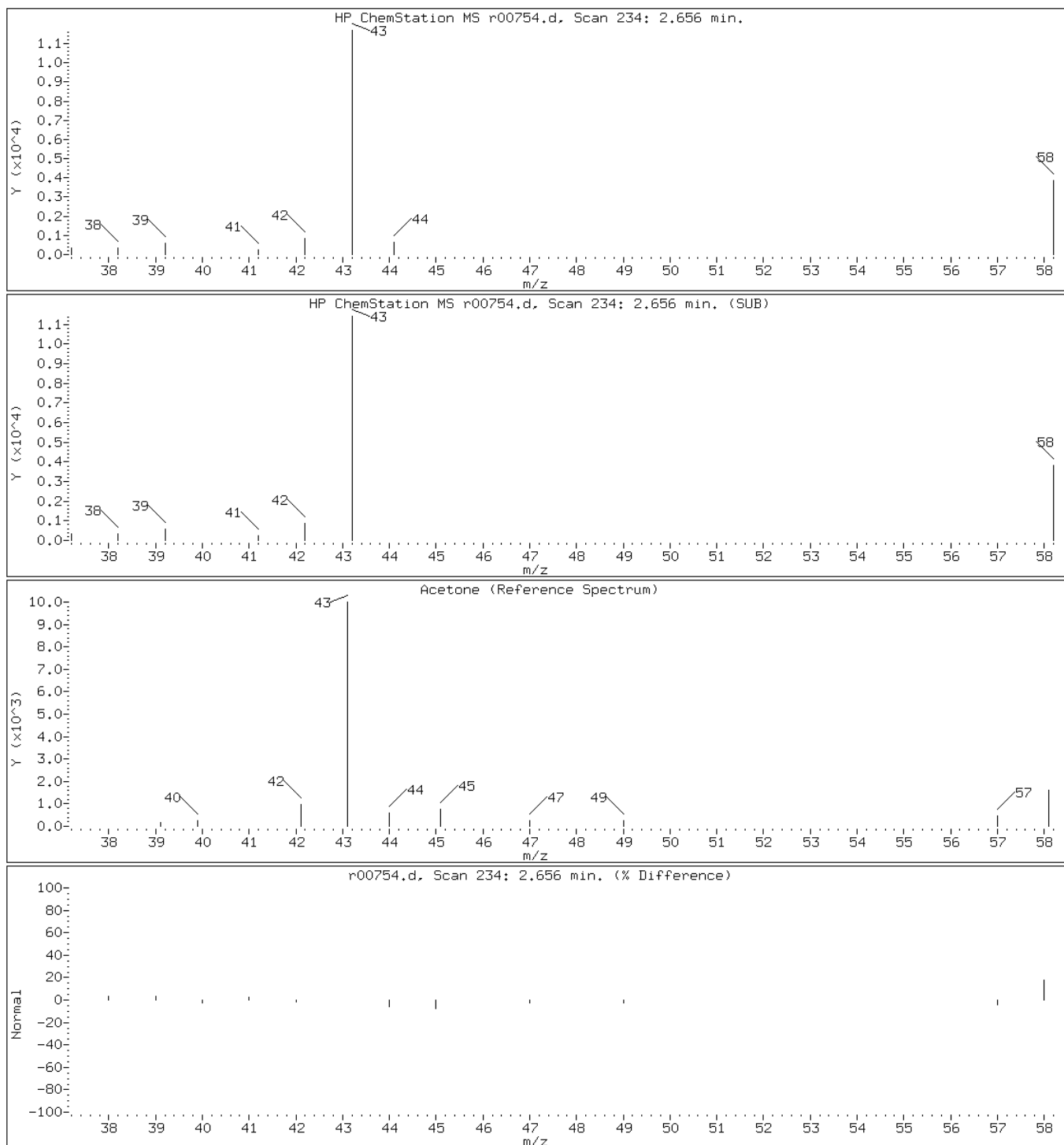
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

16 Acetone



Data File: r00754.d

Date: 05-APR-2013 10:29

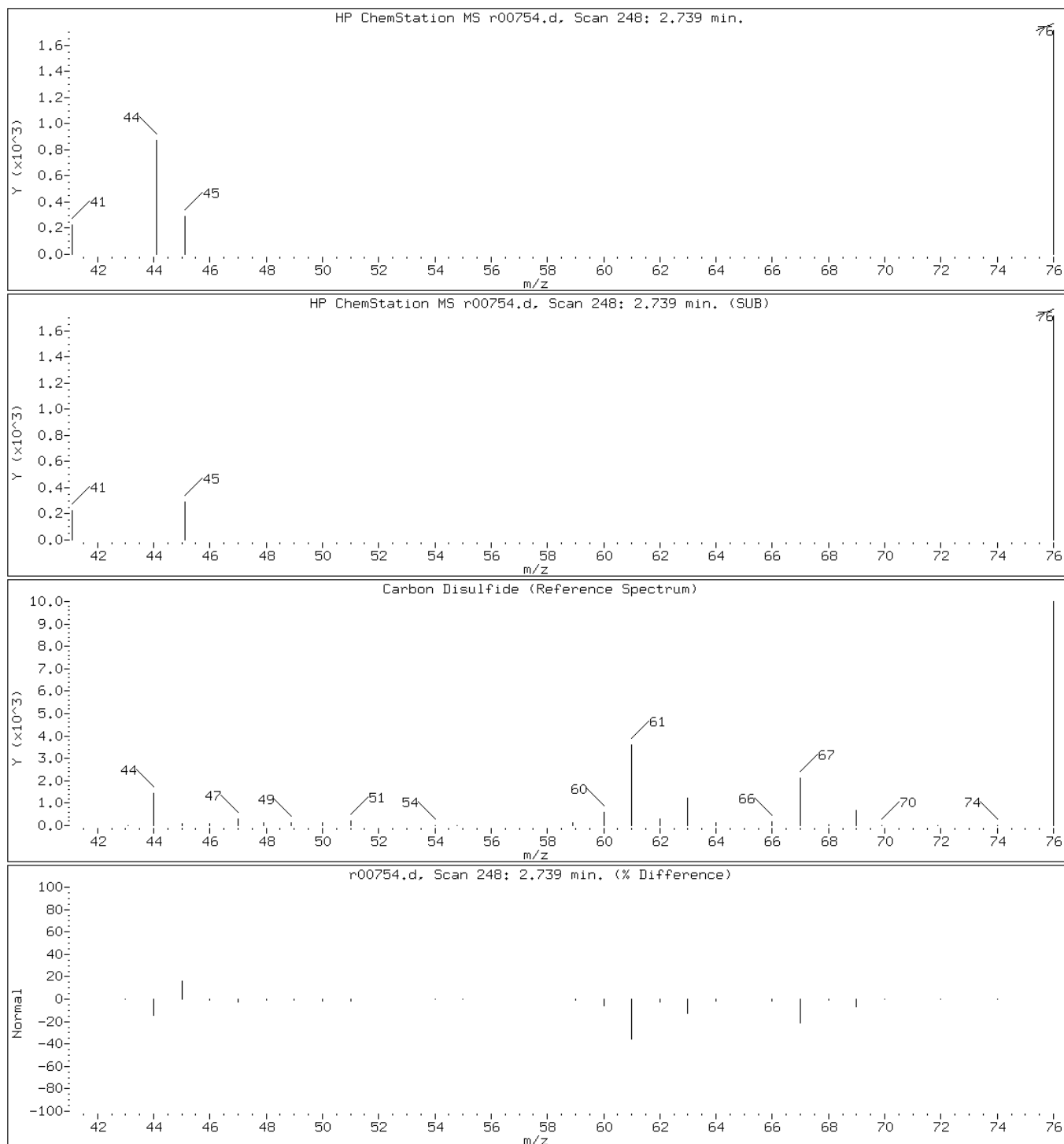
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

18 Carbon Disulfide



Data File: r00754.d

Date: 05-APR-2013 10:29

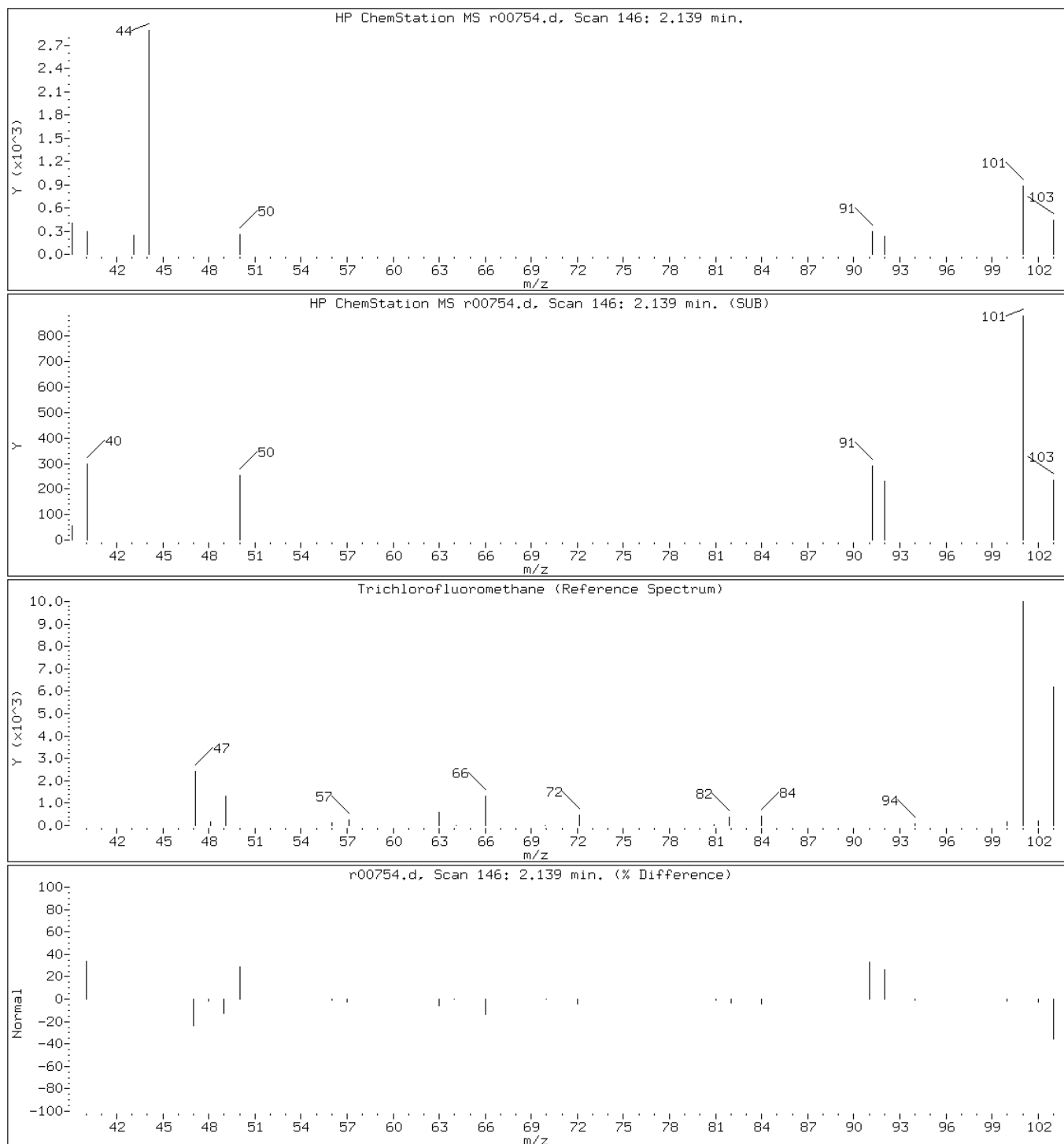
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

7 Trichlorofluoromethane



Data File: r00754.d

Date: 05-APR-2013 10:29

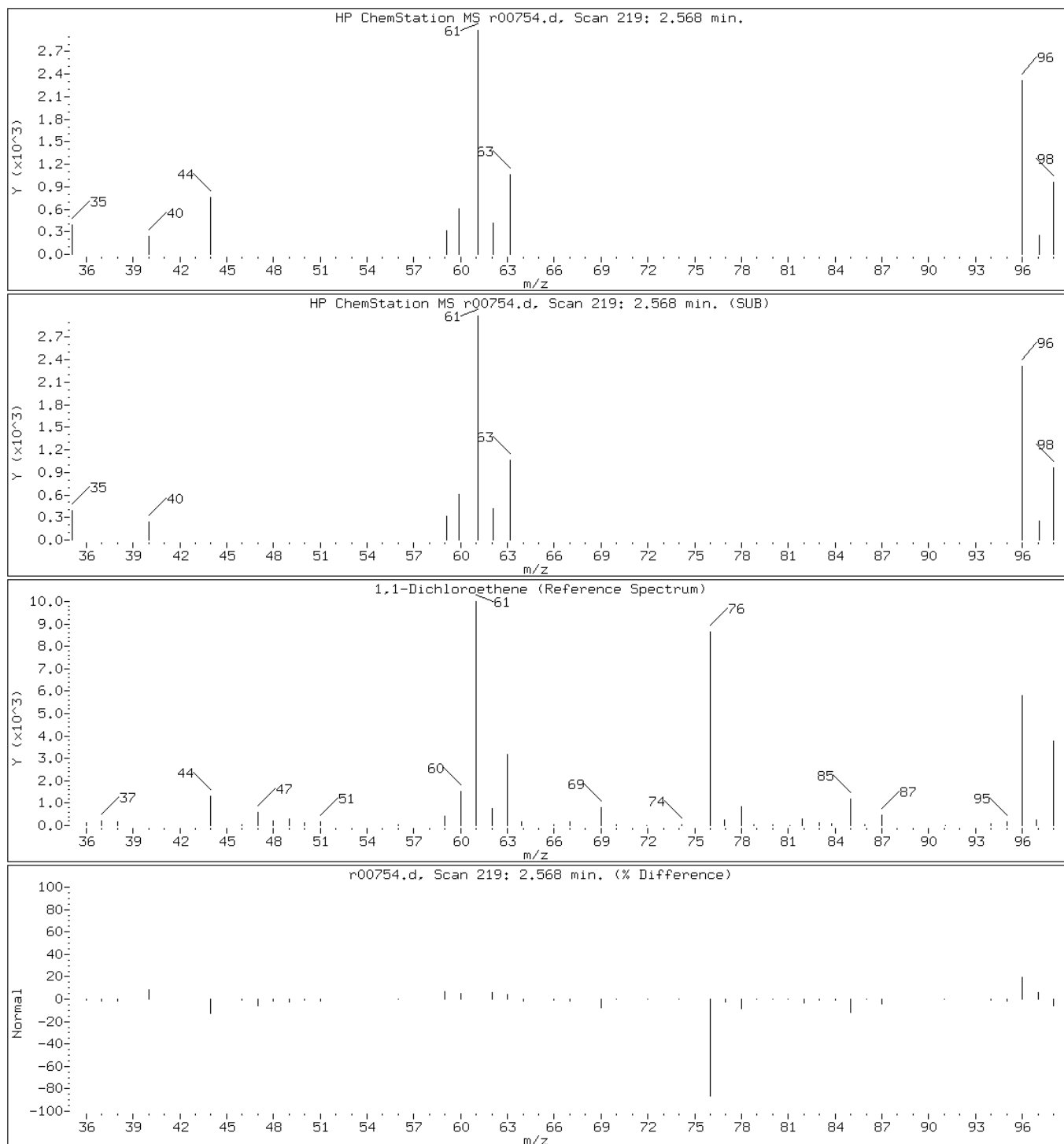
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

15 1,1-Dichloroethene



Data File: r00754.d

Date: 05-APR-2013 10:29

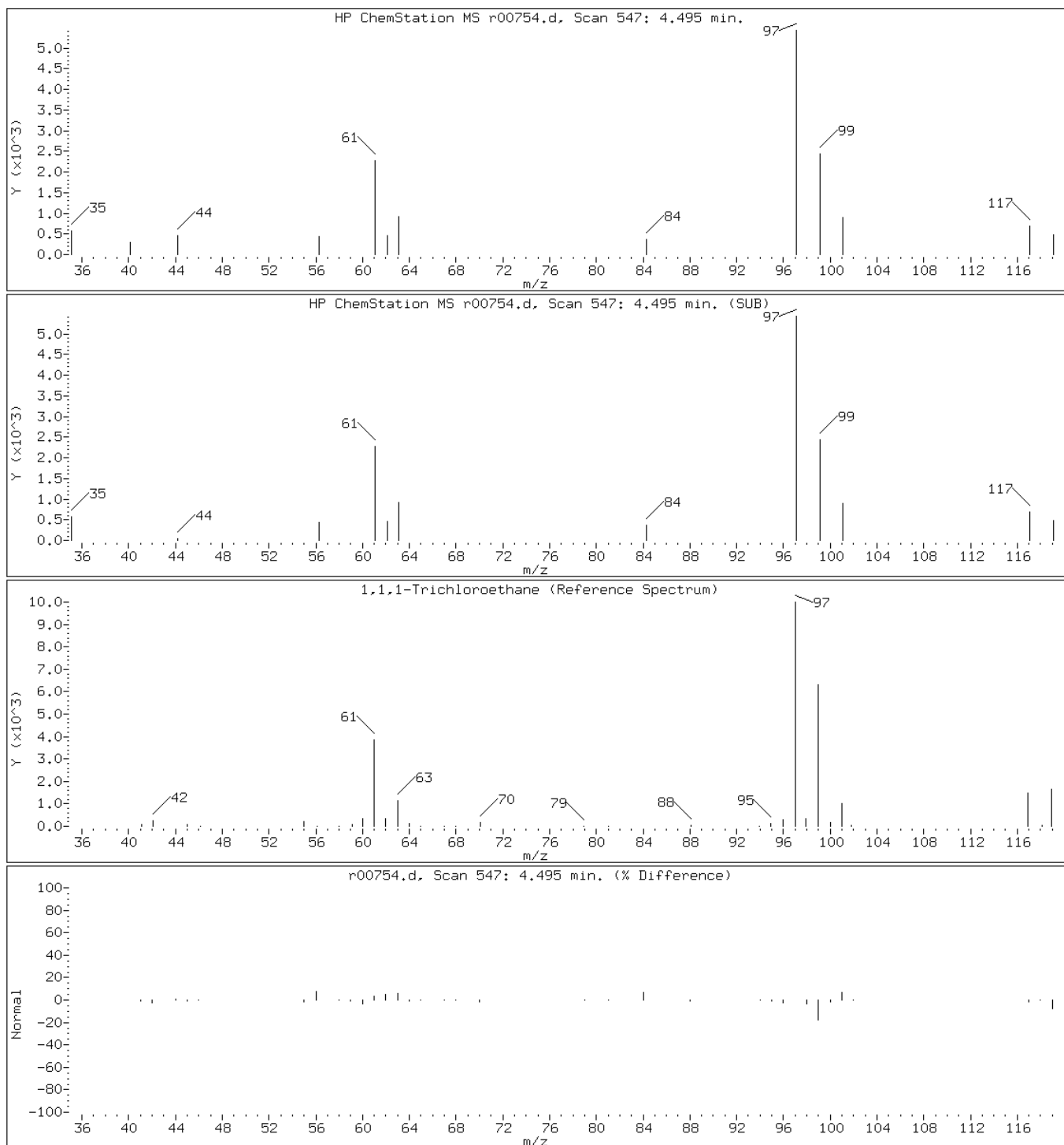
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

43 1,1,1-Trichloroethane



Data File: r00754.d

Date: 05-APR-2013 10:29

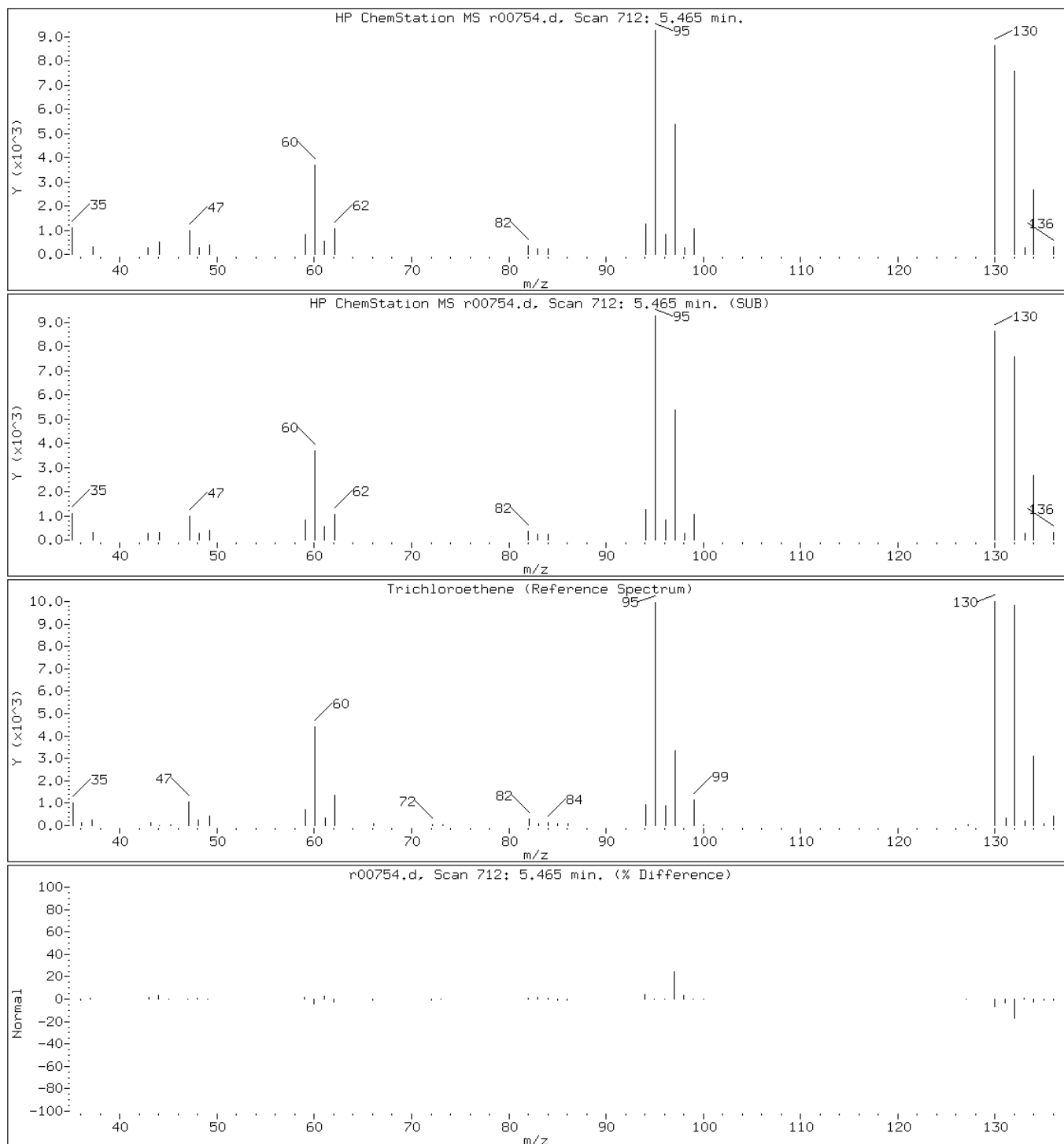
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

54 Trichloroethene



Data File: r00754.d

Date: 05-APR-2013 10:29

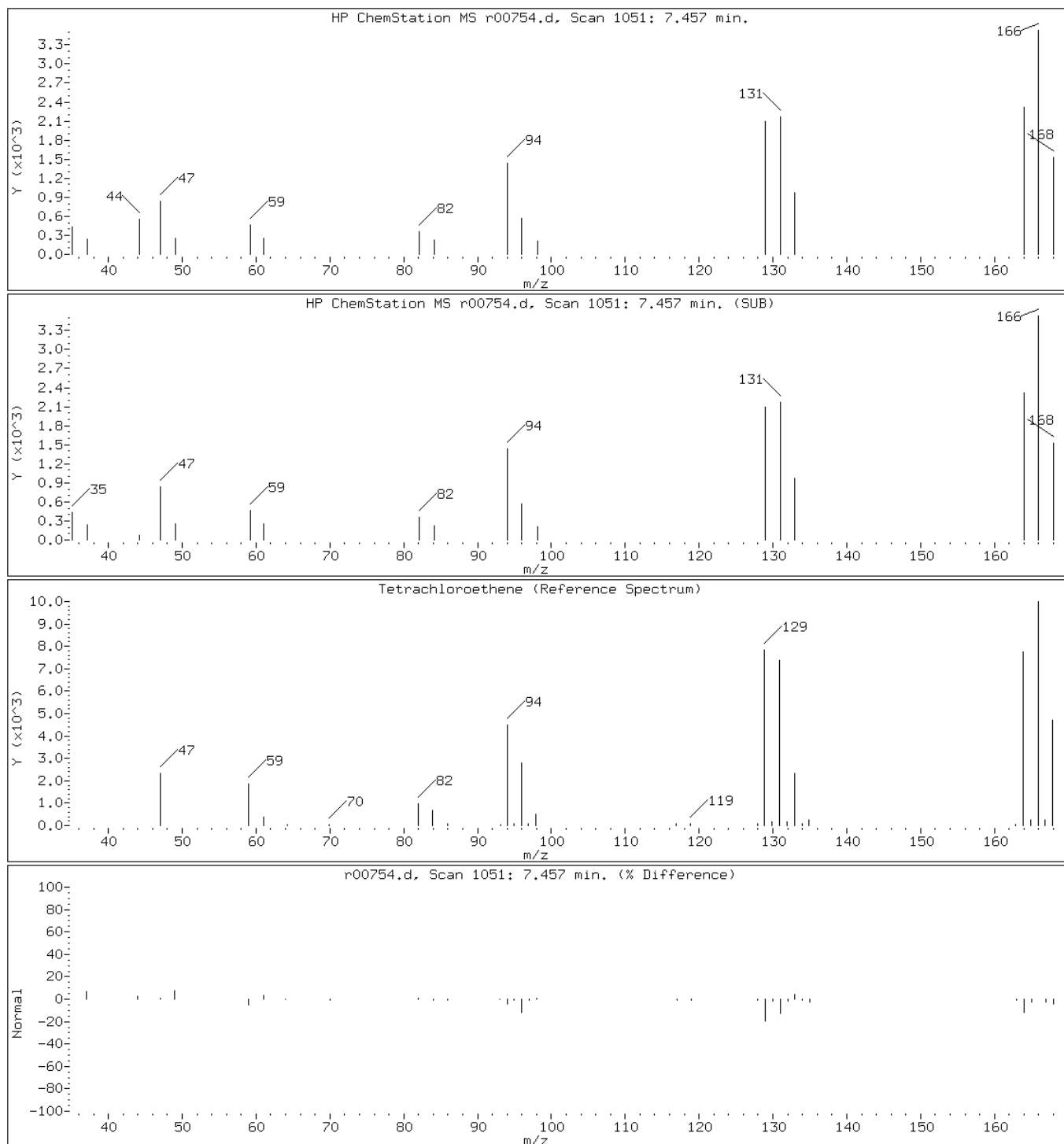
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

71 Tetrachloroethene



Data File: r00754.d

Date: 05-APR-2013 10:29

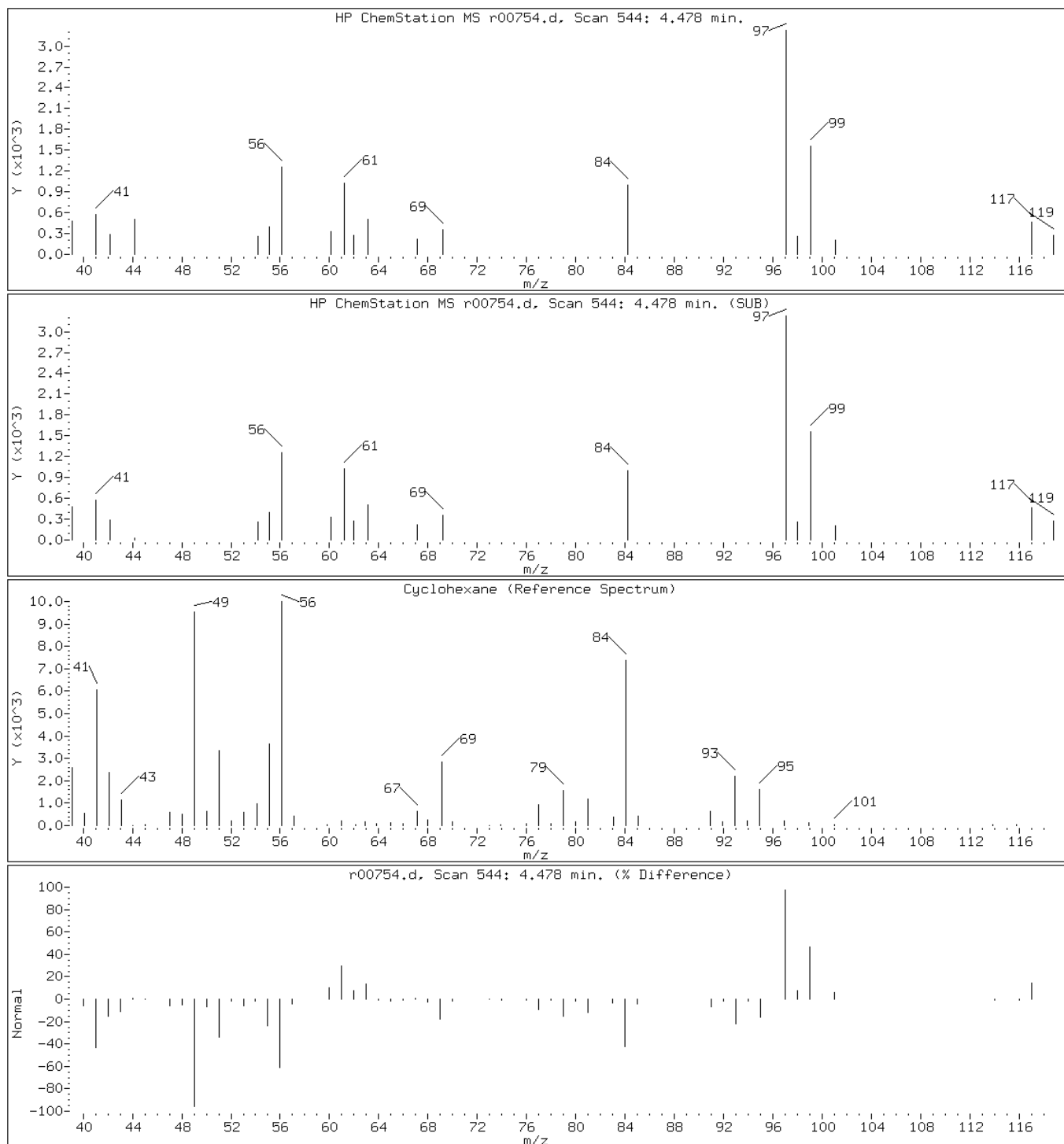
Client ID: EW04B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-18

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW04C-CP-00-032813 Lab Sample ID: 460-53245-19

Matrix: Water Lab File ID: r00755.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:07

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 10:55

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	0.19	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	7.2		1.0	0.090
75-34-3	1,1-Dichloroethane	1.2		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	2.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.9		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	8.3		1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	67		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	8.3		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW04C-CP-00-032813 Lab Sample ID: 460-53245-19
 Matrix: Water Lab File ID: r00755.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:07
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 10:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00755.d
 Report Date: 05-Apr-2013 13:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00755.d
 Lab Smp Id: 460-53245-C-19 Client Smp ID: EW04C-CP-00-032813
 Inj Date : 05-APR-2013 10:55
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-19
 Misc Info : 460-53245-C-19
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 32
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	20104		7.16686	7.2
16 Acetone	58	2.656	2.656	(0.518)	4451		12.1086	12
18 Carbon Disulfide	76	2.744	2.739	(0.536)	2036		0.18898	0.19(a)
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	9742		2.73691	2.7
30 1,1-Dichloroethane	63	3.573	3.567	(0.697)	7201		1.21593	1.2
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	7479		1.88482	1.9
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	2052		1.78698	1.8
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	45462		8.34857	8.3
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	163535		61.4801	61
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	575839		50.0000	
54 Trichloroethene	95	5.471	5.471	(1.068)	243993		66.8617	67
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	380720		49.7848	50
71 Tetrachloroethene	166	7.451	7.457	(0.871)	29943		8.32512	8.3
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	393577		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	162529		48.3099	48
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	226618		50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00755.d
Report Date: 05-Apr-2013 13:35

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS					ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)
M 120 1,2-Dichloroethene (Total)	100				17221	4.62173	4.6

QC Flag Legend

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

Data File: r00755.d

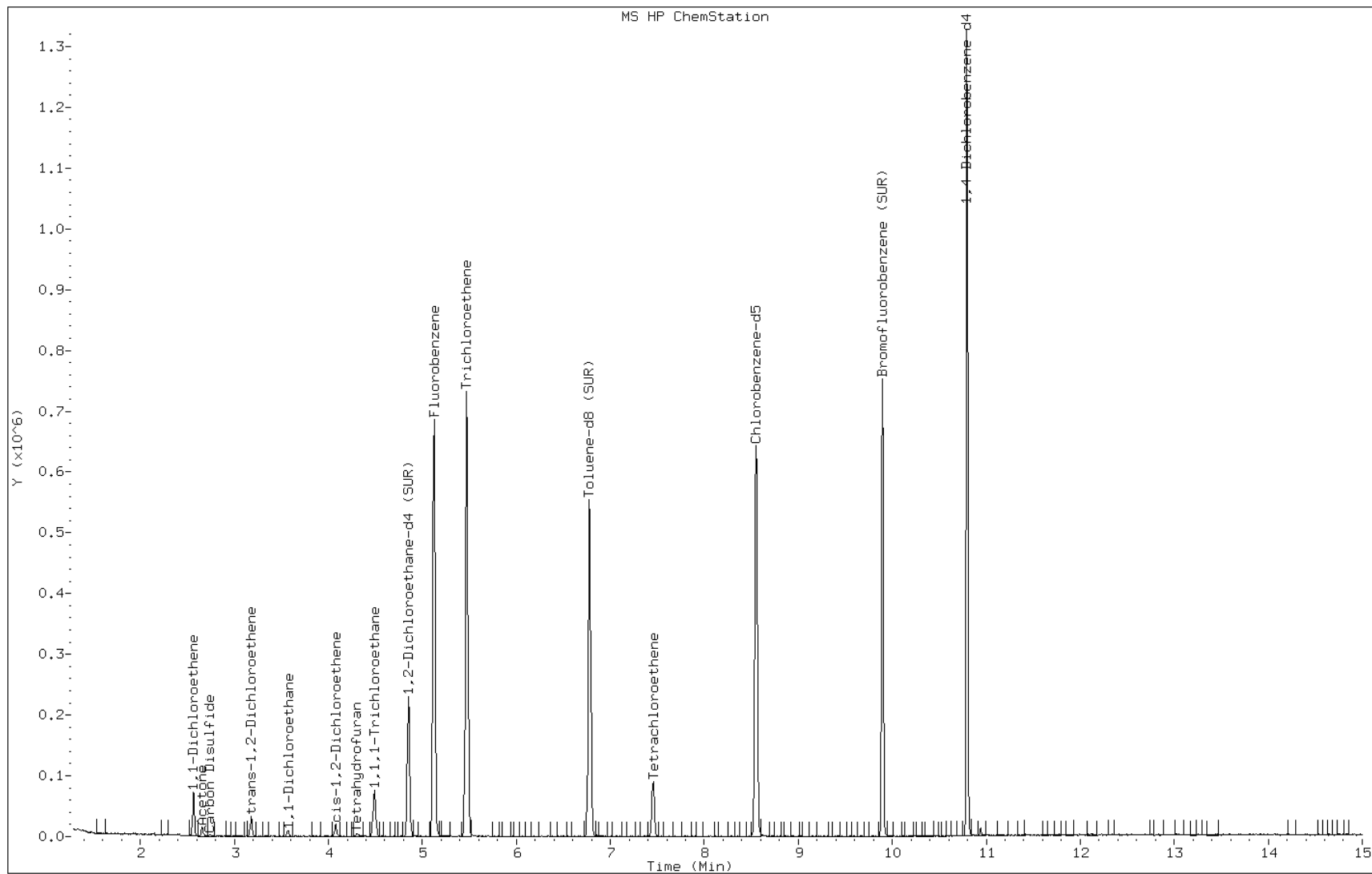
Date: 05-APR-2013 10:55

Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:



Data File: r00755.d

Date: 05-APR-2013 10:55

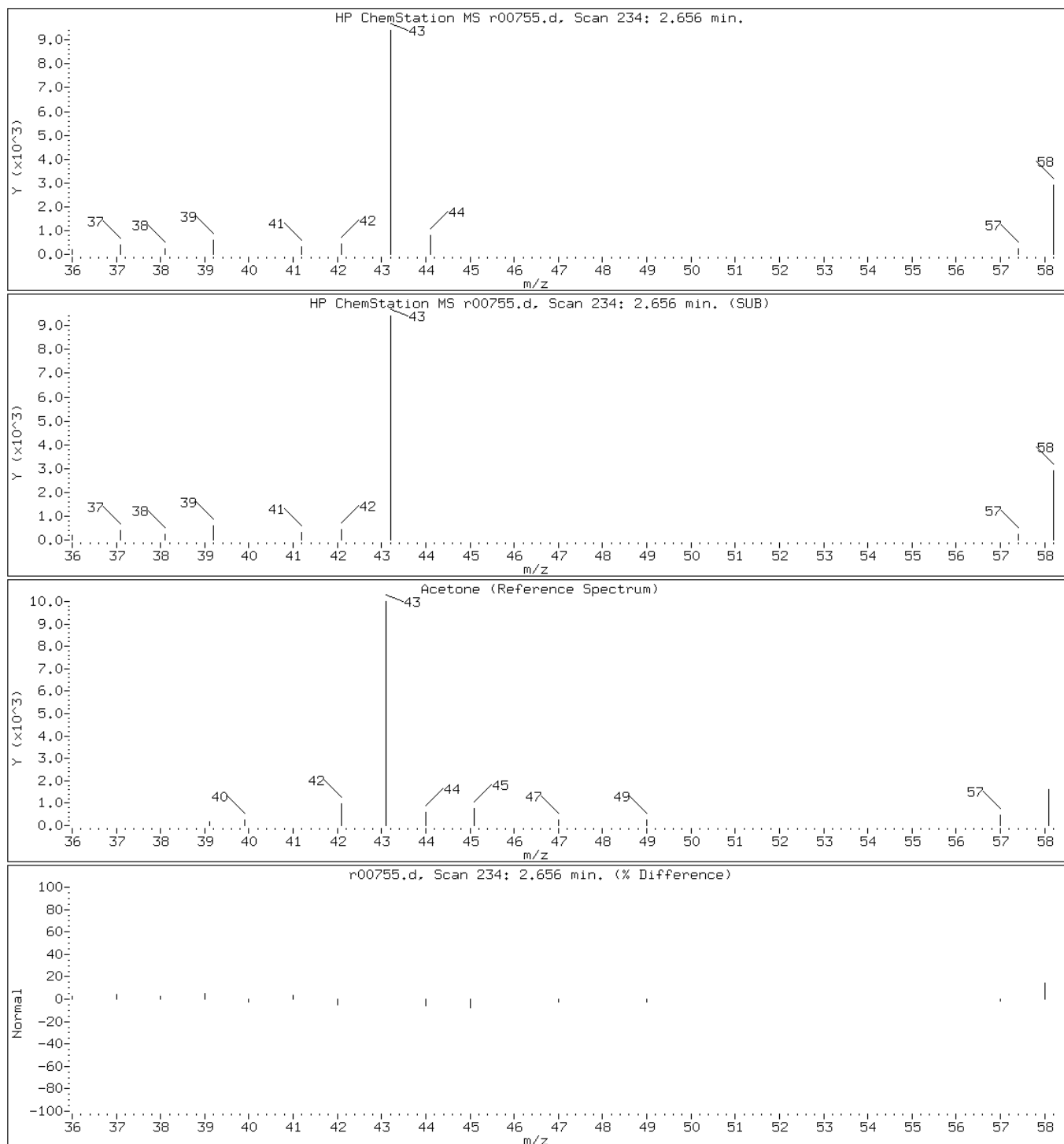
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

16 Acetone



Data File: r00755.d

Date: 05-APR-2013 10:55

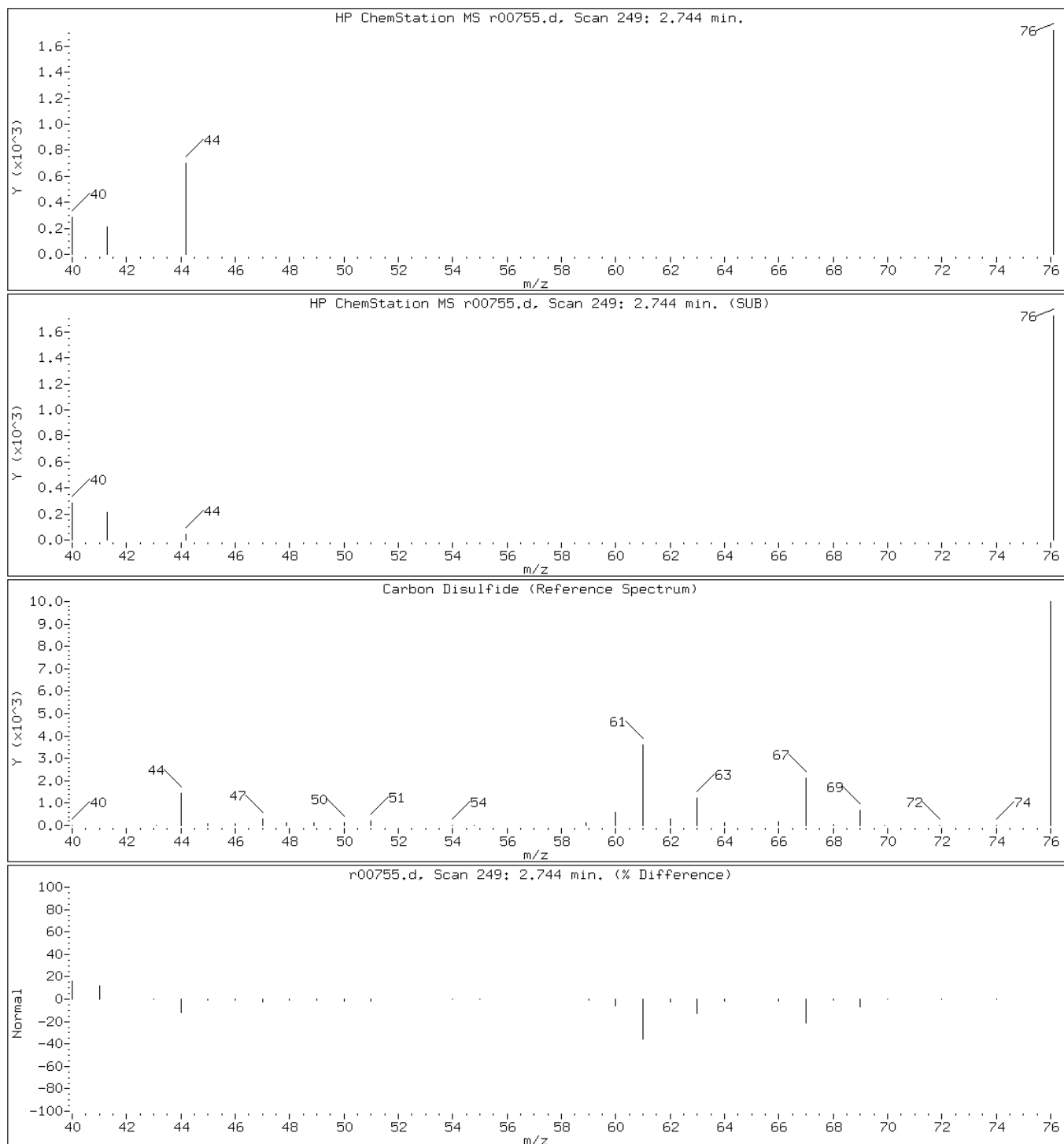
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

18 Carbon Disulfide



Data File: r00755.d

Date: 05-APR-2013 10:55

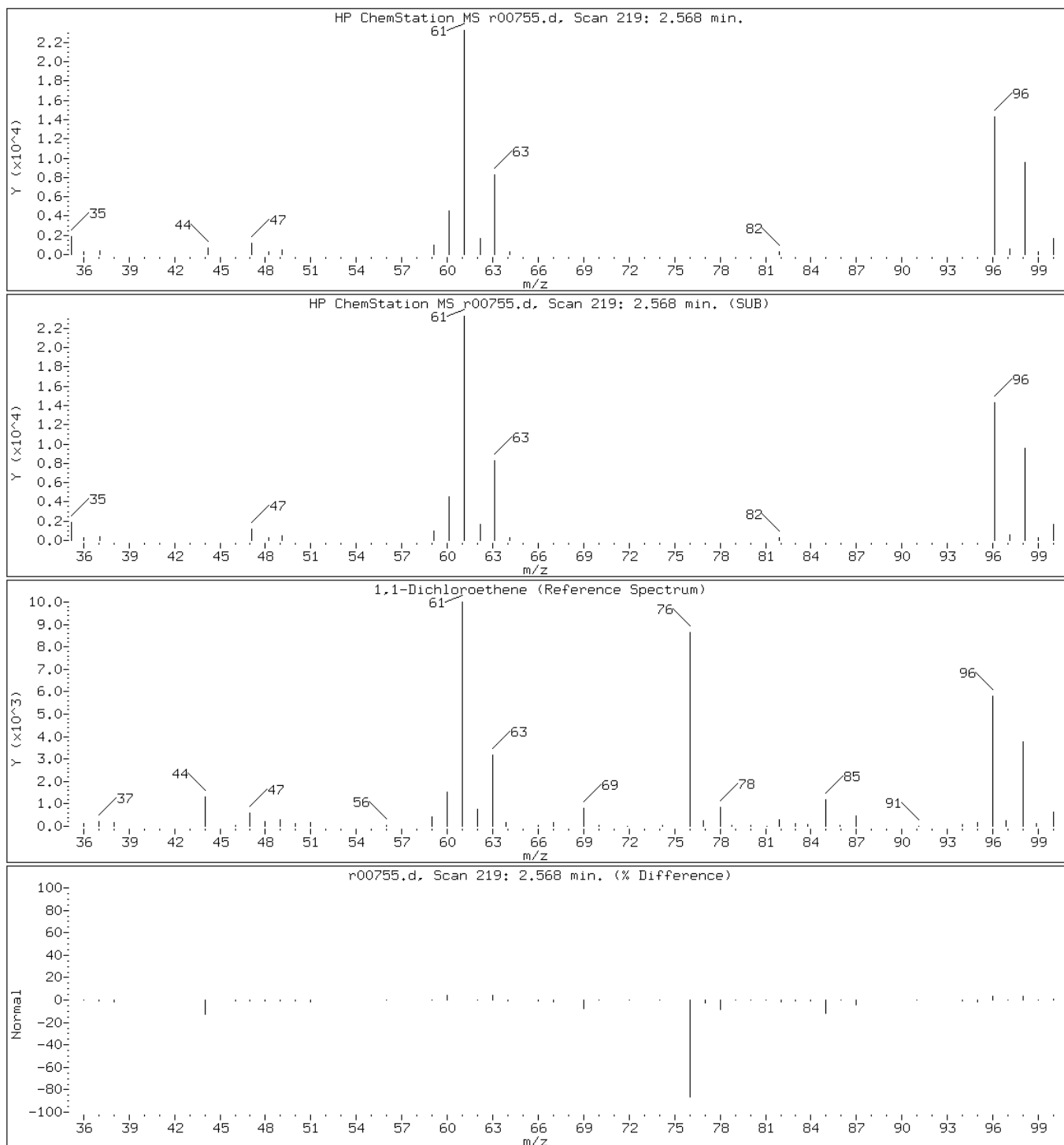
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

15 1,1-Dichloroethene



Data File: r00755.d

Date: 05-APR-2013 10:55

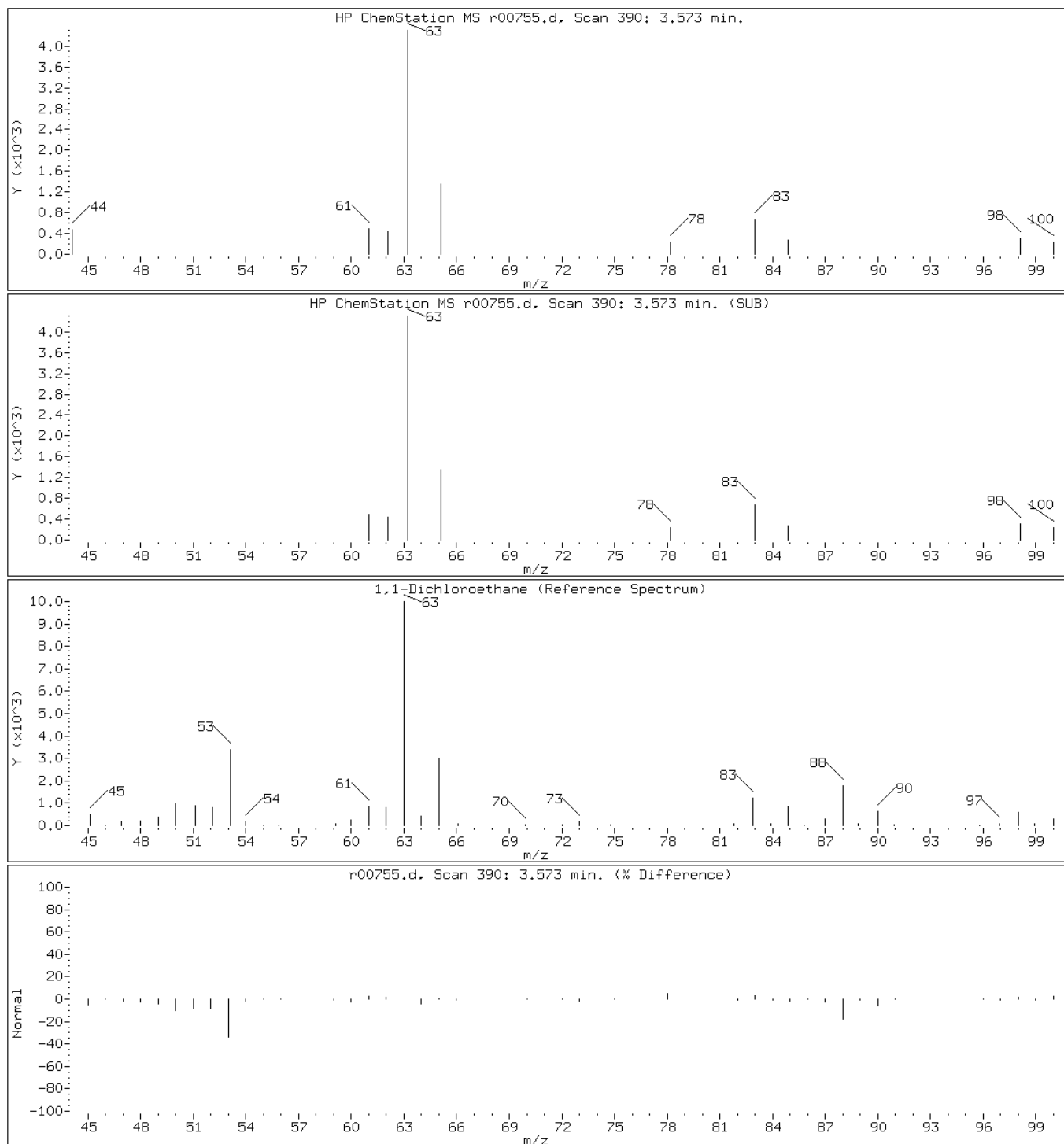
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

30 1,1-Dichloroethane



Data File: r00755.d

Date: 05-APR-2013 10:55

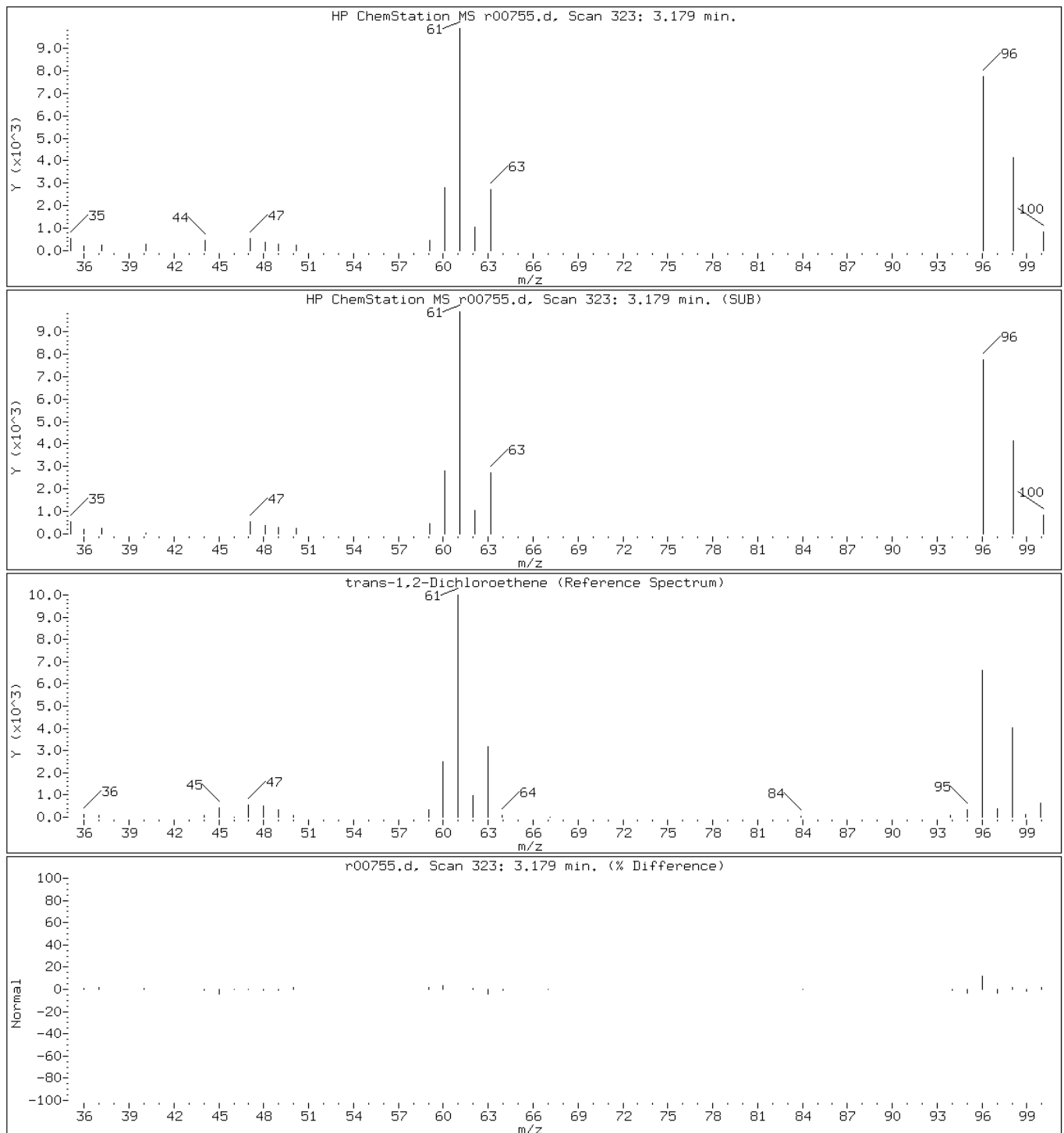
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

25 trans-1,2-Dichloroethene



Data File: r00755.d

Date: 05-APR-2013 10:55

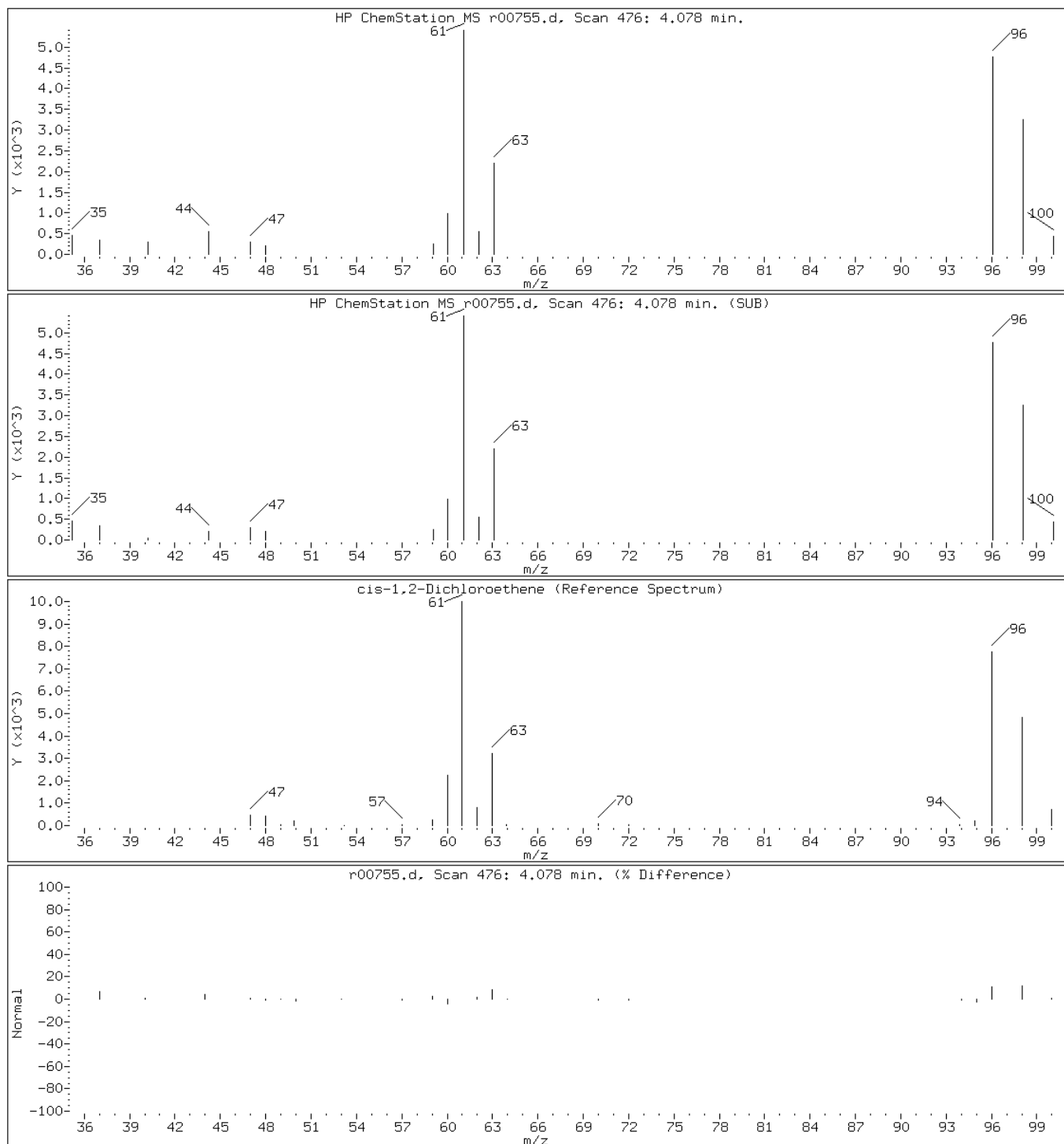
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

36 cis-1,2-Dichloroethene



Data File: r00755.d

Date: 05-APR-2013 10:55

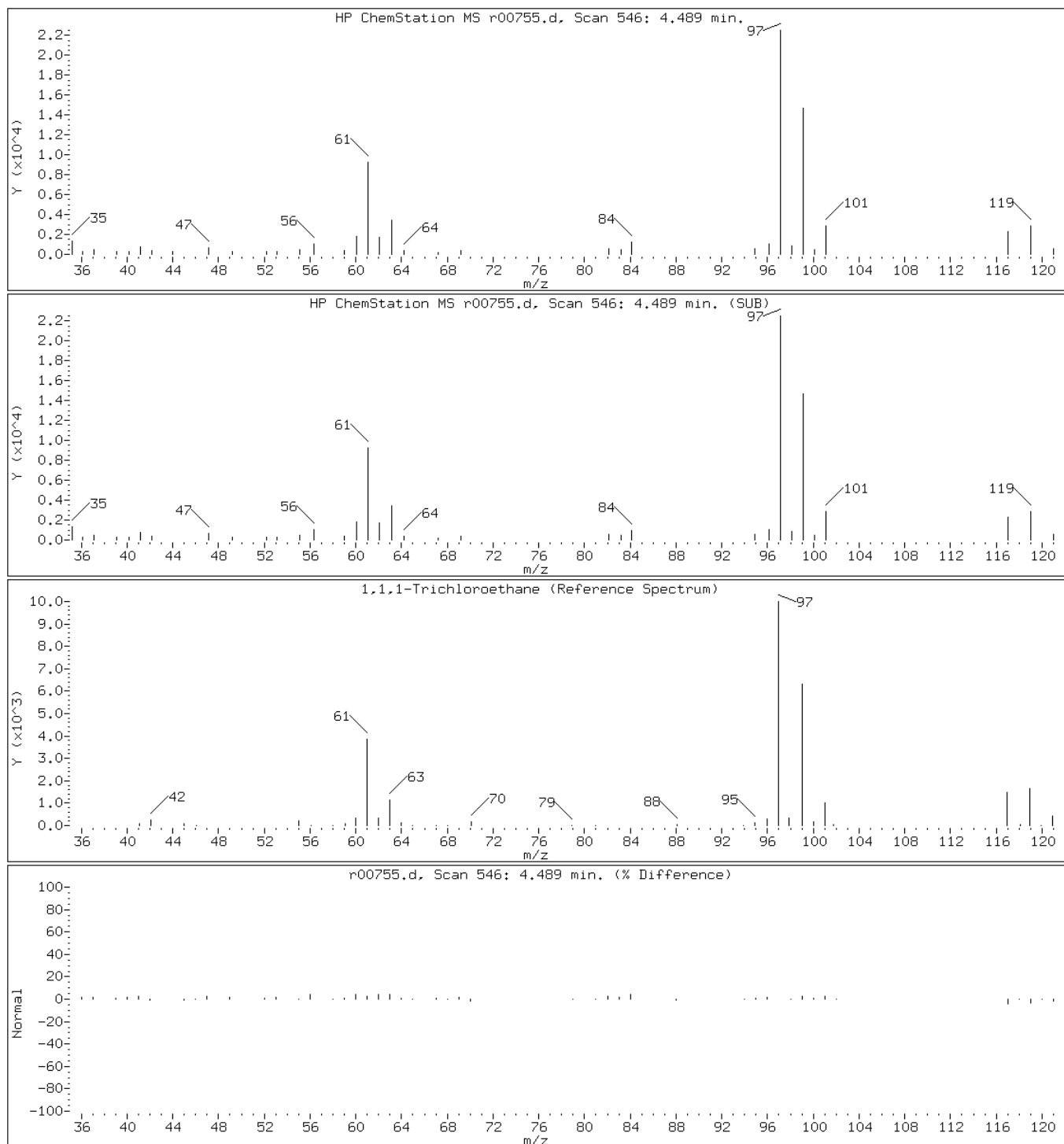
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

43 1,1,1-Trichloroethane



Data File: r00755.d

Date: 05-APR-2013 10:55

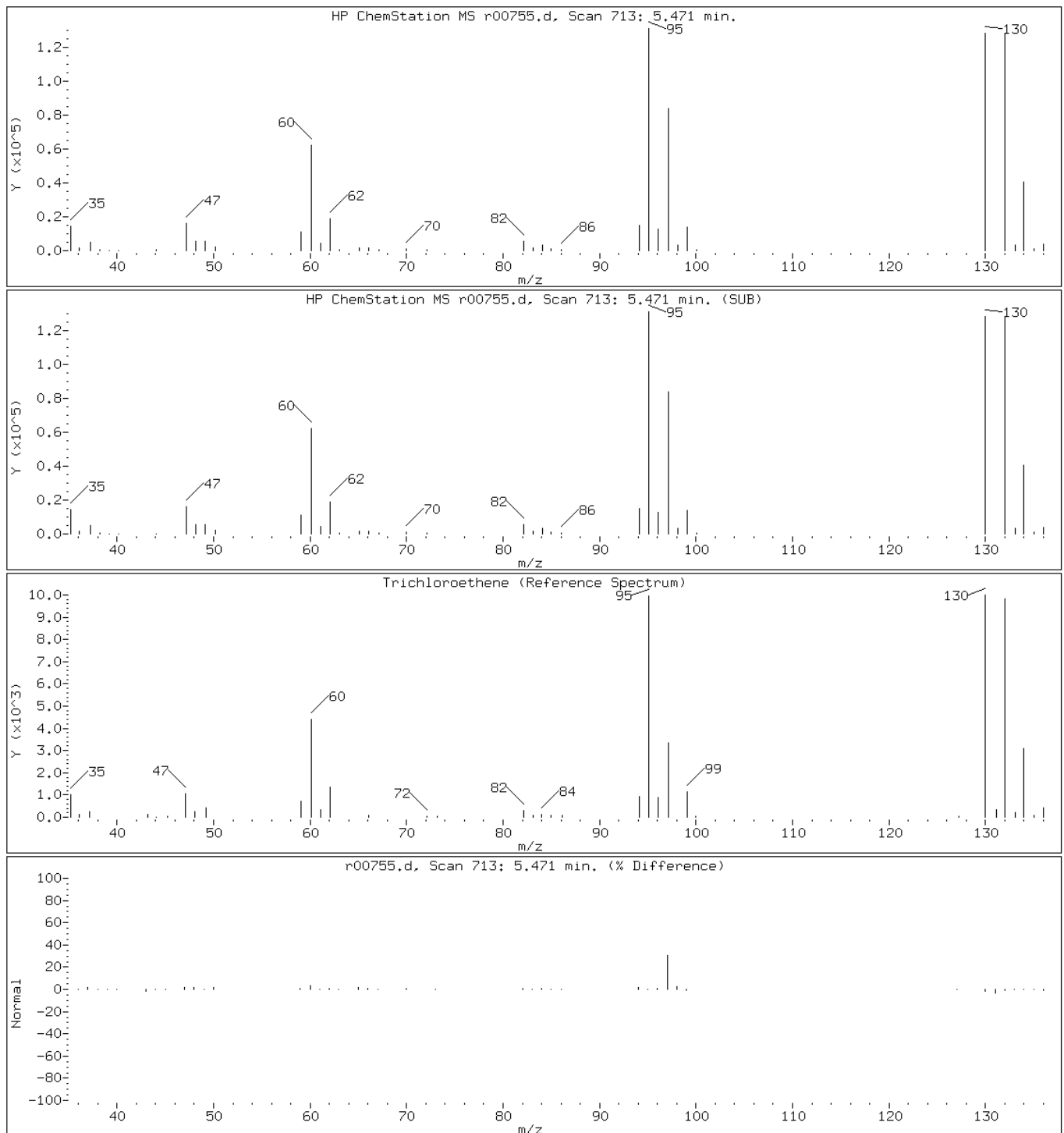
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

54 Trichloroethene



Data File: r00755.d

Date: 05-APR-2013 10:55

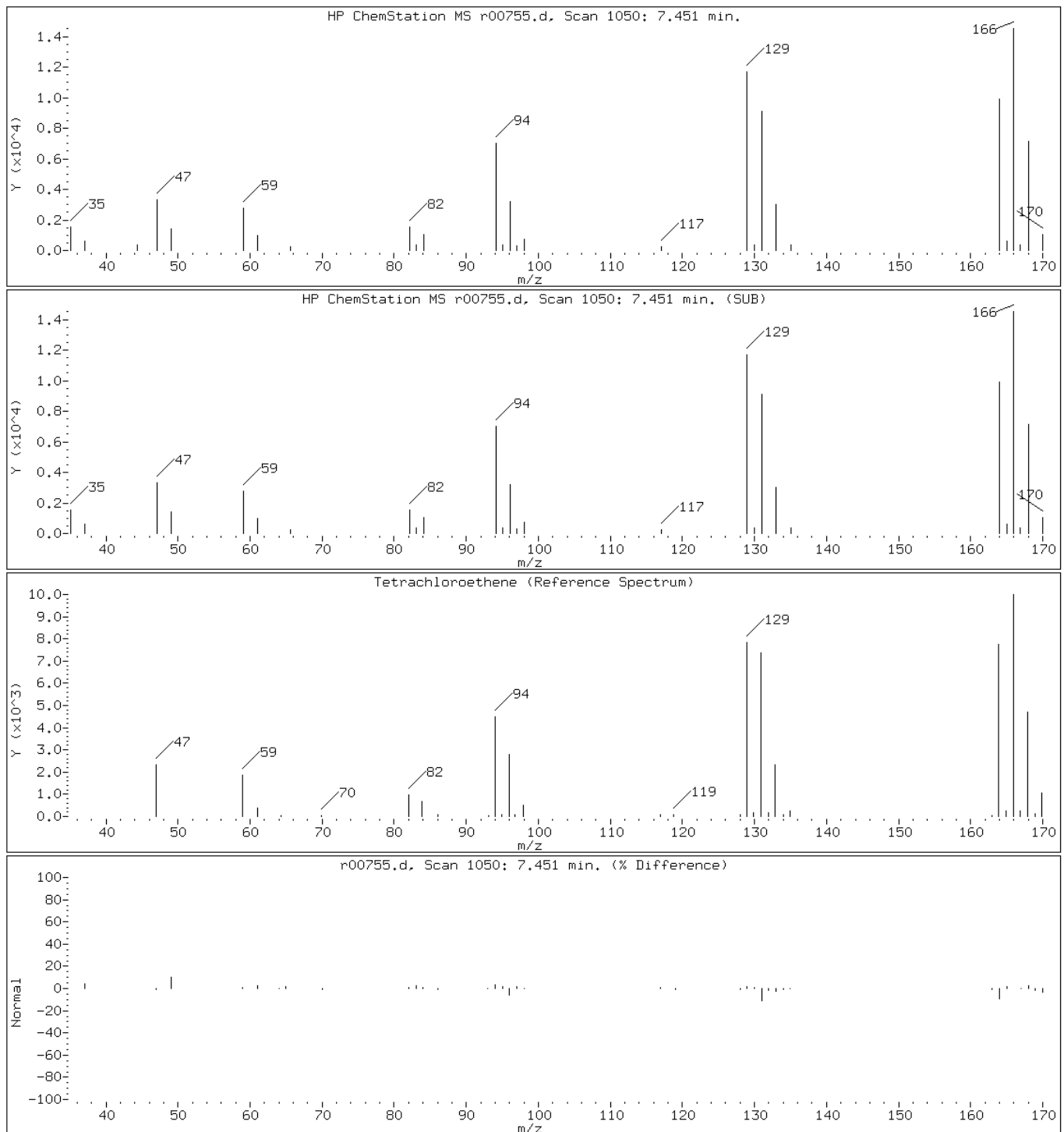
Client ID: EW04C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-19

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW04D-CP-00-032813 Lab Sample ID: 460-53245-20

Matrix: Water Lab File ID: r00756.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:14

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 11:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	0.19	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.47	J	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.65	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	68		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	21		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW04D-CP-00-032813 Lab Sample ID: 460-53245-20
 Matrix: Water Lab File ID: r00756.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:14
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 11:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00756.d
 Report Date: 05-Apr-2013 13:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00756.d
 Lab Smp Id: 460-53245-C-20 Client Smp ID: EW04D-CP-00-032813
 Inj Date : 05-APR-2013 11:20
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-20
 Misc Info : 460-53245-C-20
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 33
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	1331	0.47328	0.47(a)	
16 Acetone	58	2.662	2.656	(0.520)	4525	12.2786	12	
18 Carbon Disulfide	76	2.744	2.739	(0.536)	2085	0.19303	0.19(a)	
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	3533	0.64714	0.65(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	161930	60.7218	61	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	577308	50.0000		
54 Trichloroethene	95	5.471	5.471	(1.068)	246964	67.5037	68	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	383624	49.6075	50	
71 Tetrachloroethene	166	7.457	7.457	(0.872)	77963	21.4356	21	
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	397996	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	163677	48.3016	48	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	228258	50.0000		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00756.d
Report Date: 05-Apr-2013 13:36

QC Flag Legend

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

Data File: r00756.d

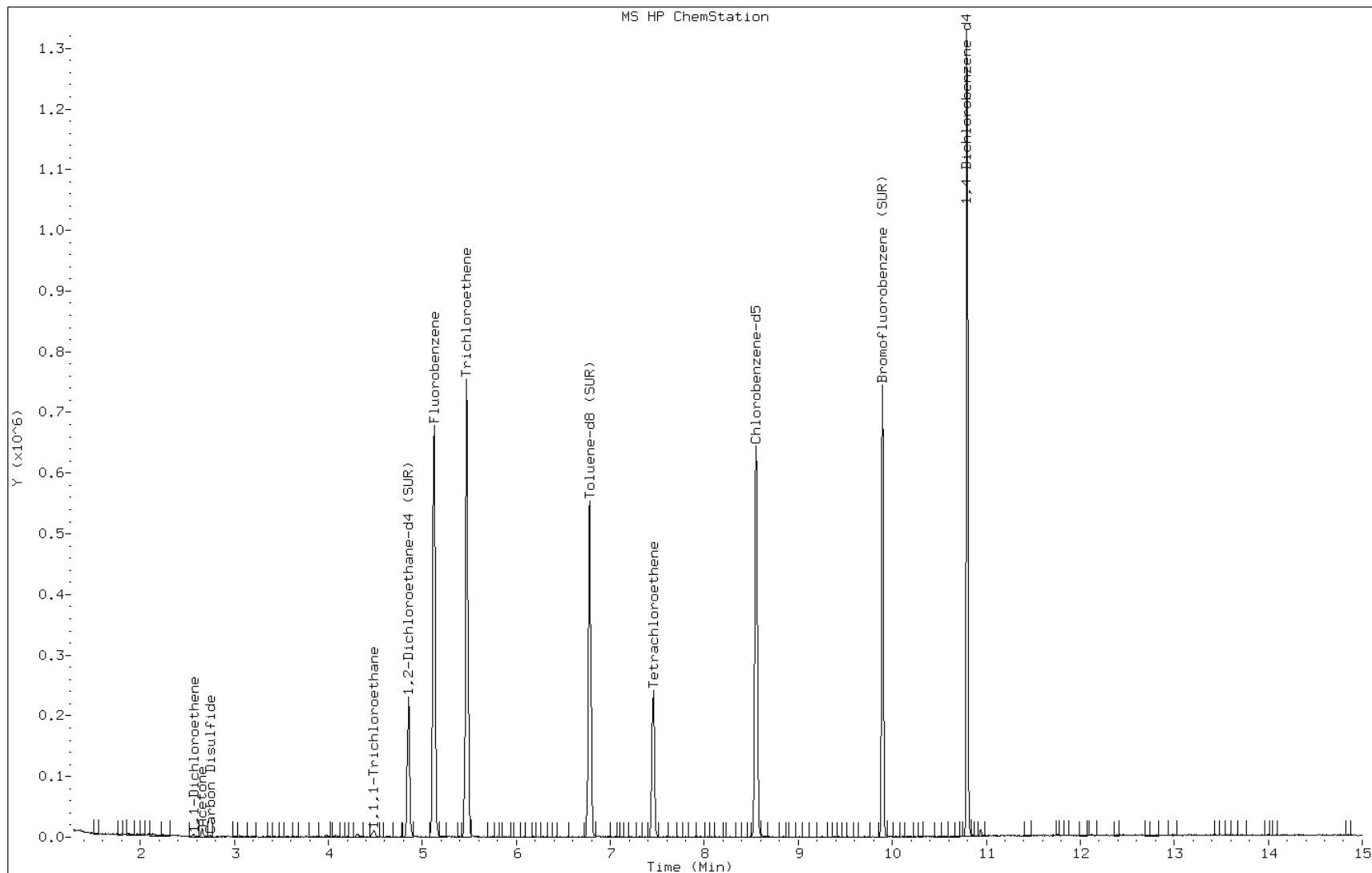
Date: 05-APR-2013 11:20

Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:



Data File: r00756.d

Date: 05-APR-2013 11:20

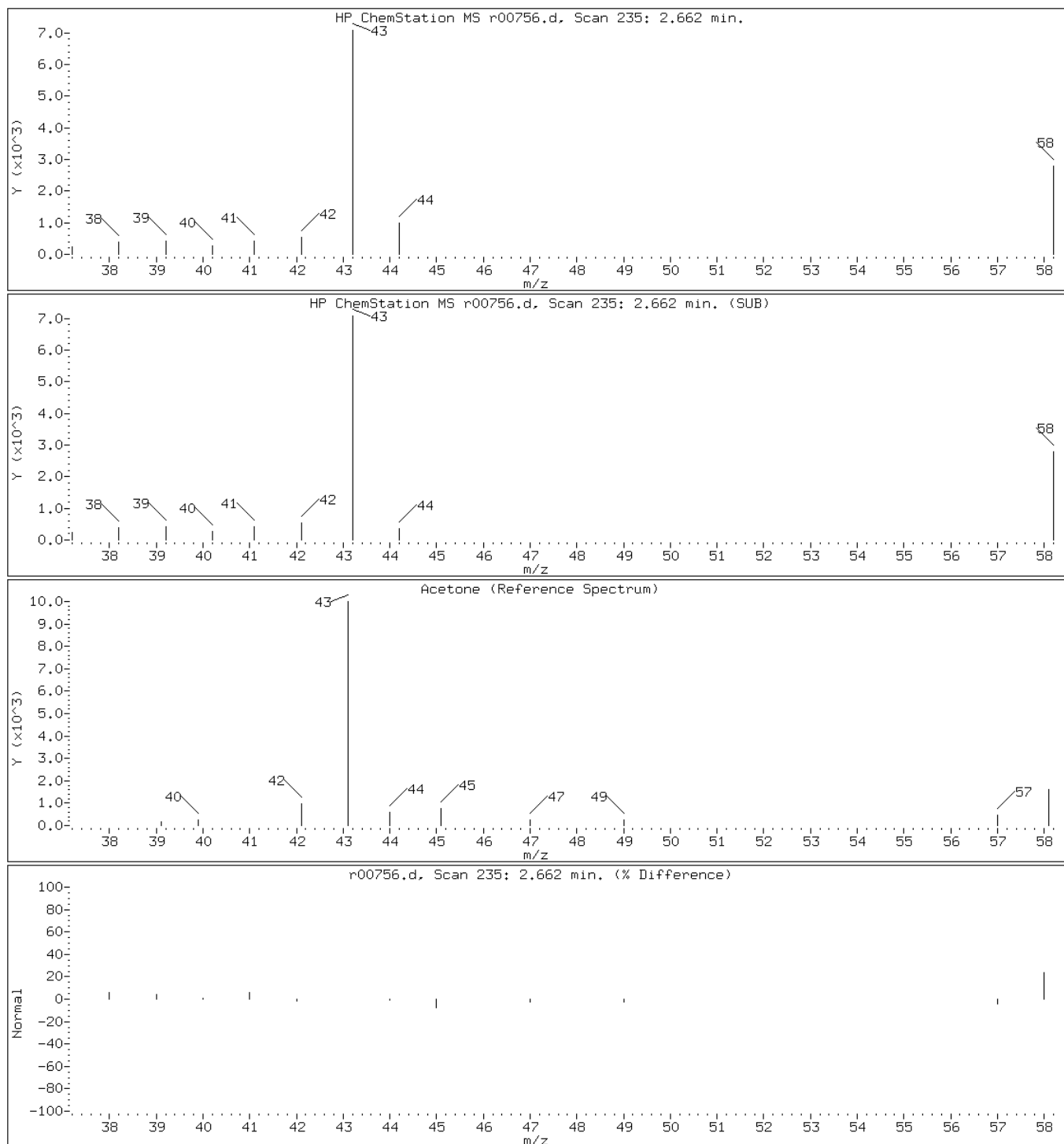
Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:

16 Acetone



Data File: r00756.d

Date: 05-APR-2013 11:20

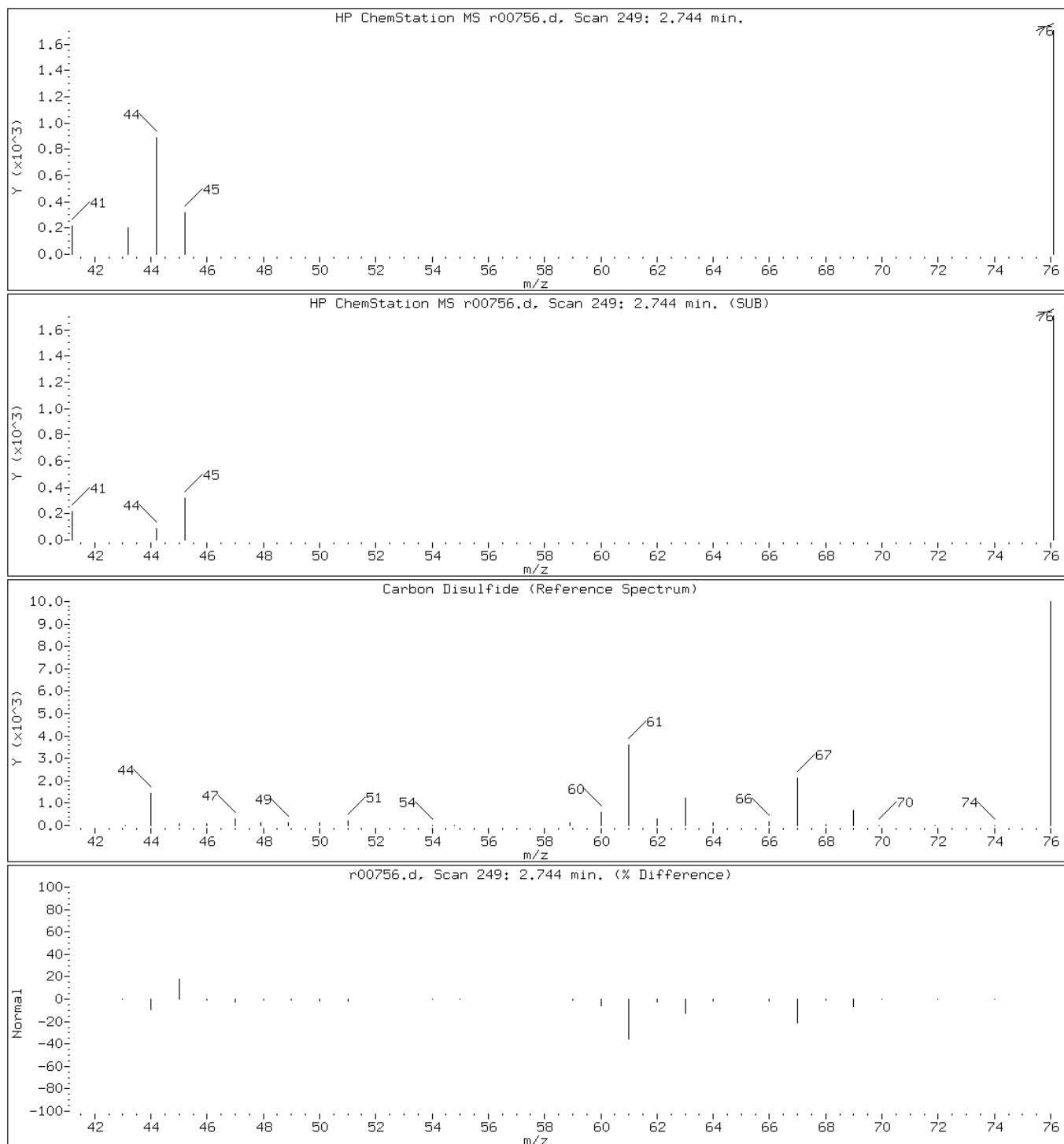
Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:

18 Carbon Disulfide



Data File: r00756.d

Date: 05-APR-2013 11:20

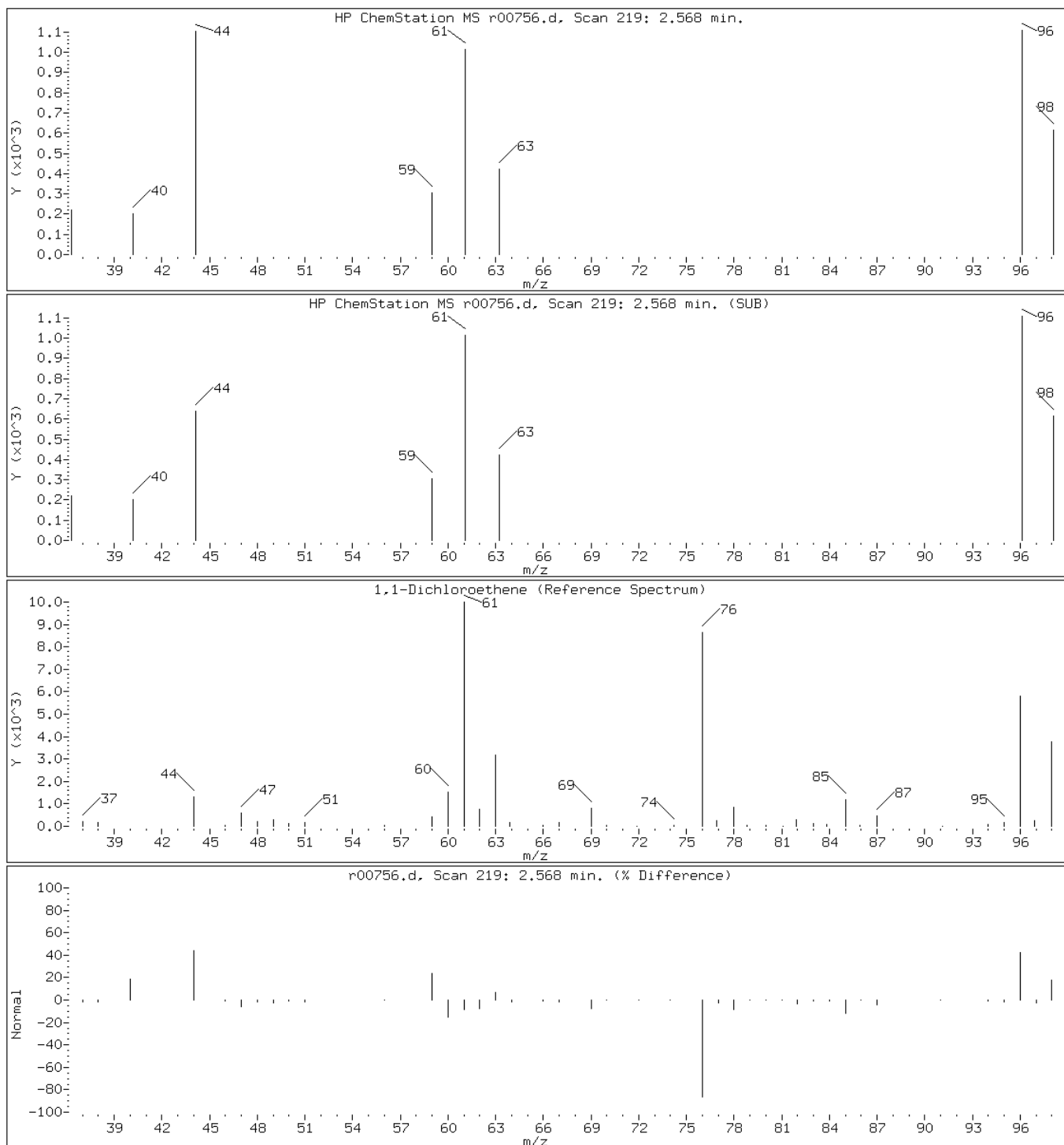
Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:

15 1,1-Dichloroethene



Data File: r00756.d

Date: 05-APR-2013 11:20

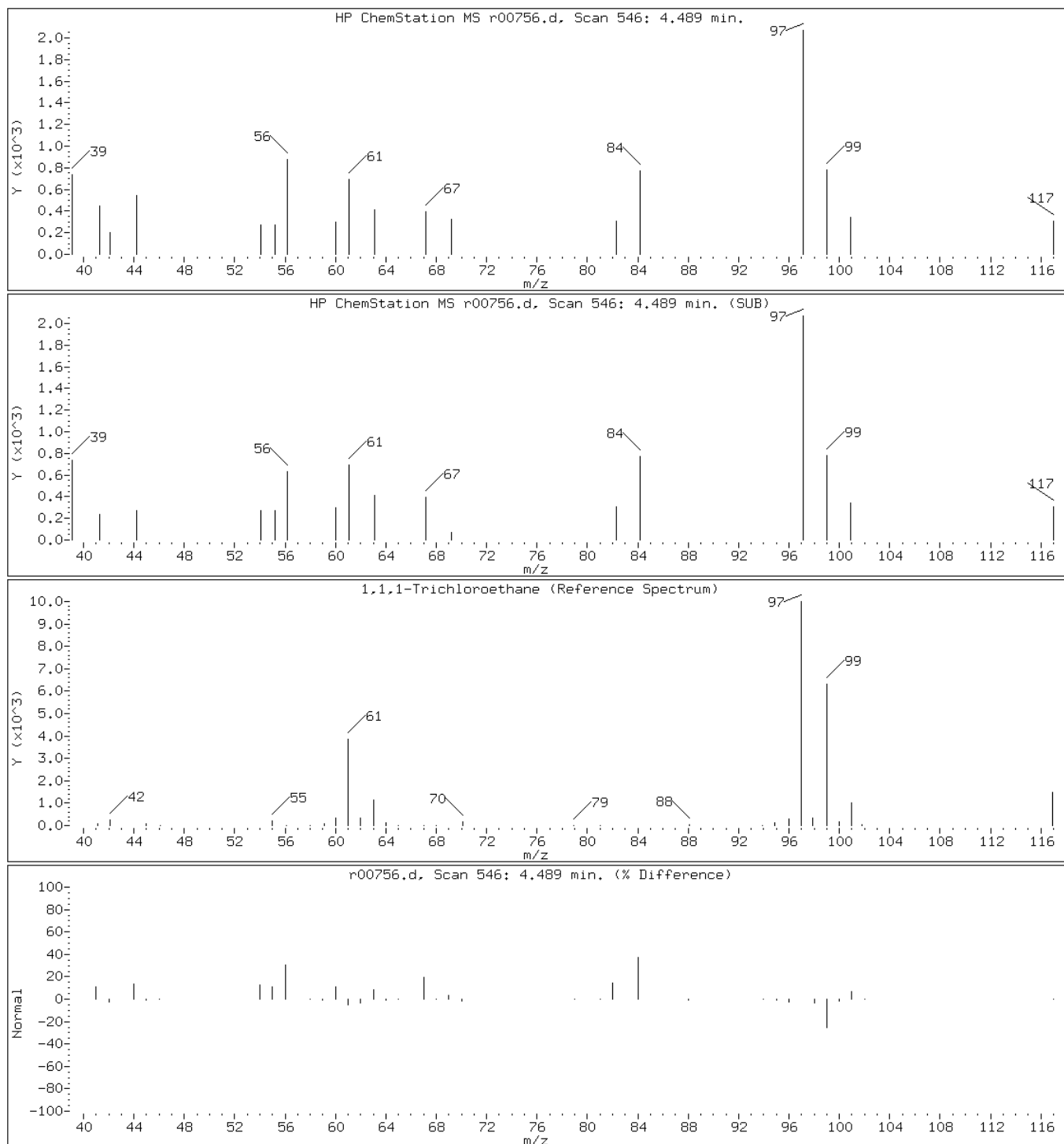
Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:

43 1,1,1-Trichloroethane



Data File: r00756.d

Date: 05-APR-2013 11:20

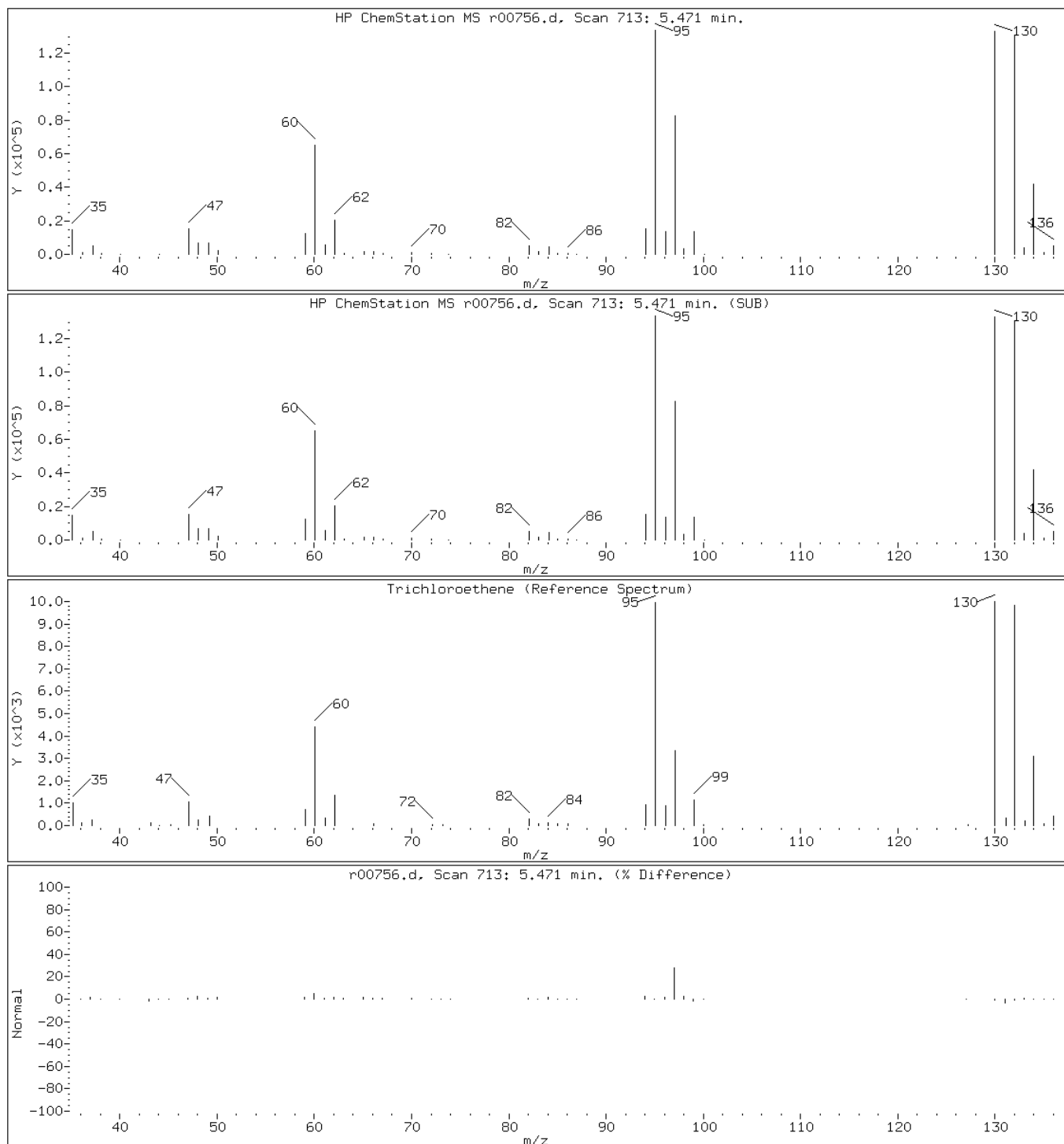
Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:

54 Trichloroethene



Data File: r00756.d

Date: 05-APR-2013 11:20

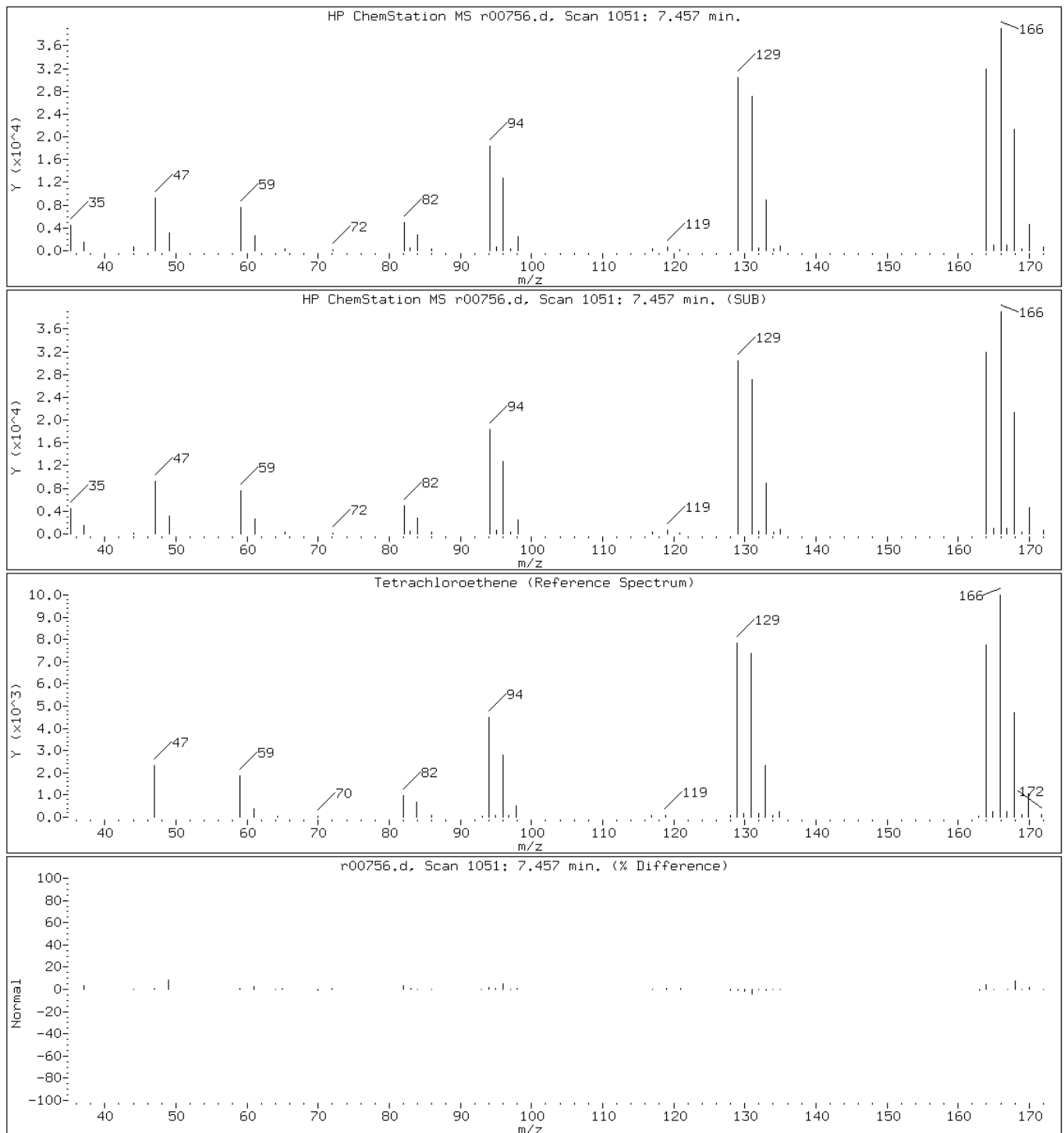
Client ID: EW04D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-20

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW05-CP-00-032813 Lab Sample ID: 460-53245-21

Matrix: Water Lab File ID: r00757.d

Analysis Method: 8260B Date Collected: 03/25/2013 08:18

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	0.16	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.31	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.59	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	5.4		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW05-CP-00-032813 Lab Sample ID: 460-53245-21
 Matrix: Water Lab File ID: r00757.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:18
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 11:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00757.d
 Report Date: 05-Apr-2013 13:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00757.d
 Lab Smp Id: 460-53245-C-21 Client Smp ID: EW05-CP-00-032813
 Inj Date : 05-APR-2013 11:46
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-21
 Misc Info : 460-53245-C-21
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 34
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
16 Acetone	58	2.656	2.656 (0.518)		5310		14.3778	14
18 Carbon Disulfide	76	2.738	2.739 (0.534)		1773		0.16379	0.16(a)
25 trans-1,2-Dichloroethene	96	3.179	3.179 (0.620)		1099		0.30730	0.31(a)
36 cis-1,2-Dichloroethene	96	4.084	4.078 (0.797)		2335		0.58570	0.58(a)
41 Tetrahydrofuran	42	4.307	4.301 (0.841)		2039		1.76734	1.8
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848 (0.947)		160310		59.9851	60
* 52 Fluorobenzene	96	5.124	5.124 (1.000)		578551		50.0000	
54 Trichloroethene	95	5.465	5.471 (1.066)		19804		5.40148	5.4
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775 (0.792)		374367		49.8685	50
* 78 Chlorobenzene-d5	117	8.549	8.550 (1.000)		386360		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895 (0.917)		159847		46.9032	47
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794 (1.000)		229563		50.0000	
M 120 1,2-Dichloroethene (Total)	100				3434		0.89300	0.89(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00757.d
Report Date: 05-Apr-2013 13:37

QC Flag Legend

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

Data File: r00757.d

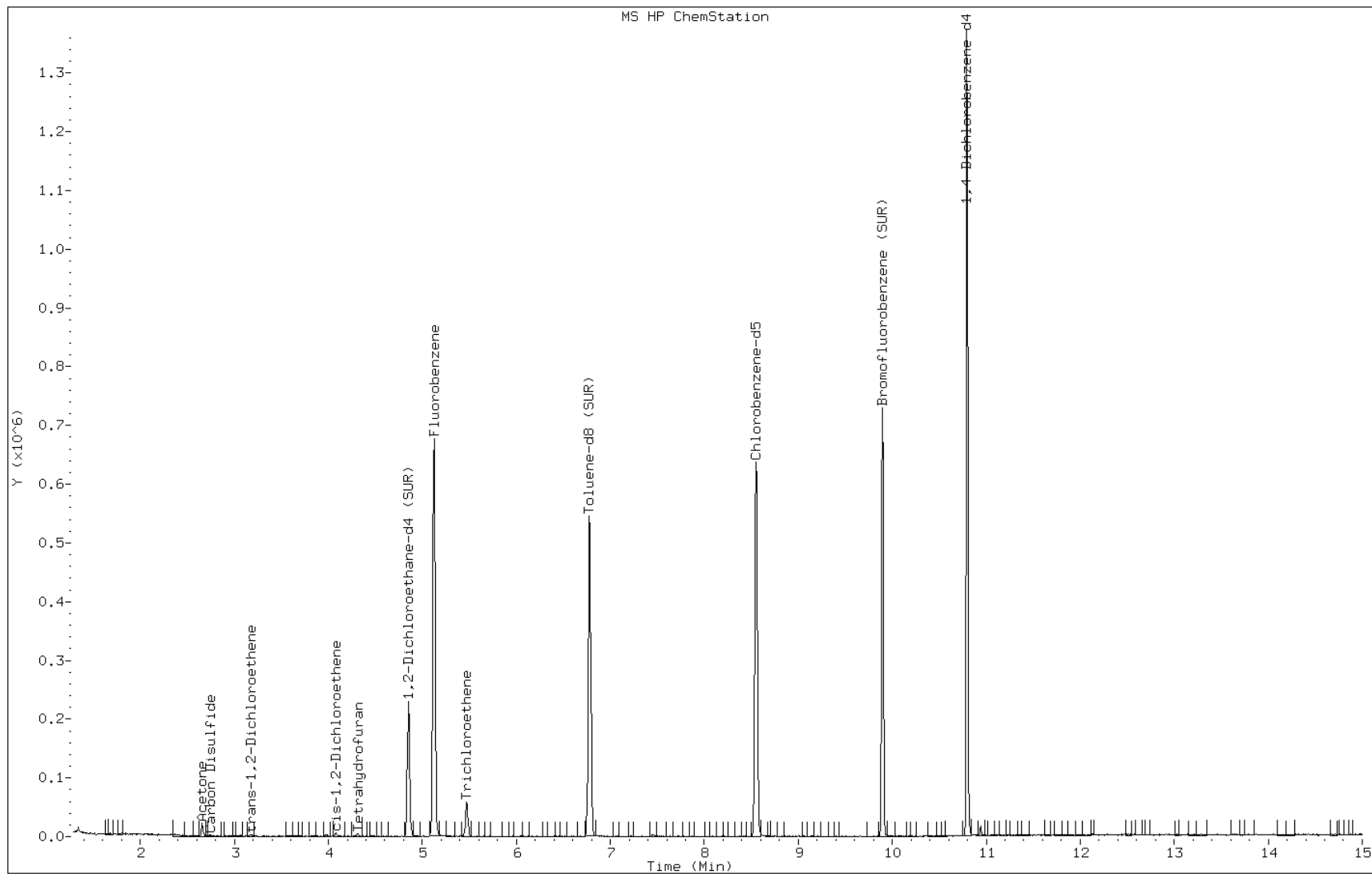
Date: 05-APR-2013 11:46

Client ID: EW05-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-21

Operator:



Data File: r00757.d

Date: 05-APR-2013 11:46

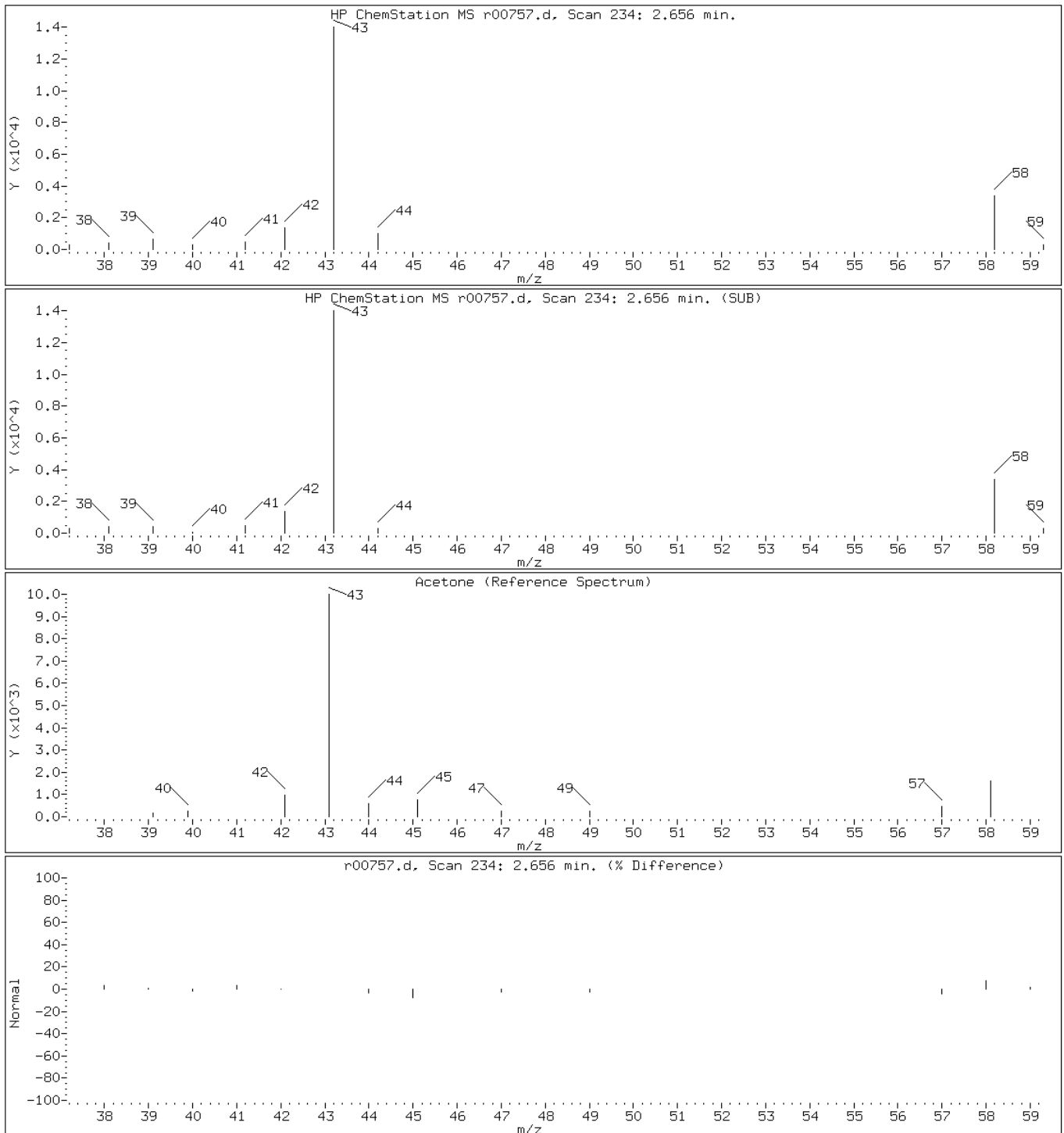
Client ID: EW05-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-21

Operator:

16 Acetone



Data File: r00757.d

Date: 05-APR-2013 11:46

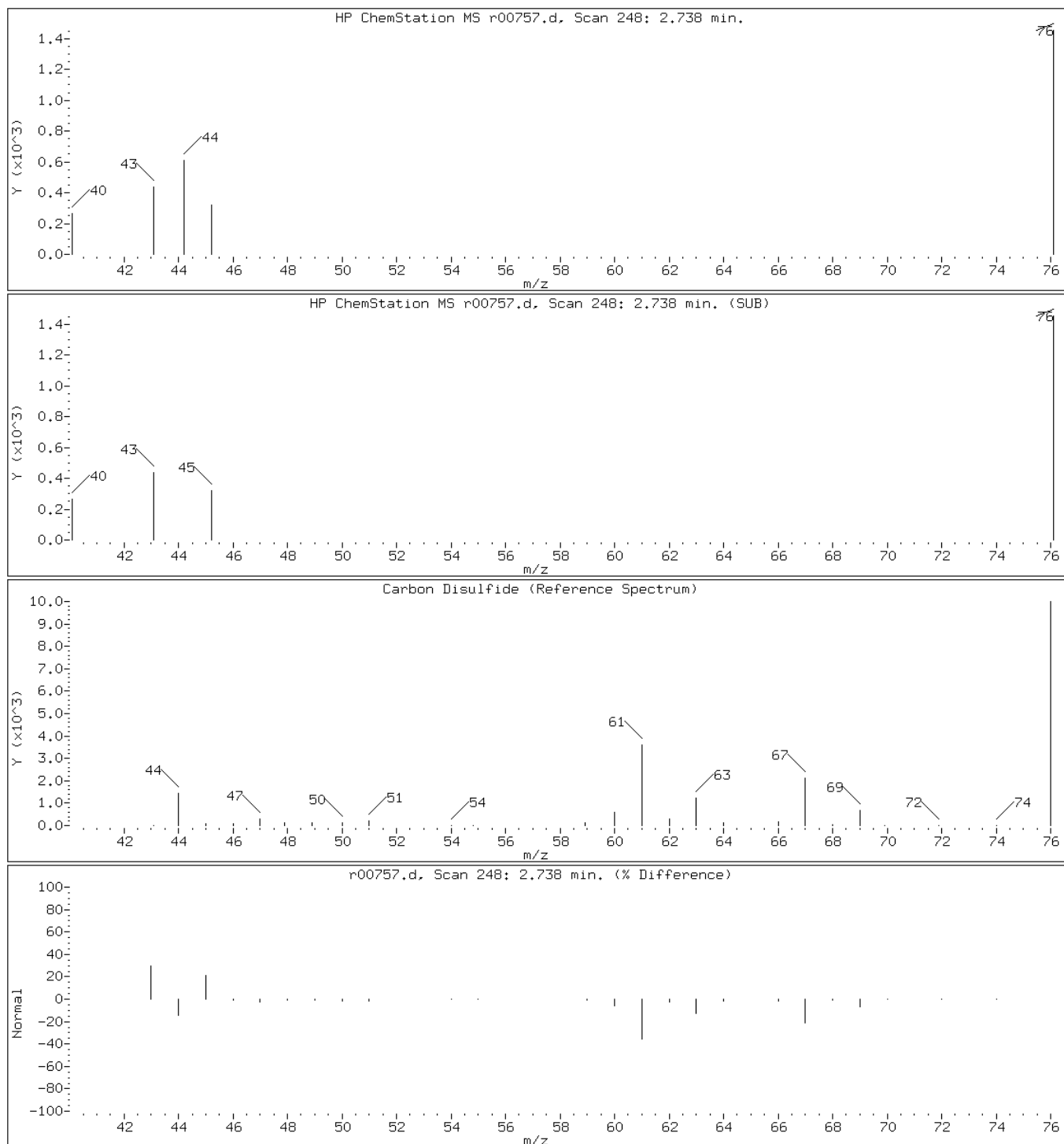
Client ID: EW05-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-21

Operator:

18 Carbon Disulfide



Data File: r00757.d

Date: 05-APR-2013 11:46

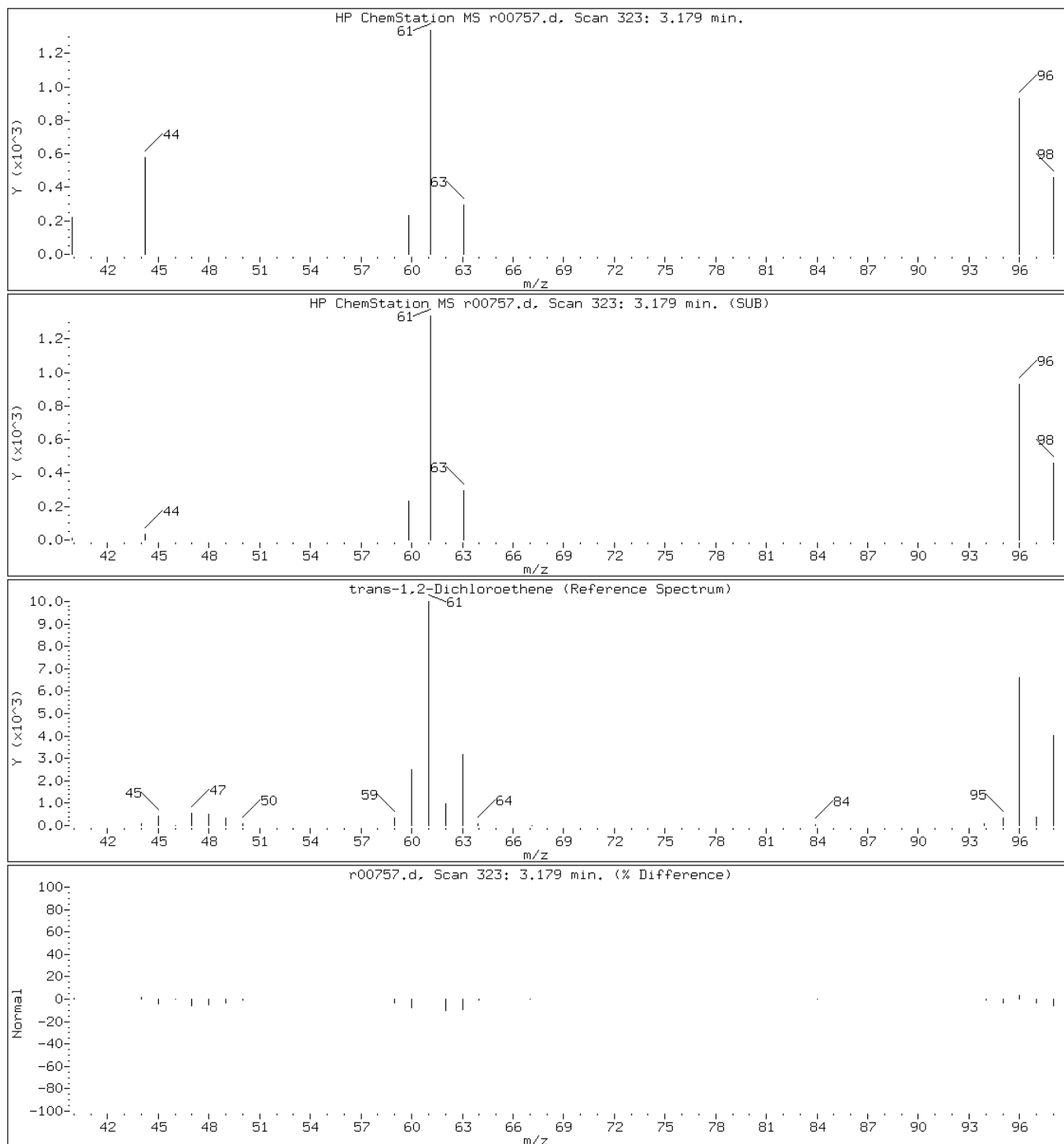
Client ID: EW05-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-21

Operator:

25 trans-1,2-Dichloroethene



Data File: r00757.d

Date: 05-APR-2013 11:46

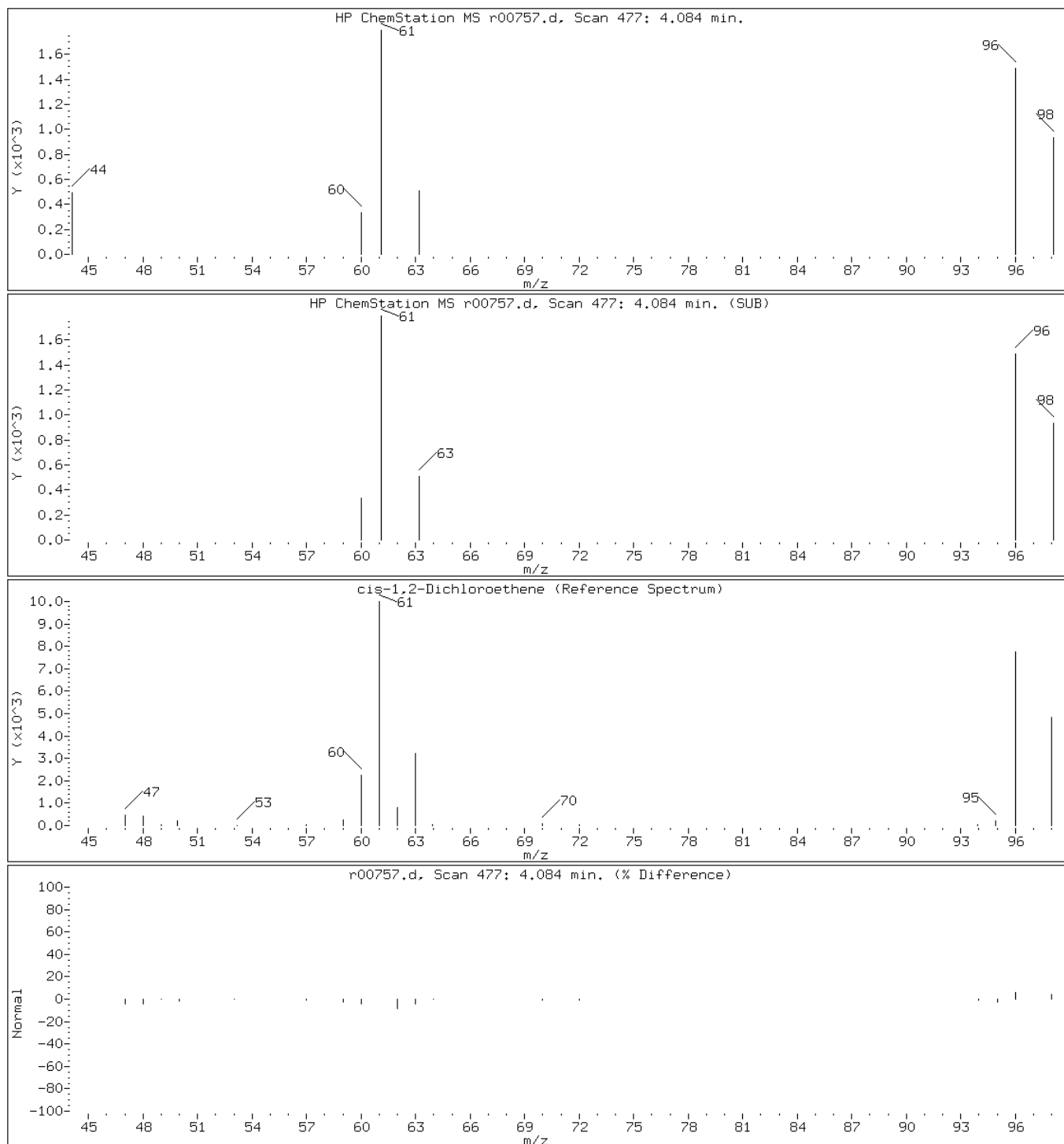
Client ID: EW05-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-21

Operator:

36 cis-1,2-Dichloroethene



Data File: r00757.d

Date: 05-APR-2013 11:46

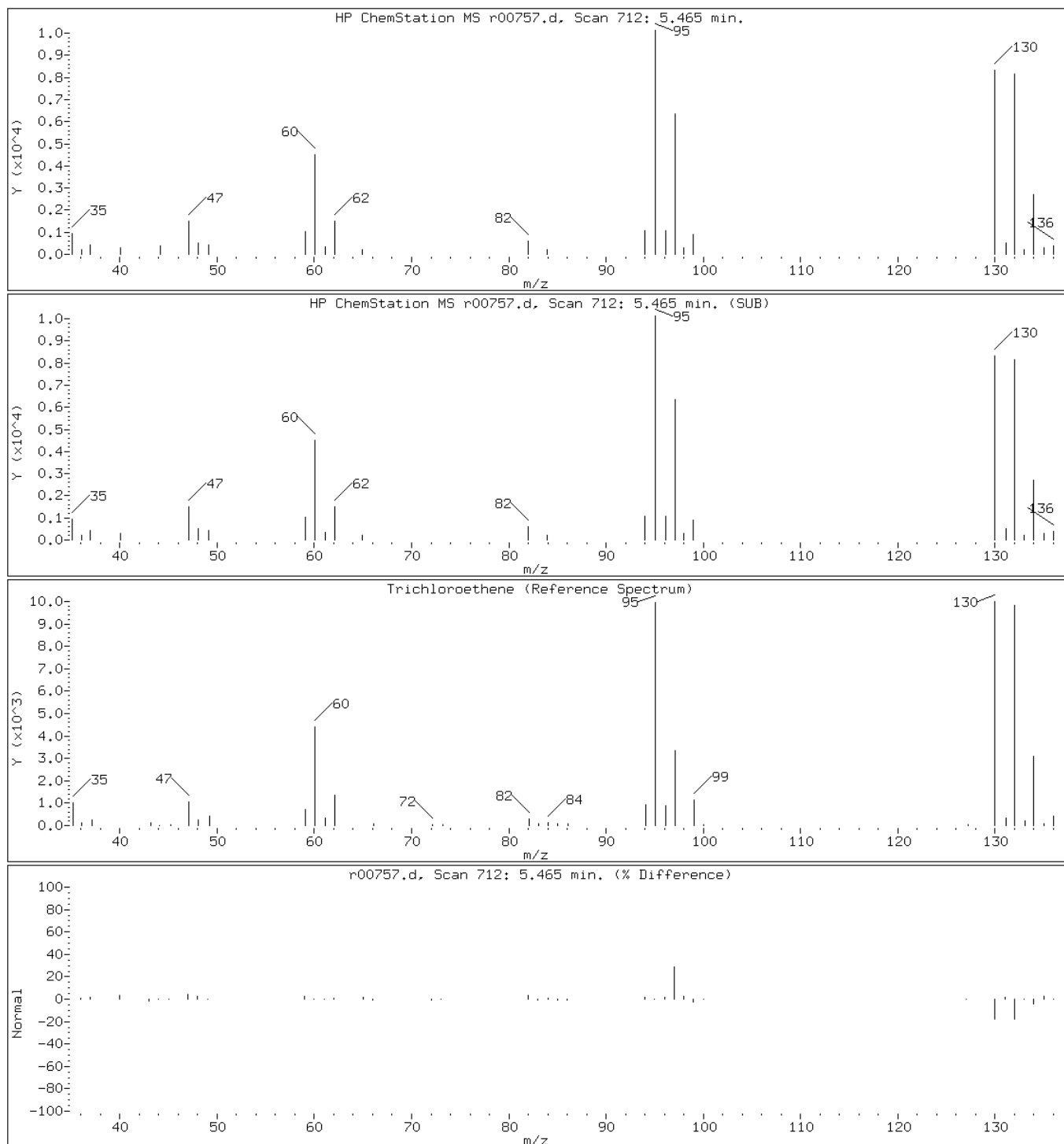
Client ID: EW05-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-21

Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW06A-CP-00-032813 Lab Sample ID: 460-53245-22

Matrix: Water Lab File ID: r00758.d

Analysis Method: 8260B Date Collected: 03/25/2013 08:52

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 12:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	0.20	J	1.0	0.13
75-69-4	Trichlorofluoromethane	0.29	J	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.22	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW06A-CP-00-032813 Lab Sample ID: 460-53245-22
 Matrix: Water Lab File ID: r00758.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:52
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 12:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.91	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00758.d
 Report Date: 05-Apr-2013 13:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00758.d
 Lab Smp Id: 460-53245-C-22 Client Smp ID: EW06A-CP-00-032813
 Inj Date : 05-APR-2013 12:11
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-22
 Misc Info : 460-53245-C-22
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 35
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
7 Trichlorofluoromethane		101	2.139	2.133 (0.417)		1600	0.29215	0.29(a)
16 Acetone		58	2.656	2.656 (0.518)		4446	12.2111	12
18 Carbon Disulfide		76	2.739	2.739 (0.534)		2185	0.20475	0.20(a)
44 Cyclohexane		56	4.472	4.472 (0.873)		5021	0.91041	0.91(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848 (0.947)		158472	60.1483	60
* 52 Fluorobenzene		96	5.124	5.124 (1.000)		570366	50.0000	
54 Trichloroethene		95	5.471	5.471 (1.068)		779	0.21552	0.22(a)
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		375721	49.8461	50
* 78 Chlorobenzene-d5		117	8.549	8.550 (1.000)		387931	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		159183	47.7165	48
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		224713	50.0000	

QC Flag Legend

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

Data File: r00758.d

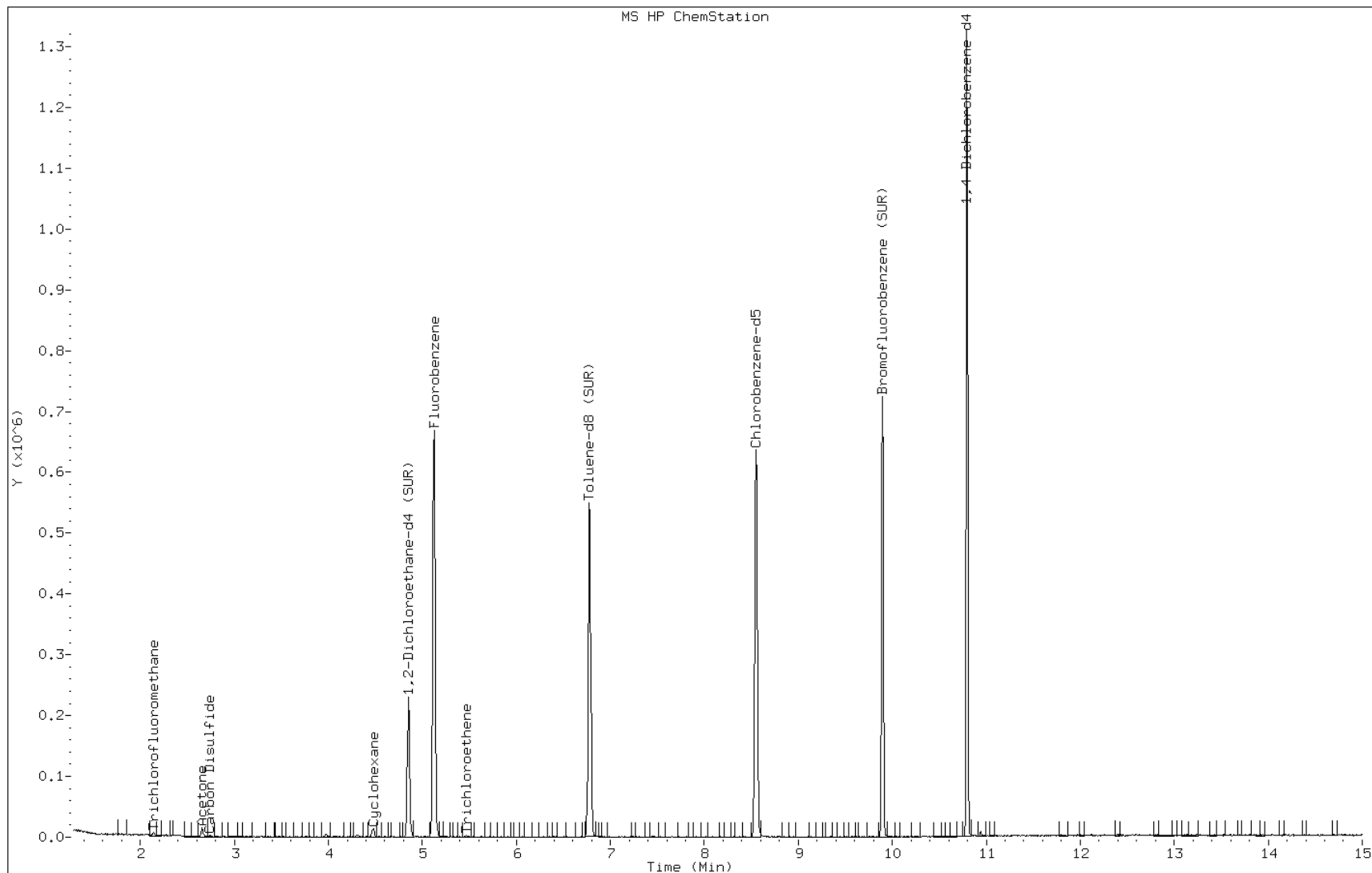
Date: 05-APR-2013 12:11

Client ID: EW06A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-22

Operator:



Data File: r00758.d

Date: 05-APR-2013 12:11

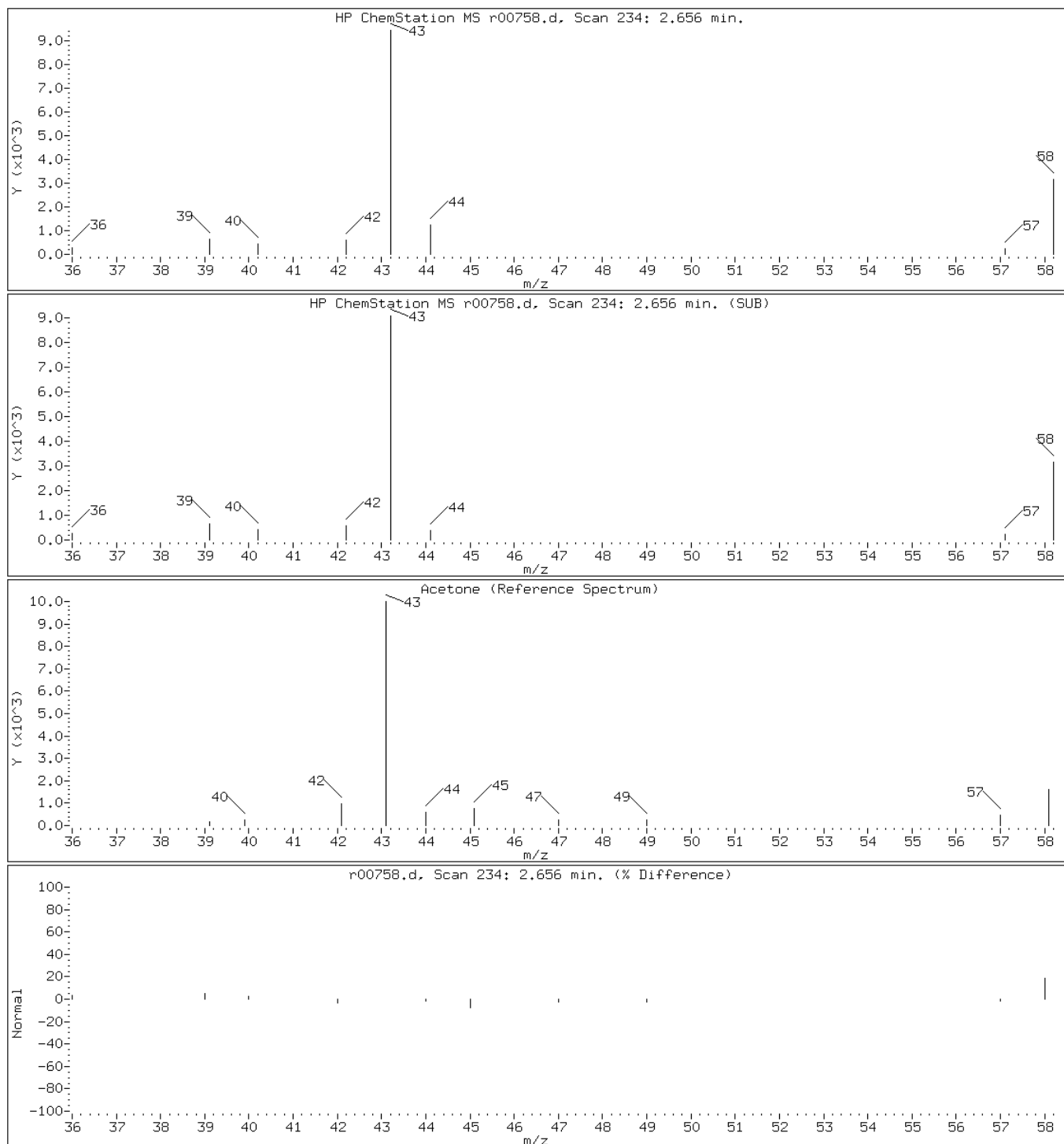
Client ID: EW06A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-22

Operator:

16 Acetone



Data File: r00758.d

Date: 05-APR-2013 12:11

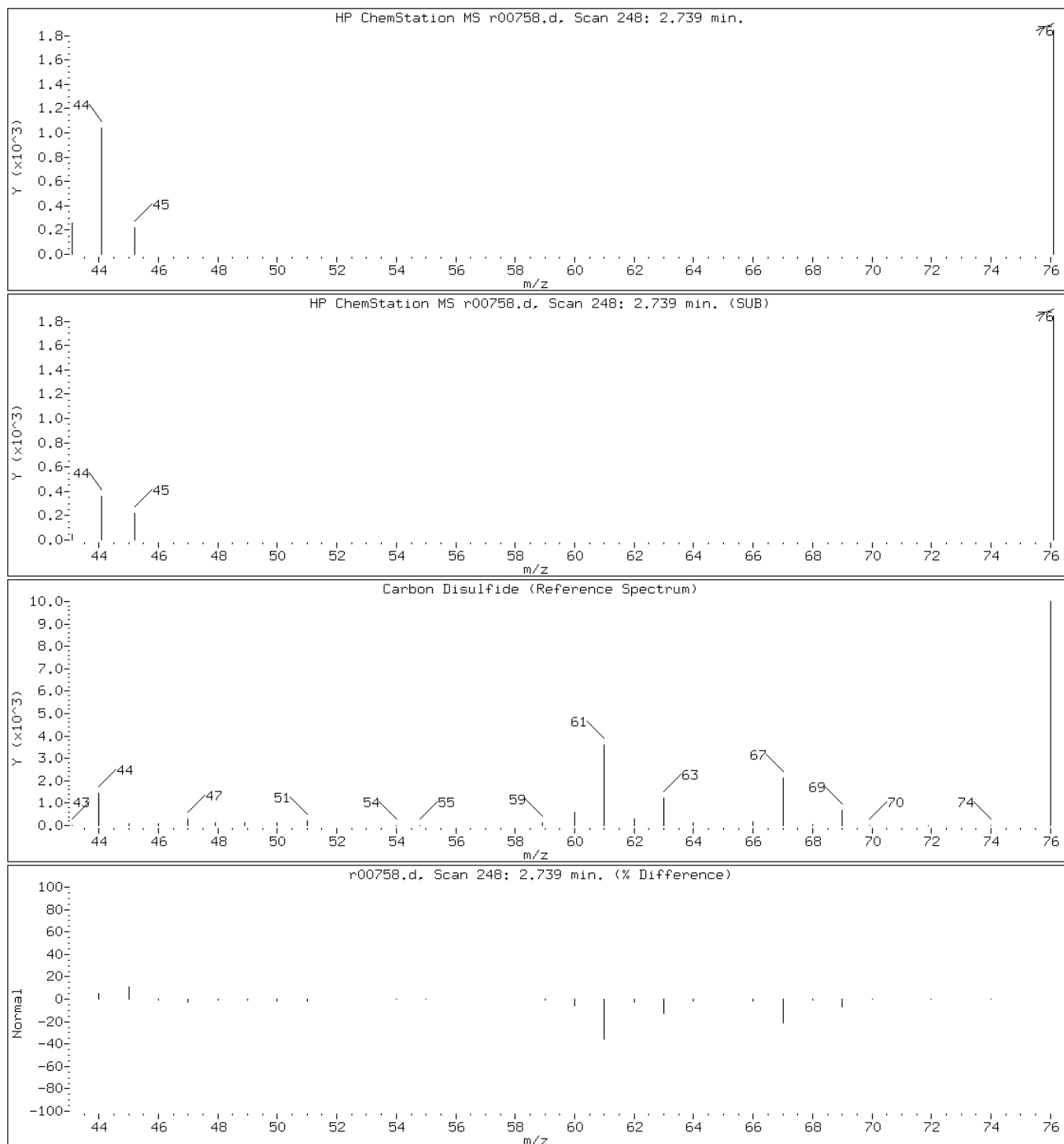
Client ID: EW06A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-22

Operator:

18 Carbon Disulfide



Data File: r00758.d

Date: 05-APR-2013 12:11

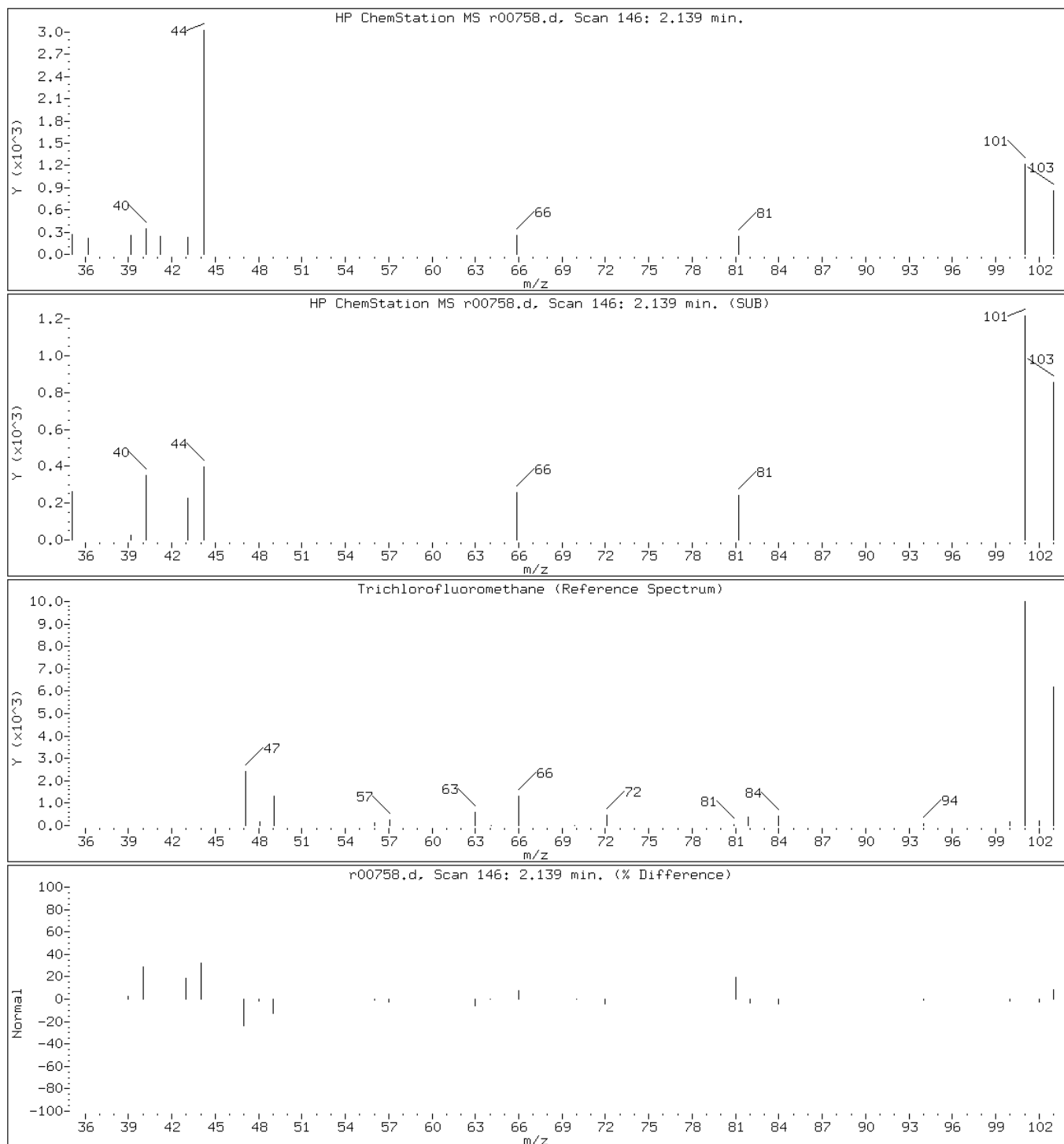
Client ID: EW06A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-22

Operator:

7 Trichlorofluoromethane



Data File: r00758.d

Date: 05-APR-2013 12:11

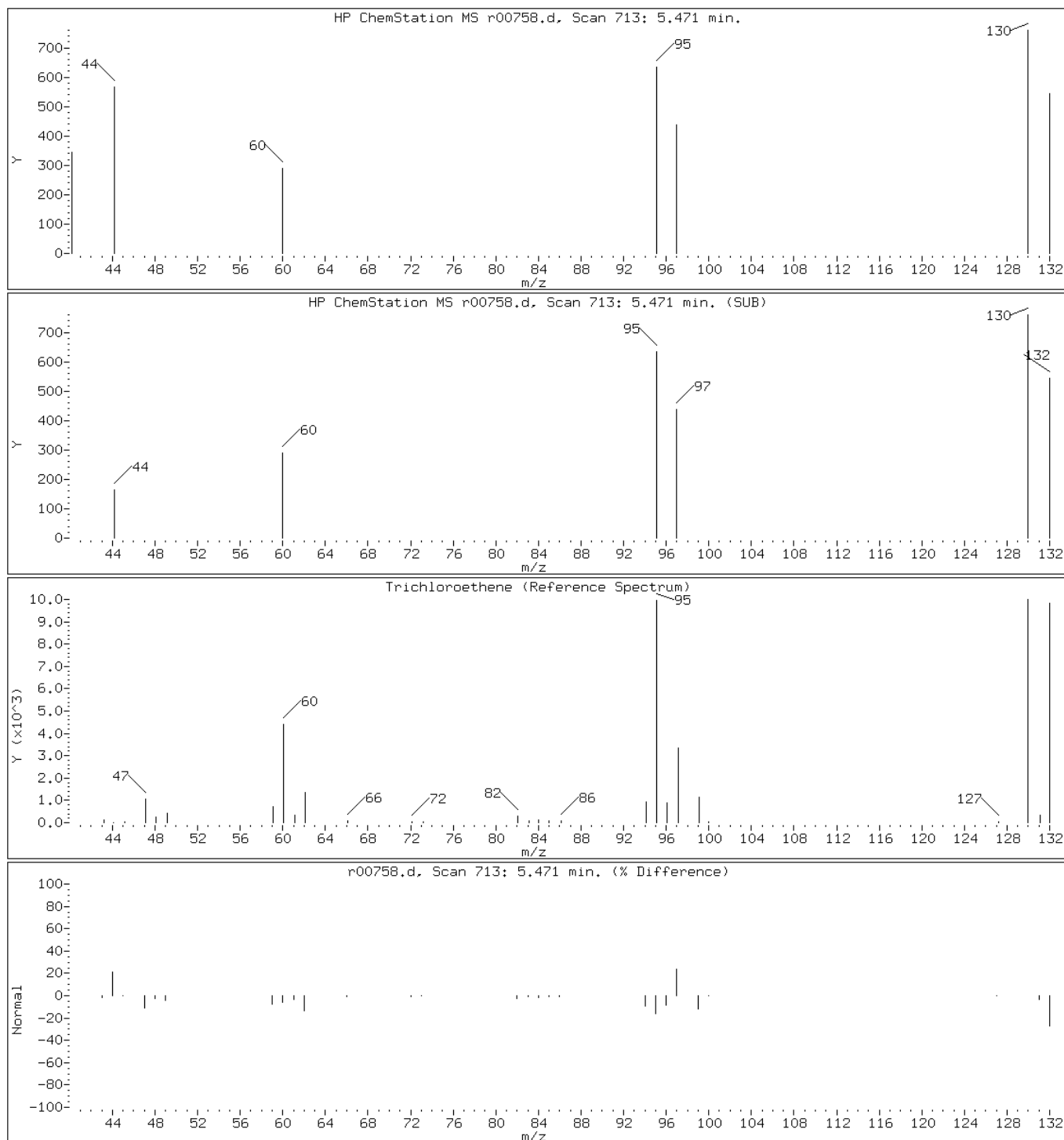
Client ID: EW06A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-22

Operator:

54 Trichloroethene



Data File: r00758.d

Date: 05-APR-2013 12:11

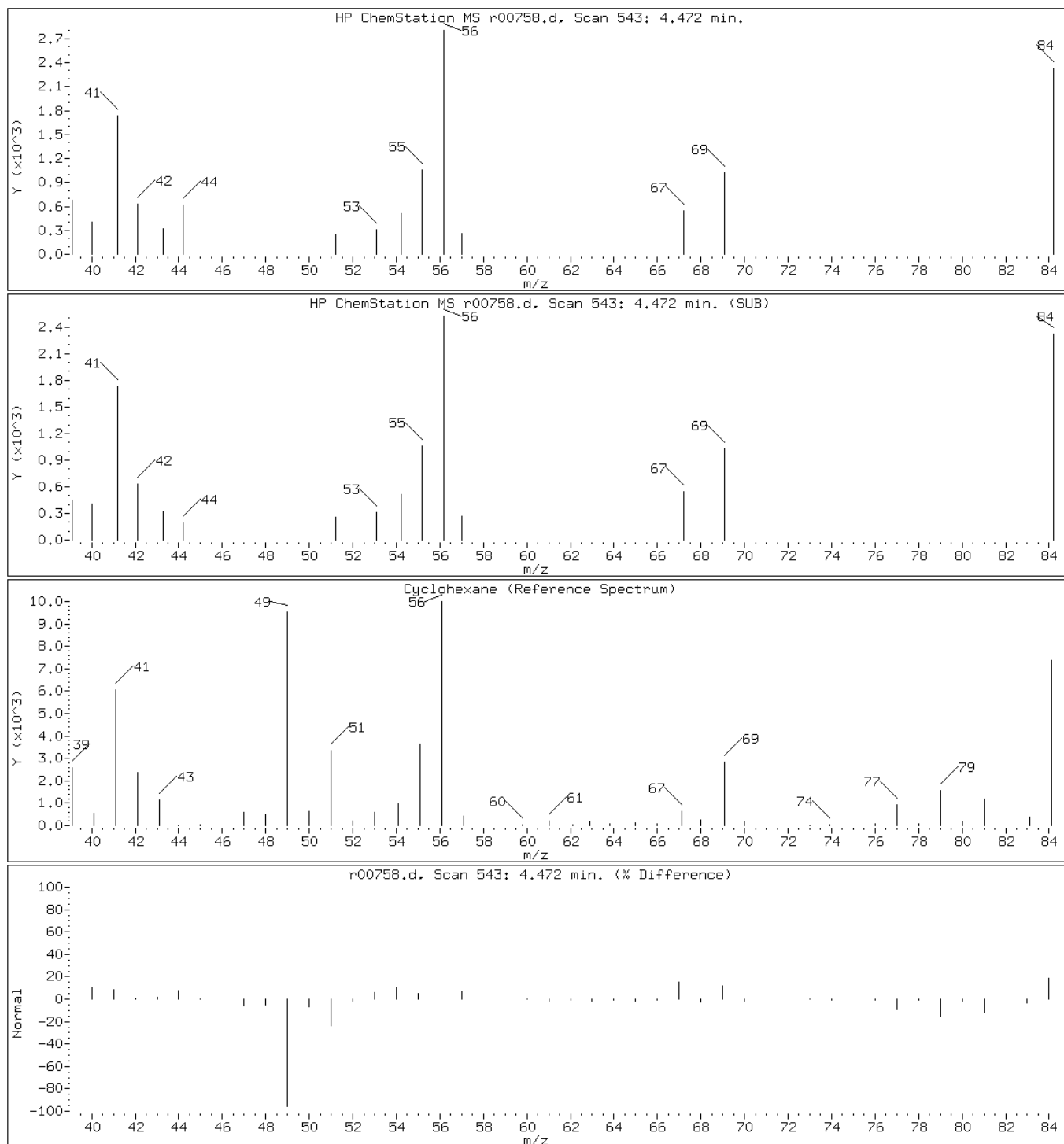
Client ID: EW06A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-22

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW06C-CP-00-032813 Lab Sample ID: 460-53245-23
 Matrix: Water Lab File ID: r00759.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:51
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 12:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	11		5.0	2.7
75-15-0	Carbon disulfide	0.24	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.18	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW06C-CP-00-032813 Lab Sample ID: 460-53245-23
 Matrix: Water Lab File ID: r00759.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:51
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 12:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.4		1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00759.d
 Report Date: 05-Apr-2013 16:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00759.d
 Lab Smp Id: 460-53245-C-23 Client Smp ID: EW06C-CP-00-032813
 Inj Date : 05-APR-2013 12:37
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-23
 Misc Info : 460-53245-C-23
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 36
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	====	==	=====	=====	=====	=====	=====
16 Acetone	58	2.662	2.656	(0.520)	3804	10.7239	11
18 Carbon Disulfide	76	2.744	2.739	(0.536)	2506	0.24104	0.24(a)
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1513	1.36539	1.4
44 Cyclohexane	56	4.472	4.472	(0.873)	7318	1.36197	1.4
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	160205	62.4129	62
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	555682	50.0000	
54 Trichloroethene	95	5.465	5.471	(1.066)	638	0.18117	0.18(a)
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	360774	48.8674	49
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	379959	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	154001	47.4467	47
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	218634	50.0000	

QC Flag Legend

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

Data File: r00759.d

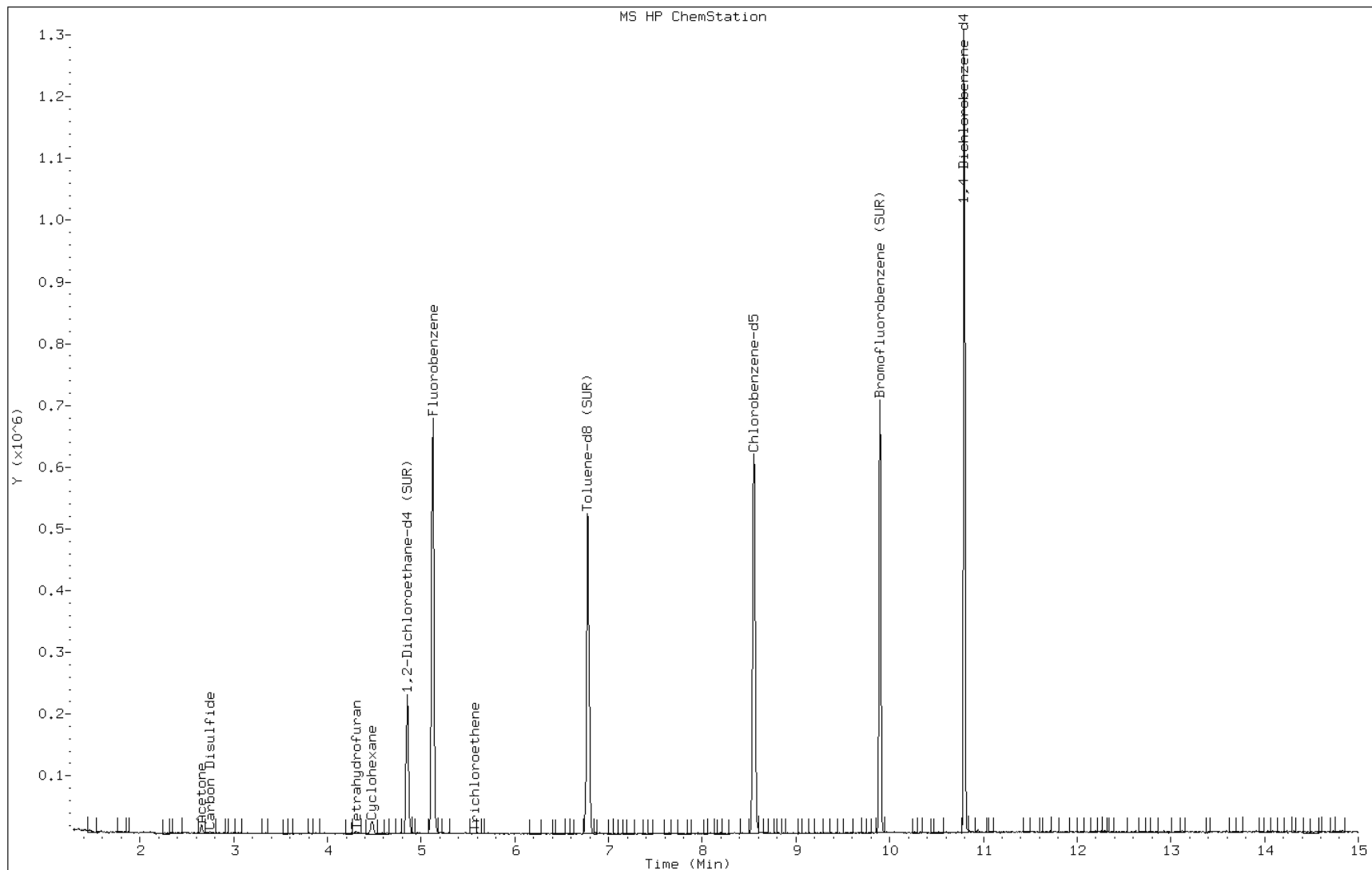
Date: 05-APR-2013 12:37

Client ID: EW06C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-23

Operator:



Data File: r00759.d

Date: 05-APR-2013 12:37

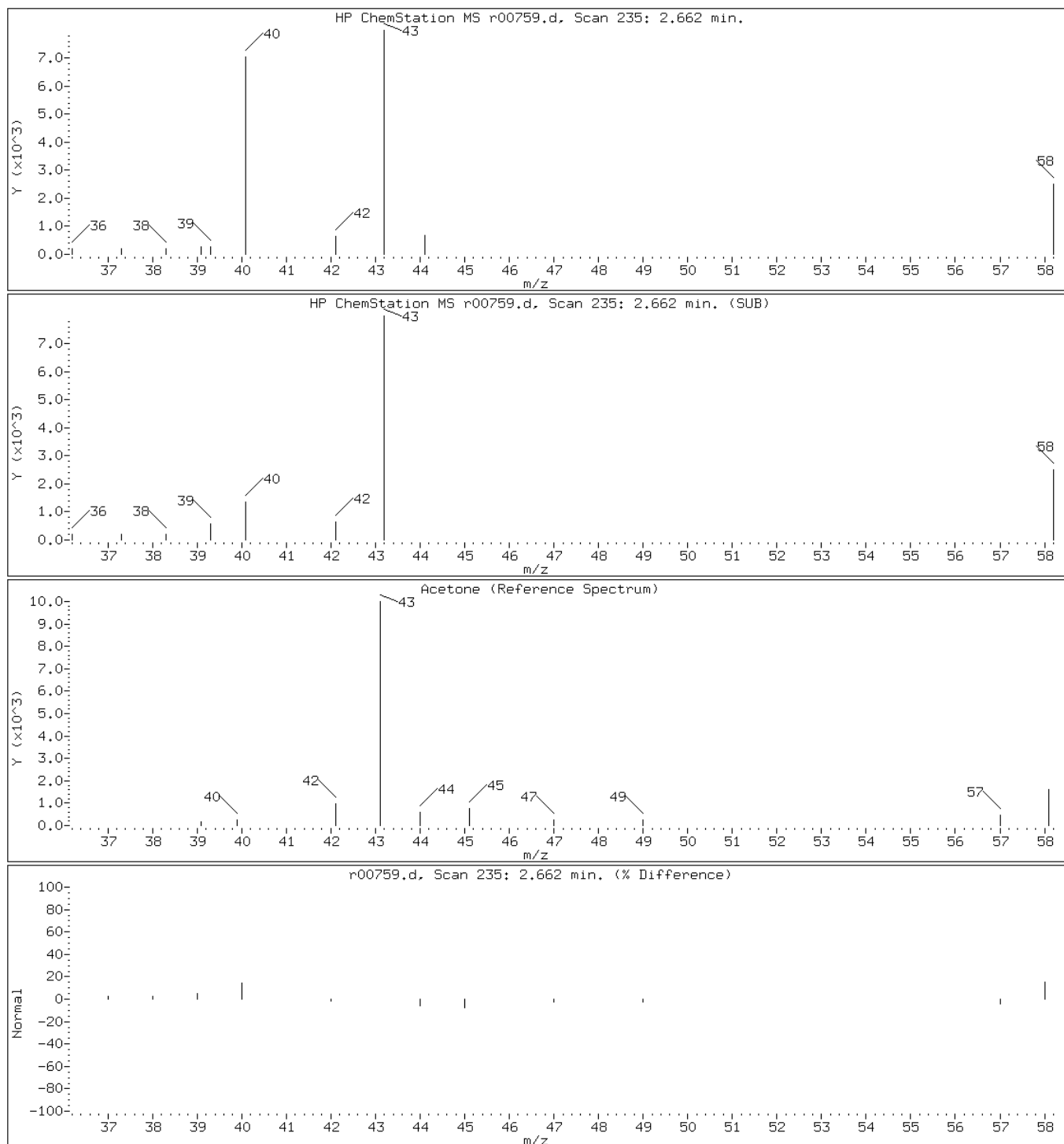
Client ID: EW06C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-23

Operator:

16 Acetone



Data File: r00759.d

Date: 05-APR-2013 12:37

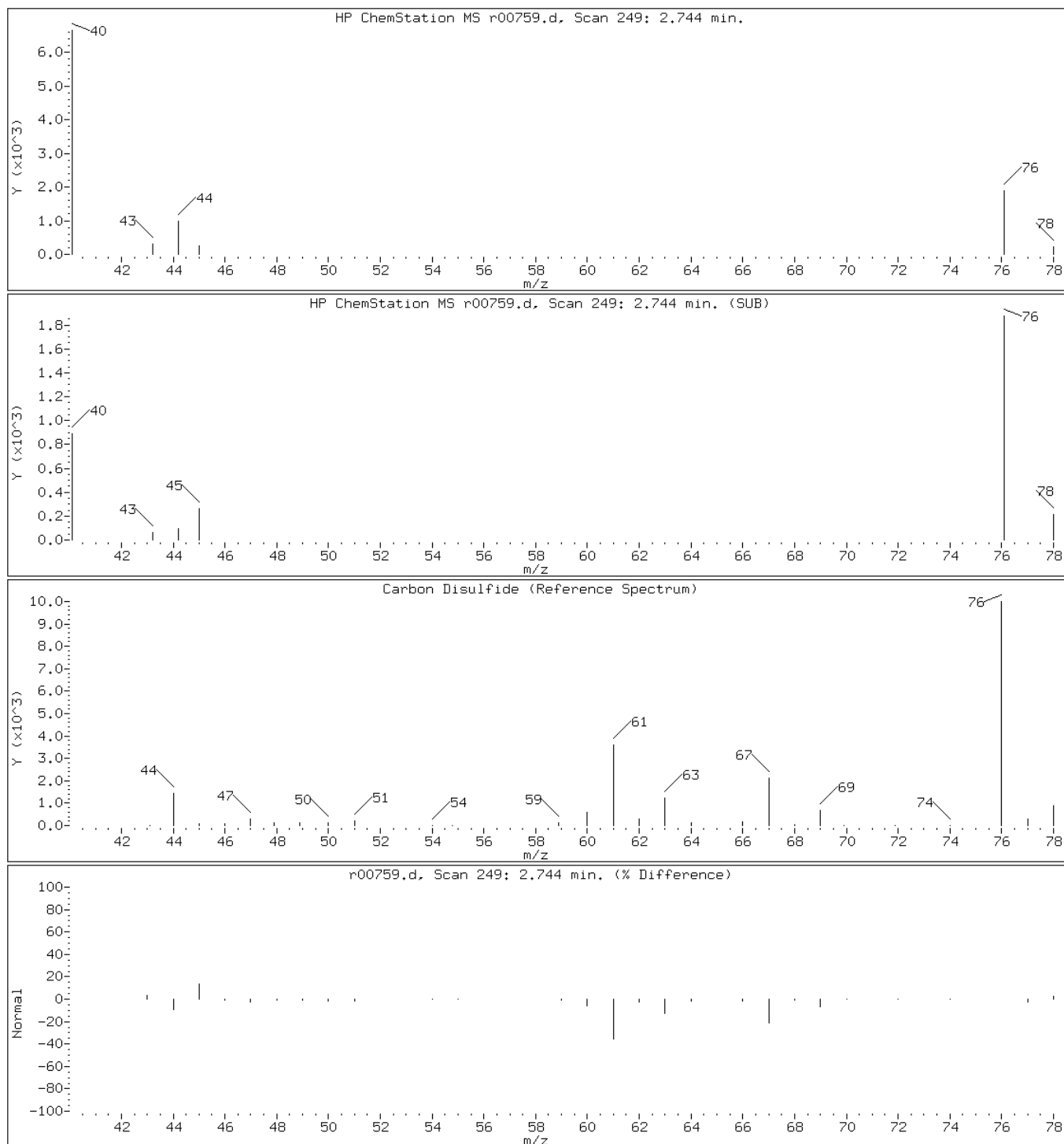
Client ID: EW06C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-23

Operator:

18 Carbon Disulfide



Data File: r00759.d

Date: 05-APR-2013 12:37

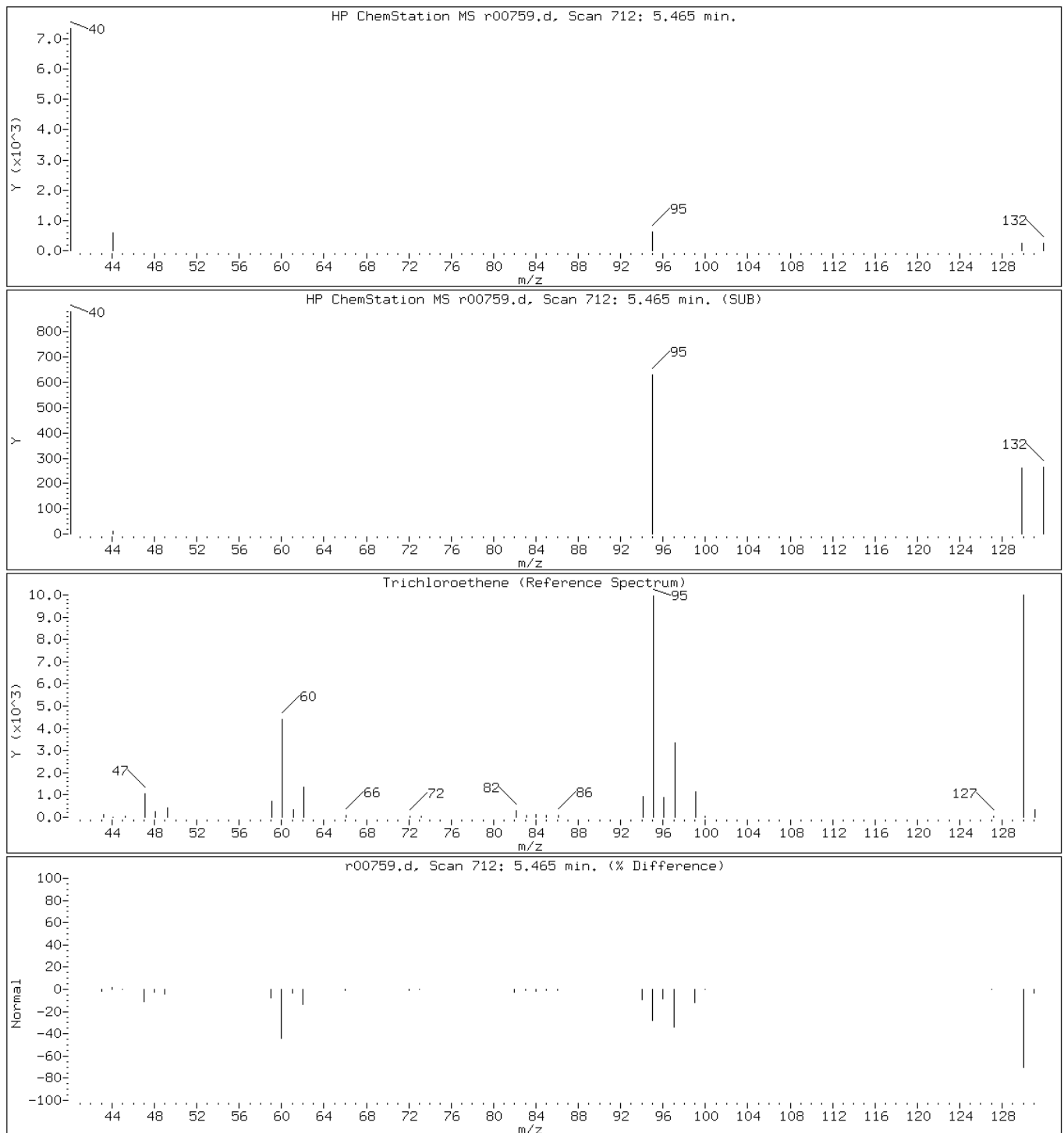
Client ID: EW06C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-23

Operator:

54 Trichloroethene



Data File: r00759.d

Date: 05-APR-2013 12:37

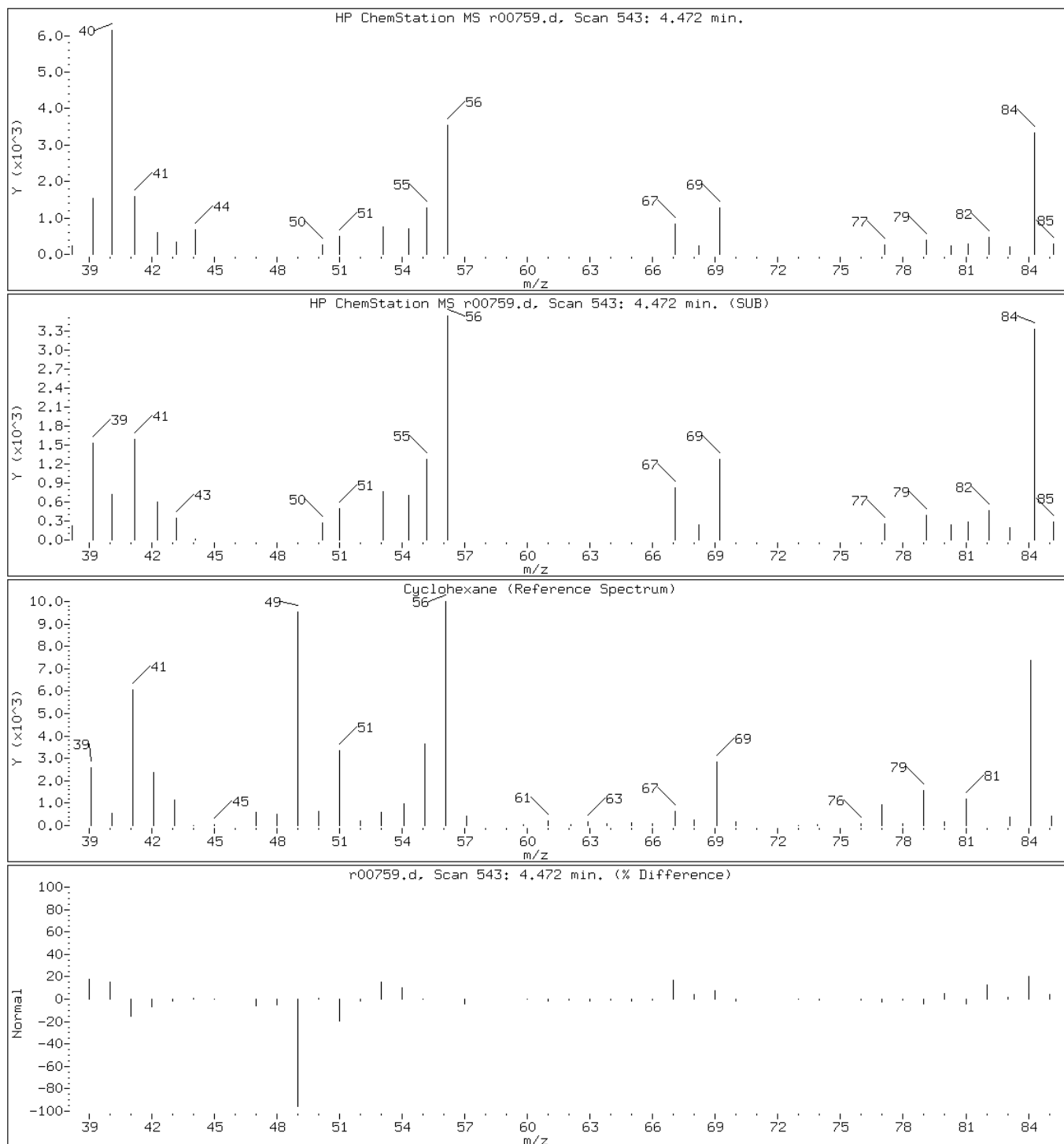
Client ID: EW06C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-23

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW07C-CP-00-032813 Lab Sample ID: 460-53245-24

Matrix: Water Lab File ID: r00776.d

Analysis Method: 8260B Date Collected: 03/25/2013 13:09

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 20:45

Soil Aliquot Vol: _____ Dilution Factor: 2

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2.0	U	2.0	0.20
74-83-9	Bromomethane	2.0	U	2.0	0.36
75-01-4	Vinyl chloride	2.0	U	2.0	0.28
75-00-3	Chloroethane	2.0	U	2.0	0.34
75-09-2	Methylene Chloride	0.59	J	2.0	0.36
67-64-1	Acetone	19		10	5.4
75-15-0	Carbon disulfide	2.0	U	2.0	0.26
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.30
75-35-4	1,1-Dichloroethene	0.86	J	2.0	0.18
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.26
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.26
156-59-2	cis-1,2-Dichloroethene	7.6		2.0	0.36
67-66-3	Chloroform	2.0	U	2.0	0.16
107-06-2	1,2-Dichloroethane	2.0	U *	2.0	0.38
78-93-3	2-Butanone	10	U	10	4.6
71-55-6	1,1,1-Trichloroethane	1.5	J	2.0	0.12
56-23-5	Carbon tetrachloride	2.0	U *	2.0	0.12
75-27-4	Bromodichloromethane	2.0	U	2.0	0.24
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.18
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.36
79-01-6	Trichloroethene	440		2.0	0.18
124-48-1	Dibromochloromethane	2.0	U	2.0	0.40
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.38
71-43-2	Benzene	2.0	U	2.0	0.16
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.48
75-25-2	Bromoform	2.0	U	2.0	0.38
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	2.0
591-78-6	2-Hexanone	10	U	10	1.0
127-18-4	Tetrachloroethene	20		2.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.32
108-88-3	Toluene	2.0	U	2.0	0.30
108-90-7	Chlorobenzene	2.0	U	2.0	0.22
100-41-4	Ethylbenzene	2.0	U	2.0	0.20
100-42-5	Styrene	2.0	U	2.0	0.24
179601-23-1	m&p-Xylene	4.0	U	4.0	0.50
95-47-6	o-Xylene	2.0	U	2.0	0.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW07C-CP-00-032813 Lab Sample ID: 460-53245-24
 Matrix: Water Lab File ID: r00776.d
 Analysis Method: 8260B Date Collected: 03/25/2013 13:09
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 20:45
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.16
1634-04-4	Methyl tert-butyl ether	1.7	J	2.0	0.28
110-82-7	Cyclohexane	2.0	U	2.0	0.32
106-93-4	1,2-Dibromoethane	2.0	U	2.0	0.56
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	0.28
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	0.46
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	0.42
75-71-8	Dichlorodifluoromethane	2.0	U	2.0	0.44
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.68
123-91-1	1,4-Dioxane	100	U	100	72
87-61-6	1,2,3-Trichlorobenzene	2.0	U	2.0	1.0
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.80
74-97-5	Bromochloromethane	2.0	U	2.0	0.54
98-82-8	Isopropylbenzene	2.0	U	2.0	0.16
79-20-9	Methyl acetate	4.0	U	4.0	0.68
108-87-2	Methylcyclohexane	2.0	U	2.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00776.d
 Report Date: 06-Apr-2013 07:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00776.d
 Lab Smp Id: 460-53245-B-24 Client Smp ID: EW07C-CP-00-032813
 Inj Date : 05-APR-2013 20:45
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-B-24;2
 Misc Info : 460-53245-B-24
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 26
 Dil Factor: 2.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ug/L)	(ug/L)
=====	=====		==	=====	=====	=====	=====	=====
15 1,1-Dichloroethene	96		2.568	2.562 (0.501)		1135	0.42943	0.86(a)
16 Acetone	58		2.656	2.656 (0.518)		3221	9.29982	18
22 Methylene Chloride	84		3.003	2.997 (0.586)		1019	0.29555	0.59(a)
28 MTBE	73		3.156	3.156 (0.616)		9218	0.86484	1.7(a)
36 cis-1,2-Dichloroethene	96		4.078	4.078 (0.796)		14122	3.77720	7.6
43 1,1,1-Trichloroethane	97		4.495	4.489 (0.877)		3785	0.73769	1.5(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.854 (0.947)		156163	62.3087	62
* 52 Fluorobenzene	96		5.124	5.118 (1.000)		542568	50.0000	
54 Trichloroethene	95		5.471	5.471 (1.068)		749152	217.880	440
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775 (0.792)		356654	49.7015	50
71 Tetrachloroethene	166		7.457	7.457 (0.872)		33544	9.93898	20
* 78 Chlorobenzene-d5	117		8.549	8.550 (1.000)		369316	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895 (0.917)		151255	47.2810	47
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794 (1.000)		215488	50.0000	
M 120 1,2-Dichloroethene (Total)	100					14122	3.77720	7.6

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00776.d
Report Date: 06-Apr-2013 07:59

QC Flag Legend

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

Data File: r00776.d

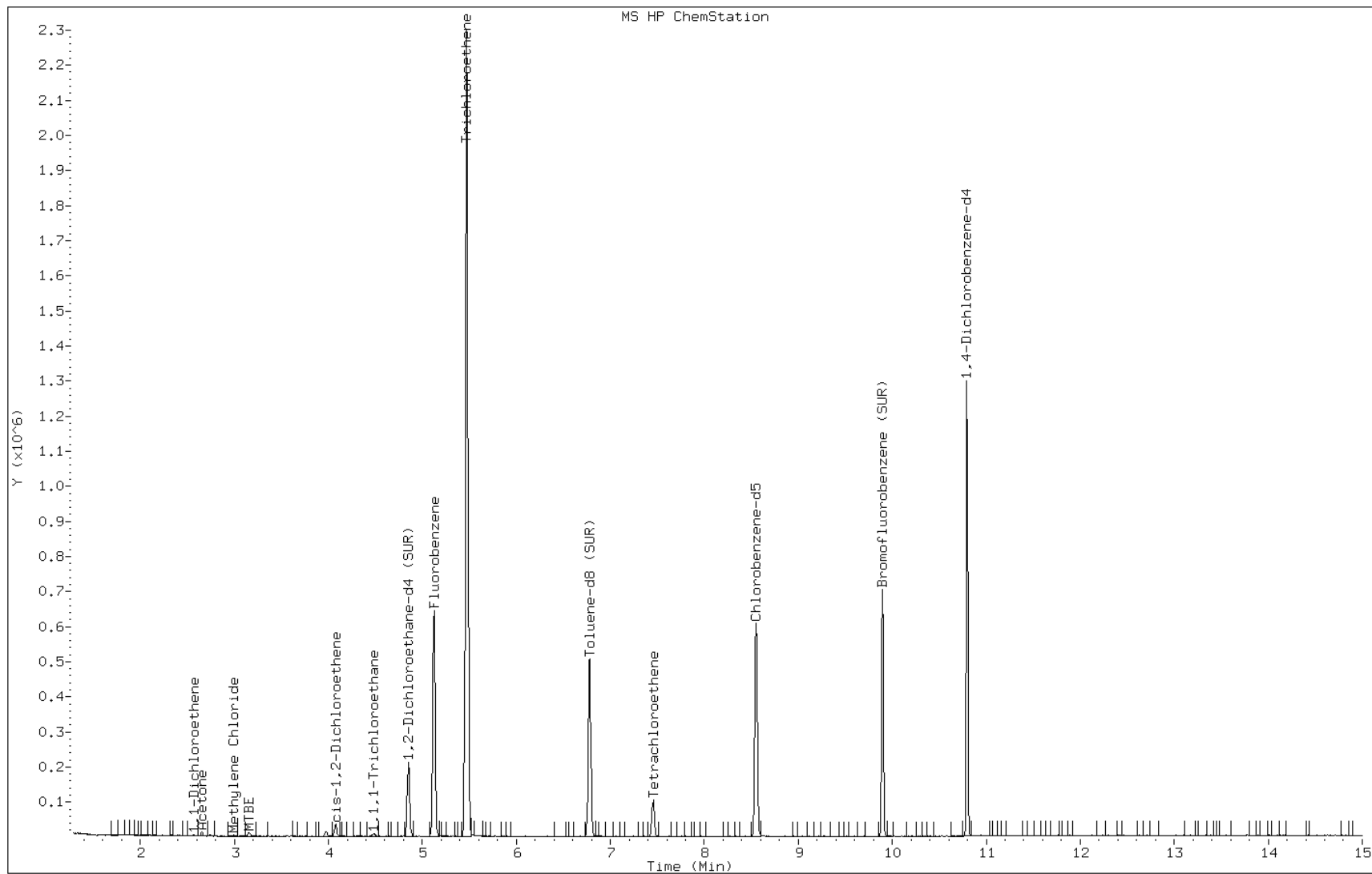
Date: 05-APR-2013 20:45

Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:



Data File: r00776.d

Date: 05-APR-2013 20:45

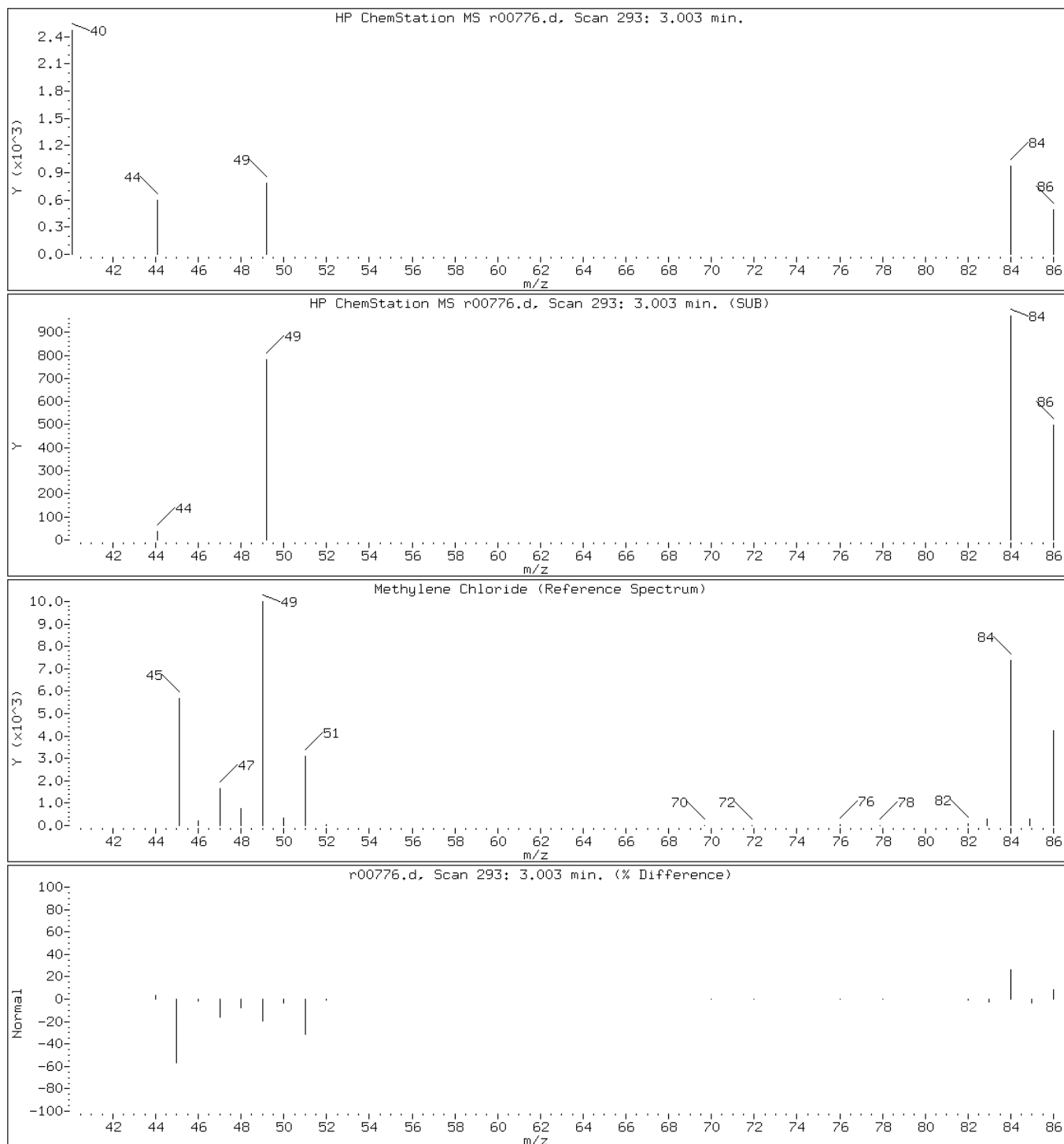
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

22 Methylene Chloride



Data File: r00776.d

Date: 05-APR-2013 20:45

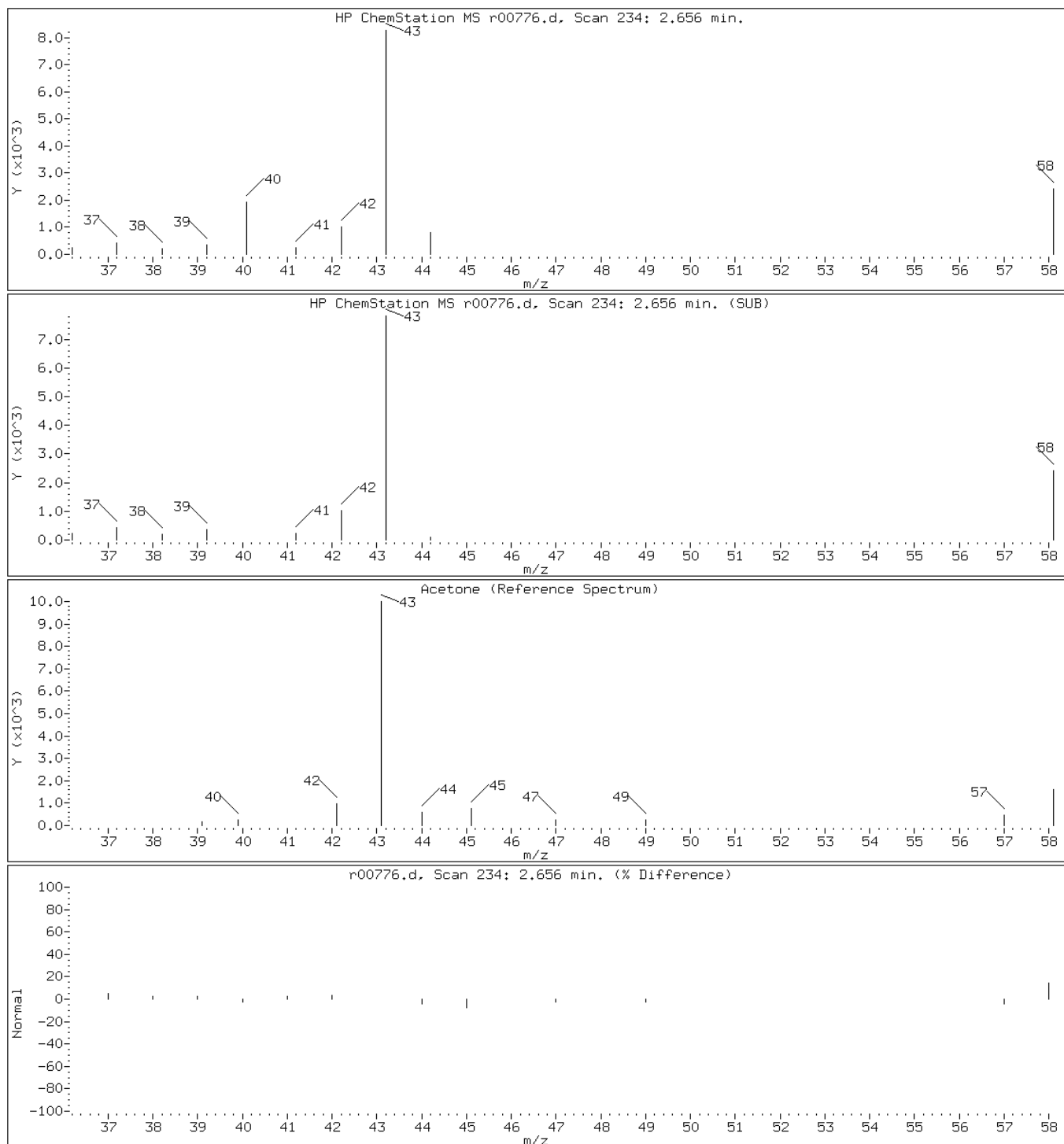
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

16 Acetone



Data File: r00776.d

Date: 05-APR-2013 20:45

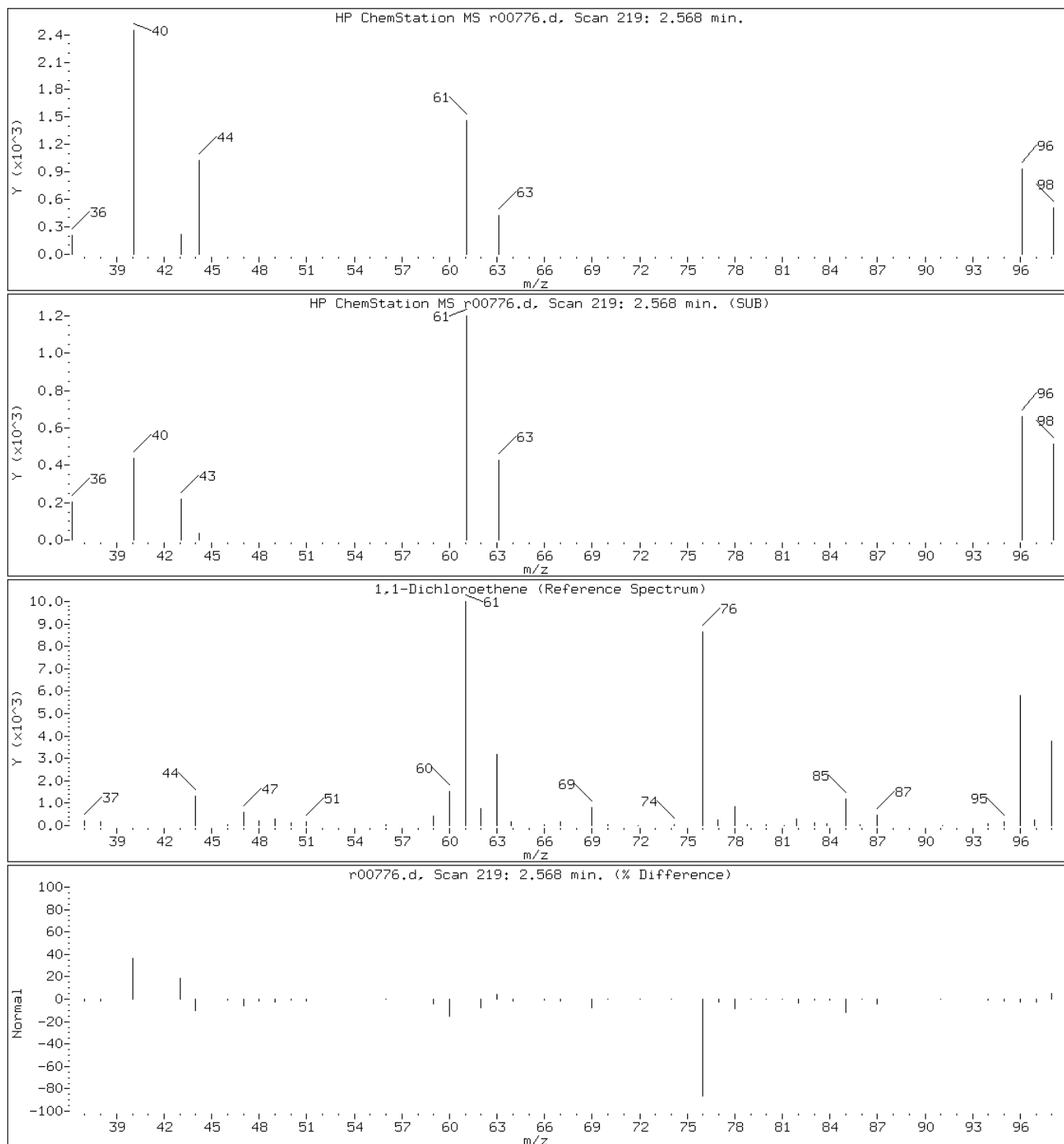
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

15 1,1-Dichloroethene



Data File: r00776.d

Date: 05-APR-2013 20:45

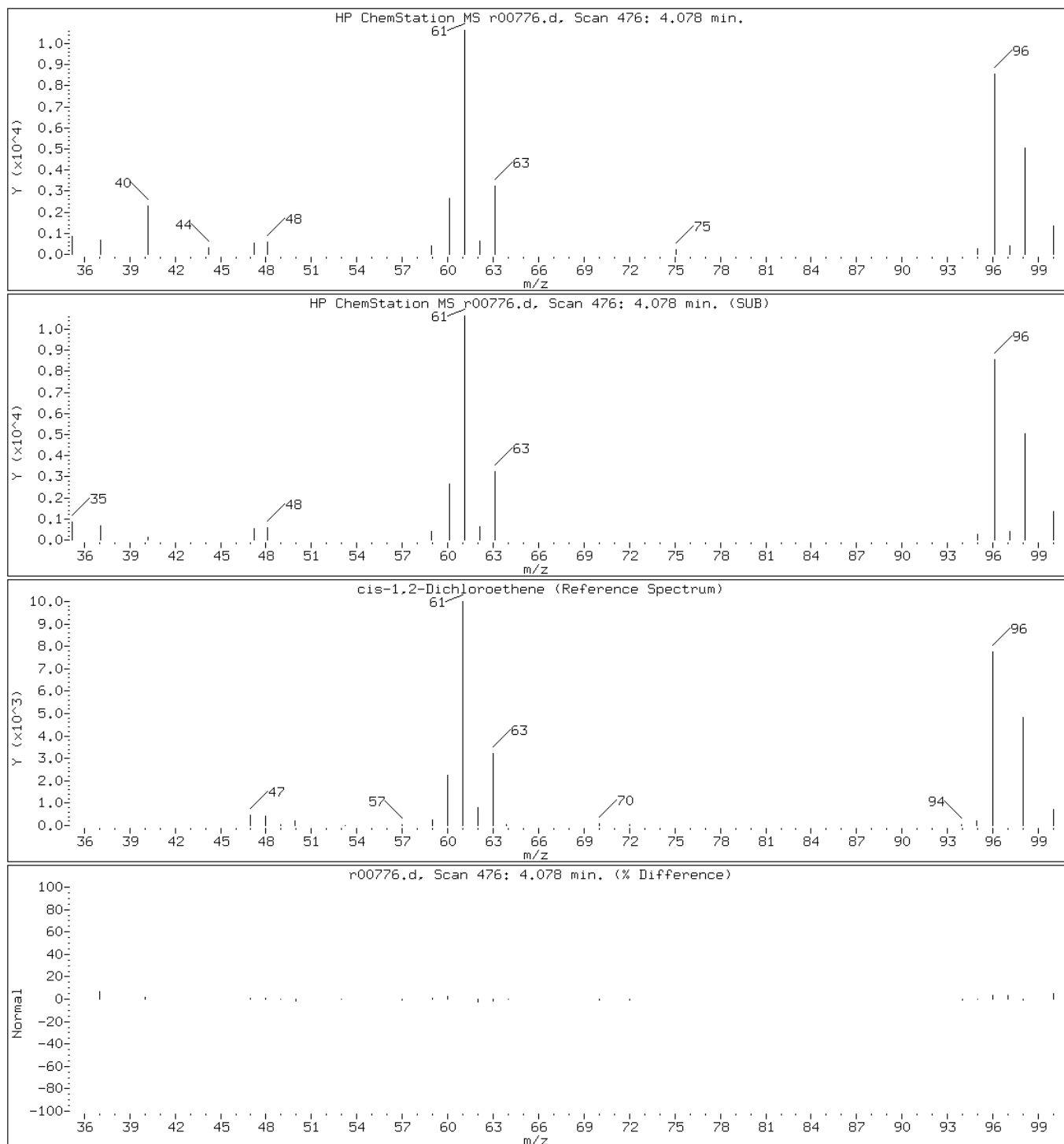
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

36 cis-1,2-Dichloroethene



Data File: r00776.d

Date: 05-APR-2013 20:45

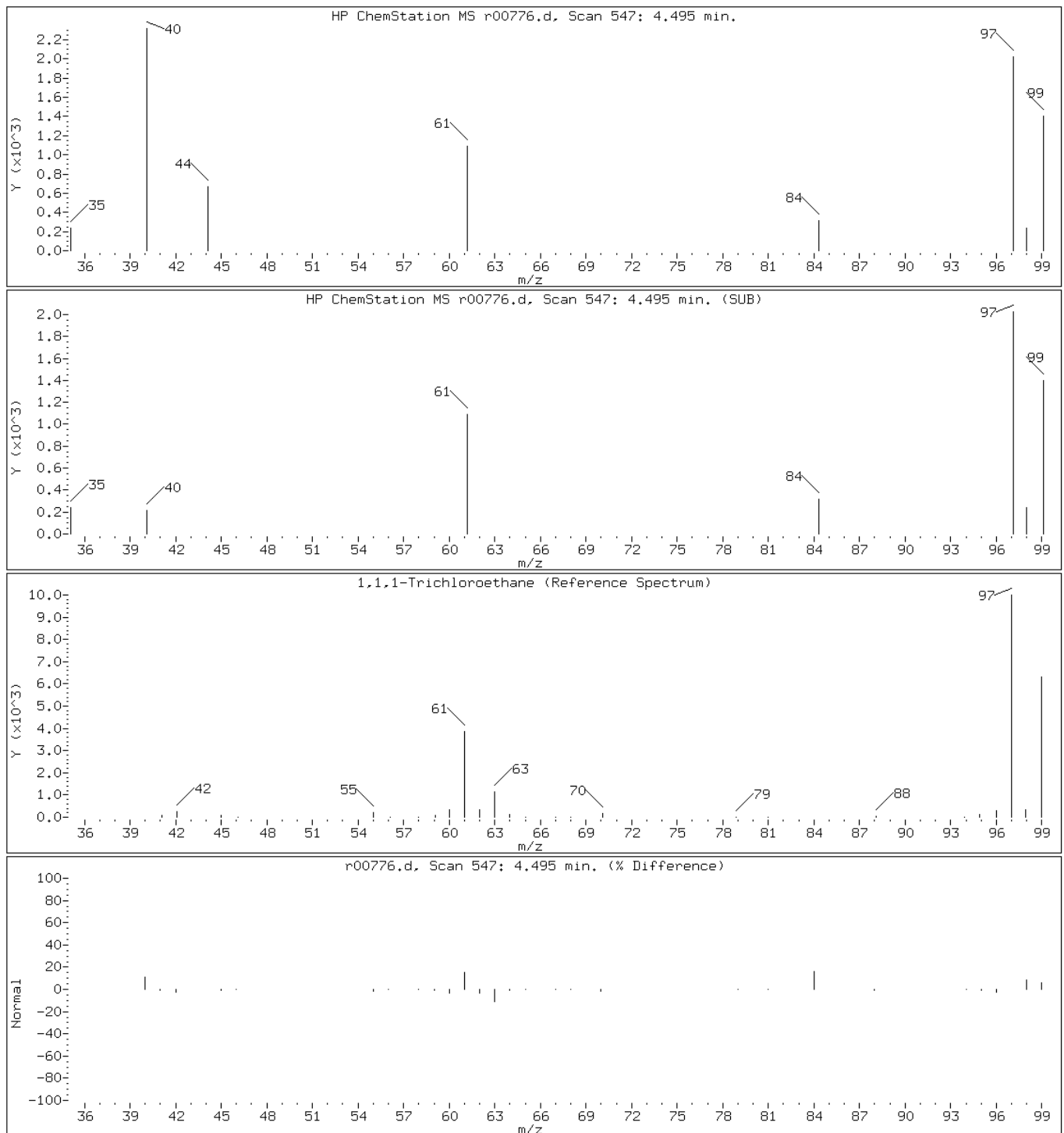
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

43 1,1,1-Trichloroethane



Data File: r00776.d

Date: 05-APR-2013 20:45

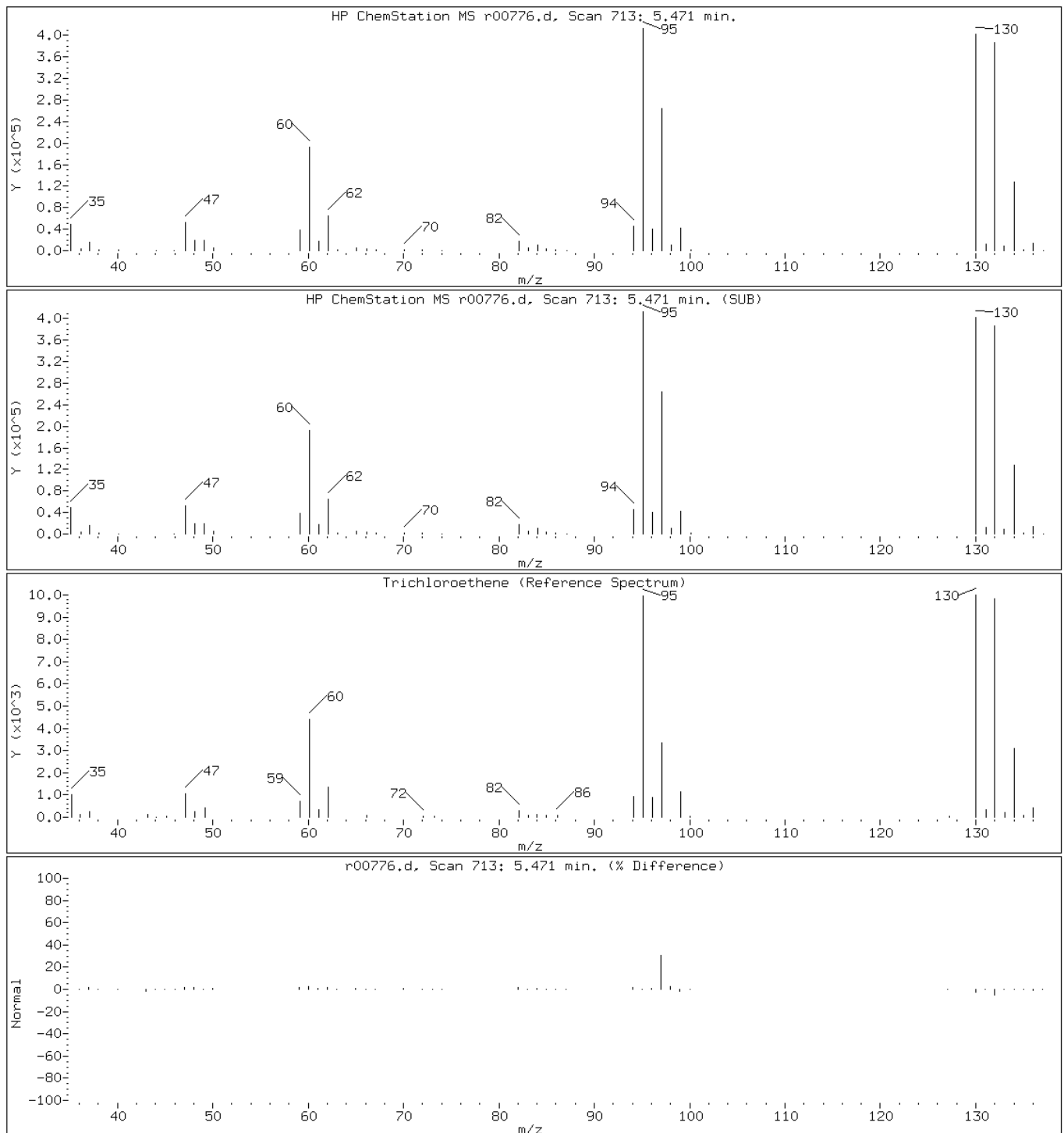
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

54 Trichloroethene



Data File: r00776.d

Date: 05-APR-2013 20:45

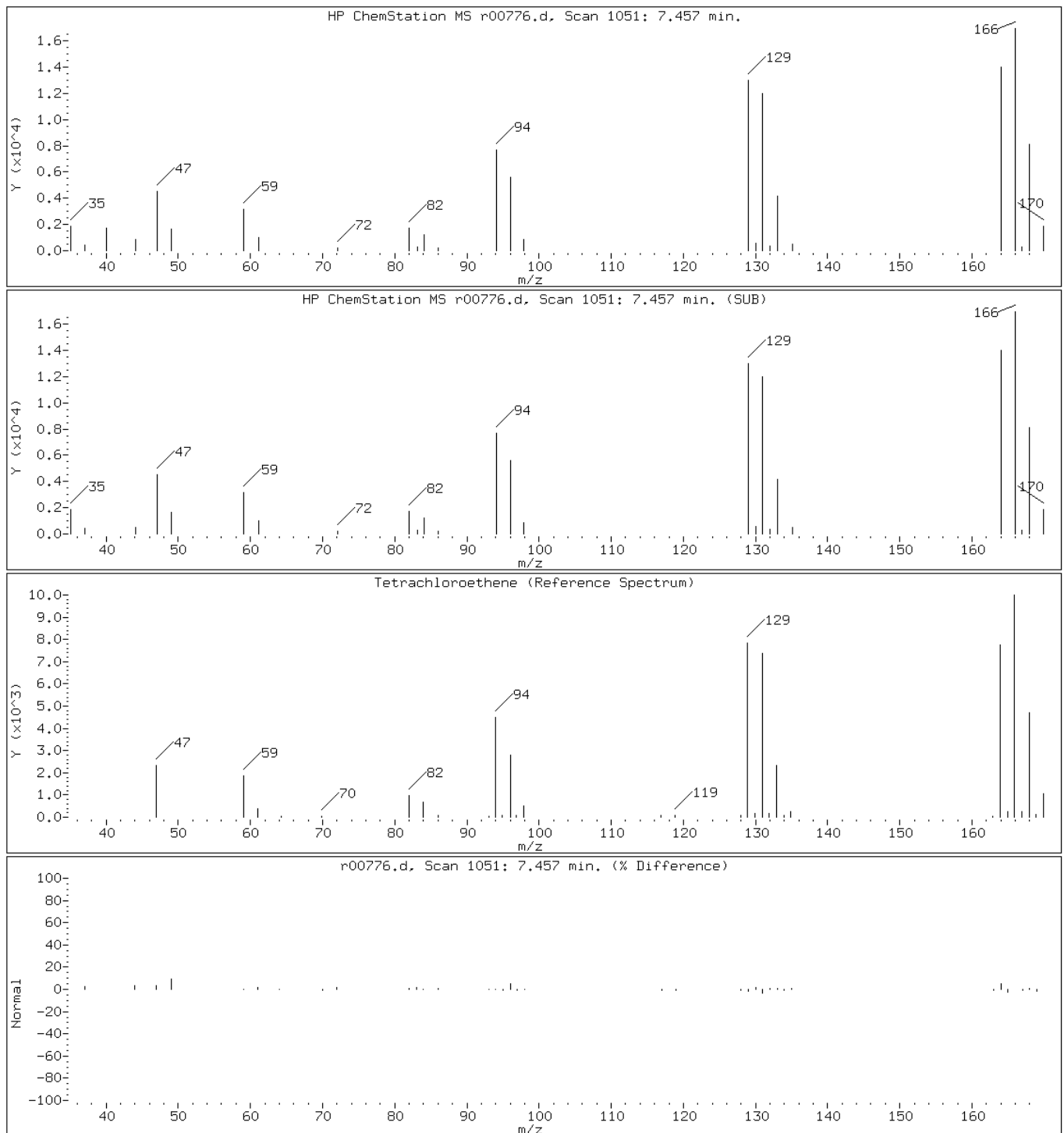
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

71 Tetrachloroethene



Data File: r00776.d

Date: 05-APR-2013 20:45

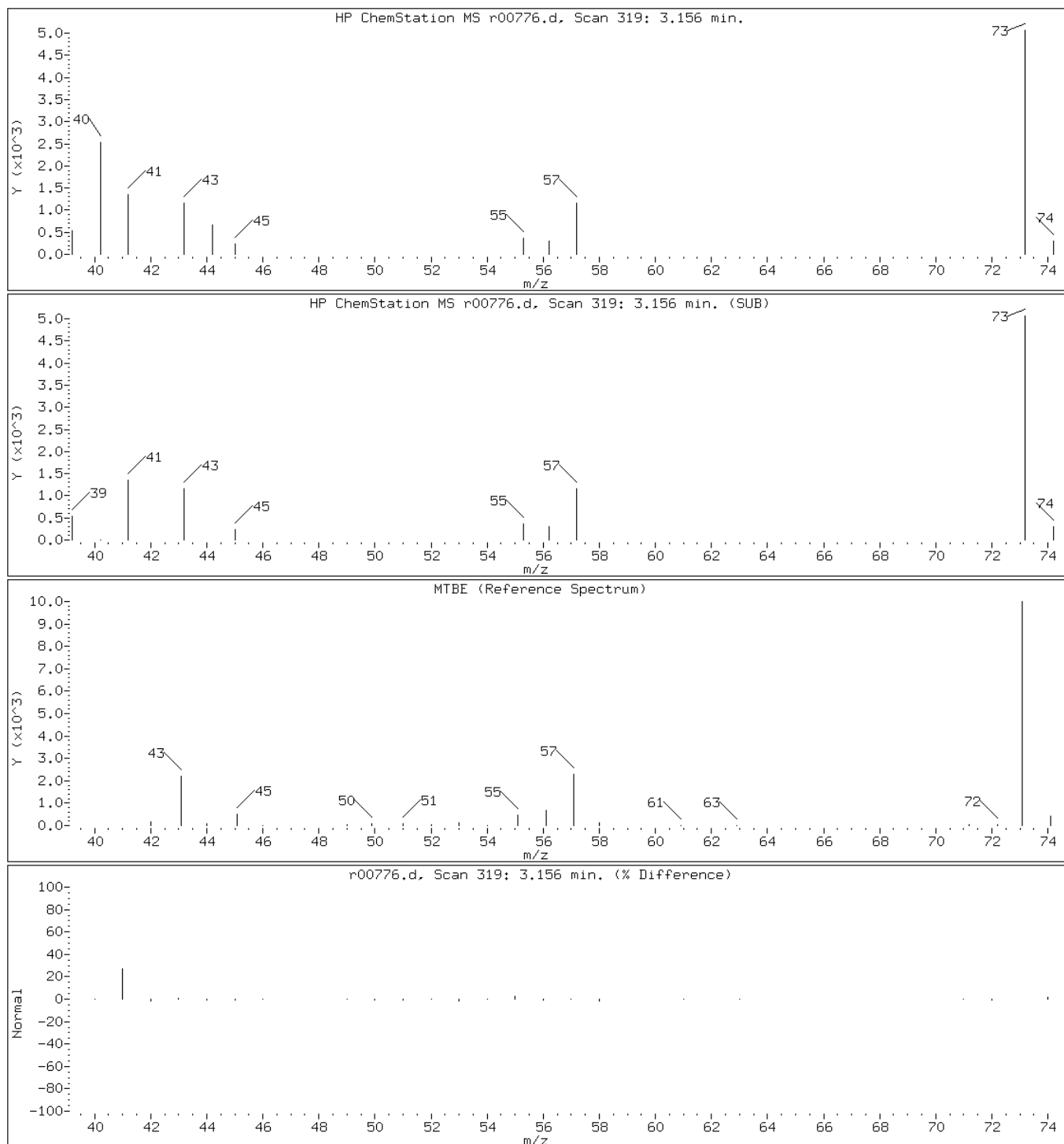
Client ID: EW07C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-24;2

Operator:

28 MTBE



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW07D-CP-00-032813 Lab Sample ID: 460-53245-25

Matrix: Water Lab File ID: r00761.d

Analysis Method: 8260B Date Collected: 03/25/2013 13:23

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 13:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	18		5.0	2.7
75-15-0	Carbon disulfide	0.23	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.14	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.22	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	20		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	13		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW07D-CP-00-032813 Lab Sample ID: 460-53245-25
 Matrix: Water Lab File ID: r00761.d
 Analysis Method: 8260B Date Collected: 03/25/2013 13:23
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 13:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.81	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	127		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	87		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00761.d
 Report Date: 09-Apr-2013 20:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00761.d
 Lab Smp Id: 460-53245-C-25 Client Smp ID: EW07D-CP-00-032813
 Inj Date : 05-APR-2013 13:28
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-25
 Misc Info : 460-53245-C-25
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 38
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
16 Acetone	58	2.656	2.656	(0.518)	5960		18.3449	18
18 Carbon Disulfide	76	2.738	2.739	(0.534)	2230		0.23418	0.23(a)
41 Tetrahydrofuran	42	4.313	4.301	(0.842)	1378		1.35844	1.4
42 Chloroform	83	4.348	4.348	(0.849)	741		0.13711	0.14(a)
44 Cyclohexane	56	4.478	4.472	(0.874)	4006		0.81404	0.81(a)
43 1,1,1-Trichloroethane	97	4.501	4.489	(0.878)	1055		0.21935	0.22(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	149448		63.5657	64
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	508970		50.0000	
54 Trichloroethene	95	5.471	5.471	(1.068)	64535		20.0082	20
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	332527		49.1750	49
71 Tetrachloroethene	166	7.457	7.457	(0.872)	42257		13.2869	13
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	348019		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	131107		43.7498	44
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	201860		50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00761.d
Report Date: 09-Apr-2013 20:38

QC Flag Legend

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

Data File: r00761.d

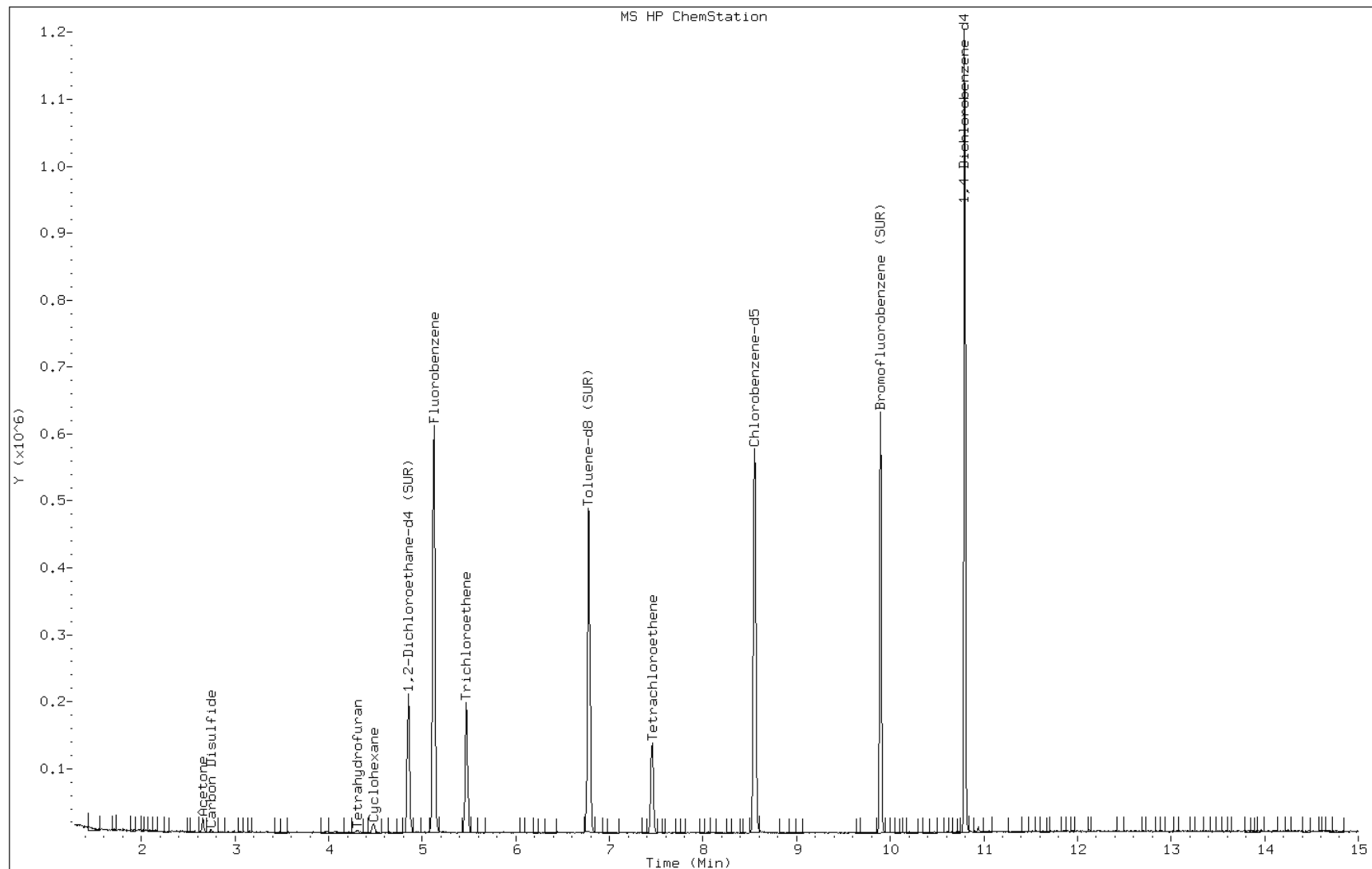
Date: 05-APR-2013 13:28

Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:



Data File: r00761.d

Date: 05-APR-2013 13:28

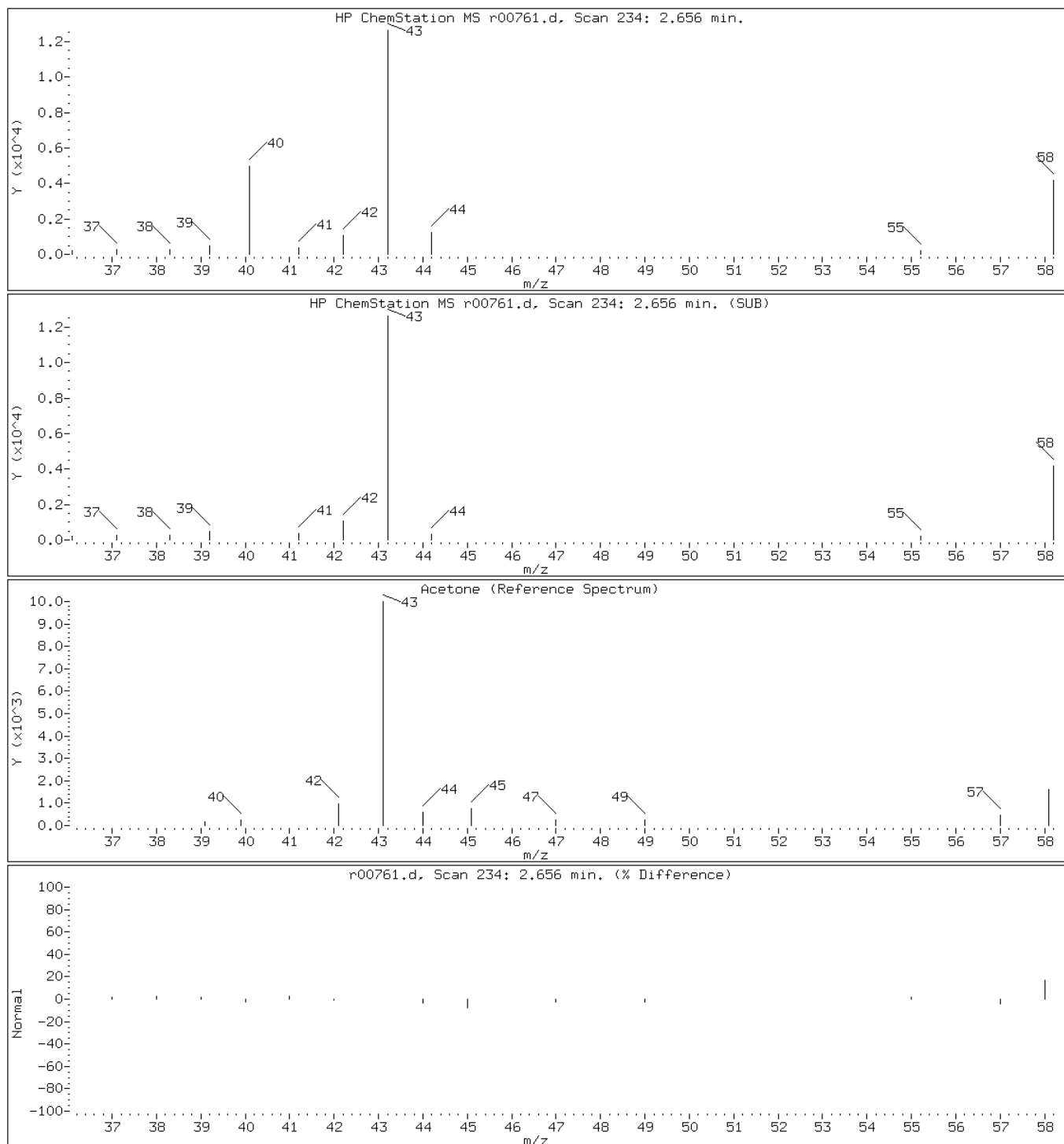
Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:

16 Acetone



Data File: r00761.d

Date: 05-APR-2013 13:28

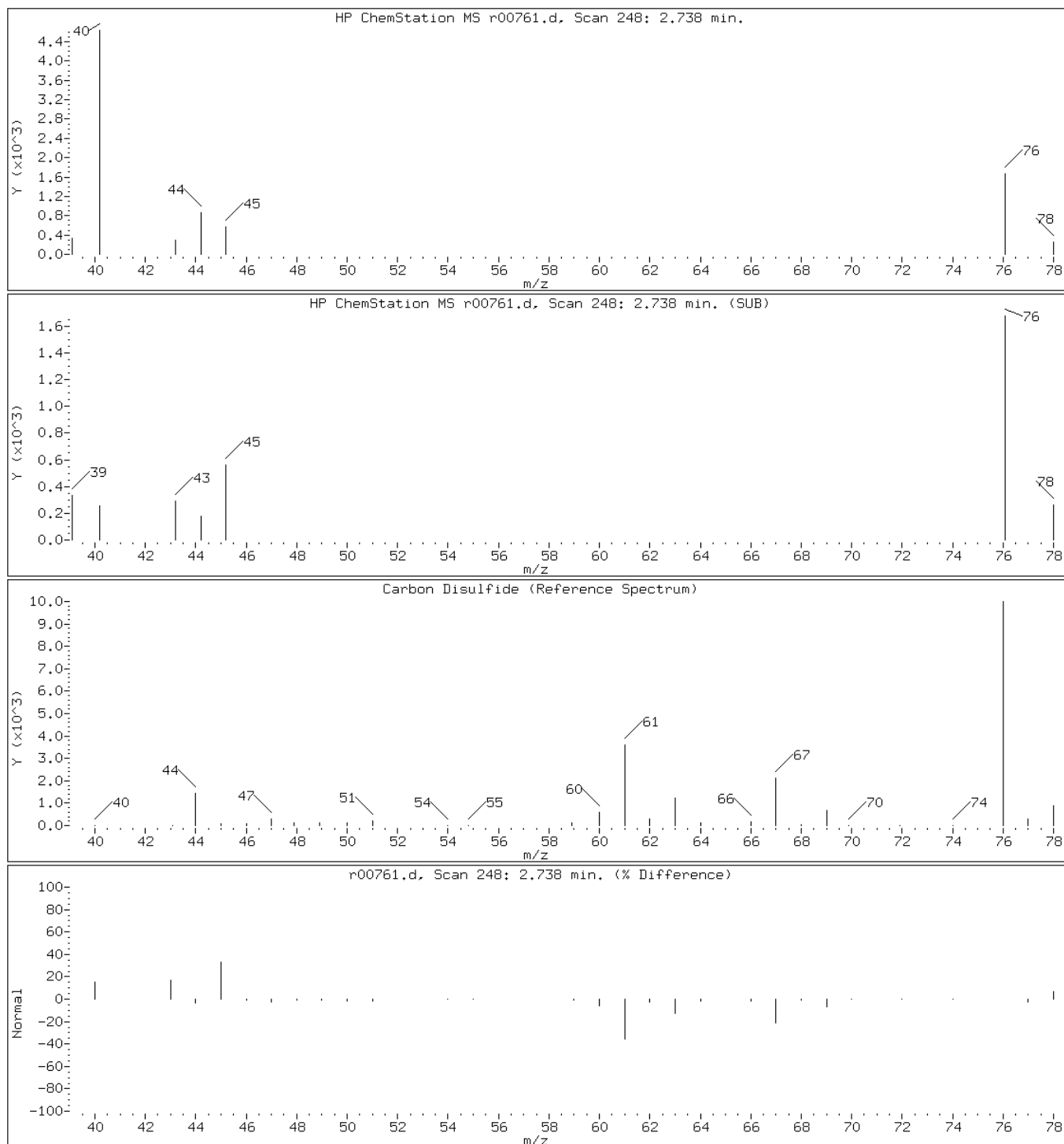
Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:

18 Carbon Disulfide



Data File: r00761.d

Date: 05-APR-2013 13:28

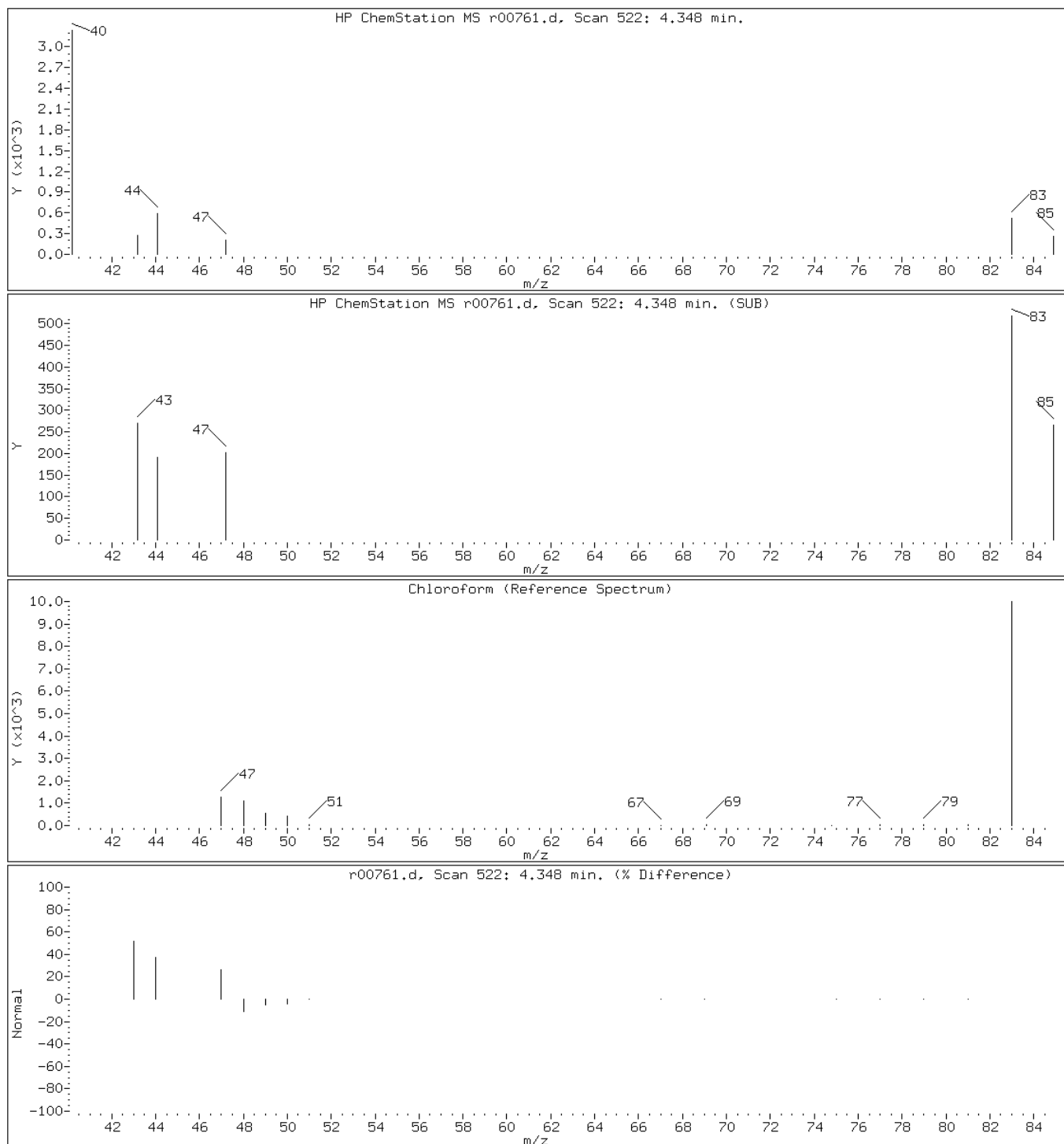
Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:

42 Chloroform



Data File: r00761.d

Date: 05-APR-2013 13:28

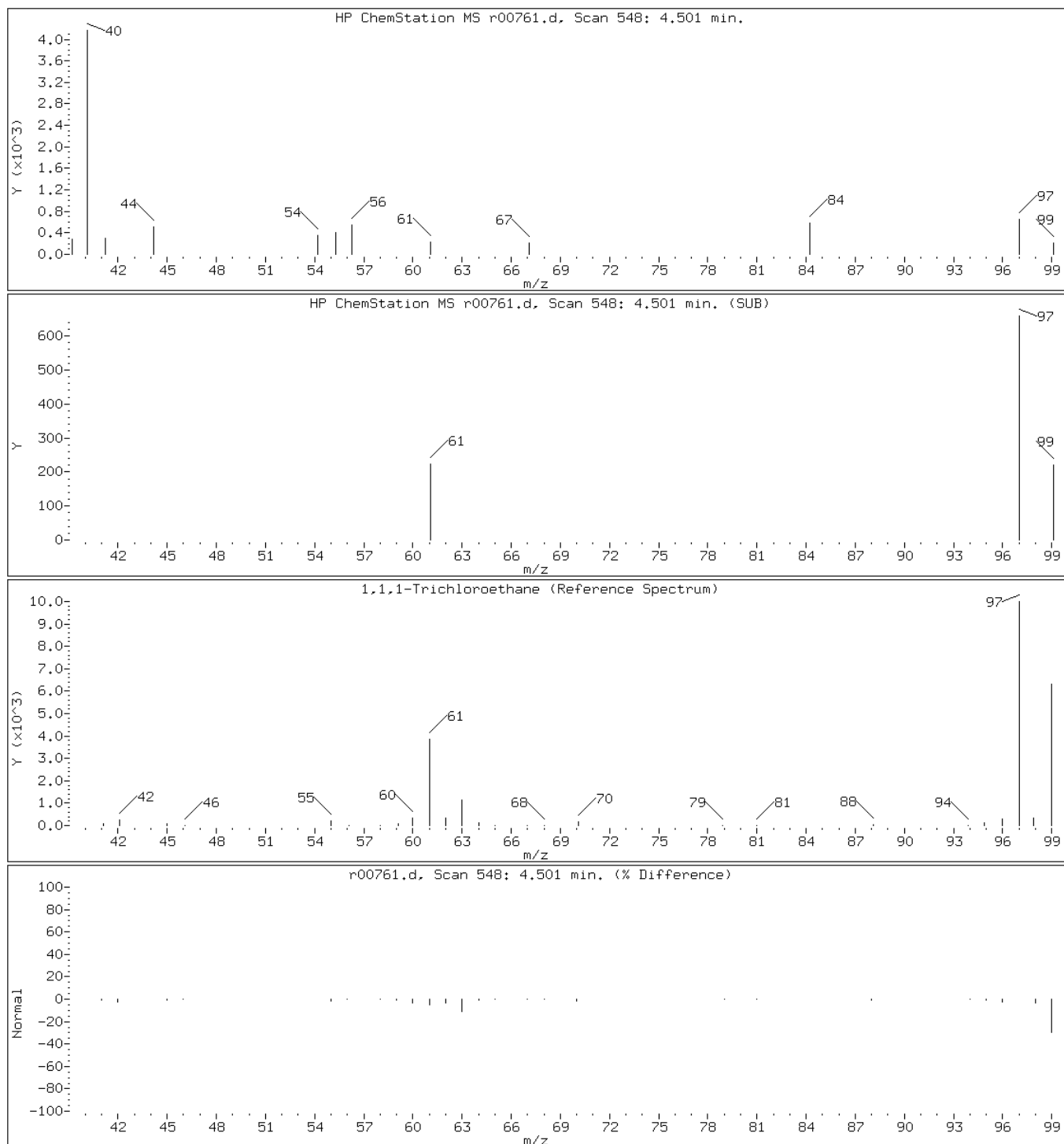
Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:

43 1,1,1-Trichloroethane



Data File: r00761.d

Date: 05-APR-2013 13:28

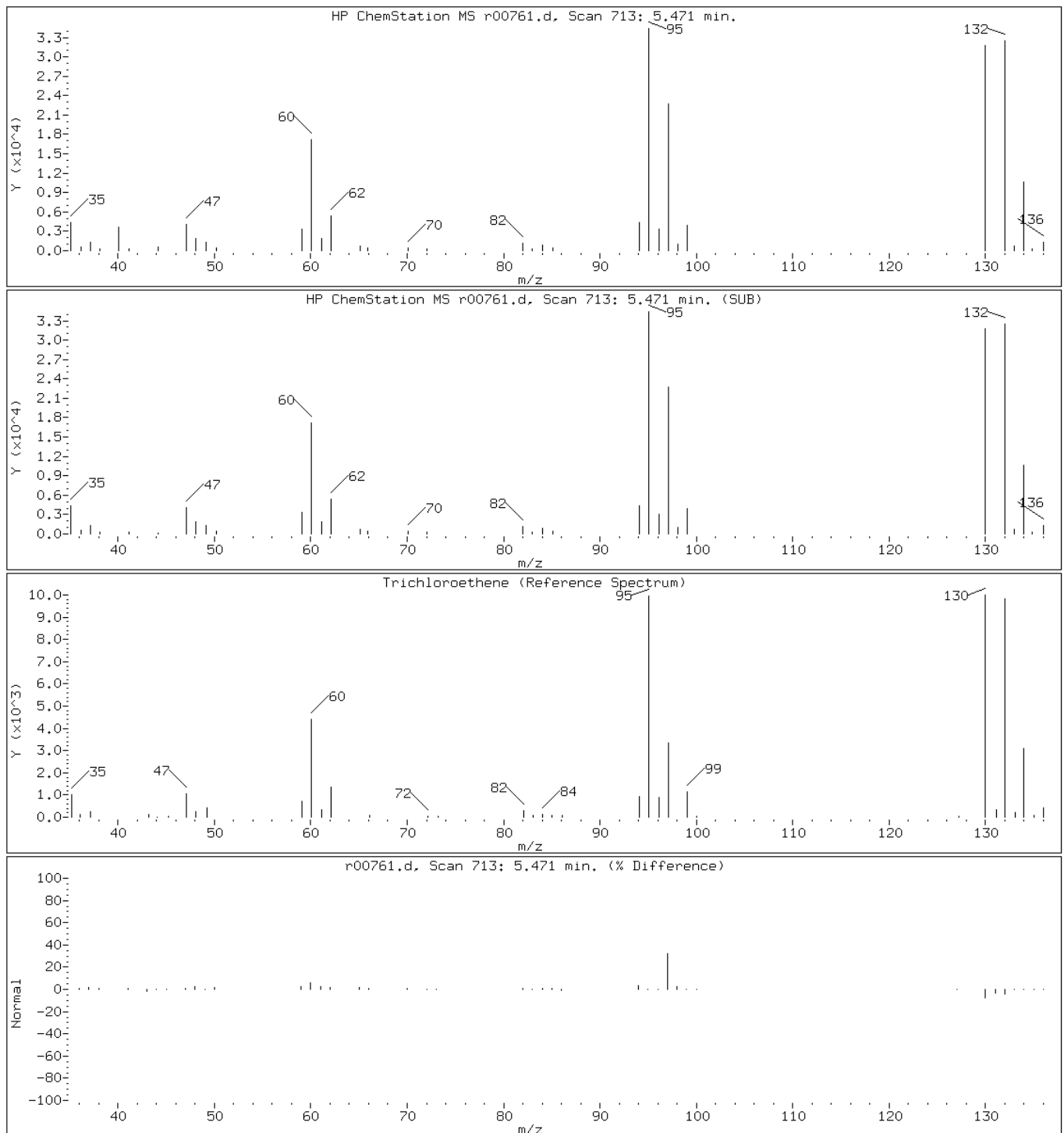
Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:

54 Trichloroethene



Data File: r00761.d

Date: 05-APR-2013 13:28

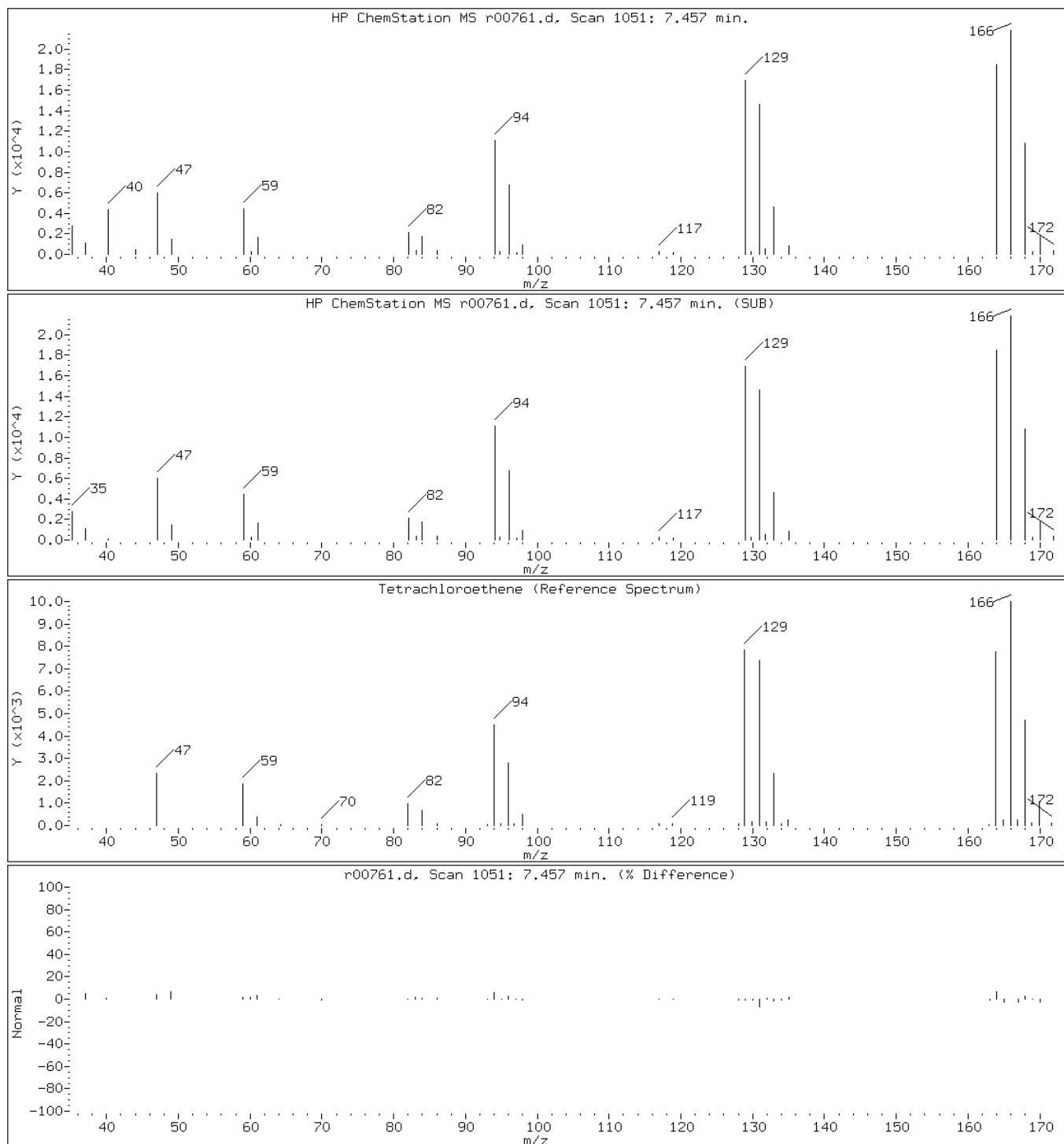
Client ID: EW07D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-25

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW08D-CP-00-032813 Lab Sample ID: 460-53245-26

Matrix: Water Lab File ID: r00762.d

Analysis Method: 8260B Date Collected: 03/25/2013 09:12

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 13:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	19		5.0	2.7
75-15-0	Carbon disulfide	0.23	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW08D-CP-00-032813 Lab Sample ID: 460-53245-26
 Matrix: Water Lab File ID: r00762.d
 Analysis Method: 8260B Date Collected: 03/25/2013 09:12
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 13:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.61	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	129		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00762.d
Report Date: 05-Apr-2013 17:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00762.d
Lab Smp Id: 460-53245-C-26 Client Smp ID: EW08D-CP-00-032813
Inj Date : 05-APR-2013 13:53
Operator : Inst ID: VOAMS10.i
Smp Info : 460-53245-C-26
Misc Info : 460-53245-C-26
Comment :
Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
								(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====		
16 Acetone	58	2.656	2.656	(0.518)	6187	19.2122	19		
18 Carbon Disulfide	76	2.739	2.739	(0.534)	2134	0.22609	0.23(a)		
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1166	1.15904	1.2		
44 Cyclohexane	56	4.472	4.472	(0.873)	2959	0.60660	0.61(a)		
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	150865	64.7397	65		
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	504478	50.0000			
\$ 65 Toluene-d8 (SUR)	98	6.781	6.775	(0.793)	329731	49.5054	50		
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	342790	50.0000			
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	142482	47.5192	48		
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	201972	50.0000			

QC Flag Legend

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

Data File: r00762.d

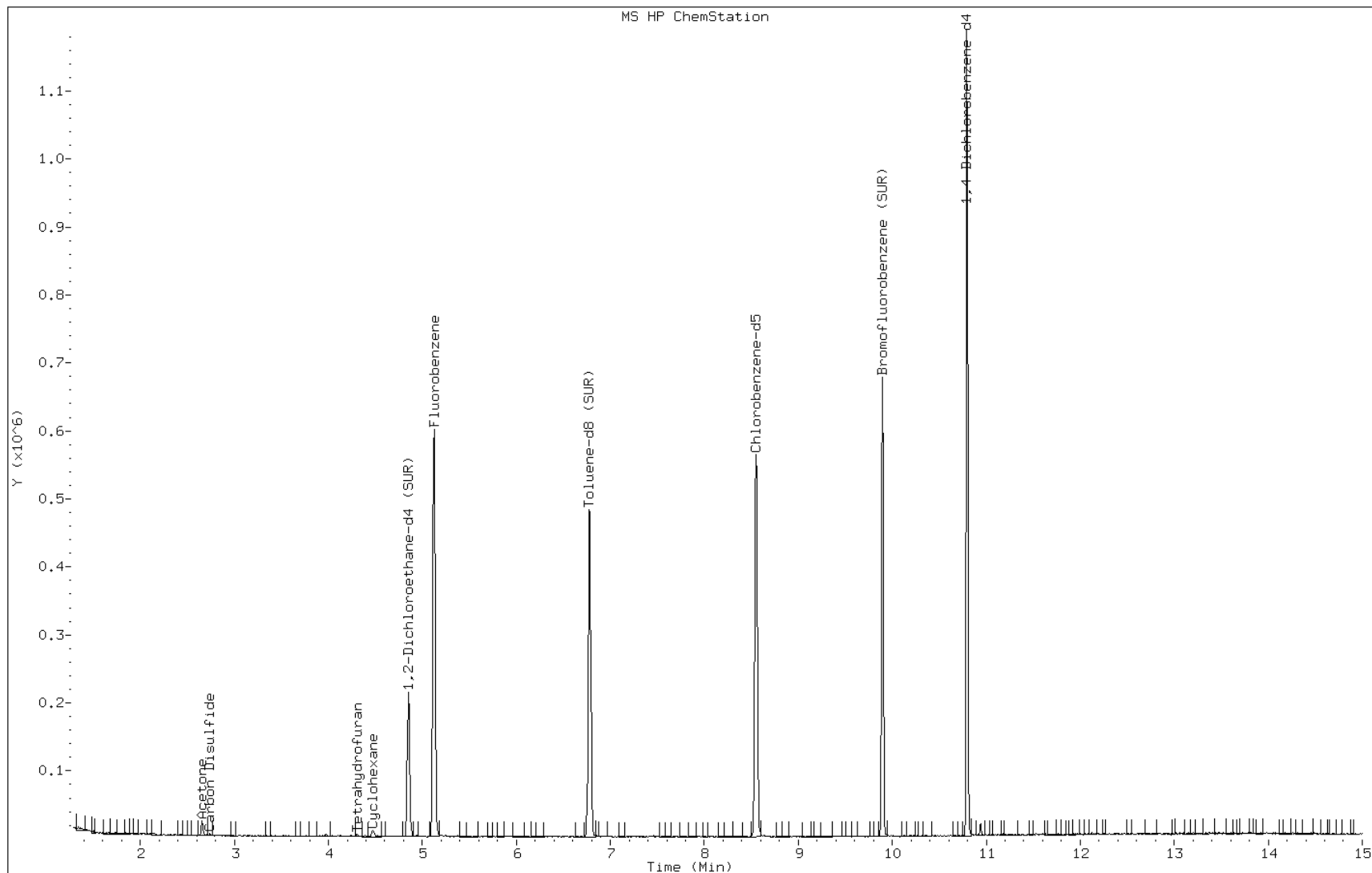
Date: 05-APR-2013 13:53

Client ID: EW08D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-26

Operator:



Data File: r00762.d

Date: 05-APR-2013 13:53

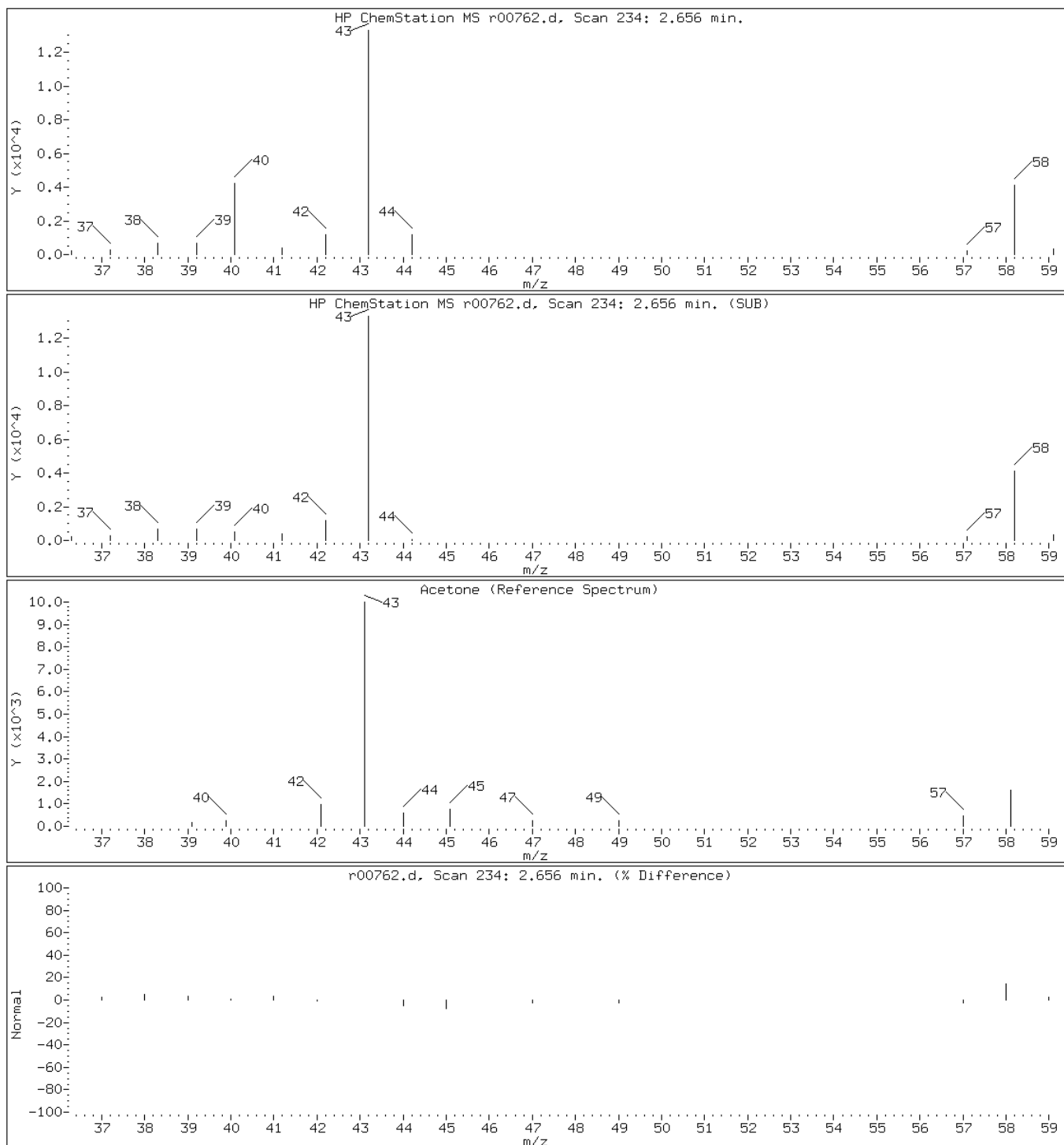
Client ID: EW08D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-26

Operator:

16 Acetone



Data File: r00762.d

Date: 05-APR-2013 13:53

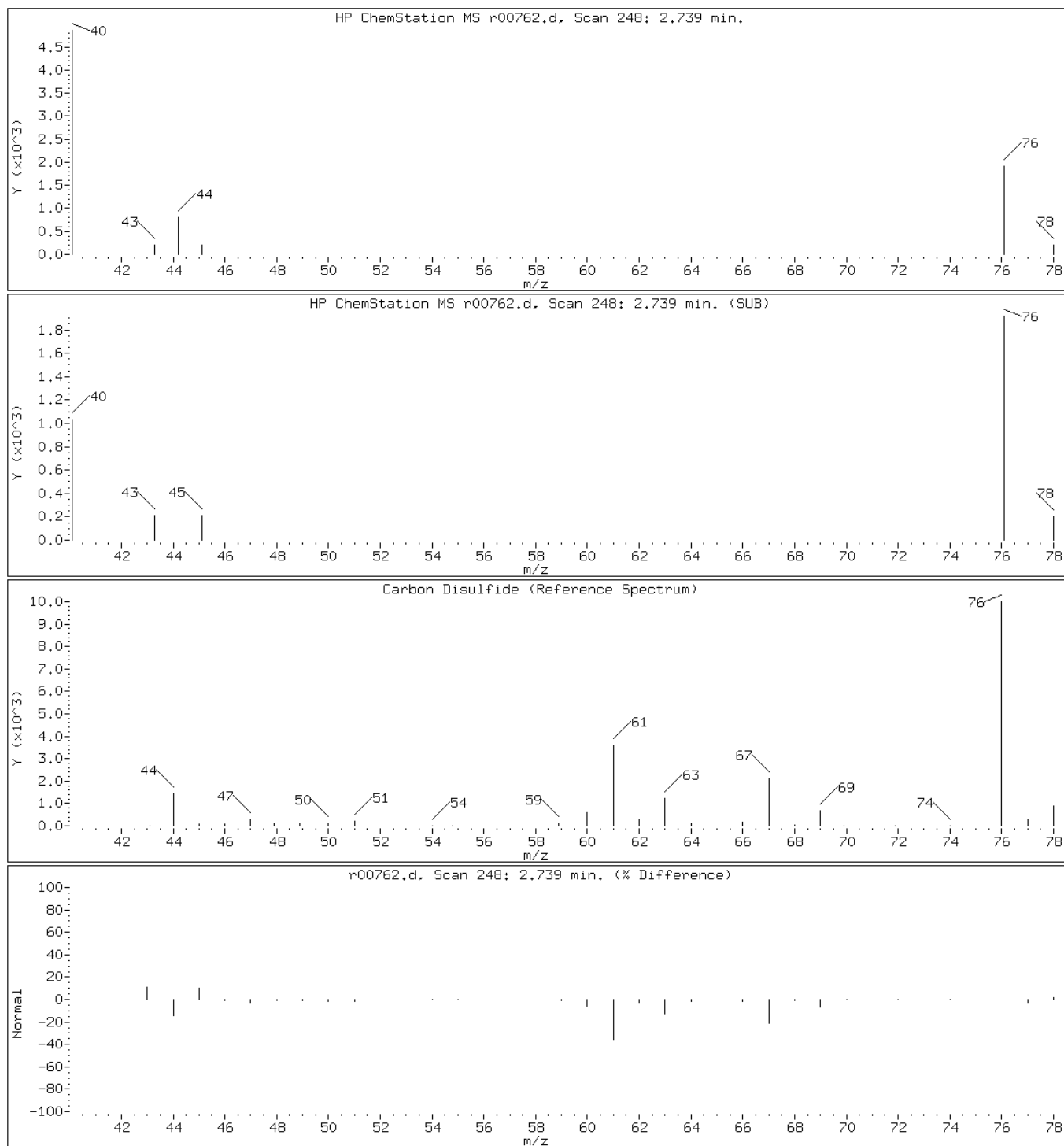
Client ID: EW08D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-26

Operator:

18 Carbon Disulfide



Data File: r00762.d

Date: 05-APR-2013 13:53

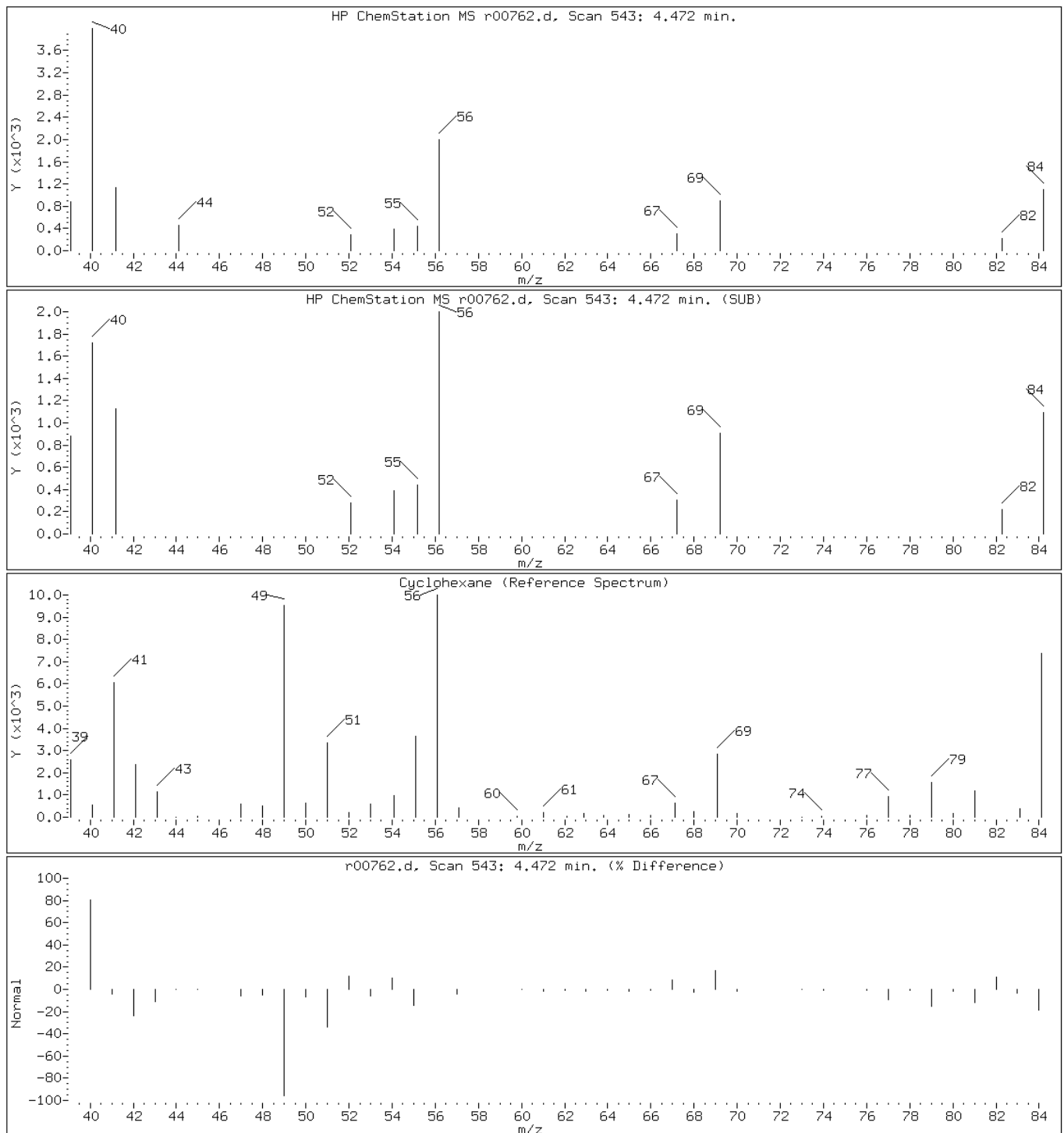
Client ID: EW08D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-26

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW09D-CP-00-032813 Lab Sample ID: 460-53245-27

Matrix: Water Lab File ID: r00763.d

Analysis Method: 8260B Date Collected: 03/25/2013 09:04

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 14:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	0.26	J	1.0	0.18
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	0.28	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.31	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.60	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.9		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW09D-CP-00-032813 Lab Sample ID: 460-53245-27
 Matrix: Water Lab File ID: r00763.d
 Analysis Method: 8260B Date Collected: 03/25/2013 09:04
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 14:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.65	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	129		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00763.d
 Report Date: 09-Apr-2013 20:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00763.d
 Lab Smp Id: 460-53245-C-27 Client Smp ID: EW09D-CP-00-032813
 Inj Date : 05-APR-2013 14:18
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-27
 Misc Info : 460-53245-C-27
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 40
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
16 Acetone	58	2.656	2.656	(0.518)	4272		13.7349	14
18 Carbon Disulfide	76	2.744	2.739	(0.536)	2556		0.28037	0.28(a)
22 Methylene Chloride	84	2.991	2.997	(0.584)	789		0.25502	0.26(a)
41 Tetrahydrofuran	42	4.313	4.301	(0.842)	1066		1.09756	1.1
42 Chloroform	83	4.348	4.348	(0.849)	1611		0.31117	0.31(a)
44 Cyclohexane	56	4.478	4.472	(0.874)	3045		0.64637	0.65(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	145094		64.4517	64
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	487351		50.0000	
54 Trichloroethene	95	5.465	5.471	(1.066)	1859		0.60218	0.60(a)
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	316854		48.4226	48
71 Tetrachloroethene	166	7.457	7.457	(0.872)	5786		1.88025	1.9
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	336769		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	138406		49.1374	49
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	189733		50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00763.d
Report Date: 09-Apr-2013 20:40

QC Flag Legend

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

Data File: r00763.d

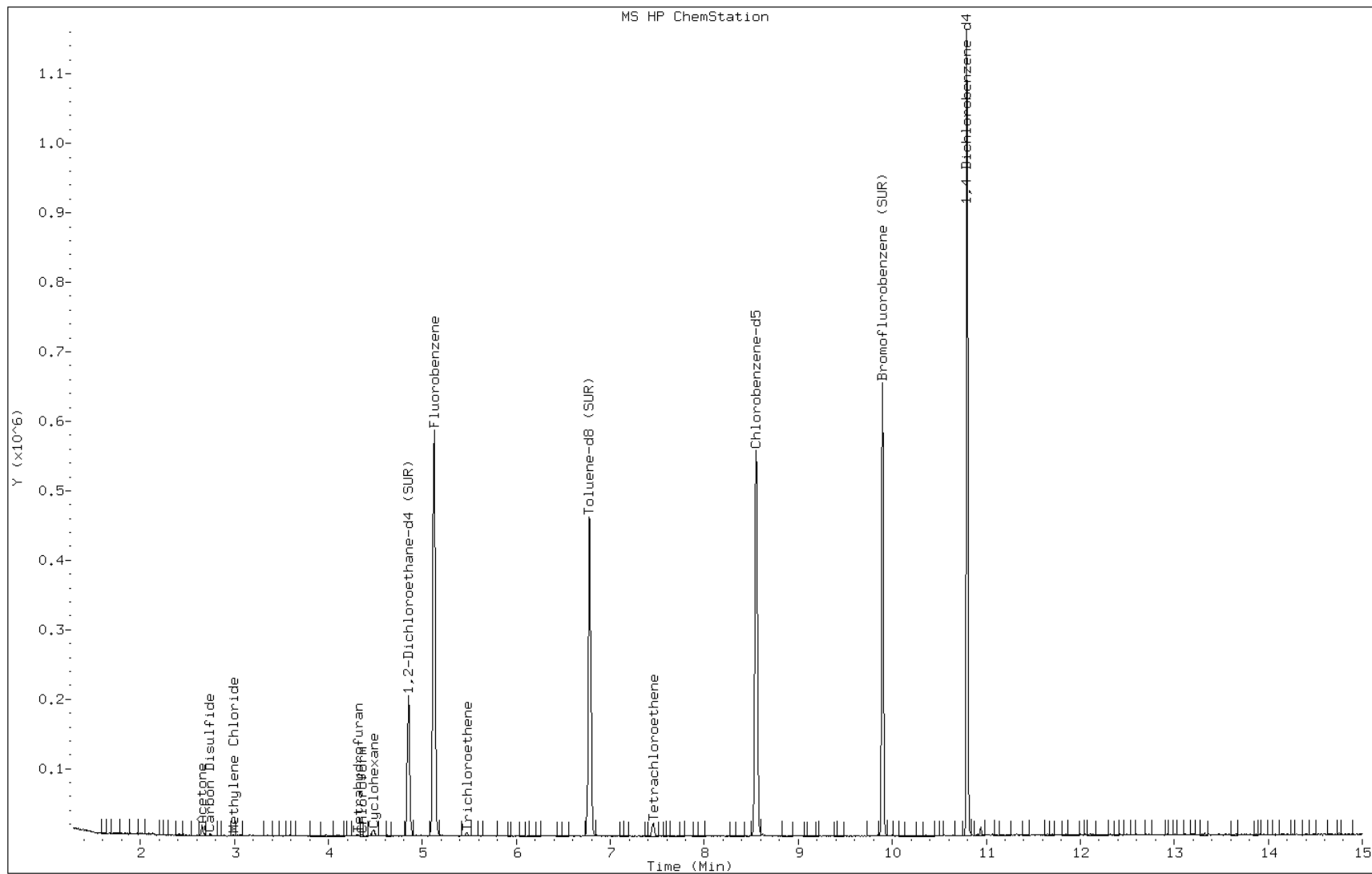
Date: 05-APR-2013 14:18

Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:



Data File: r00763.d

Date: 05-APR-2013 14:18

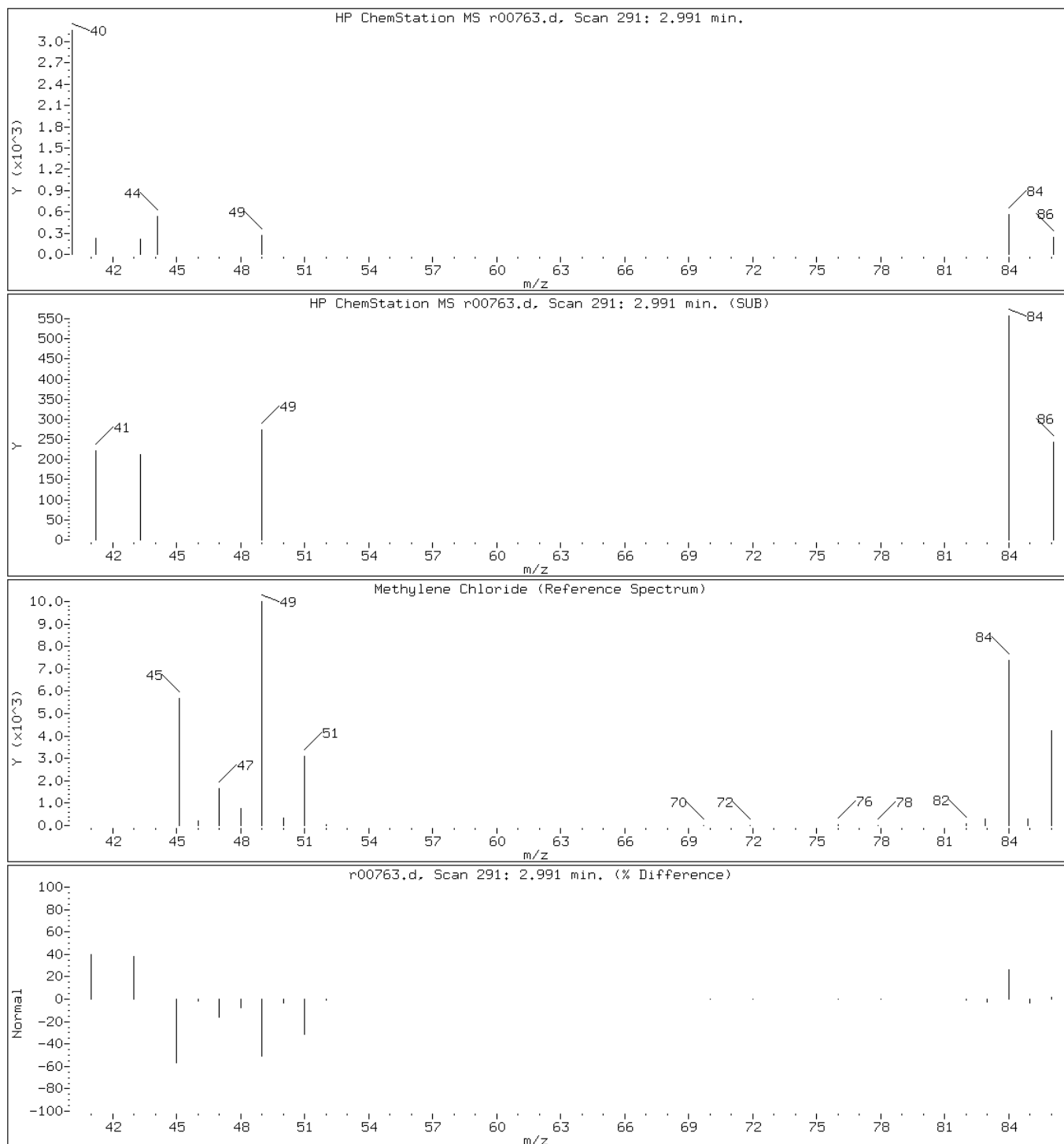
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

22 Methylene Chloride



Data File: r00763.d

Date: 05-APR-2013 14:18

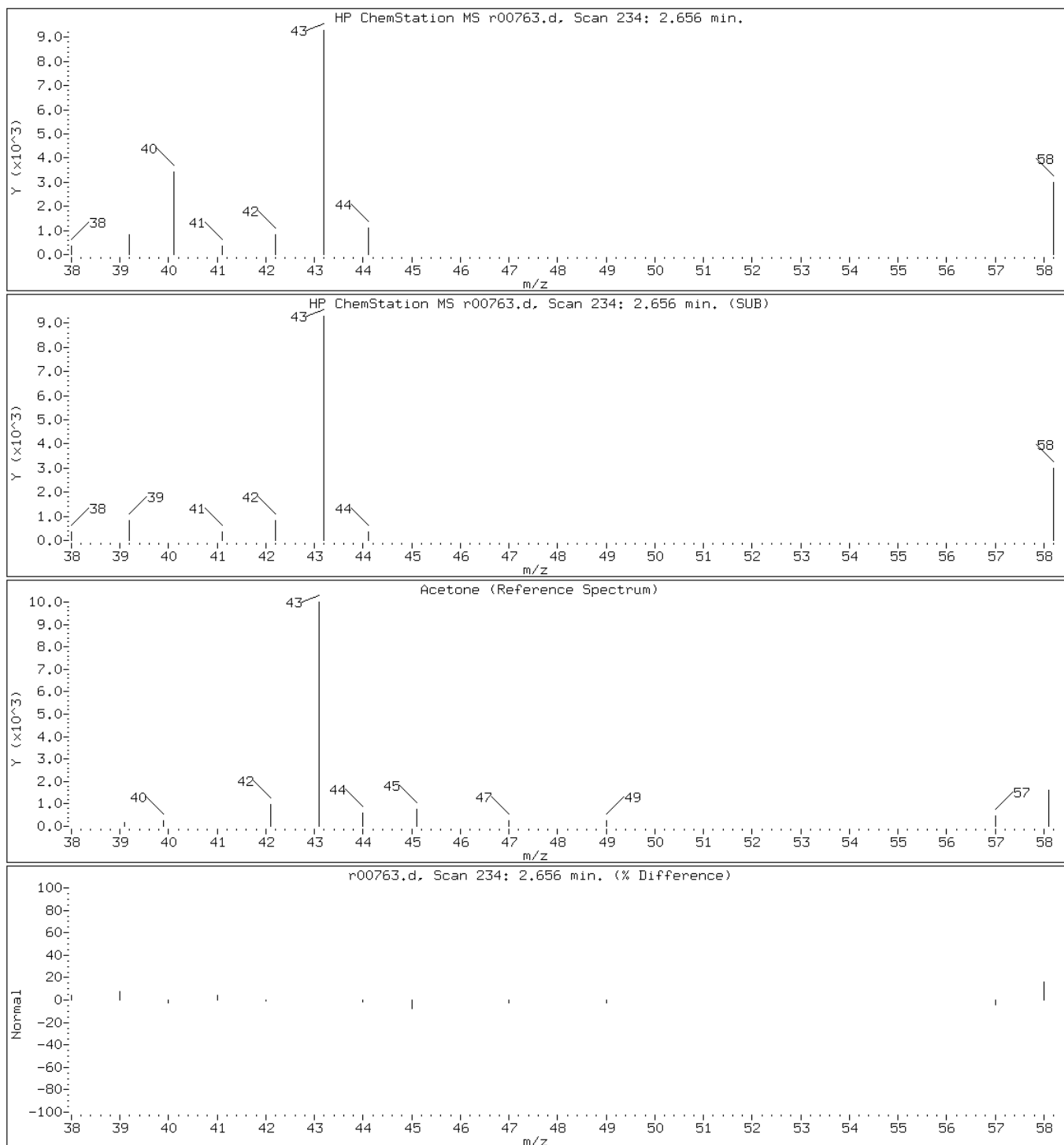
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

16 Acetone



Data File: r00763.d

Date: 05-APR-2013 14:18

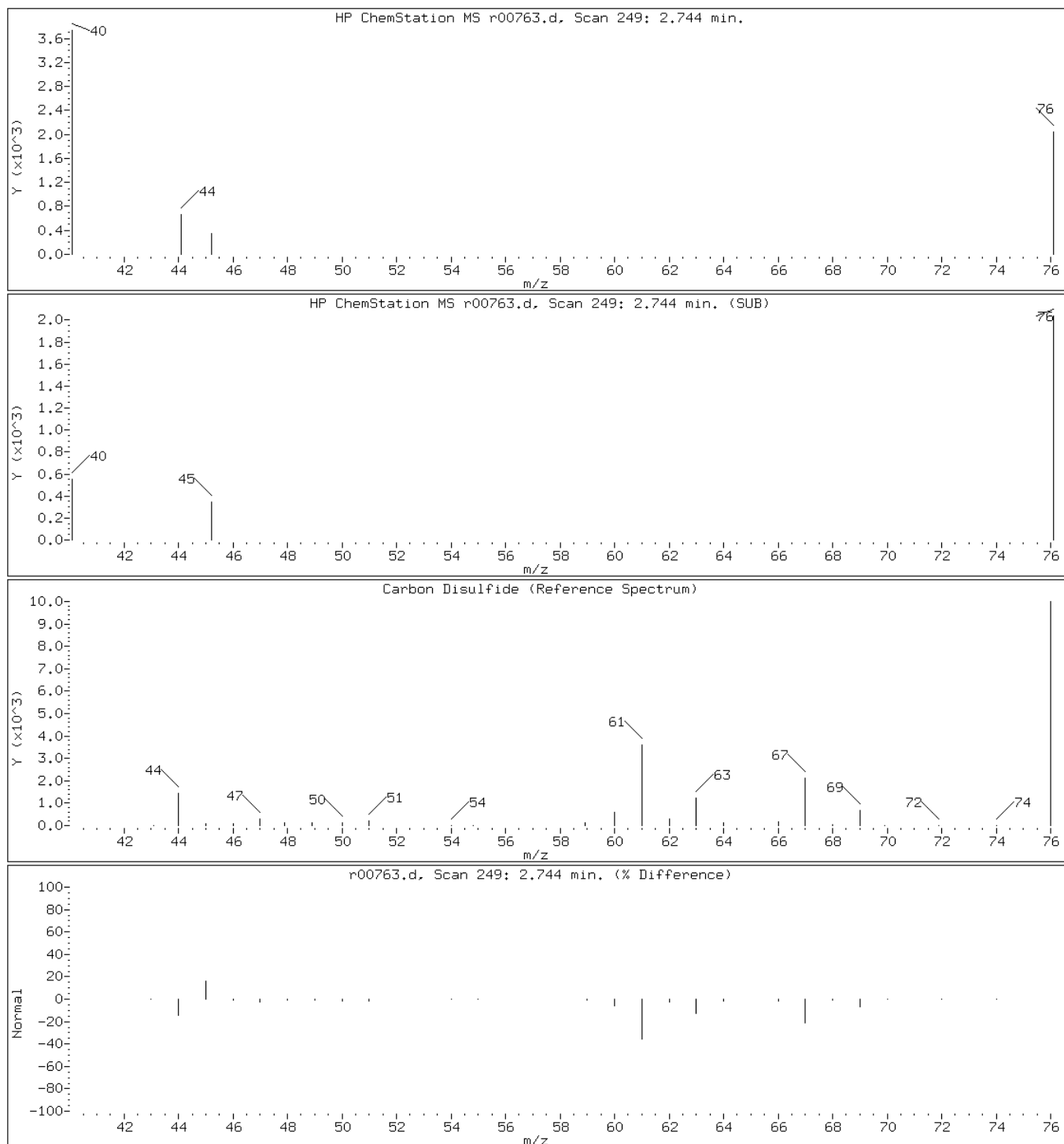
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

18 Carbon Disulfide



Data File: r00763.d

Date: 05-APR-2013 14:18

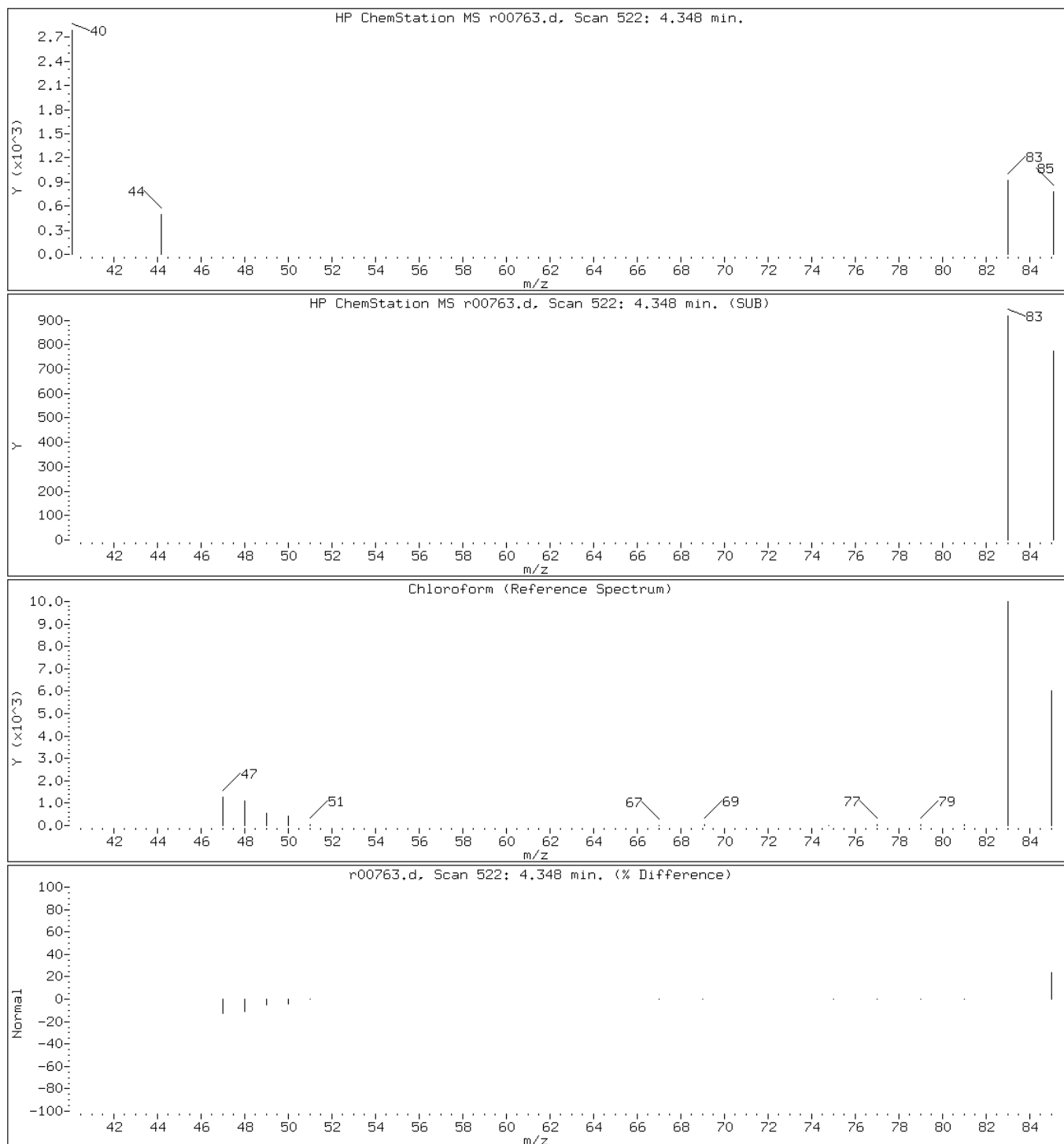
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

42 Chloroform



Data File: r00763.d

Date: 05-APR-2013 14:18

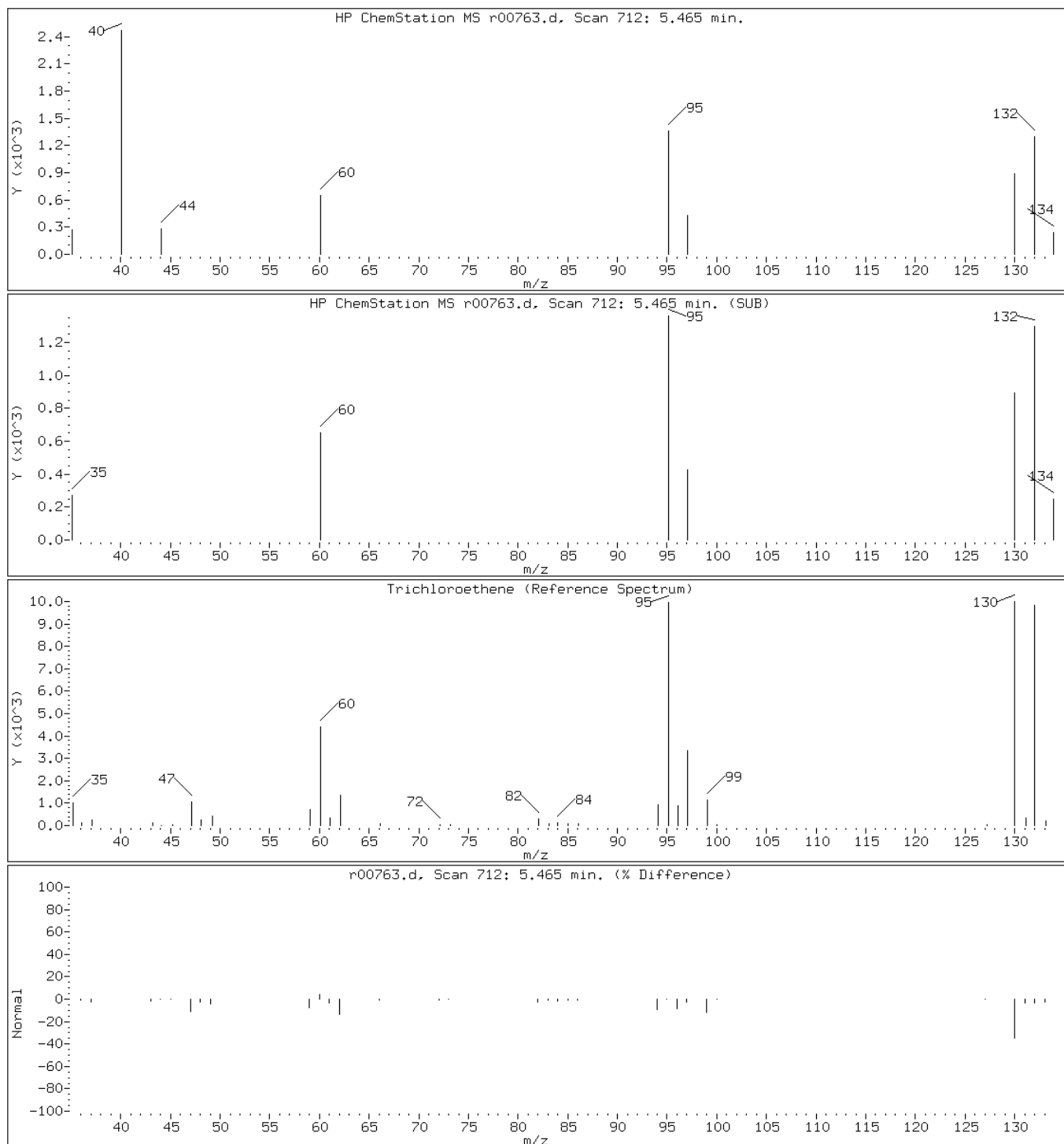
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

54 Trichloroethene



Data File: r00763.d

Date: 05-APR-2013 14:18

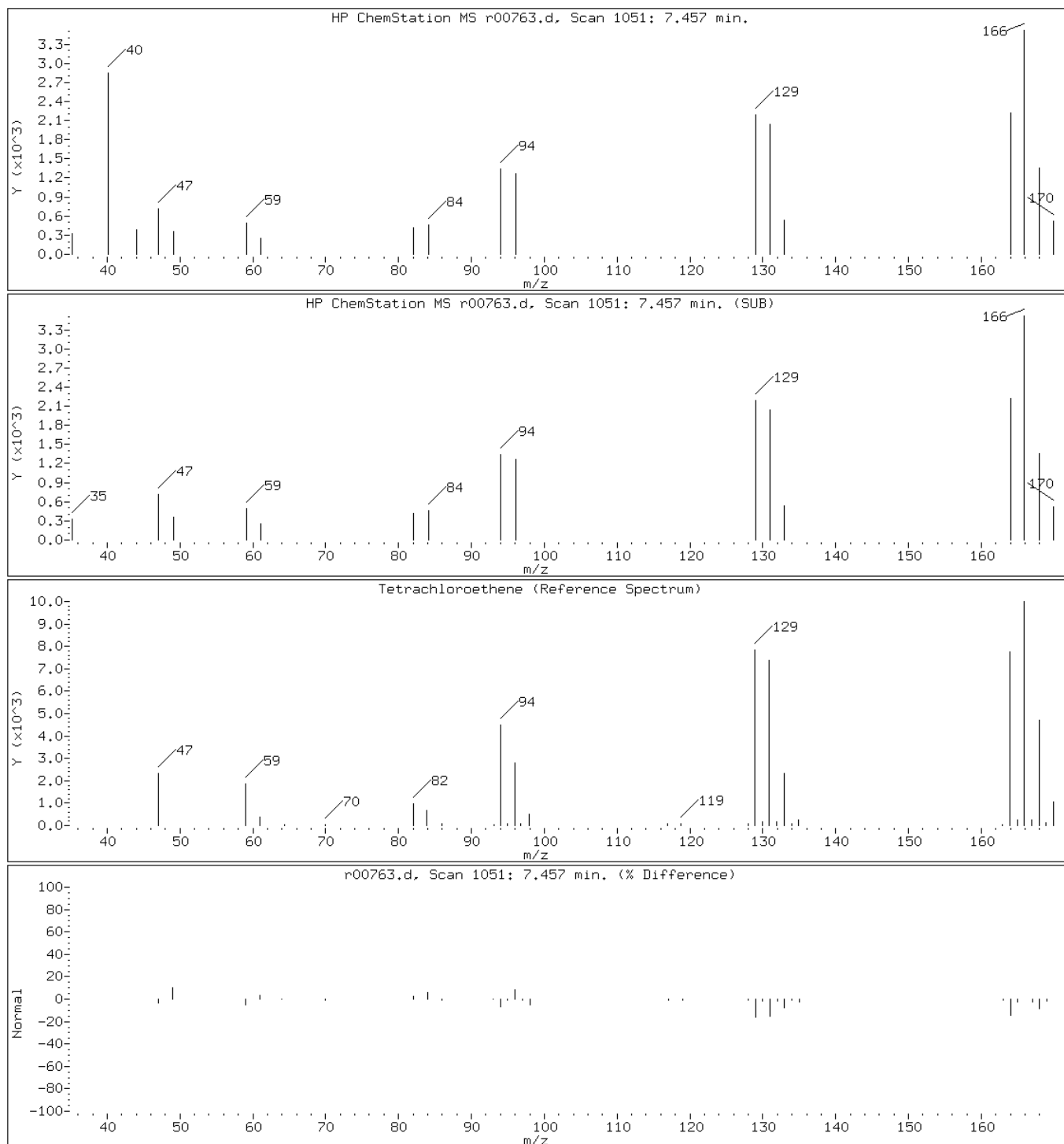
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

71 Tetrachloroethene



Data File: r00763.d

Date: 05-APR-2013 14:18

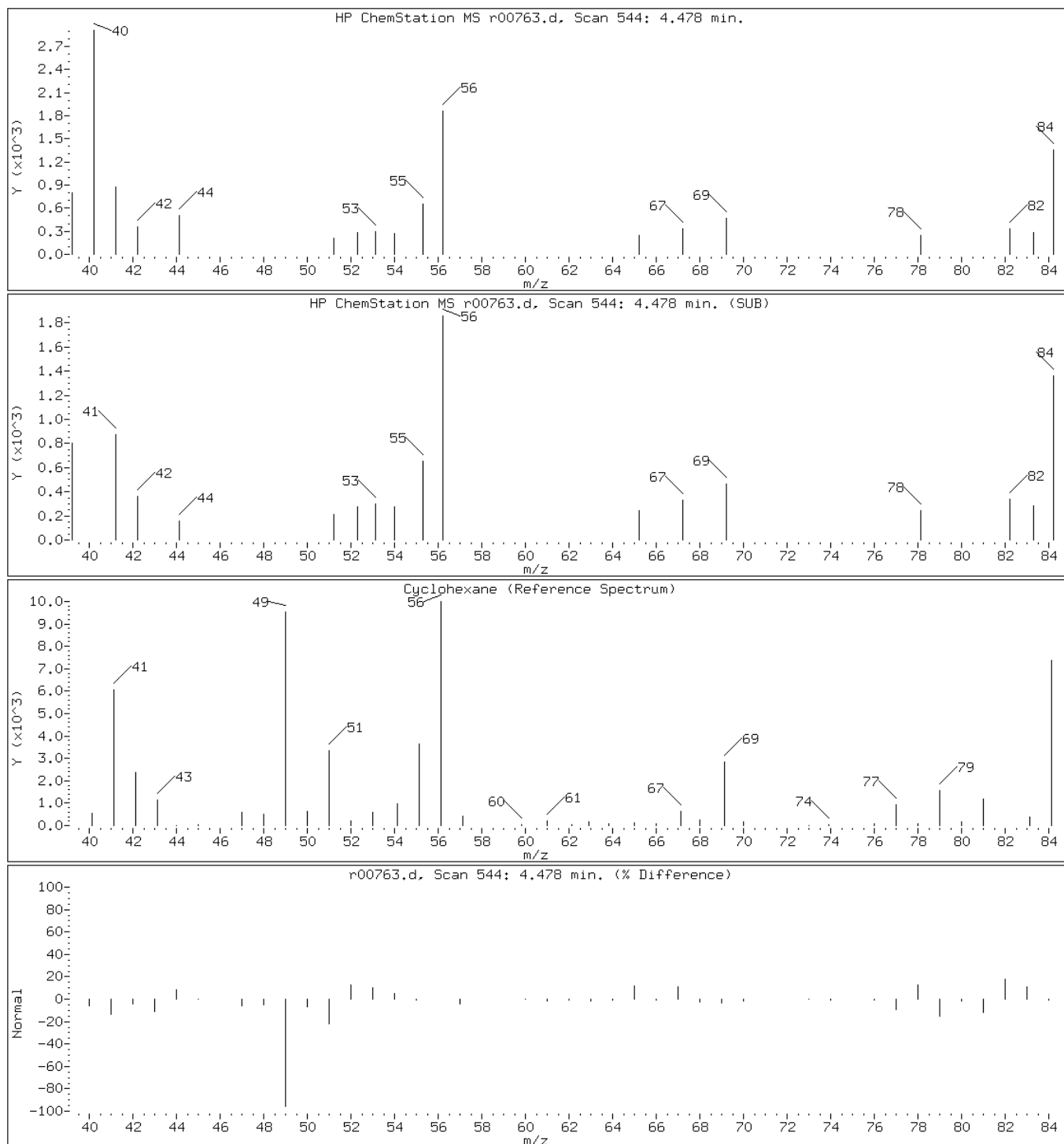
Client ID: EW09D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-27

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW10C-CP-00-032813 Lab Sample ID: 460-53245-28

Matrix: Water Lab File ID: r00764.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:25

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 14:44

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	9.7		5.0	2.7
75-15-0	Carbon disulfide	0.19	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.61	J	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.80	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.69	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW10C-CP-00-032813 Lab Sample ID: 460-53245-28
 Matrix: Water Lab File ID: r00764.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 14:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	0.19	J	1.0	0.14
110-82-7	Cyclohexane	0.36	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	130		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00764.d
 Report Date: 09-Apr-2013 20:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00764.d
 Lab Smp Id: 460-53245-C-28 Client Smp ID: EW10C-CP-00-032813
 Inj Date : 05-APR-2013 14:44
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-28
 Misc Info : 460-53245-C-28
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 41
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	1483	0.61063	0.61(a)
16 Acetone	58	2.650	2.656	(0.517)	3094	9.72020	9.7
18 Carbon Disulfide	76	2.738	2.739	(0.534)	1816	0.19470	0.19(a)
28 MTBE	73	3.150	3.156	(0.615)	1857	0.18966	0.19(a)
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1186	1.19325	1.2
44 Cyclohexane	56	4.472	4.472	(0.873)	1717	0.35619	0.36(a)
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	3759	0.79726	0.80(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	149915	65.0854	65(R)
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	498639	50.0000	
54 Trichloroethene	95	5.471	5.471	(1.068)	2165	0.68537	0.68(a)
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	324646	48.8785	49
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	341832	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	141705	47.9661	48
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	198999	50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00764.d
Report Date: 09-Apr-2013 20:42

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: r00764.d

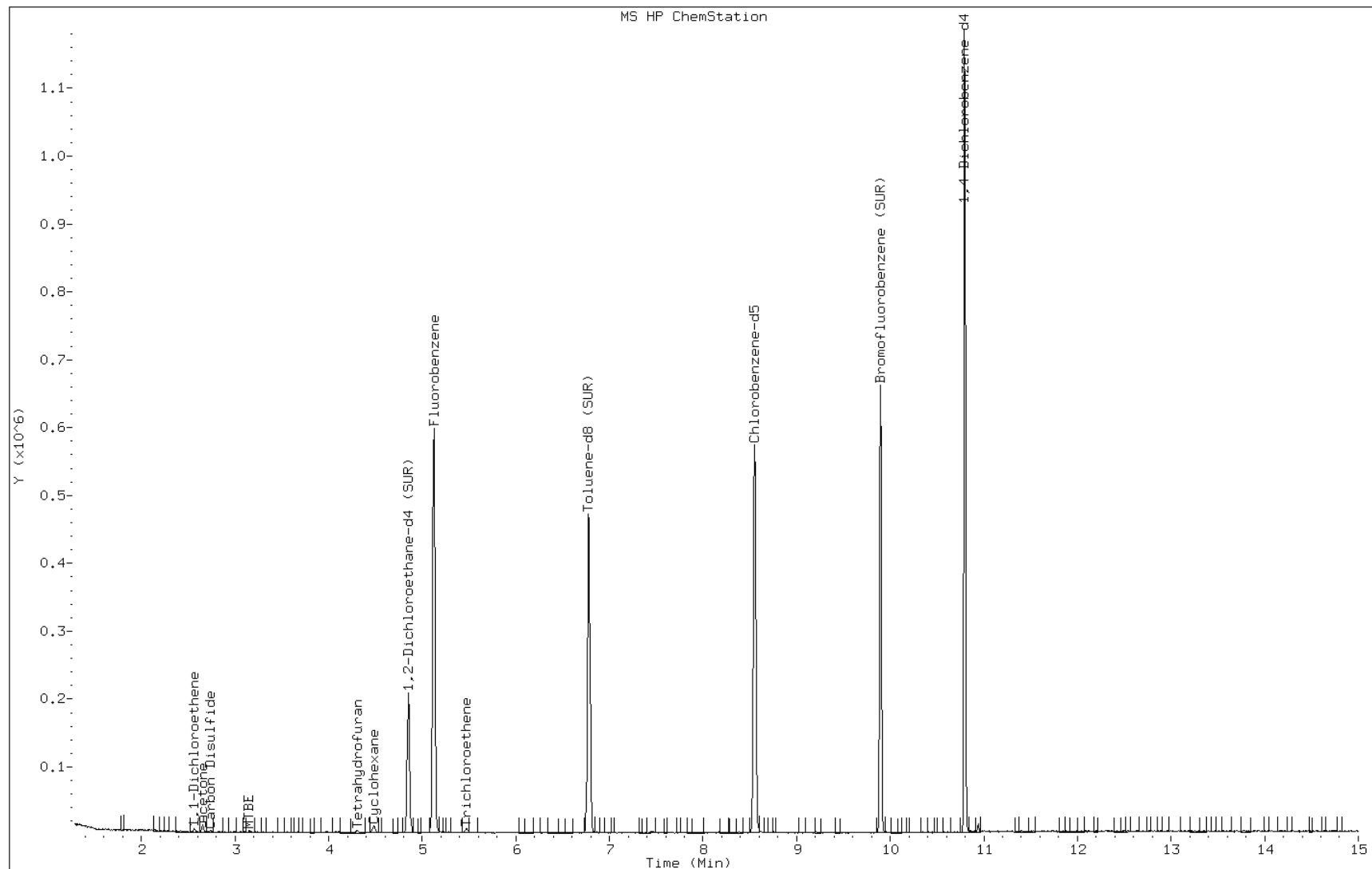
Date: 05-APR-2013 14:44

Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:



Data File: r00764.d

Date: 05-APR-2013 14:44

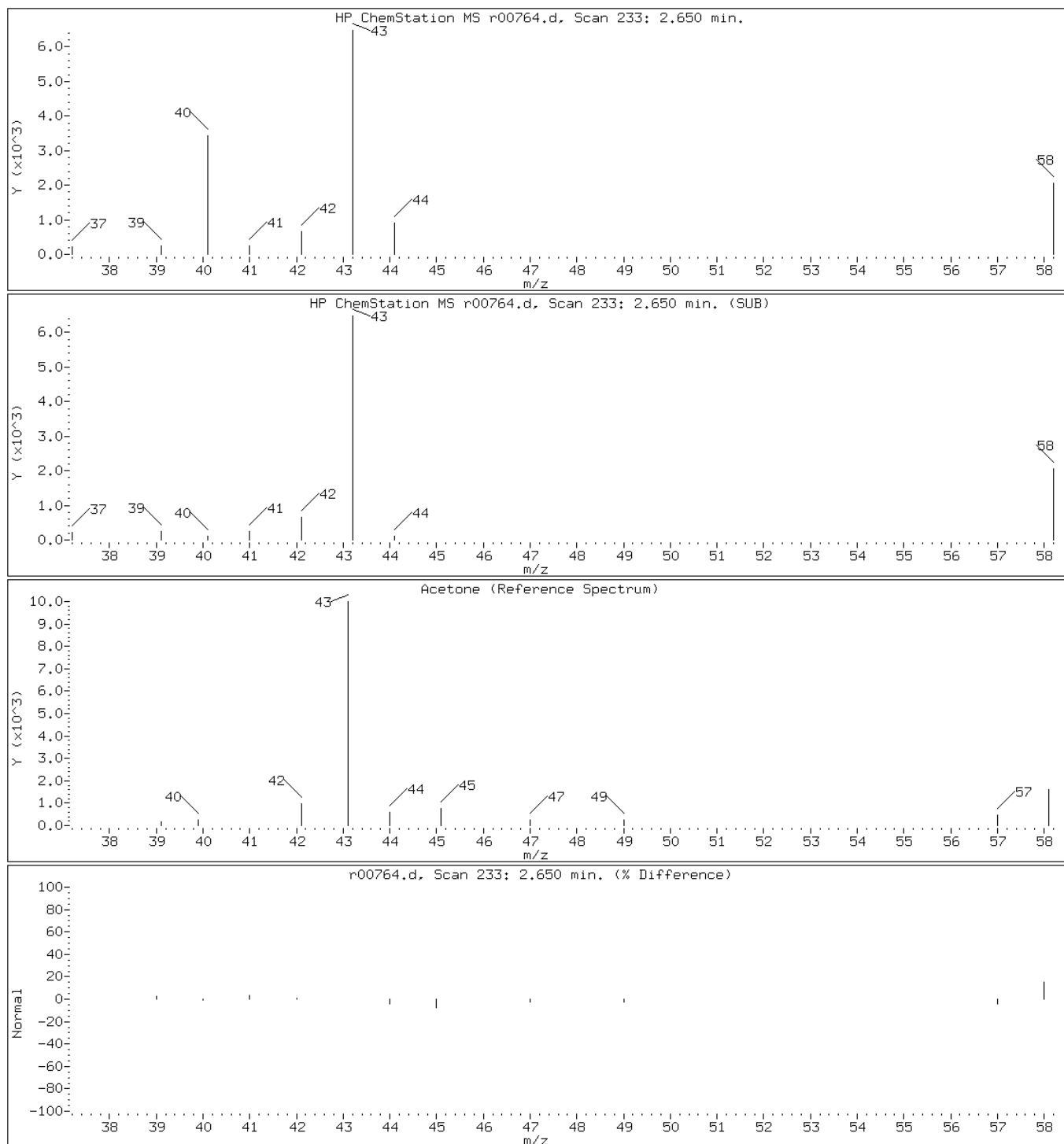
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

16 Acetone



Data File: r00764.d

Date: 05-APR-2013 14:44

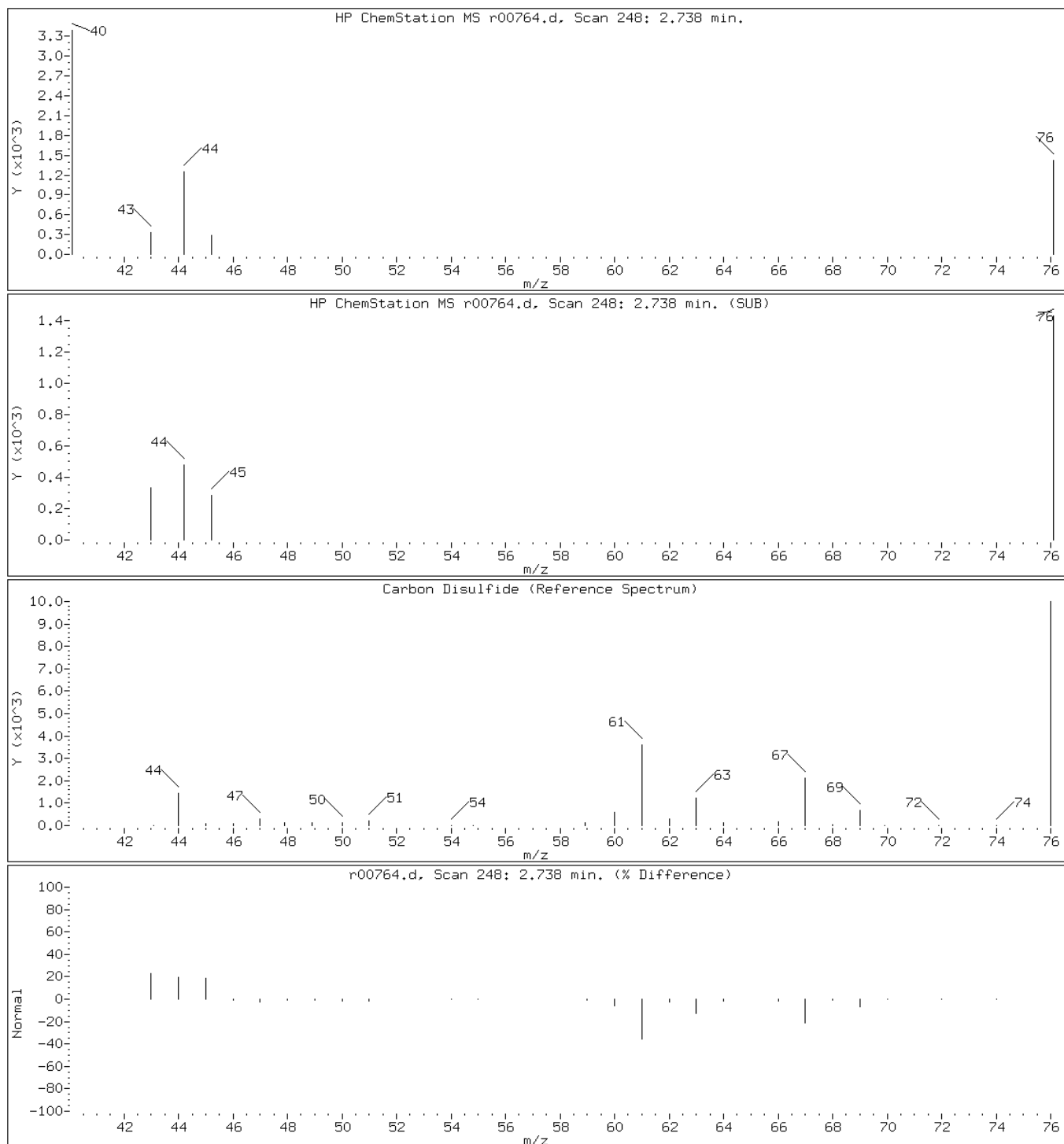
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

18 Carbon Disulfide



Data File: r00764.d

Date: 05-APR-2013 14:44

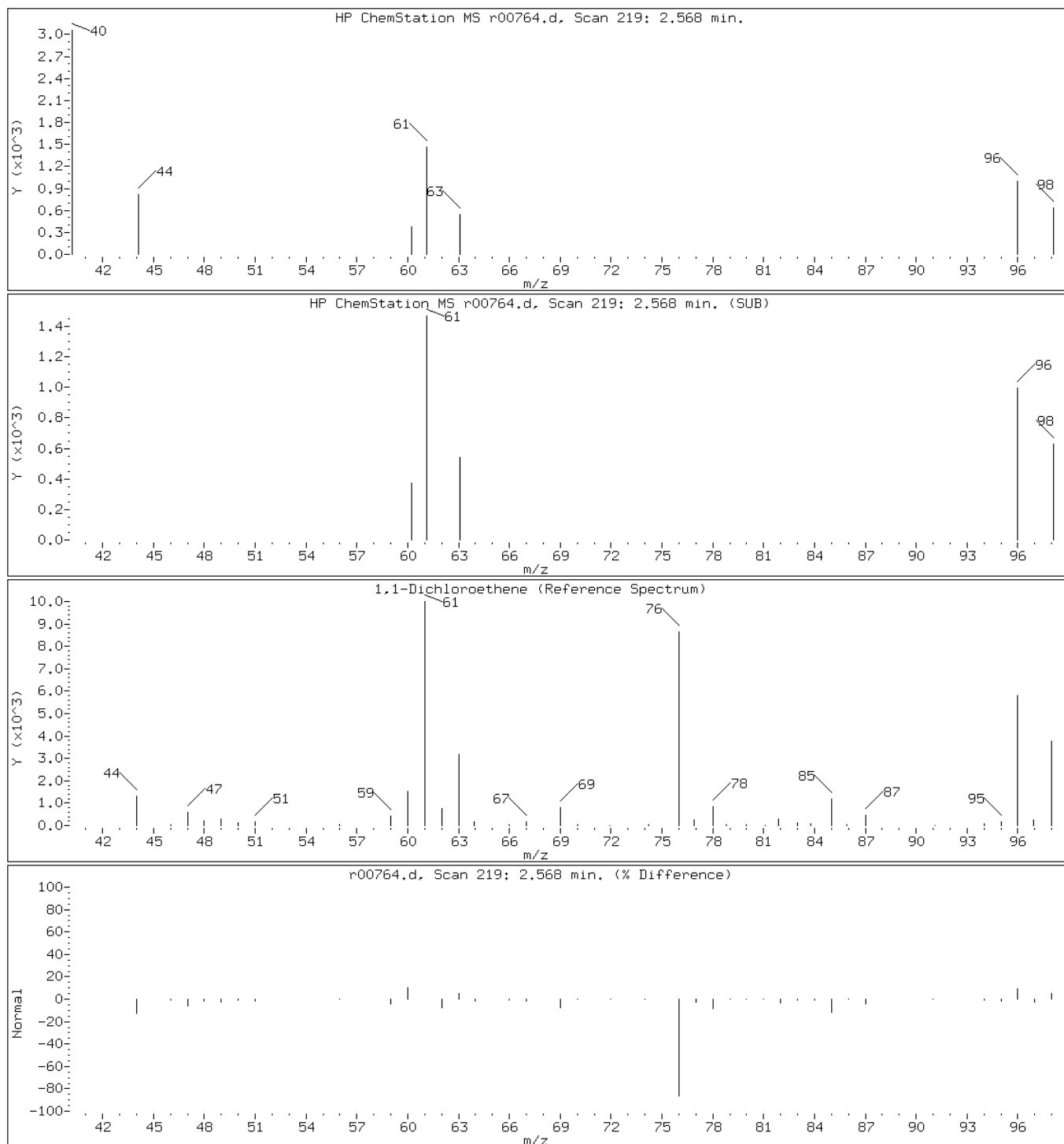
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

15 1,1-Dichloroethene



Data File: r00764.d

Date: 05-APR-2013 14:44

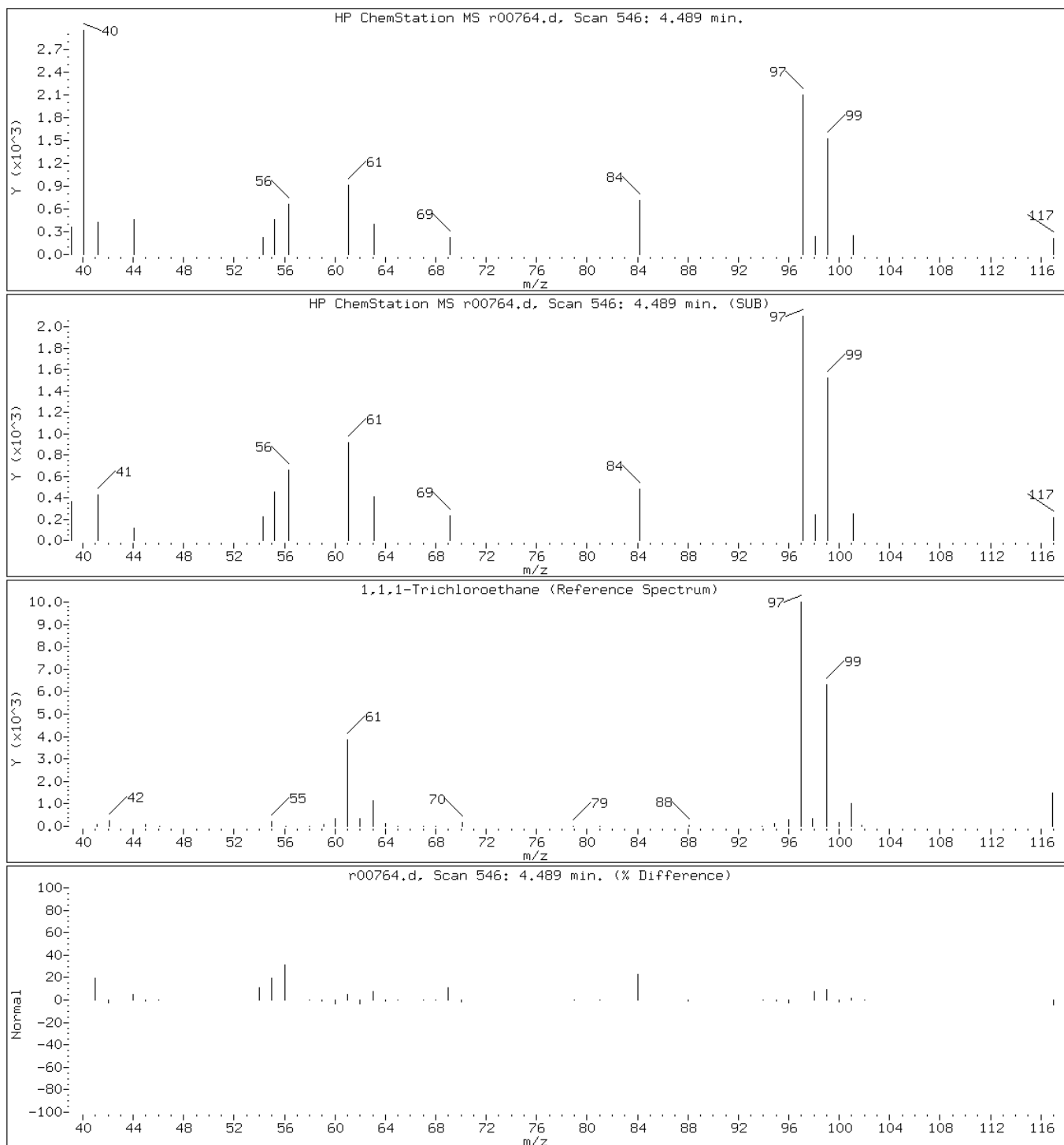
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

43 1,1,1-Trichloroethane



Data File: r00764.d

Date: 05-APR-2013 14:44

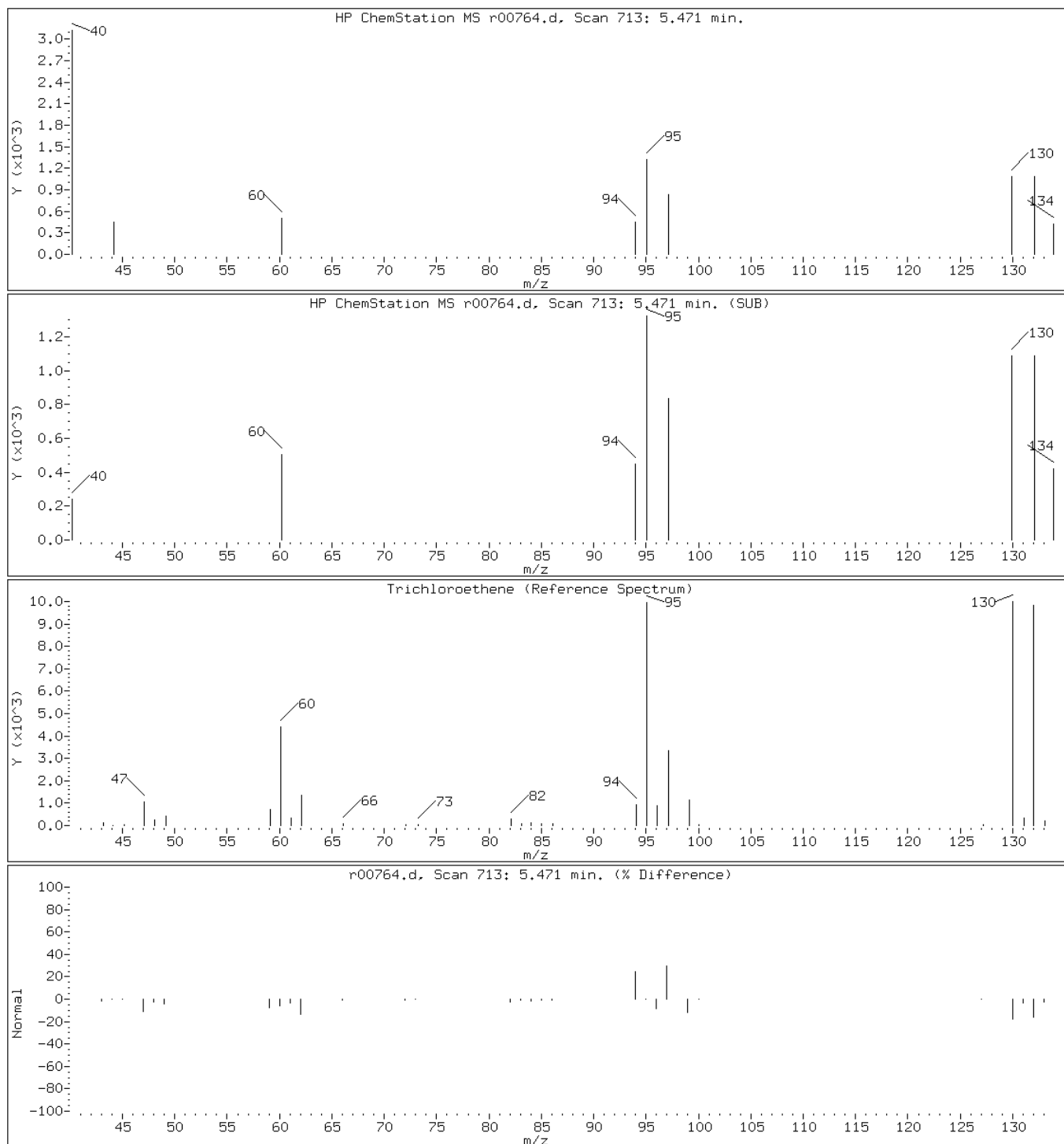
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

54 Trichloroethene



Data File: r00764.d

Date: 05-APR-2013 14:44

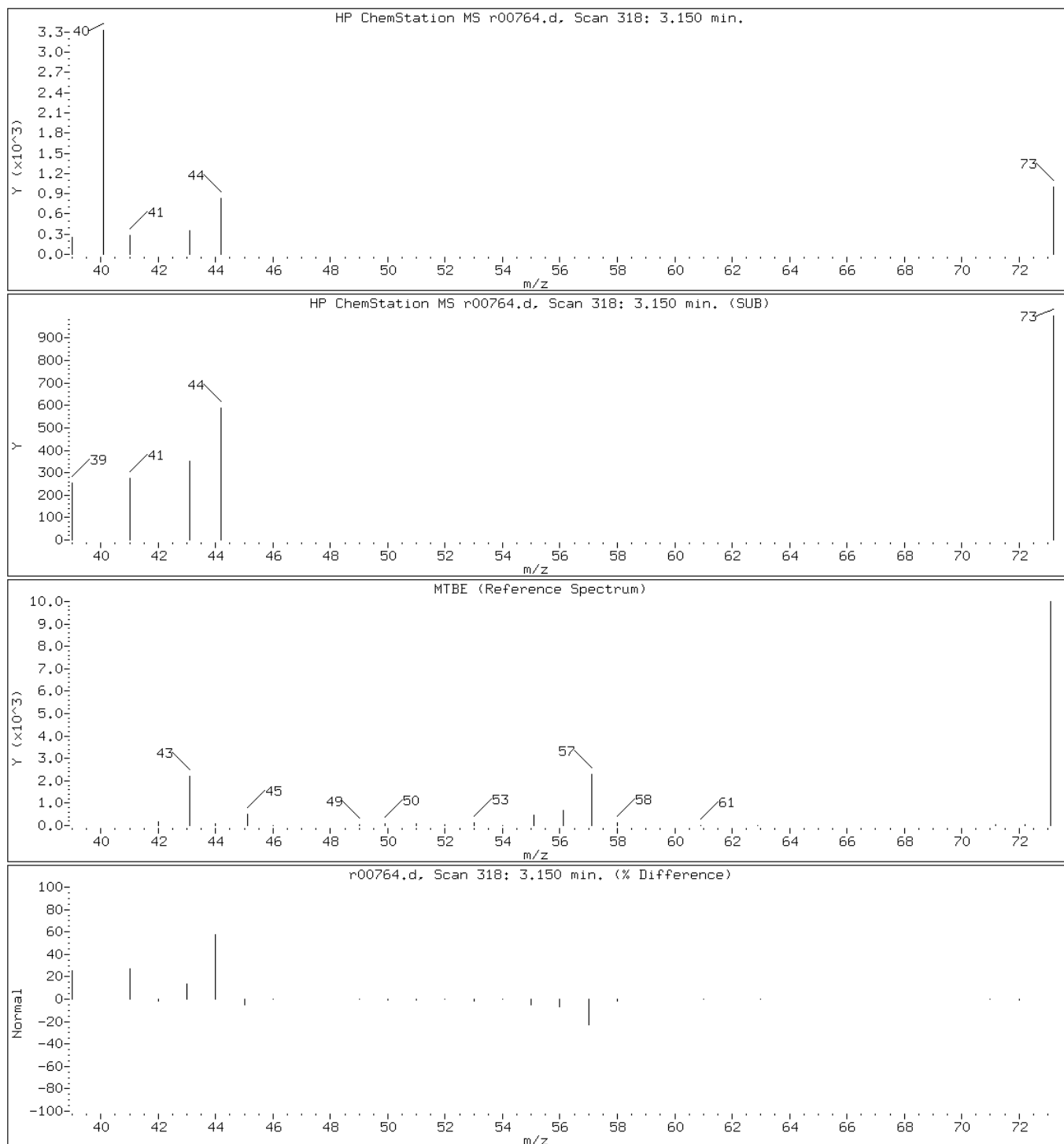
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

28 MTBE



Data File: r00764.d

Date: 05-APR-2013 14:44

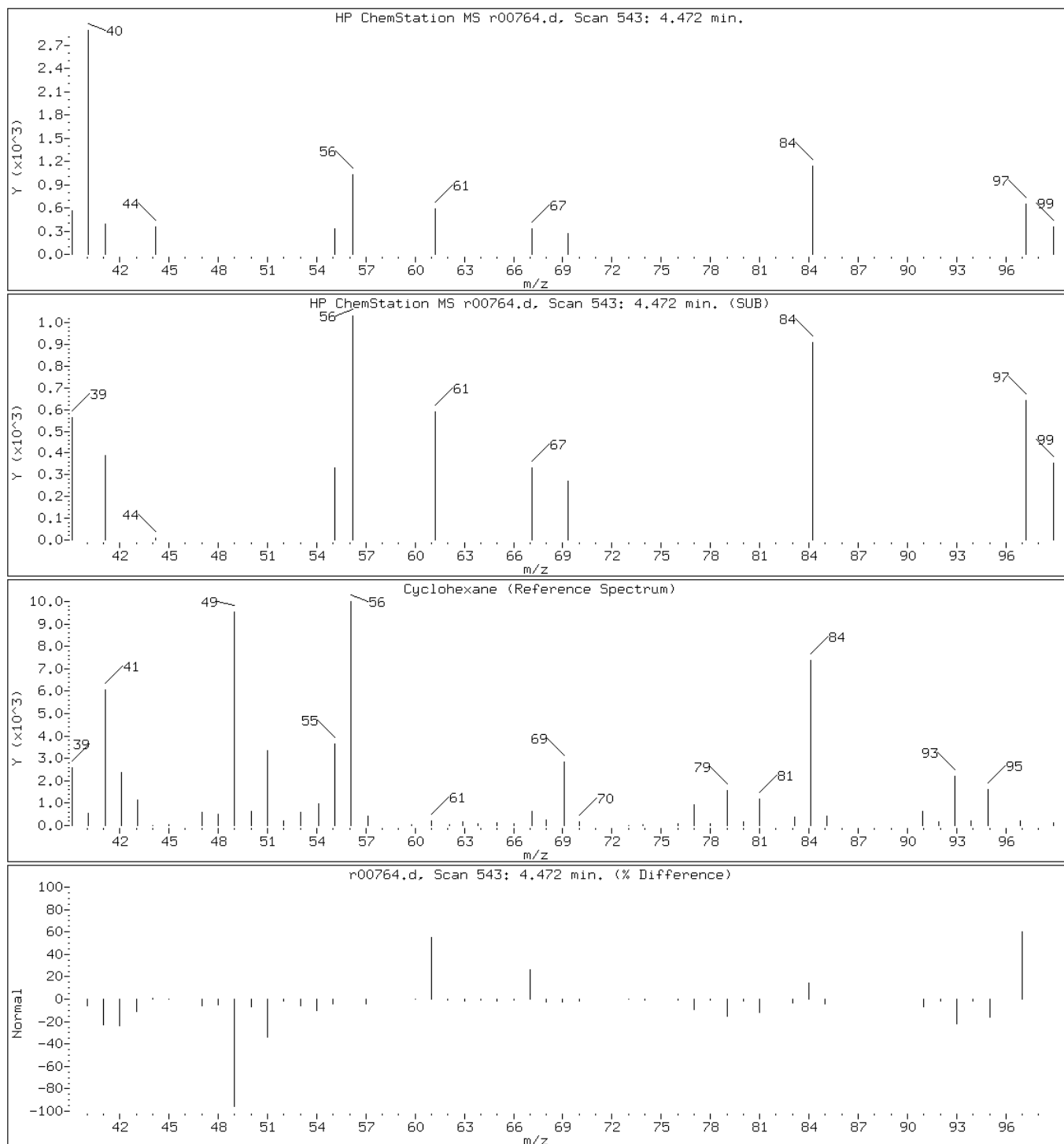
Client ID: EW10C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-28

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW11D-CP-00-032813 Lab Sample ID: 460-53245-29

Matrix: Water Lab File ID: r00765.d

Analysis Method: 8260B Date Collected: 03/26/2013 09:38

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 15:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	0.25	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW11D-CP-00-032813 Lab Sample ID: 460-53245-29
 Matrix: Water Lab File ID: r00765.d
 Analysis Method: 8260B Date Collected: 03/26/2013 09:38
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 15:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.53	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00765.d
 Report Date: 05-Apr-2013 17:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00765.d
 Lab Smp Id: 460-53245-C-29 Client Smp ID: EW11D-CP-00-032813
 Inj Date : 05-APR-2013 15:09
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-29
 Misc Info : 460-53245-C-29
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 42
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====	
16 Acetone	58	2.656	2.656	(0.518)	3709	11.7518	12	
18 Carbon Disulfide	76	2.739	2.739	(0.534)	2279	0.24637	0.25(a)	
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	1545	1.56704	1.6	
44 Cyclohexane	56	4.478	4.472	(0.874)	2534	0.53005	0.53(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	146264	64.0428	64	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	494415	50.0000		
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	319862	49.7607	50	
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	330824	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	135654	47.4943	47	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	192394	50.0000		

QC Flag Legend

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

Data File: r00765.d

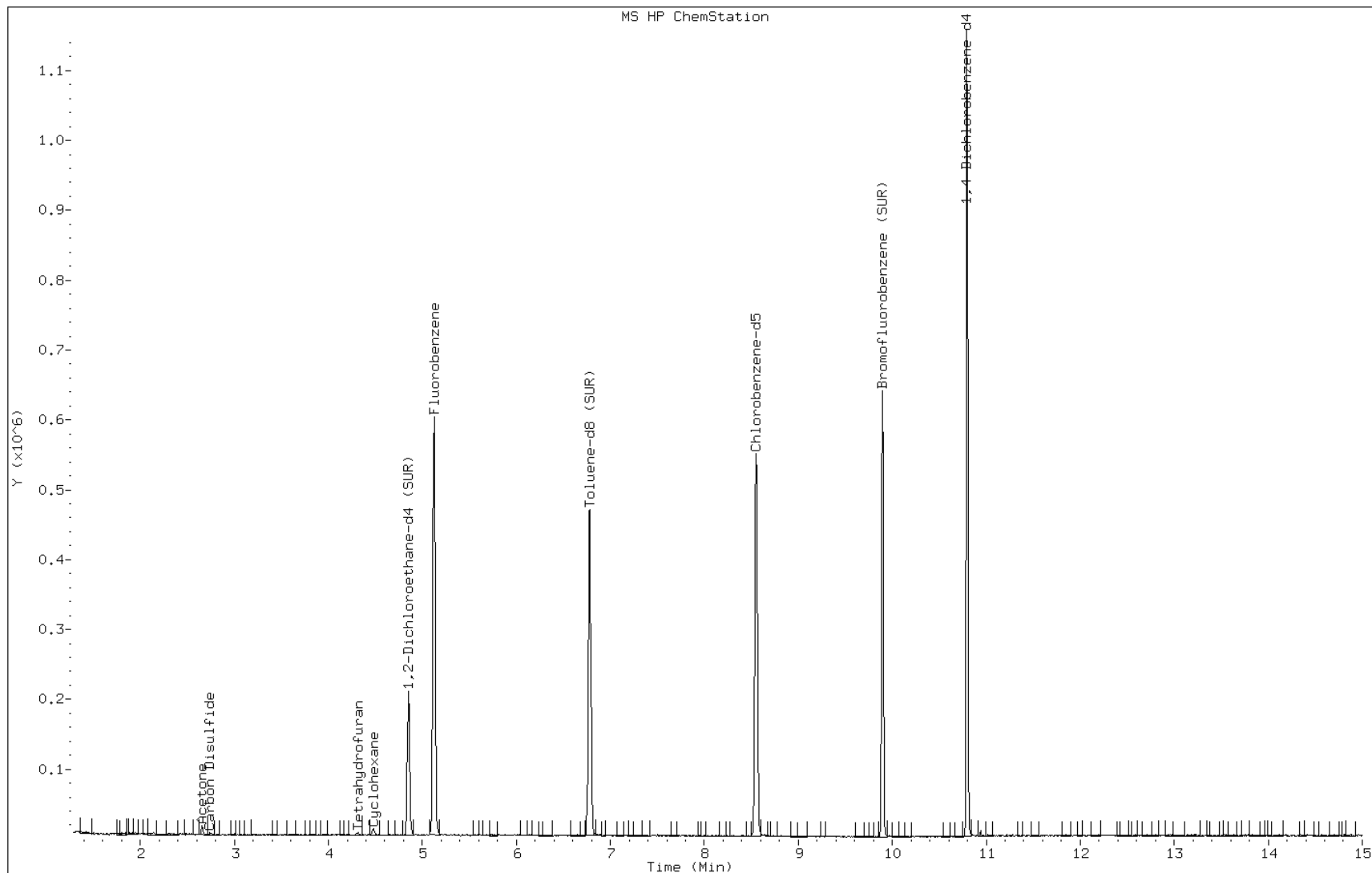
Date: 05-APR-2013 15:09

Client ID: EW11D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-29

Operator:



Data File: r00765.d

Date: 05-APR-2013 15:09

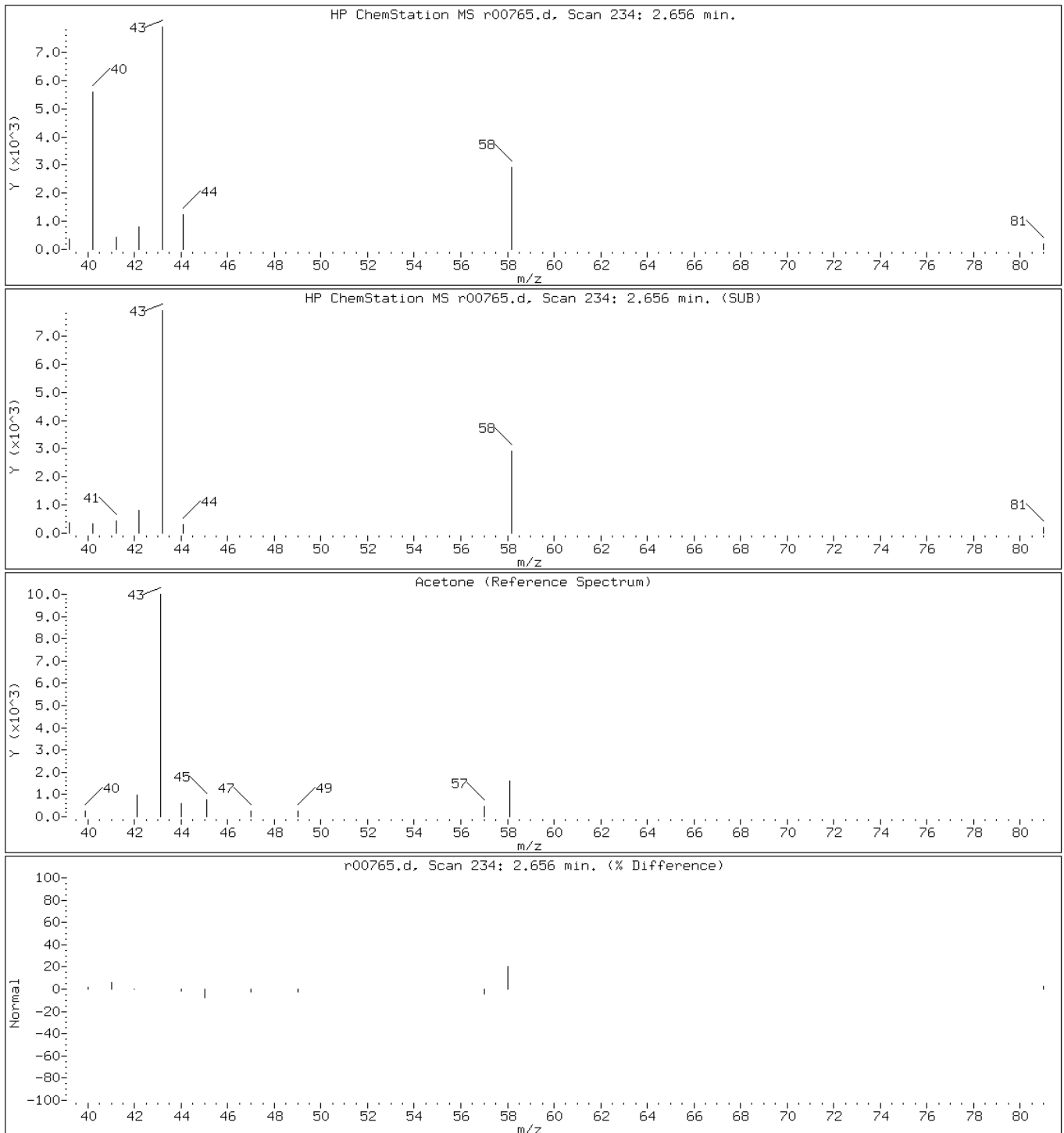
Client ID: EW11D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-29

Operator:

16 Acetone



Data File: r00765.d

Date: 05-APR-2013 15:09

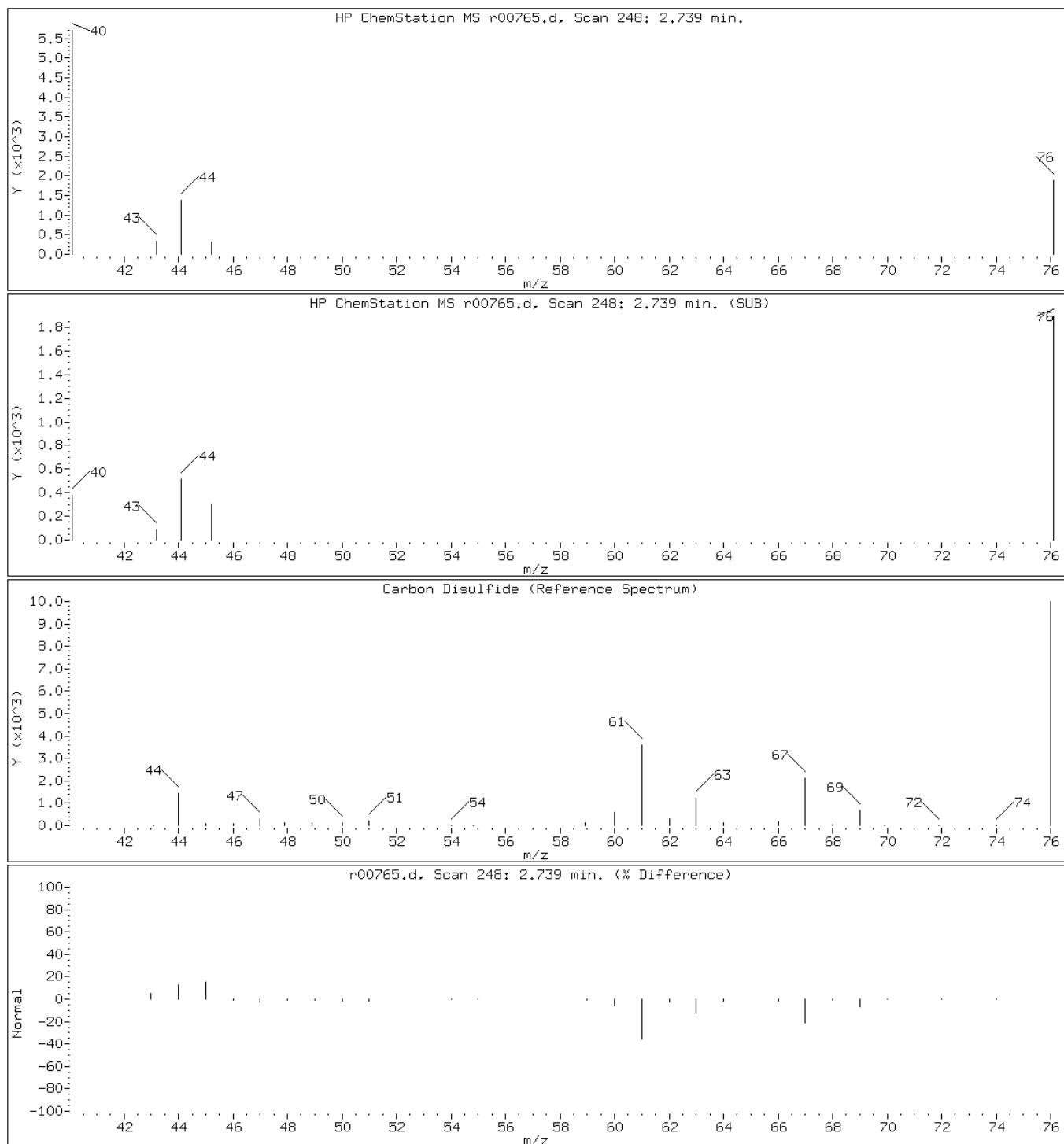
Client ID: EW11D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-29

Operator:

18 Carbon Disulfide



Data File: r00765.d

Date: 05-APR-2013 15:09

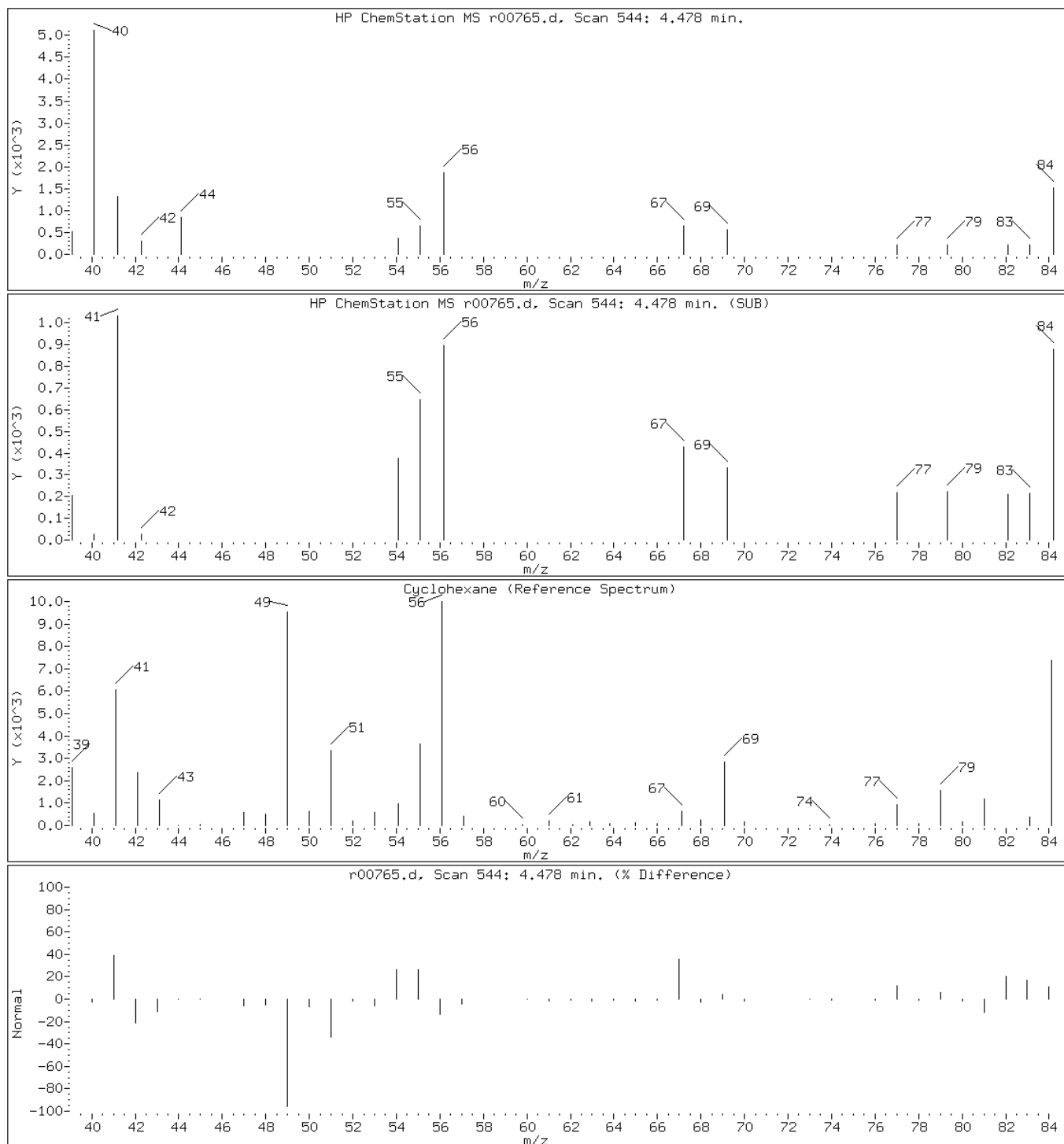
Client ID: EW11D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-29

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW12D-CP-00-032813 Lab Sample ID: 460-53245-30

Matrix: Water Lab File ID: r00937.d

Analysis Method: 8260B Date Collected: 03/26/2013 09:46

Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 22:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.78	J	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.1		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.38	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	4.0		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U *	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U *	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.36	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW12D-CP-00-032813 Lab Sample ID: 460-53245-30
 Matrix: Water Lab File ID: r00937.d
 Analysis Method: 8260B Date Collected: 03/26/2013 09:46
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 22:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.82	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	92		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00937.d
 Report Date: 10-Apr-2013 02:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00937.d
 Lab Smp Id: 460-53245-B-30 Client Smp ID: EW12D-CP-00-032813
 Inj Date : 09-APR-2013 22:29
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-B-30
 Misc Info : 460-53245-B-30
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/8260_09.m
 Meth Date : 09-Apr-2013 22:29 ken Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 26
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
15 1,1-Dichloroethene	96		2.568	2.562	(0.501)		2772	0.78466	0.78(a)
16 Acetone	58		2.656	2.656	(0.518)		5662	12.2296	12
36 cis-1,2-Dichloroethene	96		4.078	4.078	(0.796)		5359	1.07234	1.1
41 Tetrahydrofuran	42		4.301	4.307	(0.839)		1888	1.30541	1.3
44 Cyclohexane	56		4.478	4.478	(0.874)		5737	0.81812	0.82(a)
43 1,1,1-Trichloroethane	97		4.489	4.489	(0.876)		2616	0.38152	0.38(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.854	(0.947)		188185	56.1658	56
* 52 Fluorobenzene	96		5.124	5.124	(1.000)		725335	50.0000	
54 Trichloroethene	95		5.471	5.471	(1.068)		18511	4.02720	4.0
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775	(0.792)		459849	48.3042	48
71 Tetrachloroethene	166		7.445	7.451	(0.871)		1613	0.36029	0.36(a)
* 78 Chlorobenzene-d5	117		8.550	8.549	(1.000)		489950	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895	(0.917)		196003	46.0440	46
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794	(1.000)		286741	50.0000	
M 120 1,2-Dichloroethene (Total)	100						5359	1.07234	1.1(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00937.d
Report Date: 10-Apr-2013 02:49

QC Flag Legend

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

Data File: r00937.d

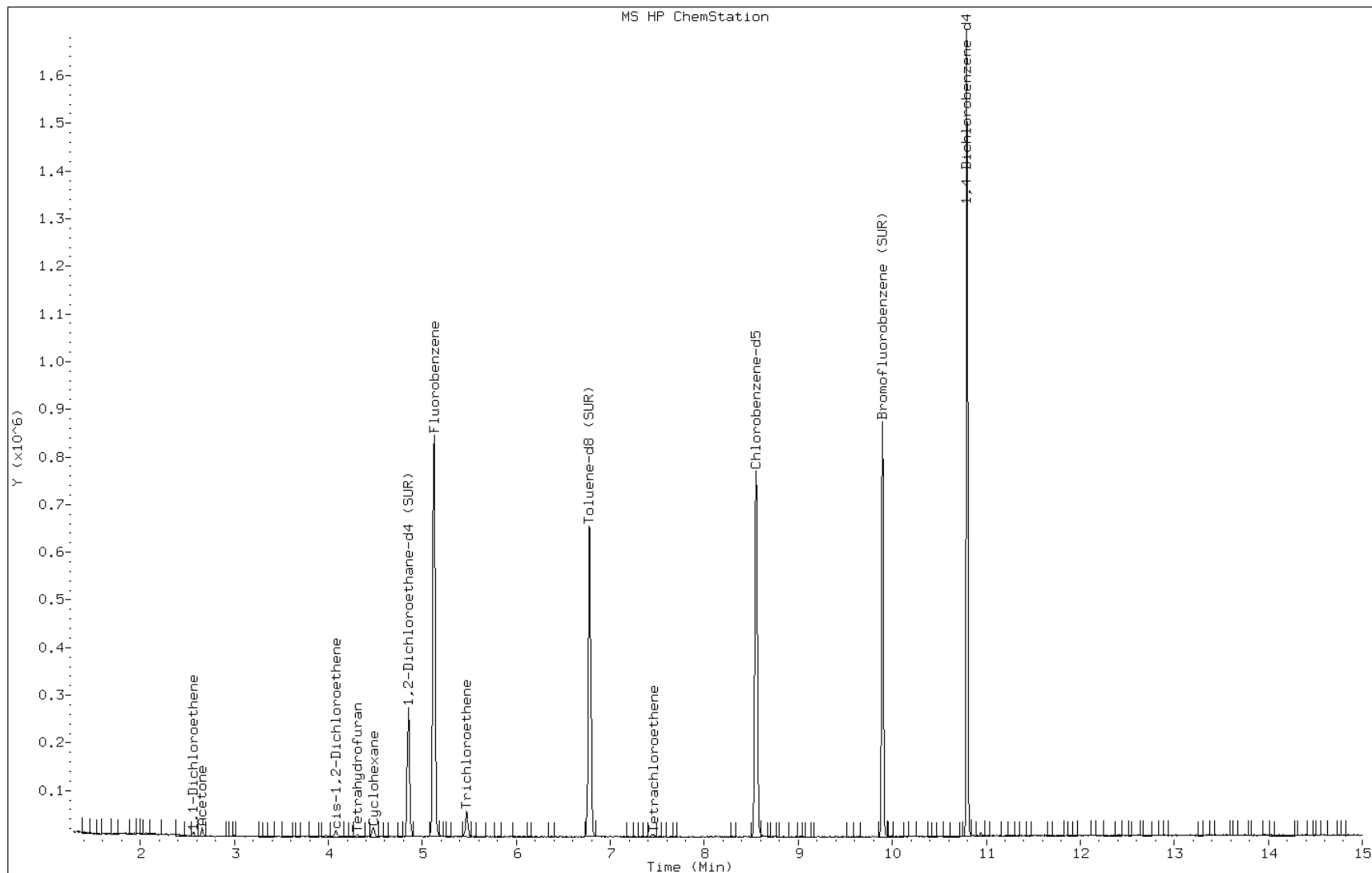
Date: 09-APR-2013 22:29

Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:



Data File: r00937.d

Date: 09-APR-2013 22:29

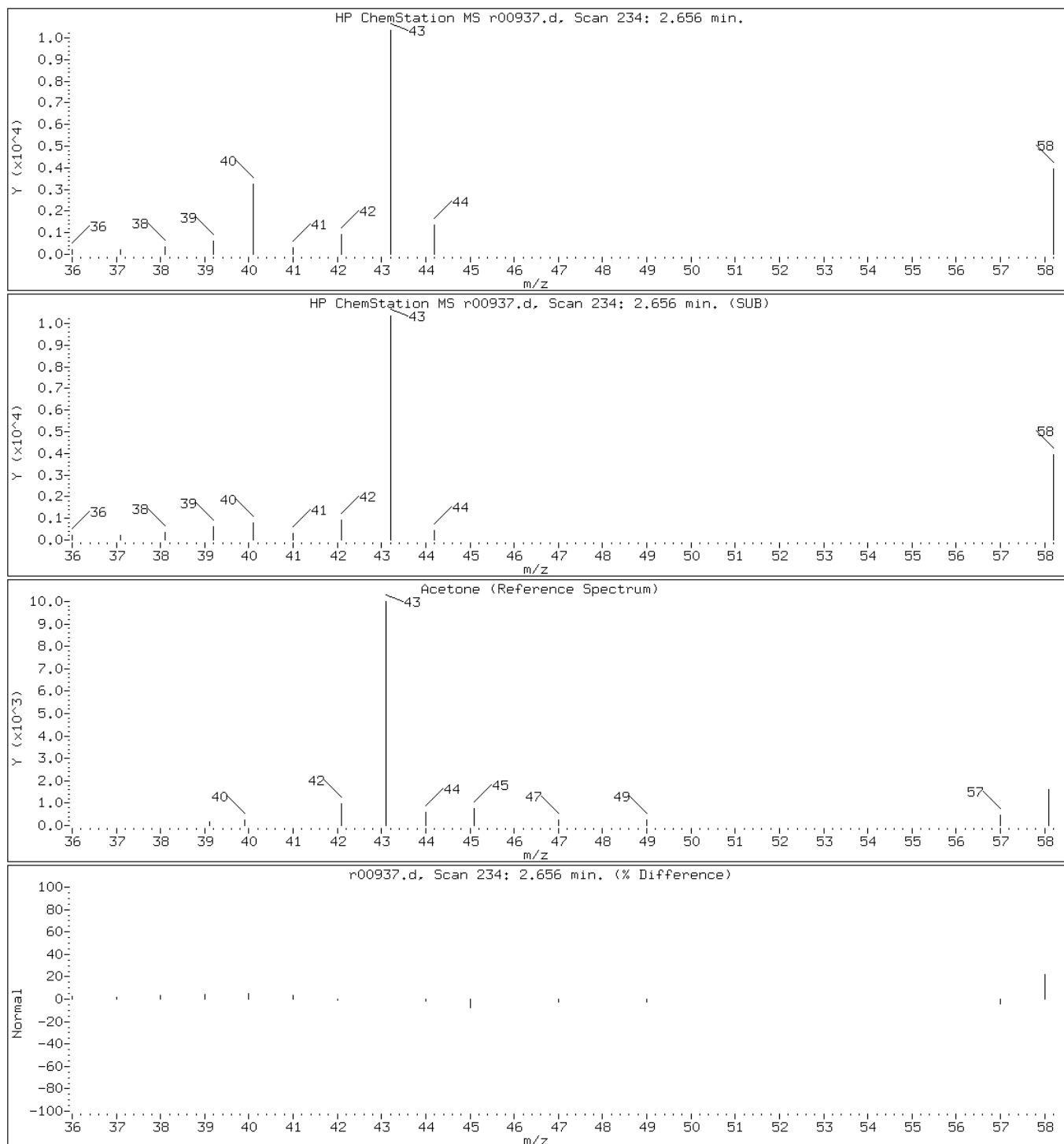
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

16 Acetone



Data File: r00937.d

Date: 09-APR-2013 22:29

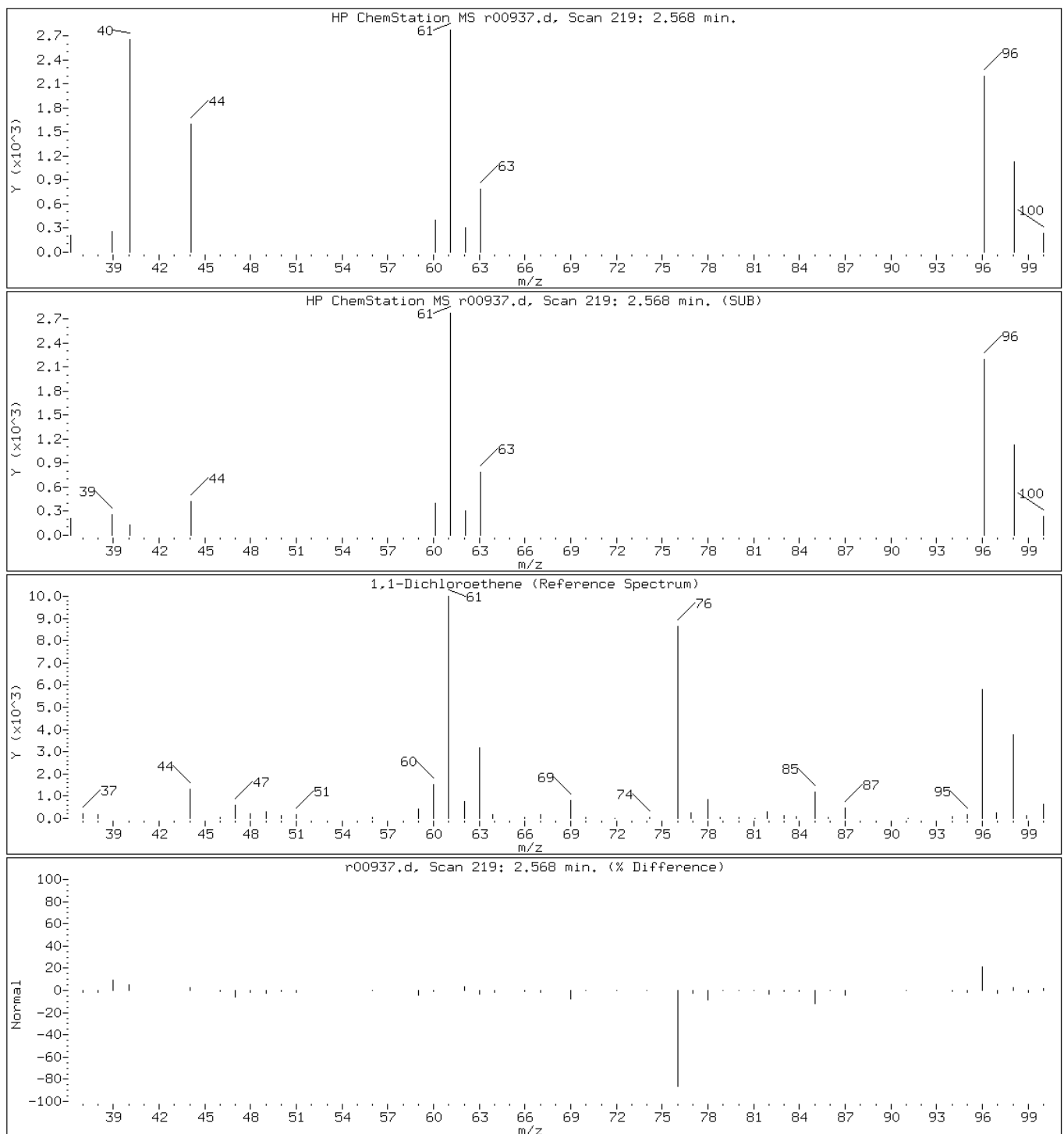
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

15 1,1-Dichloroethene



Data File: r00937.d

Date: 09-APR-2013 22:29

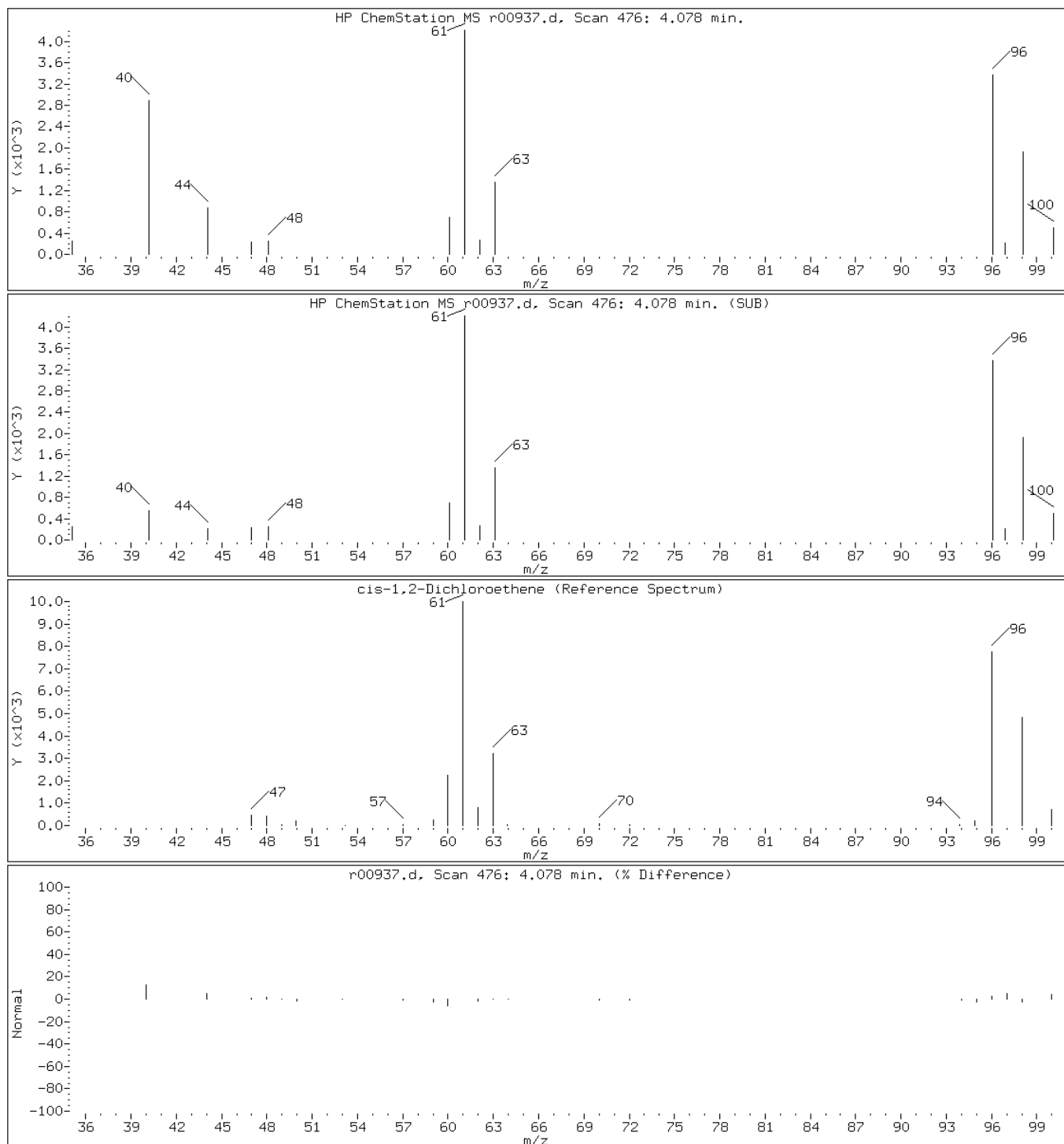
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

36 cis-1,2-Dichloroethene



Data File: r00937.d

Date: 09-APR-2013 22:29

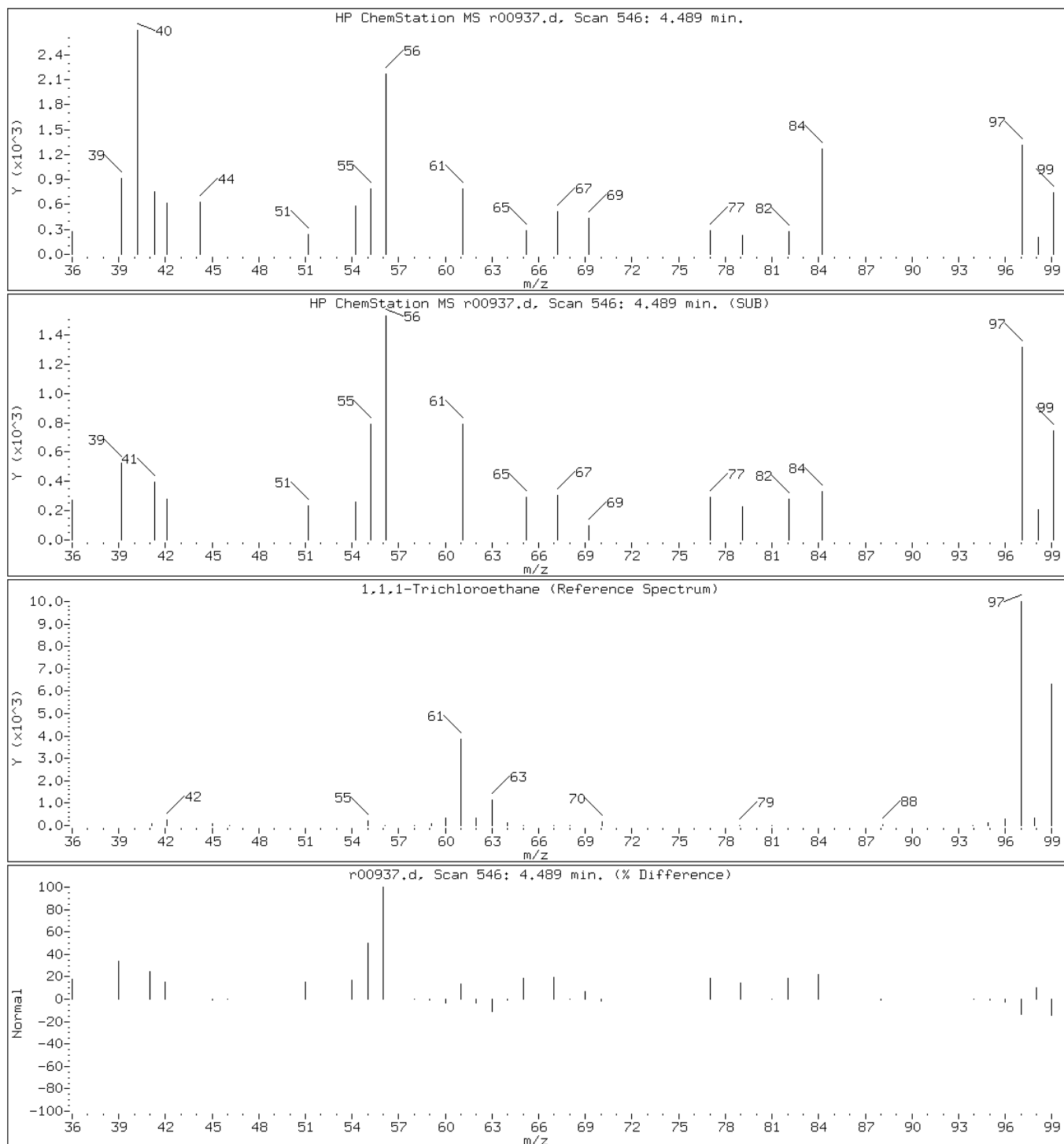
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

43 1,1,1-Trichloroethane



Data File: r00937.d

Date: 09-APR-2013 22:29

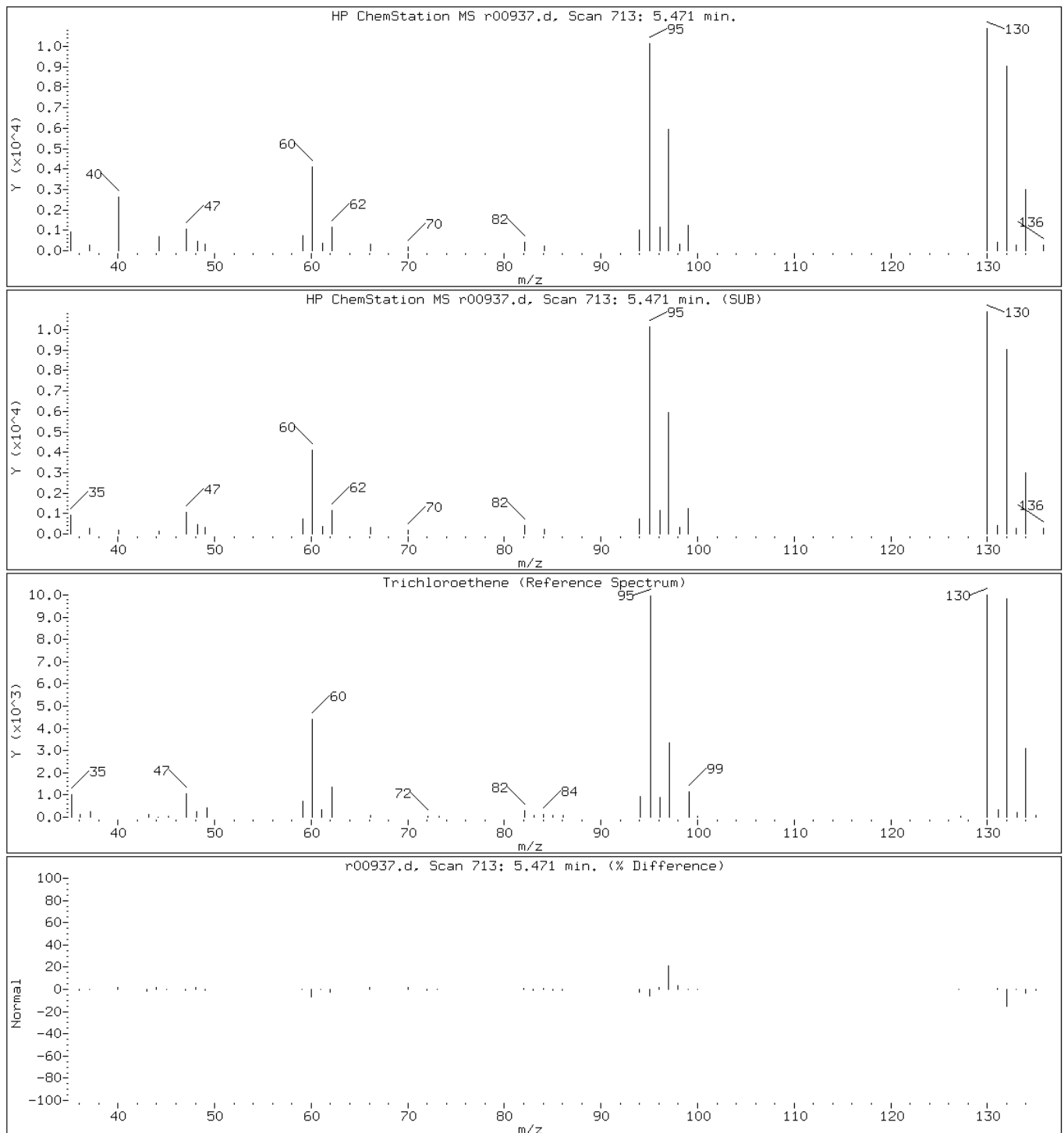
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

54 Trichloroethene



Data File: r00937.d

Date: 09-APR-2013 22:29

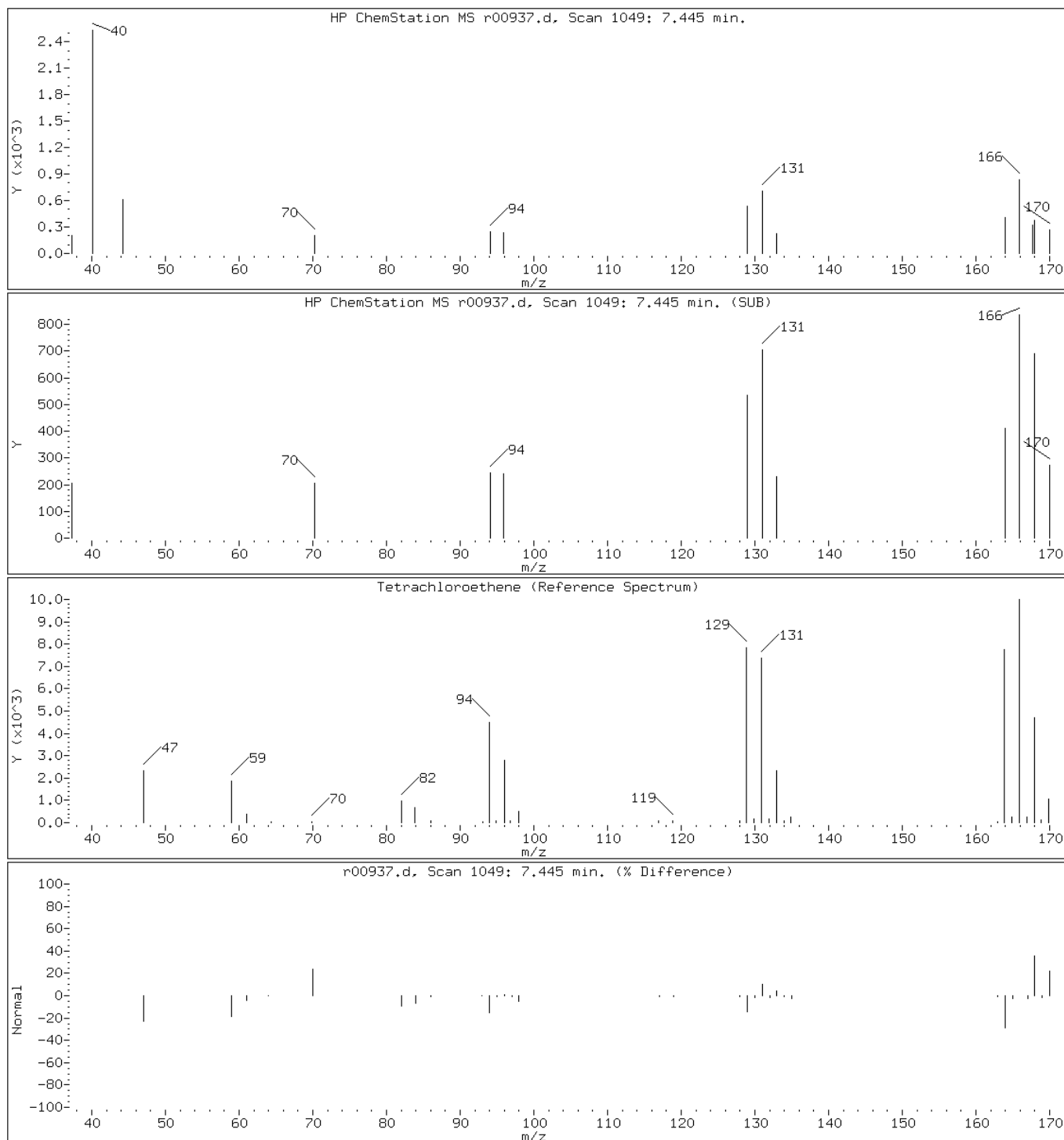
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

71 Tetrachloroethene



Data File: r00937.d

Date: 09-APR-2013 22:29

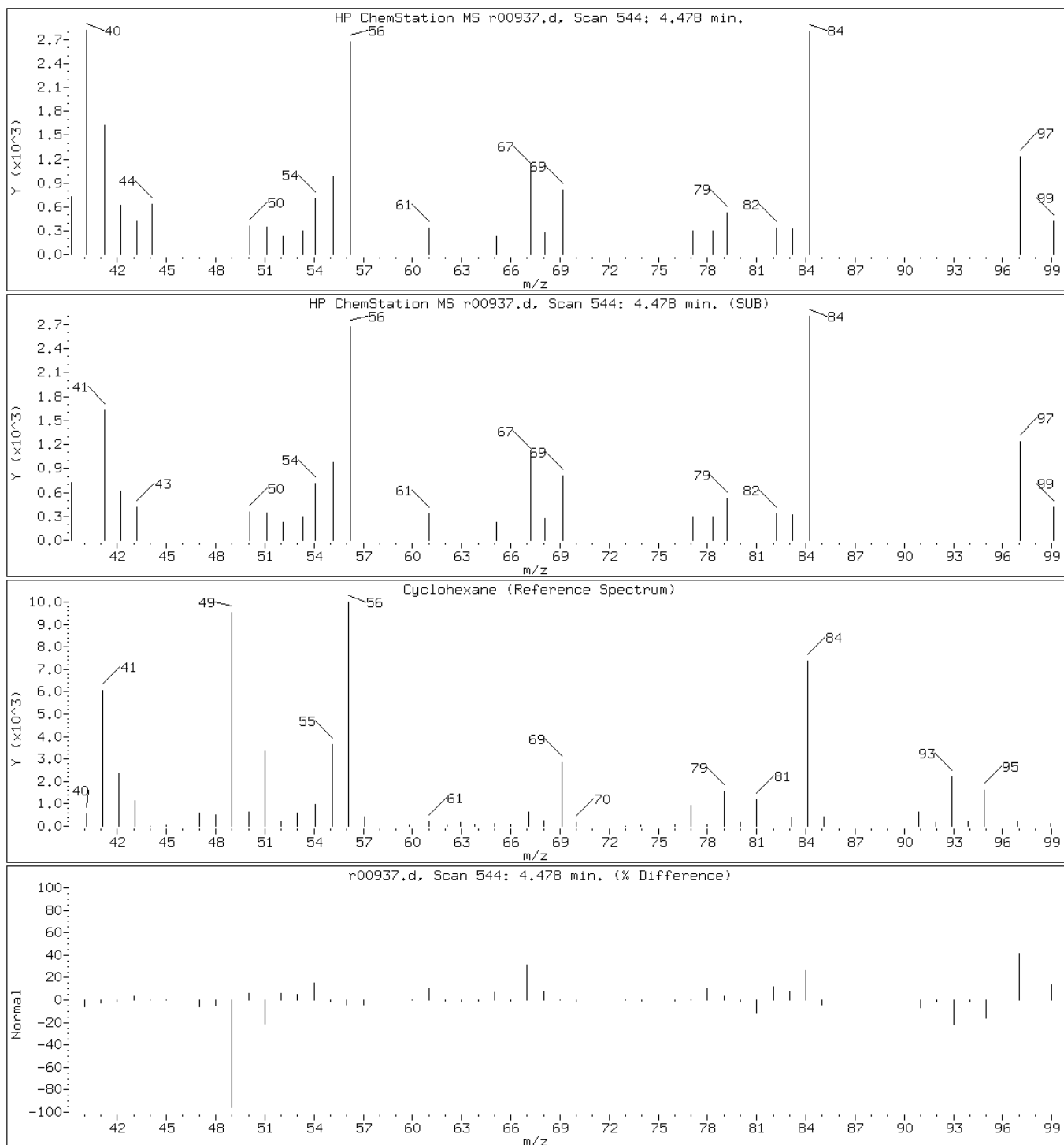
Client ID: EW12D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-30

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW13D-CP-00-032813 Lab Sample ID: 460-53245-31

Matrix: Water Lab File ID: r00938.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:32

Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 22:54

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	13		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.79	J	1.0	0.090
75-34-3	1,1-Dichloroethane	0.47	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.87	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.3		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U *	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U *	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.3		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW13D-CP-00-032813 Lab Sample ID: 460-53245-31
 Matrix: Water Lab File ID: r00938.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:32
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 22:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	0.18	J	1.0	0.14
110-82-7	Cyclohexane	0.58	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00938.d
 Report Date: 10-Apr-2013 02:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00938.d
 Lab Smp Id: 460-53245-B-31 Client Smp ID: EW13D-CP-00-032813
 Inj Date : 09-APR-2013 22:54
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-B-31
 Misc Info : 460-53245-B-31
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/8260_09.m
 Meth Date : 09-Apr-2013 22:29 ken Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 27
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
15 1,1-Dichloroethene	96	2.568	2.562 (0.501)			2700	0.78655	0.79(a)
16 Acetone	58	2.656	2.656 (0.518)			5938	13.2007	13
28 MTBE	73	3.162	3.156 (0.617)			2442	0.17641	0.18(a)
30 1,1-Dichloroethane	63	3.573	3.567 (0.697)			3385	0.46708	0.47(a)
41 Tetrahydrofuran	42	4.307	4.307 (0.841)			1851	1.31725	1.3
44 Cyclohexane	56	4.484	4.478 (0.875)			3934	0.57737	0.58(a)
43 1,1,1-Trichloroethane	97	4.489	4.489 (0.876)			5771	0.86603	0.87(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854 (0.947)			188938	58.0445	58
* 52 Fluorobenzene	96	5.124	5.124 (1.000)			704665	50.0000	
54 Trichloroethene	95	5.471	5.471 (1.068)			5634	1.26164	1.3
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775 (0.792)			448842	47.7327	48
71 Tetrachloroethene	166	7.451	7.451 (0.871)			5677	1.28365	1.3
* 78 Chlorobenzene-d5	117	8.549	8.549 (1.000)			483947	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895 (0.917)			198229	46.7127	47
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794 (1.000)			285846	50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00938.d
Report Date: 10-Apr-2013 02:50

QC Flag Legend

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

Data File: r00938.d

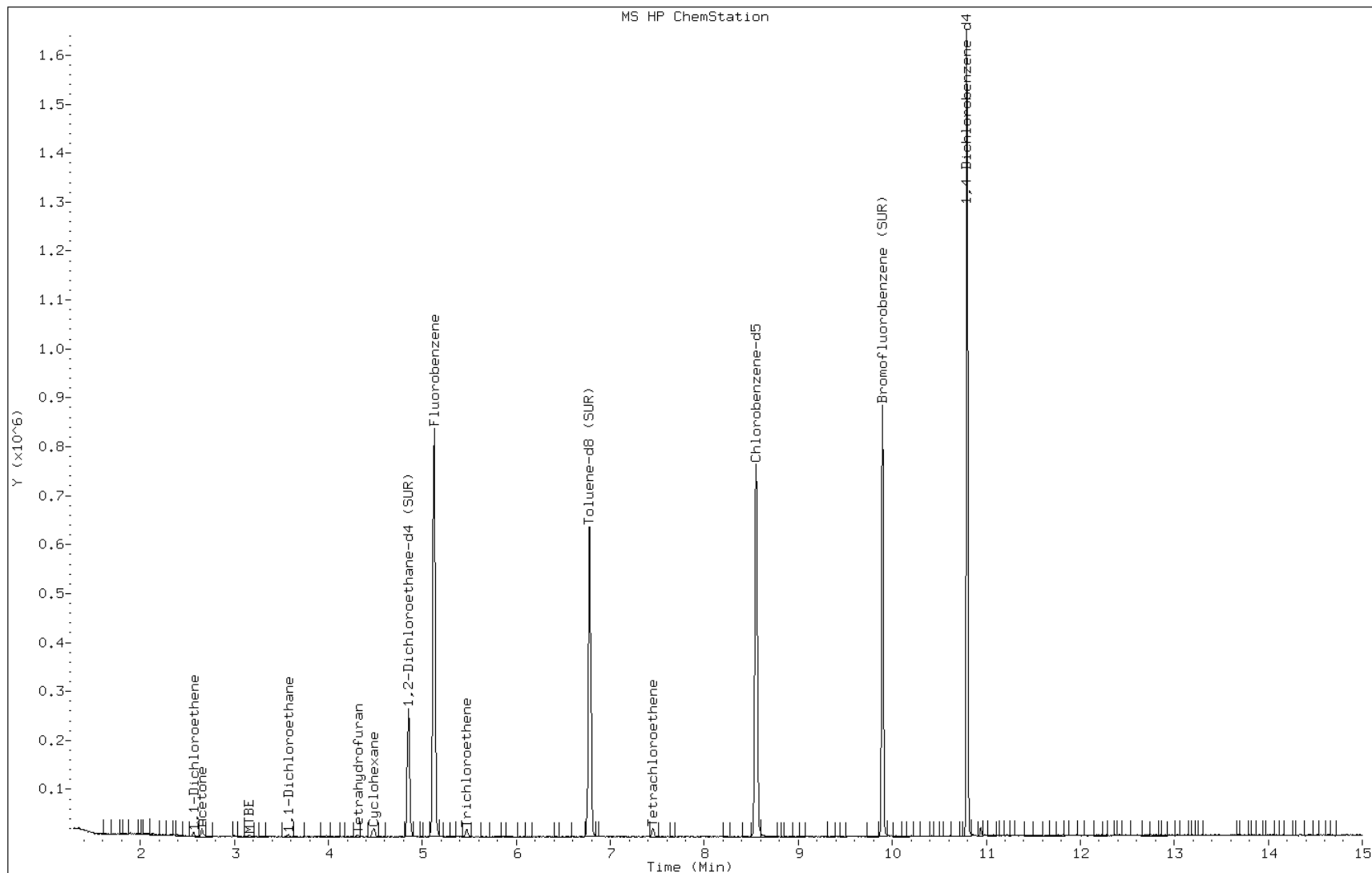
Date: 09-APR-2013 22:54

Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:



Data File: r00938.d

Date: 09-APR-2013 22:54

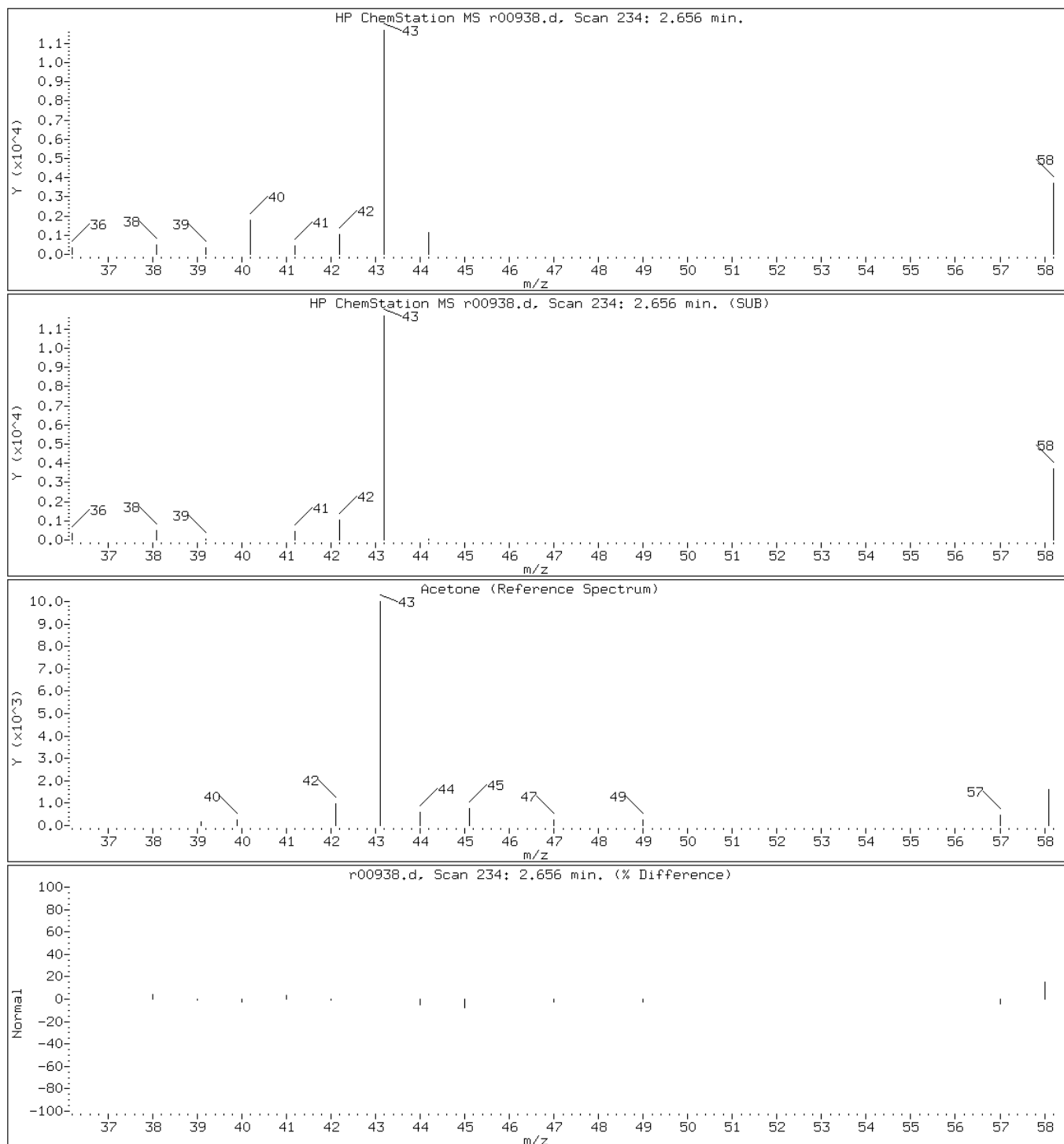
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

16 Acetone



Data File: r00938.d

Date: 09-APR-2013 22:54

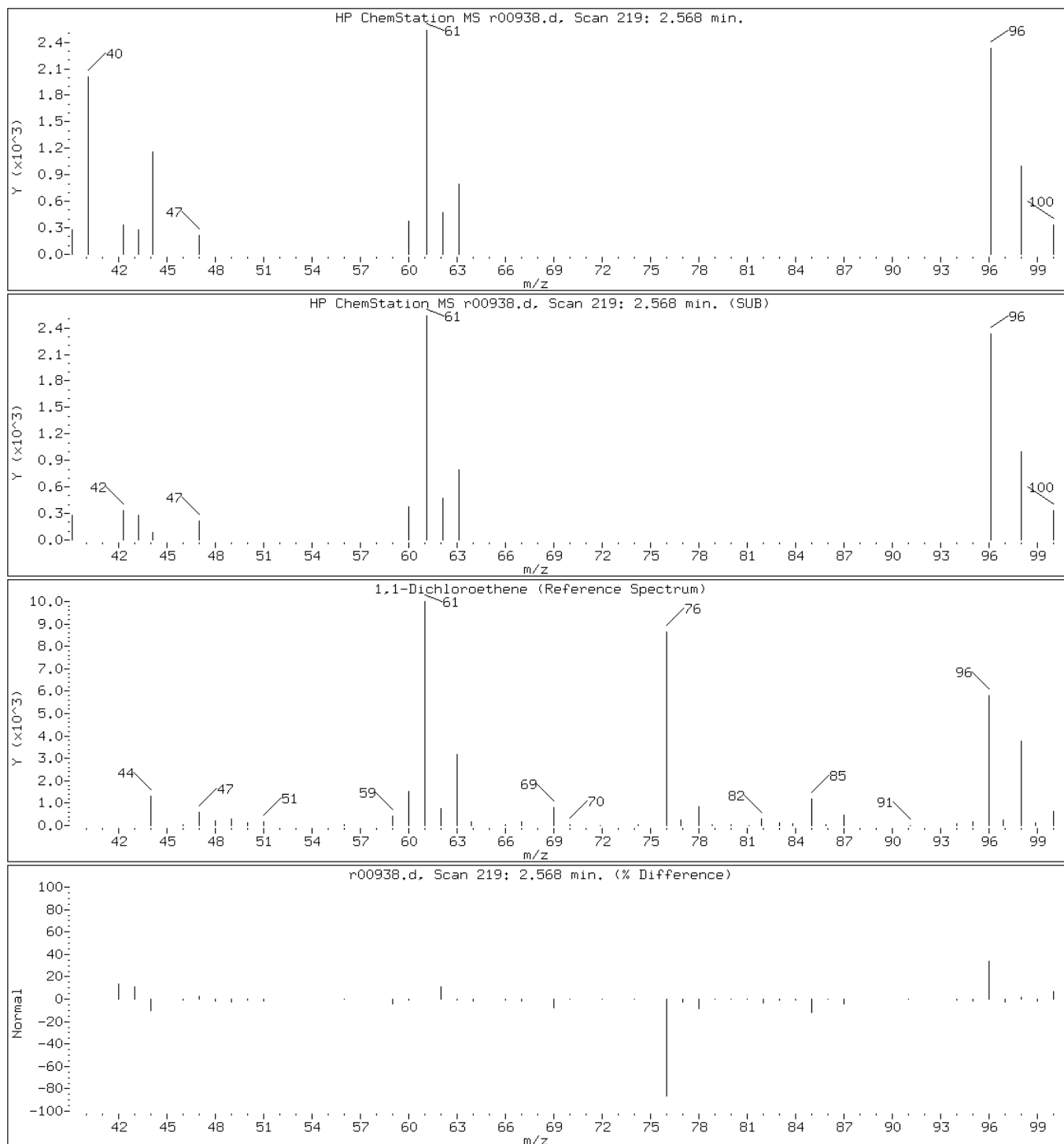
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

15 1,1-Dichloroethene



Data File: r00938.d

Date: 09-APR-2013 22:54

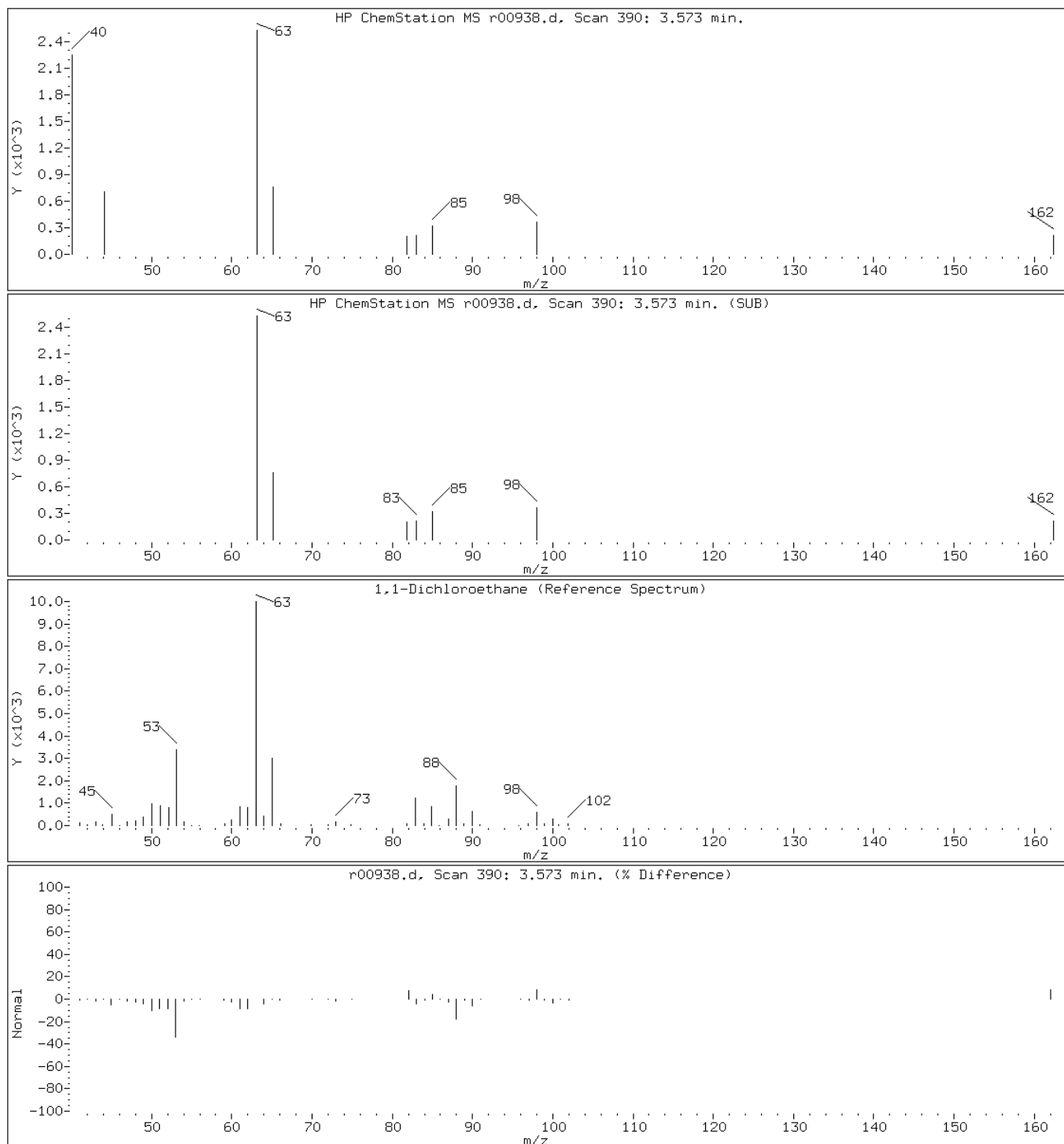
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

30 1,1-Dichloroethane



Data File: r00938.d

Date: 09-APR-2013 22:54

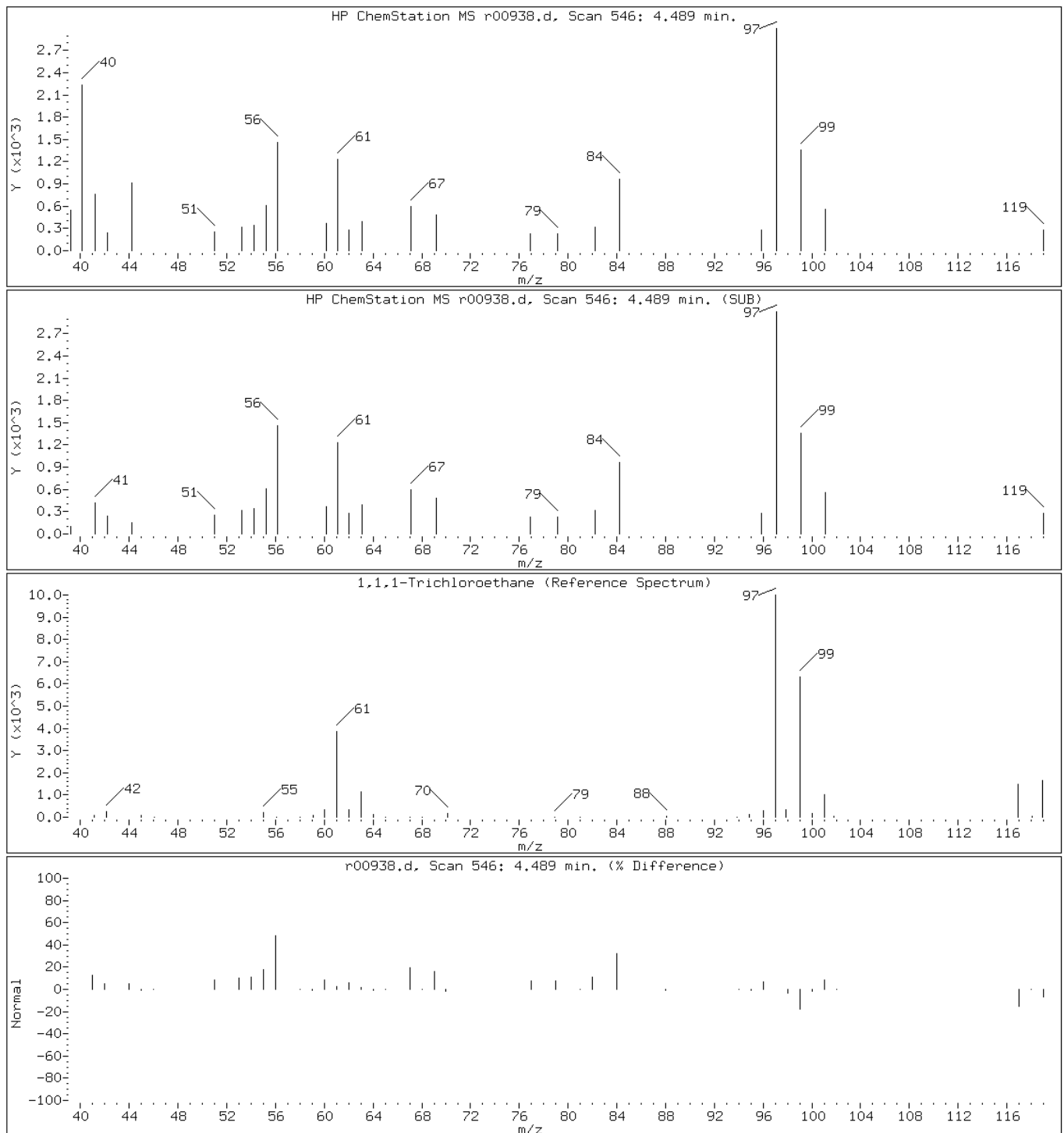
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

43 1,1,1-Trichloroethane



Data File: r00938.d

Date: 09-APR-2013 22:54

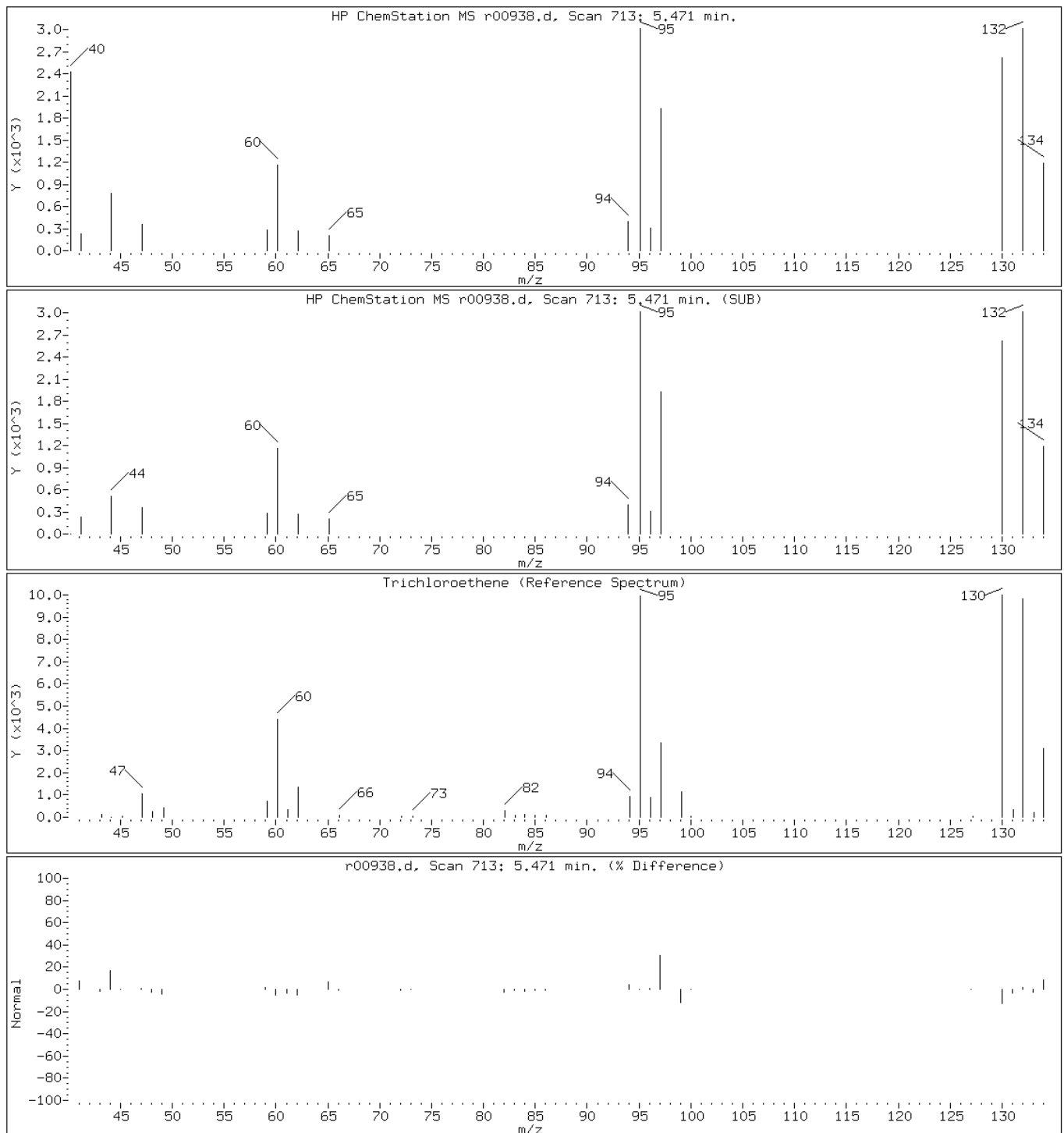
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

54 Trichloroethene



Data File: r00938.d

Date: 09-APR-2013 22:54

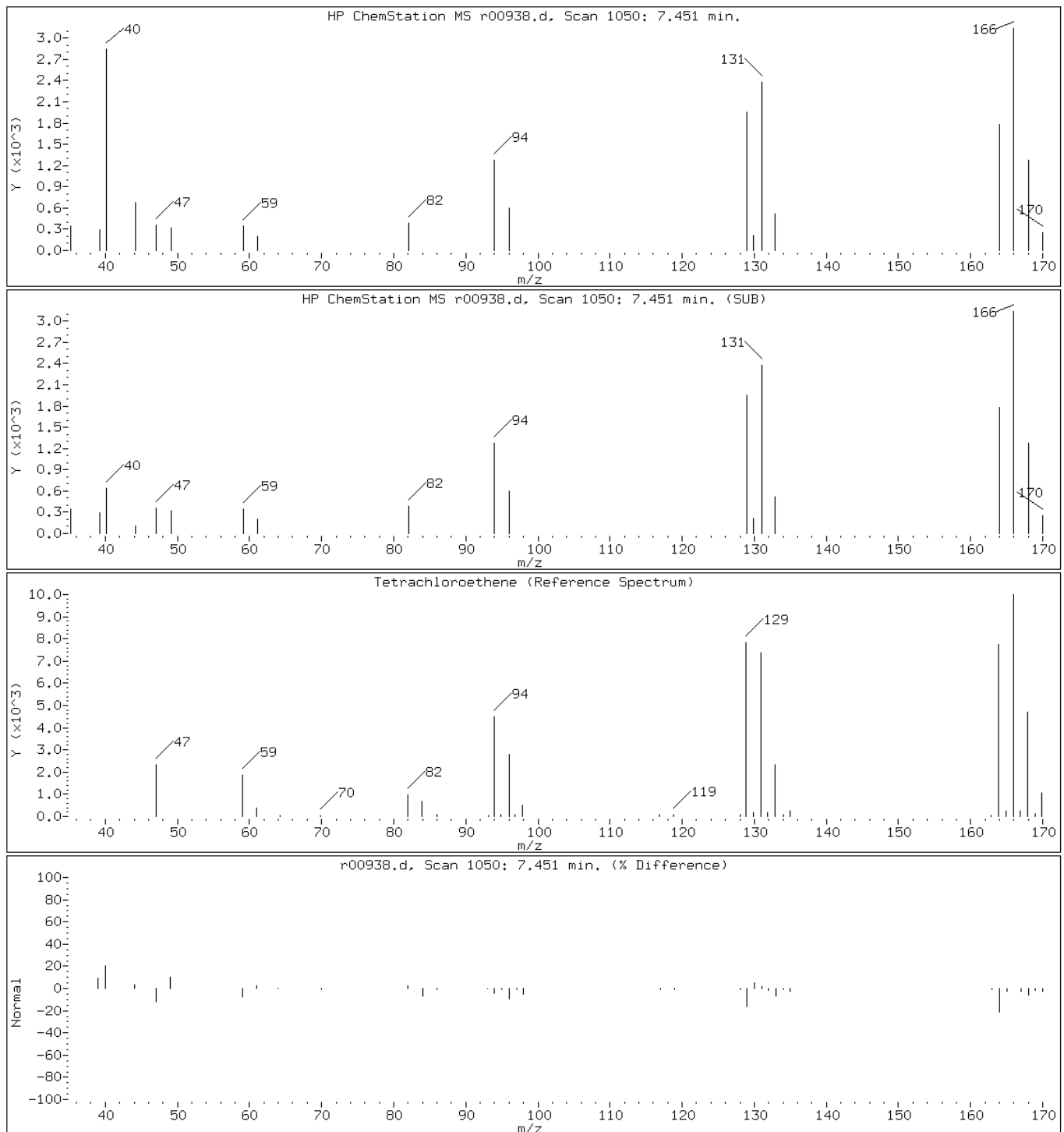
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

71 Tetrachloroethene



Data File: r00938.d

Date: 09-APR-2013 22:54

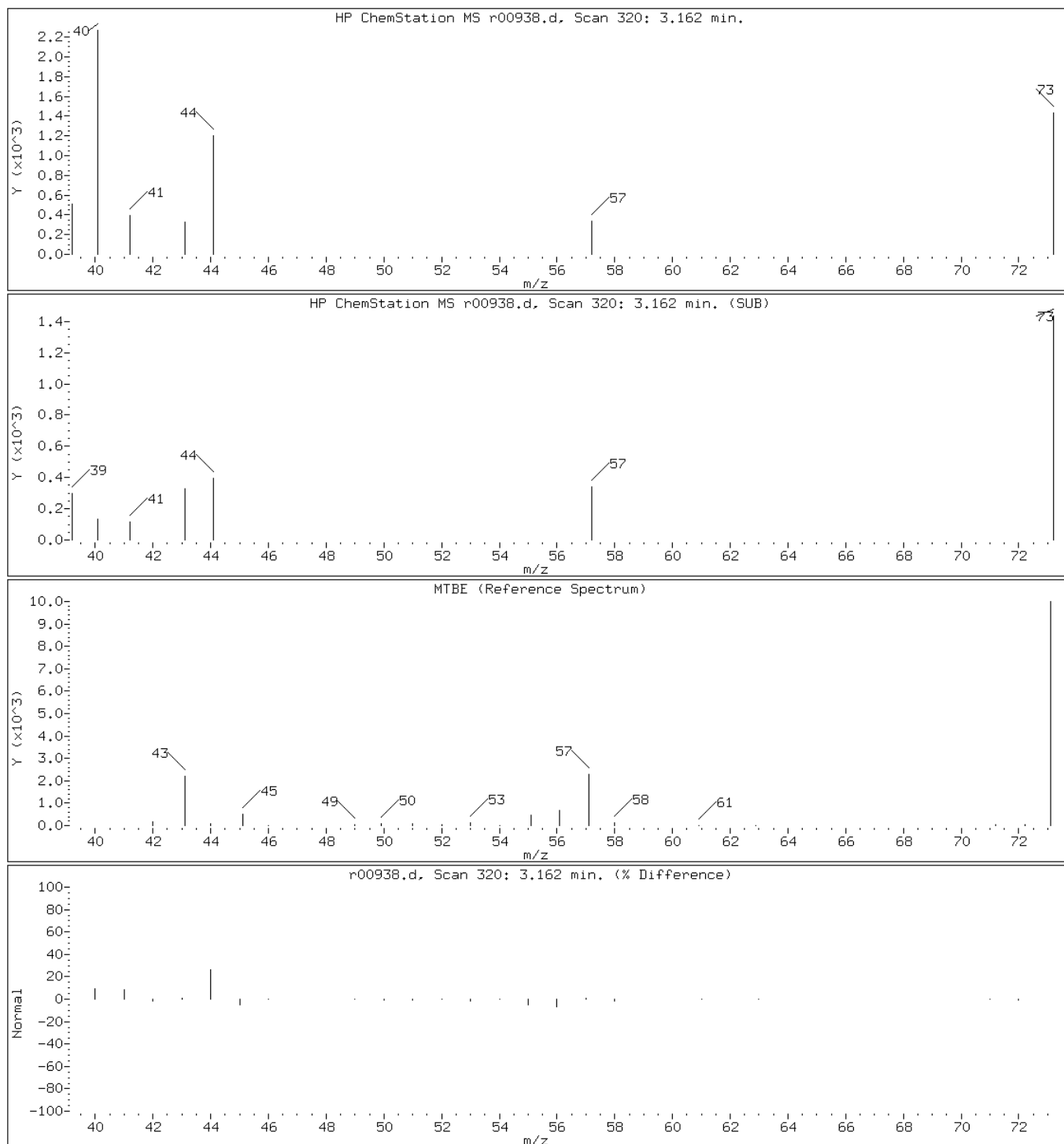
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

28 MTBE



Data File: r00938.d

Date: 09-APR-2013 22:54

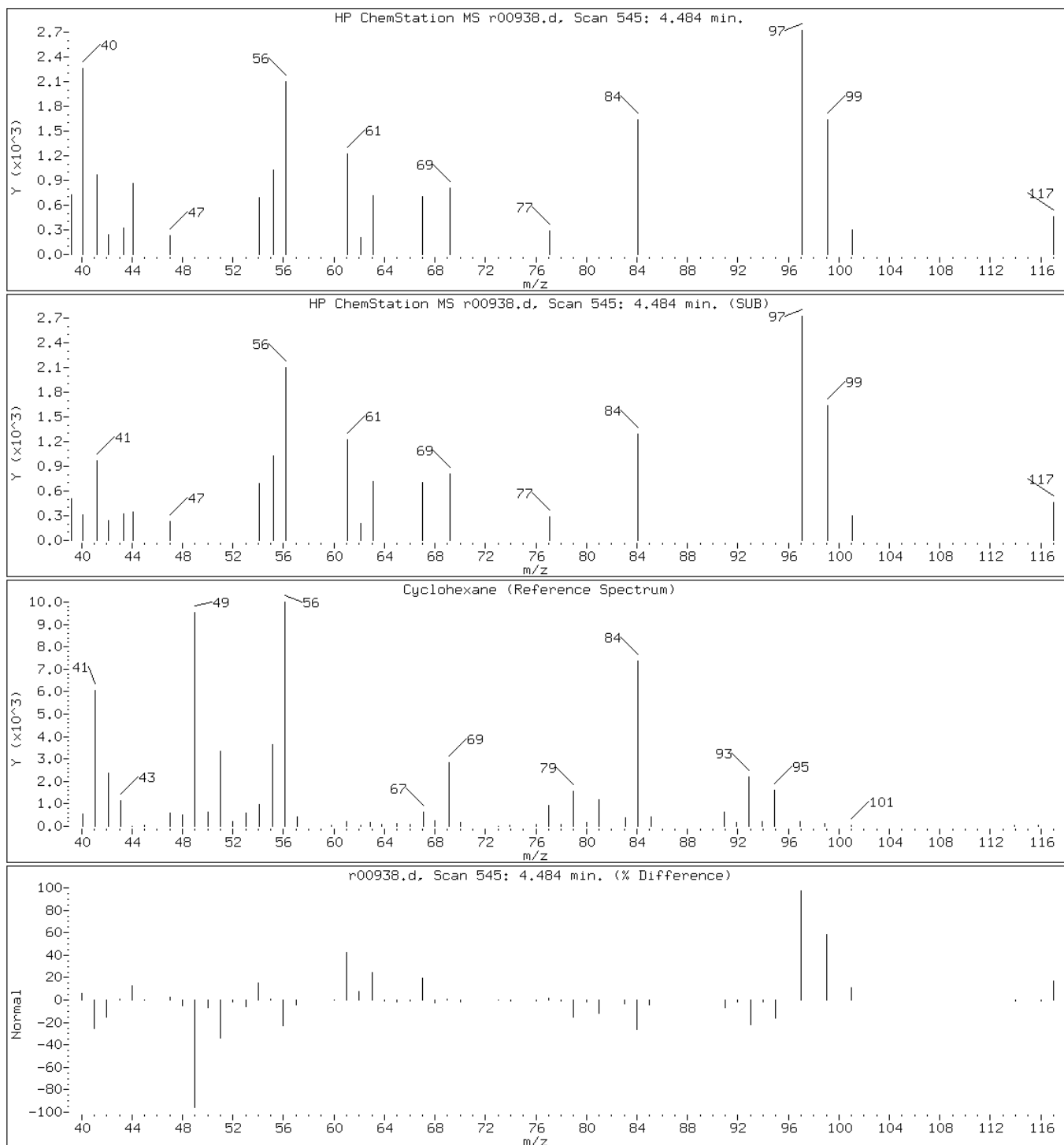
Client ID: EW13D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-B-31

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: EW14D-CP-00-032813 Lab Sample ID: 460-53245-32

Matrix: Water Lab File ID: r00768.d

Analysis Method: 8260B Date Collected: 03/26/2013 09:19

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 16:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	40		1.0	0.090
75-34-3	1,1-Dichloroethane	0.80	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	2.2		1.0	0.18
67-66-3	Chloroform	1.8		1.0	0.080
107-06-2	1,2-Dichloroethane	7.2		1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	45		1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	320		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.65	J	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	3.1		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: EW14D-CP-00-032813 Lab Sample ID: 460-53245-32
 Matrix: Water Lab File ID: r00768.d
 Analysis Method: 8260B Date Collected: 03/26/2013 09:19
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 16:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.86	J	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.88	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	92		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00768.d
 Report Date: 05-Apr-2013 18:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00768.d
 Lab Smp Id: 460-53245-C-32 Client Smp ID: EW14D-CP-00-032813
 Inj Date : 05-APR-2013 16:25
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-32
 Misc Info : 460-53245-C-32
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 45
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
14 Freon TF		101	2.539	2.527	(0.495)	2263	0.85586	0.86(a)
15 1,1-Dichloroethene		96	2.568	2.562	(0.501)	95261	40.2335	40
16 Acetone		58	2.650	2.656	(0.517)	3578	11.5327	12
30 1,1-Dichloroethane		63	3.573	3.567	(0.697)	4013	0.80285	0.80(a)
36 cis-1,2-Dichloroethene		96	4.078	4.078	(0.796)	7325	2.18722	2.2
41 Tetrahydrofuran		42	4.307	4.301	(0.841)	1458	1.50494	1.5
42 Chloroform		83	4.348	4.348	(0.849)	9556	1.84986	1.8
44 Cyclohexane		56	4.478	4.472	(0.874)	4126	0.87813	0.88(a)
43 1,1,1-Trichloroethane		97	4.490	4.489	(0.876)	207961	45.2451	45
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.848	(0.947)	143732	64.0183	64
49 1,2-Dichloroethane		62	4.924	4.924	(0.961)	30414	7.18367	7.2
* 52 Fluorobenzene		96	5.124	5.124	(1.000)	486043	50.0000	
54 Trichloroethene		95	5.471	5.471	(1.068)	981061	318.509	320
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775	(0.792)	318371	50.3512	50
69 1,1,2-Trichloroethane		83	7.416	7.410	(0.867)	1434	0.65113	0.65(a)
71 Tetrachloroethene		166	7.457	7.457	(0.872)	9243	3.10810	3.1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00768.d
 Report Date: 05-Apr-2013 18:16

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	325419	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	125217	45.8443	46
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	183983	50.0000	
M 120 1,2-Dichloroethene (Total)	100				7325	2.18722	2.2

QC Flag Legend

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

Data File: r00768.d

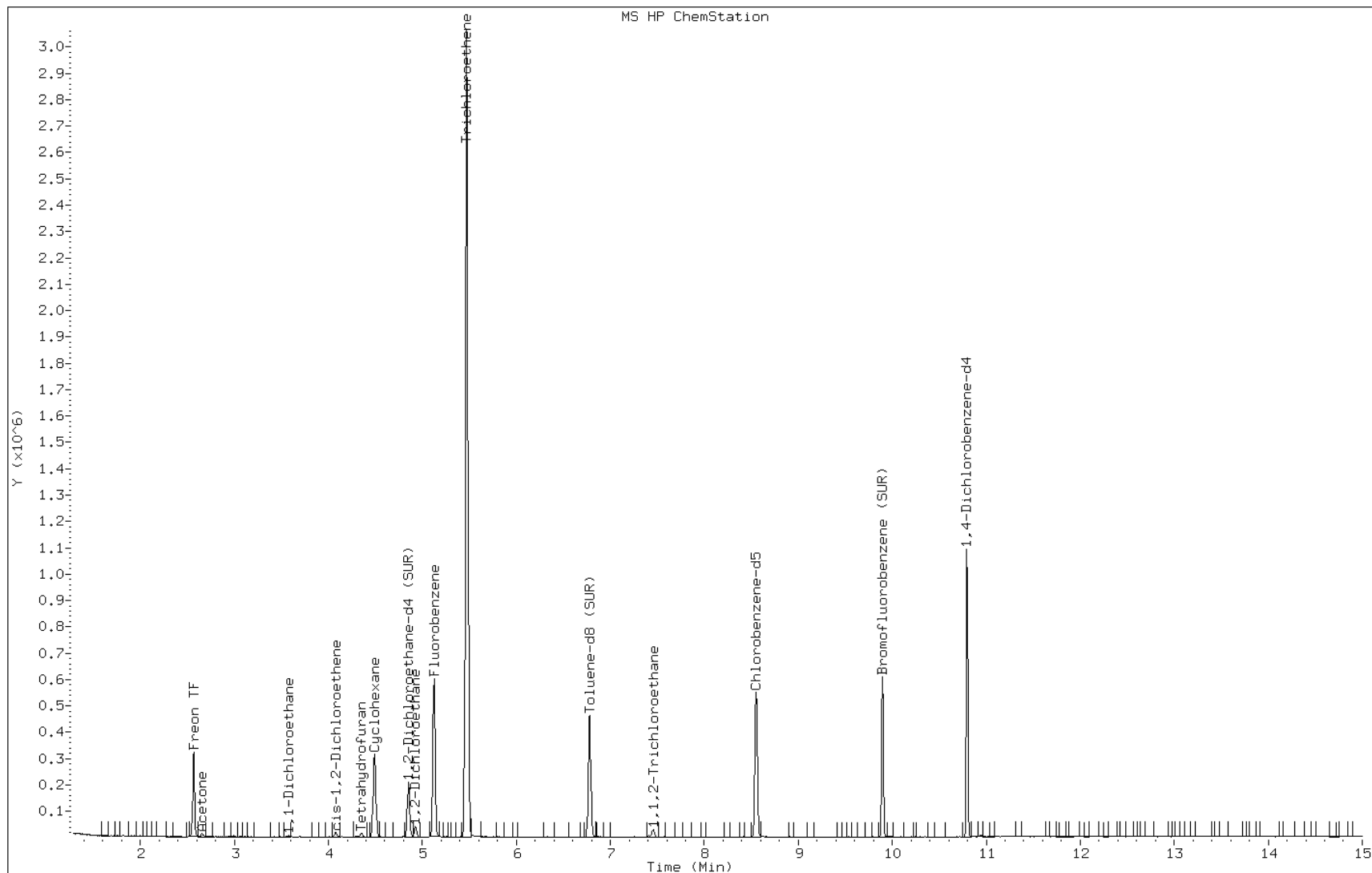
Date: 05-APR-2013 16:25

Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:



Data File: r00768.d

Date: 05-APR-2013 16:25

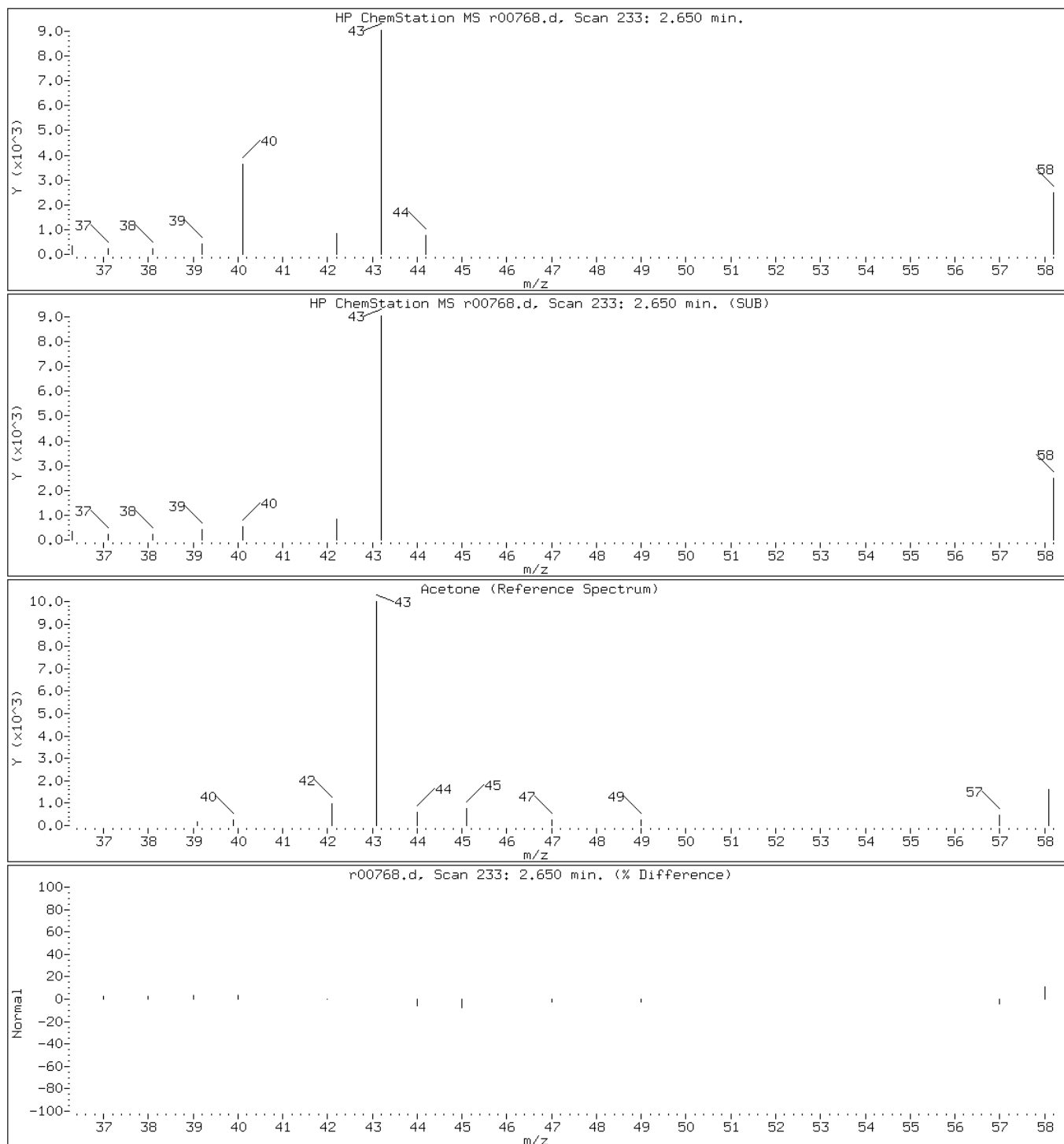
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

16 Acetone



Data File: r00768.d

Date: 05-APR-2013 16:25

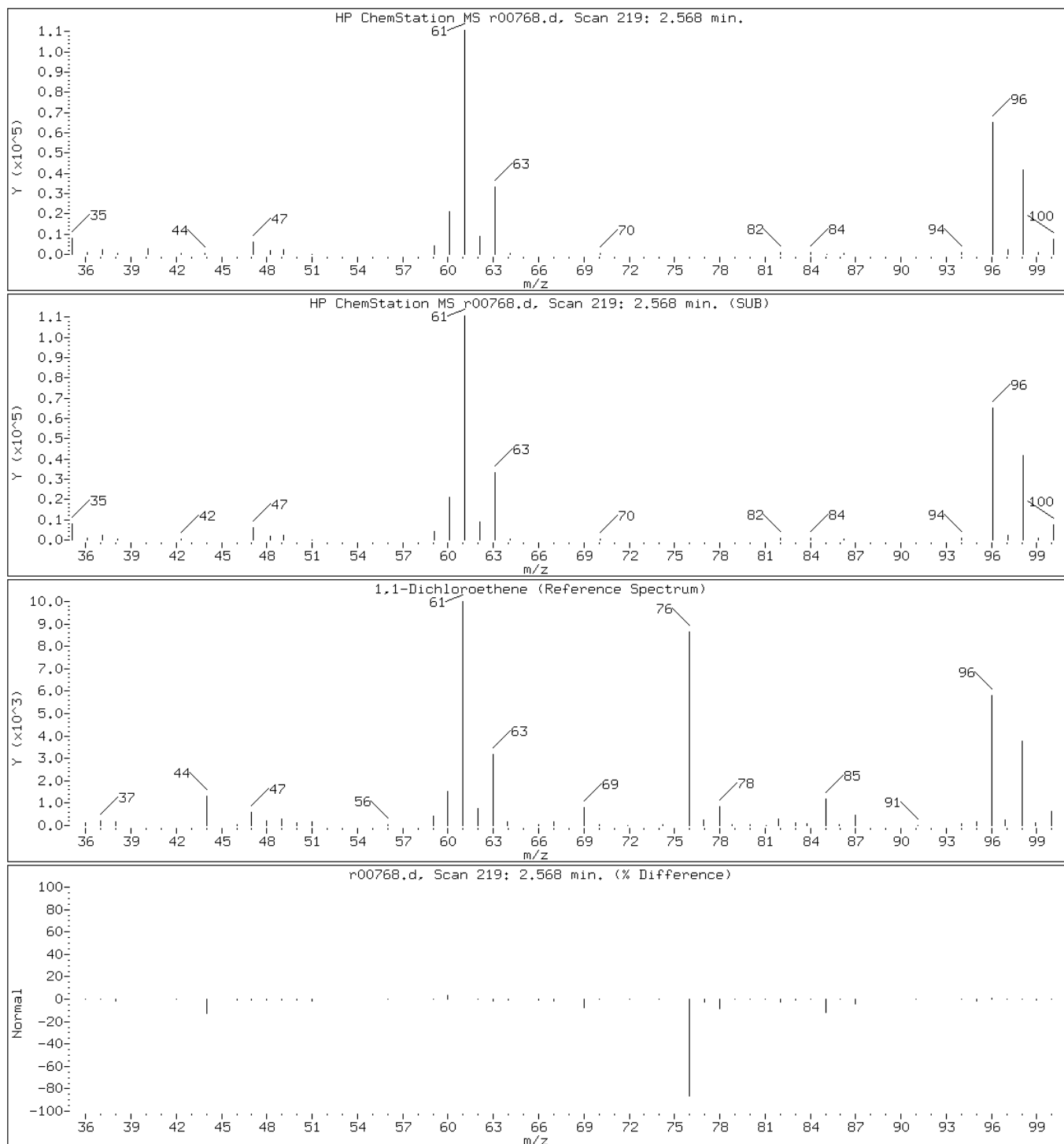
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

15 1,1-Dichloroethene



Data File: r00768.d

Date: 05-APR-2013 16:25

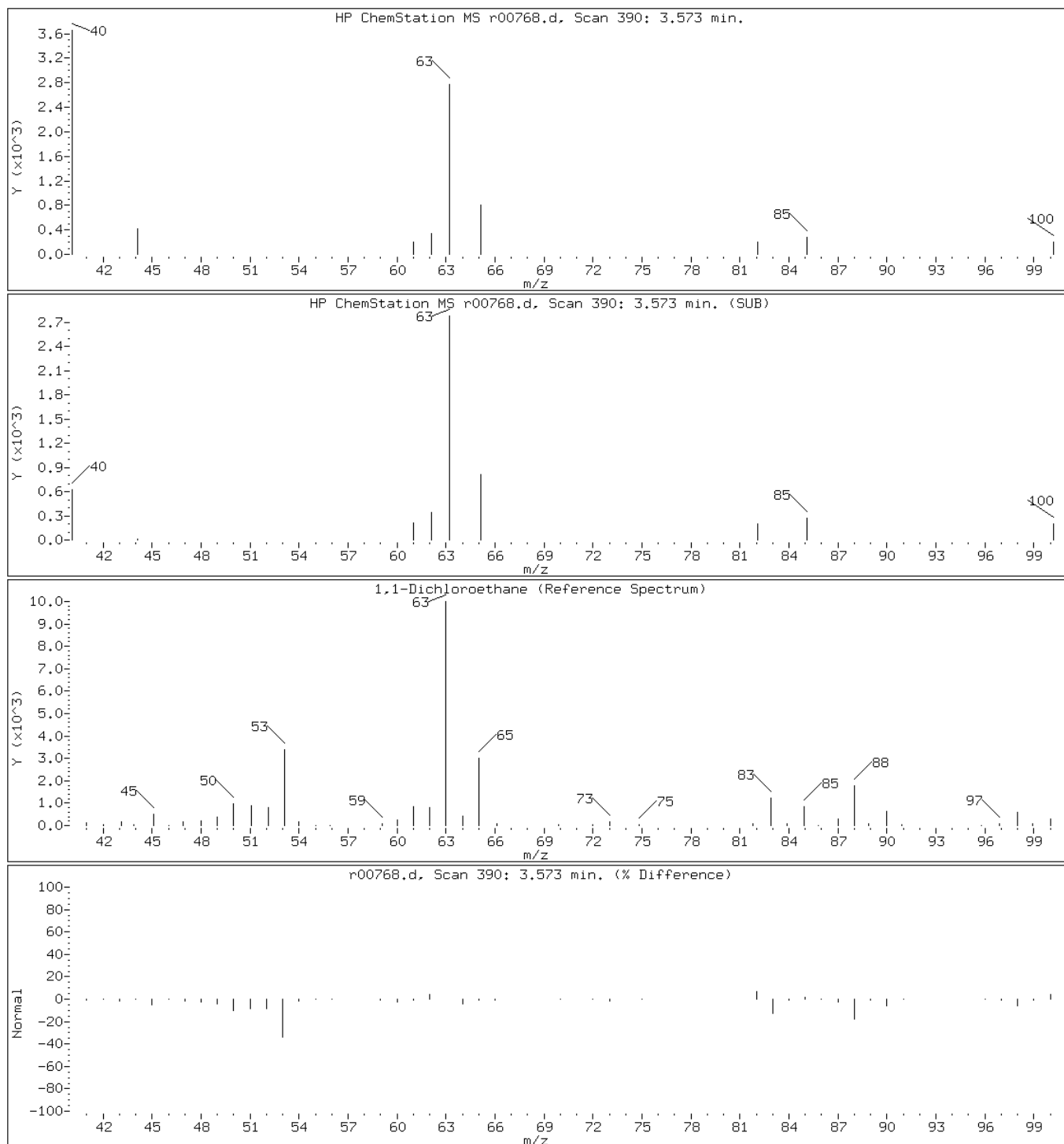
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

30 1,1-Dichloroethane



Data File: r00768.d

Date: 05-APR-2013 16:25

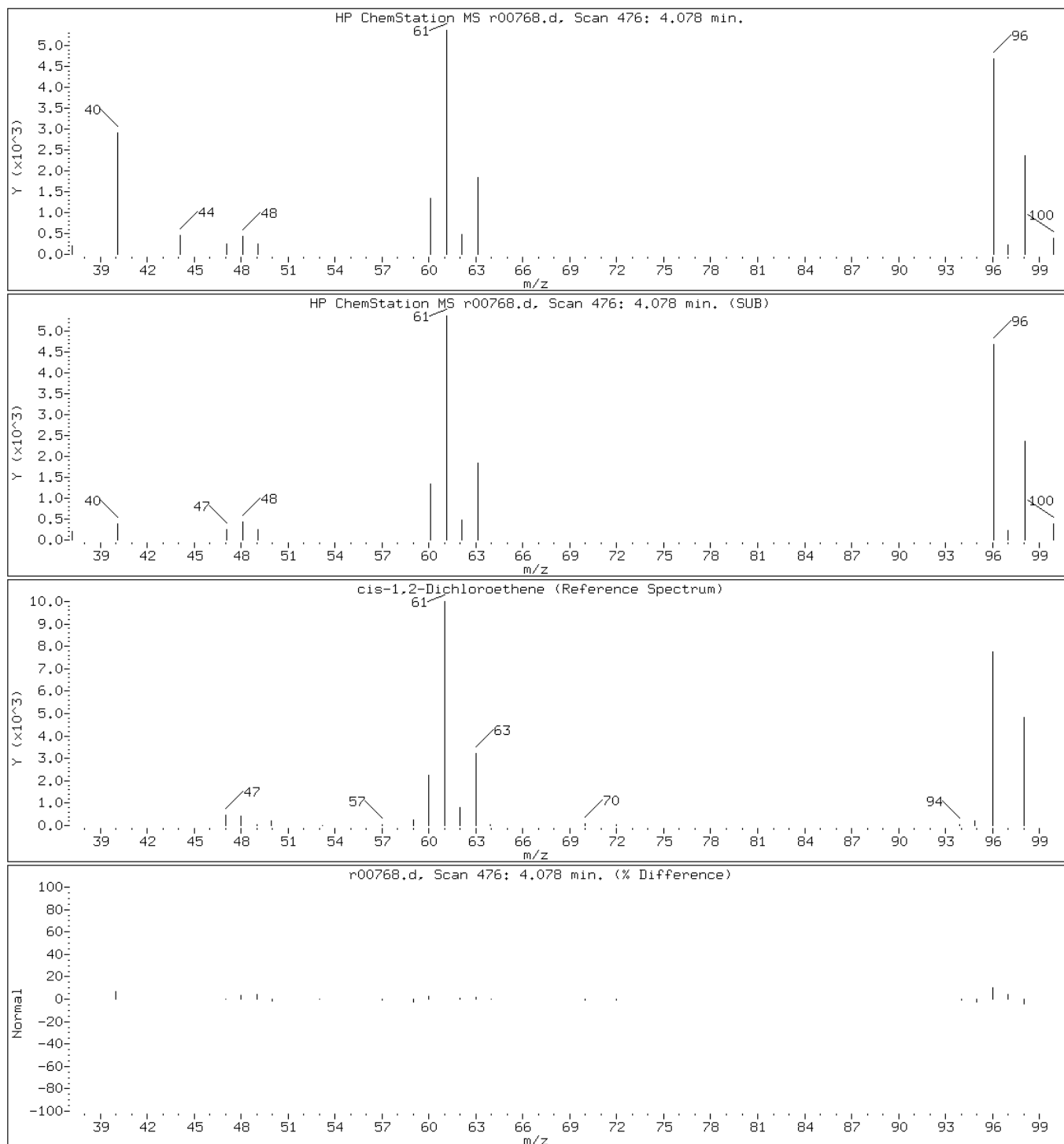
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

36 cis-1,2-Dichloroethene



Data File: r00768.d

Date: 05-APR-2013 16:25

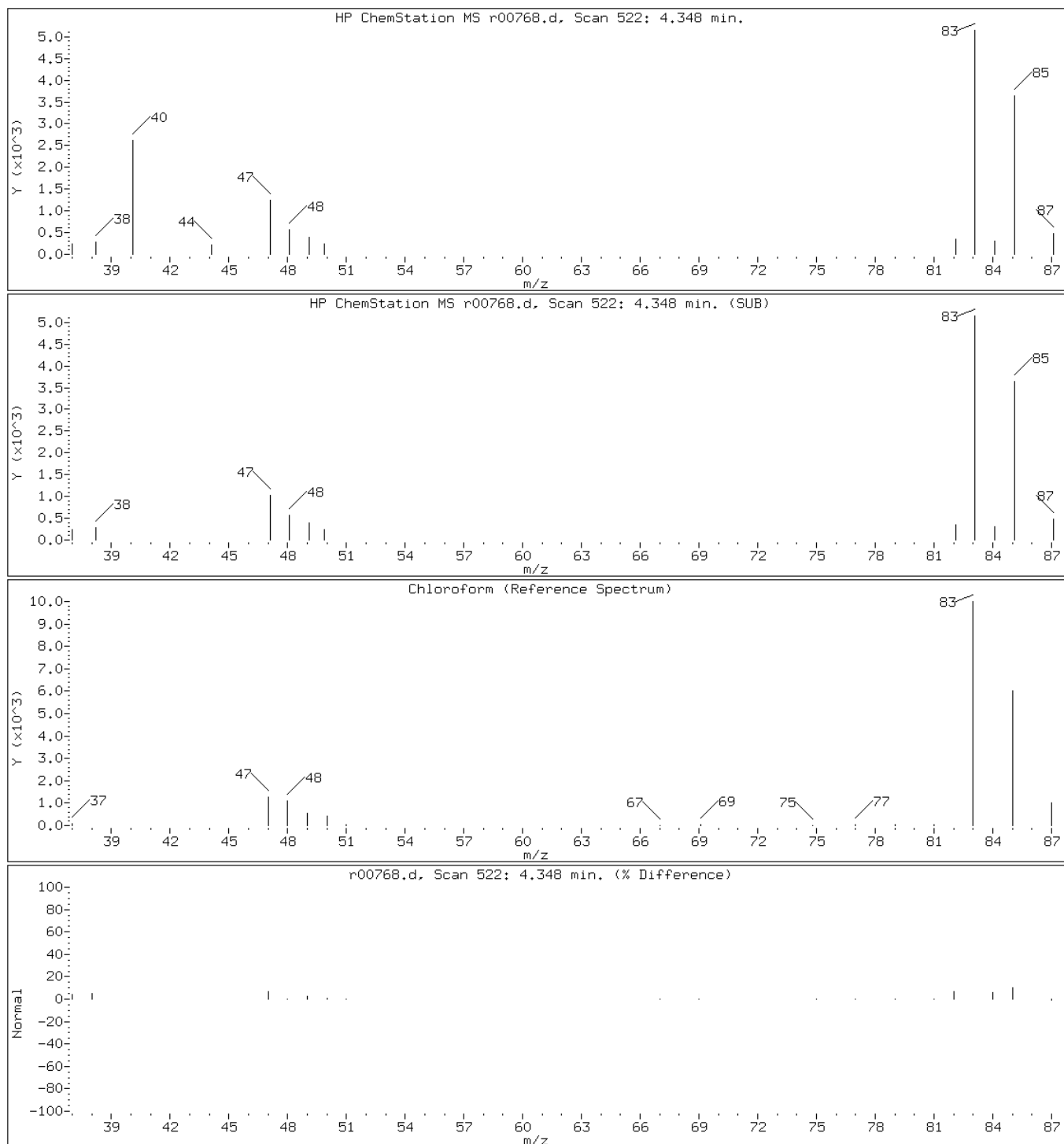
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

42 Chloroform



Data File: r00768.d

Date: 05-APR-2013 16:25

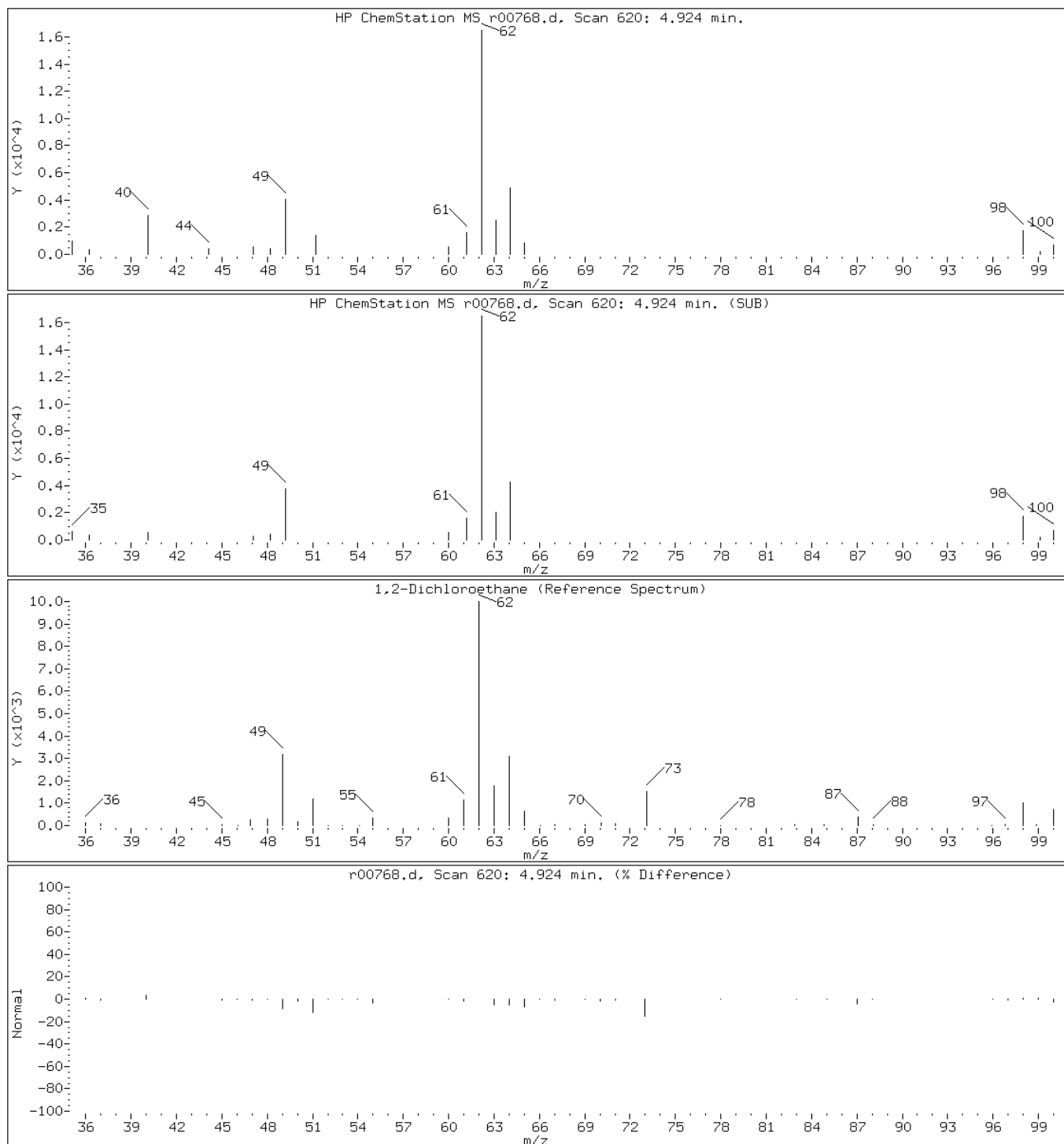
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

49 1,2-Dichloroethane



Data File: r00768.d

Date: 05-APR-2013 16:25

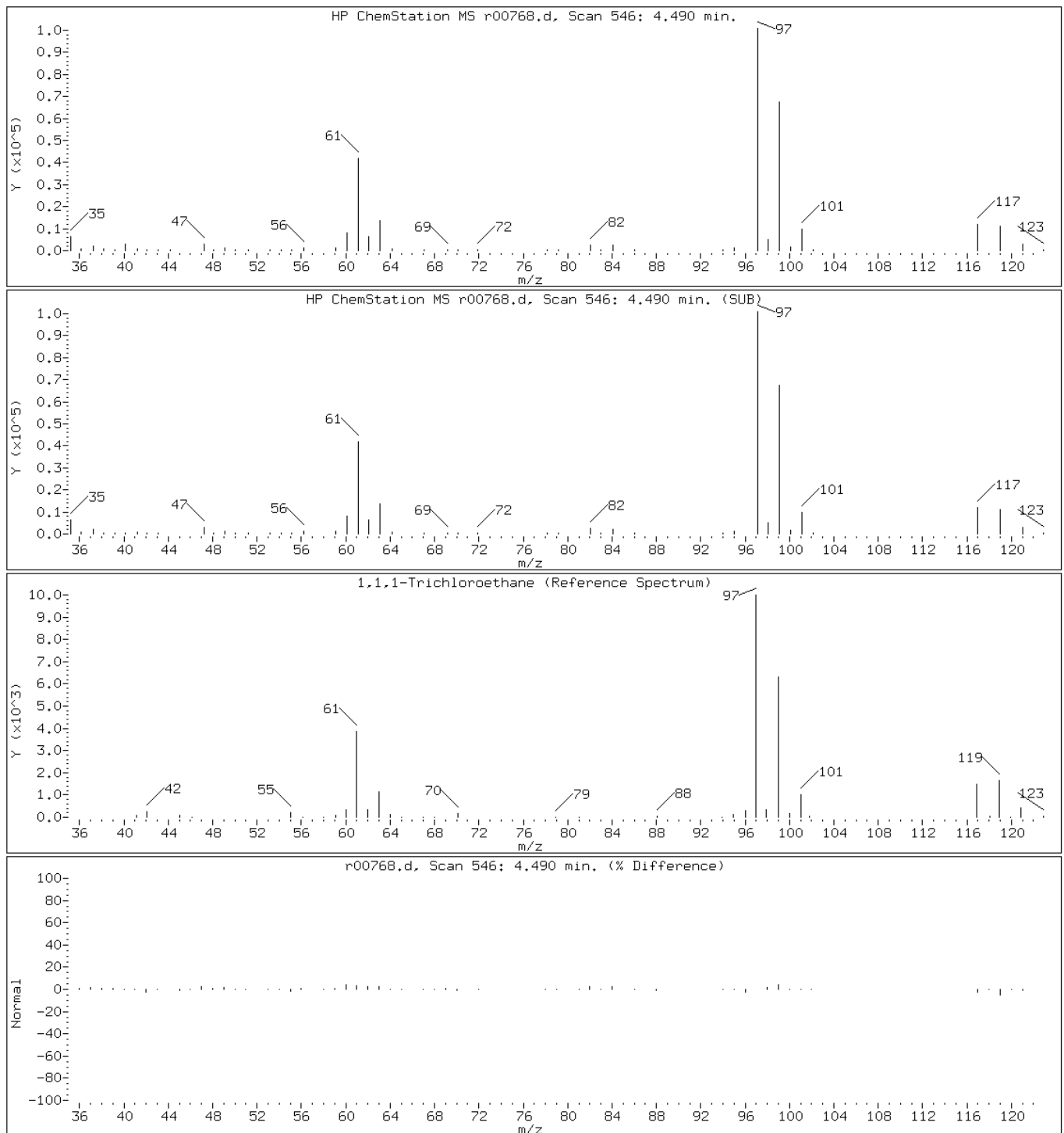
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

43 1,1,1-Trichloroethane



Data File: r00768.d

Date: 05-APR-2013 16:25

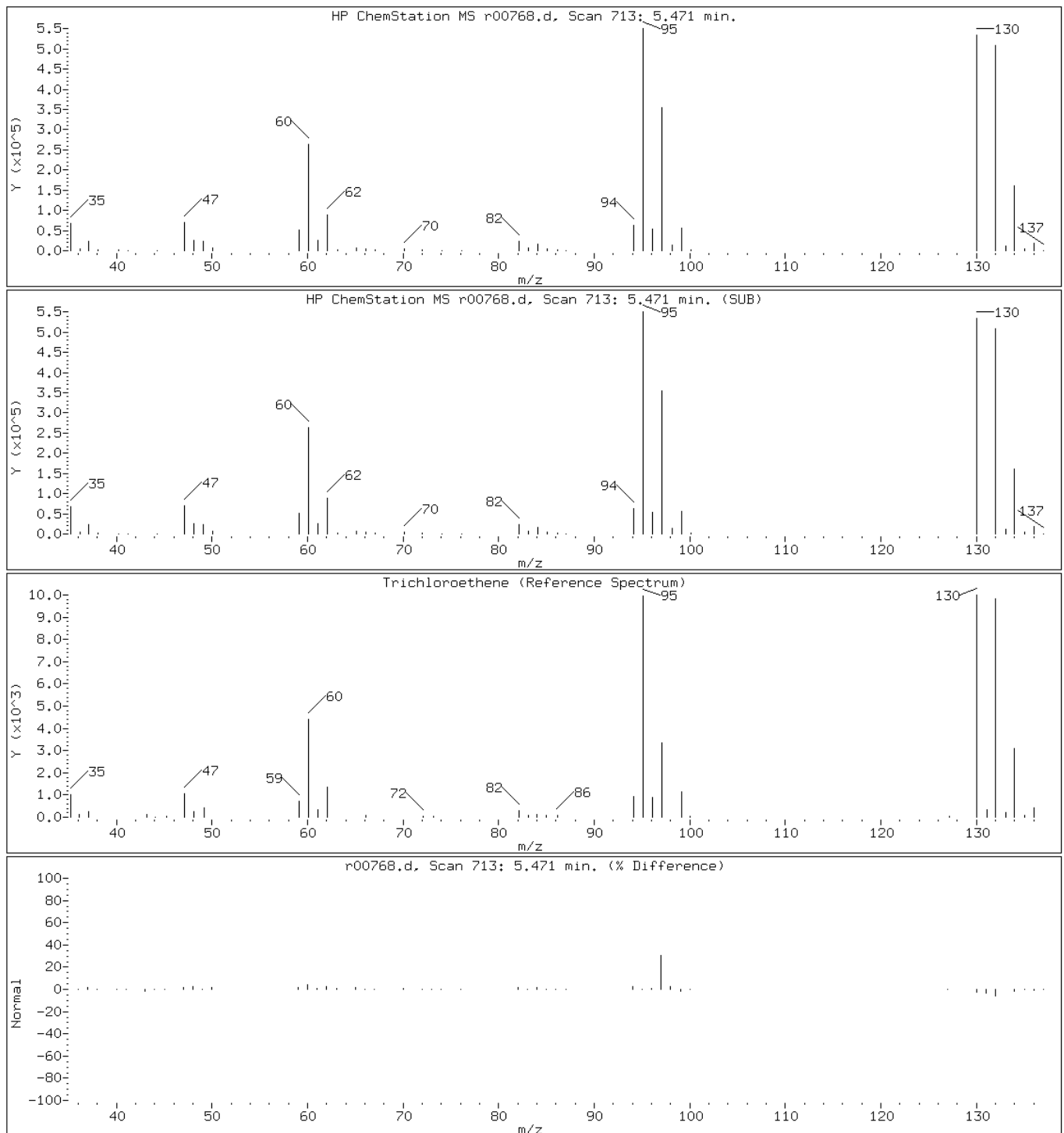
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

54 Trichloroethene



Data File: r00768.d

Date: 05-APR-2013 16:25

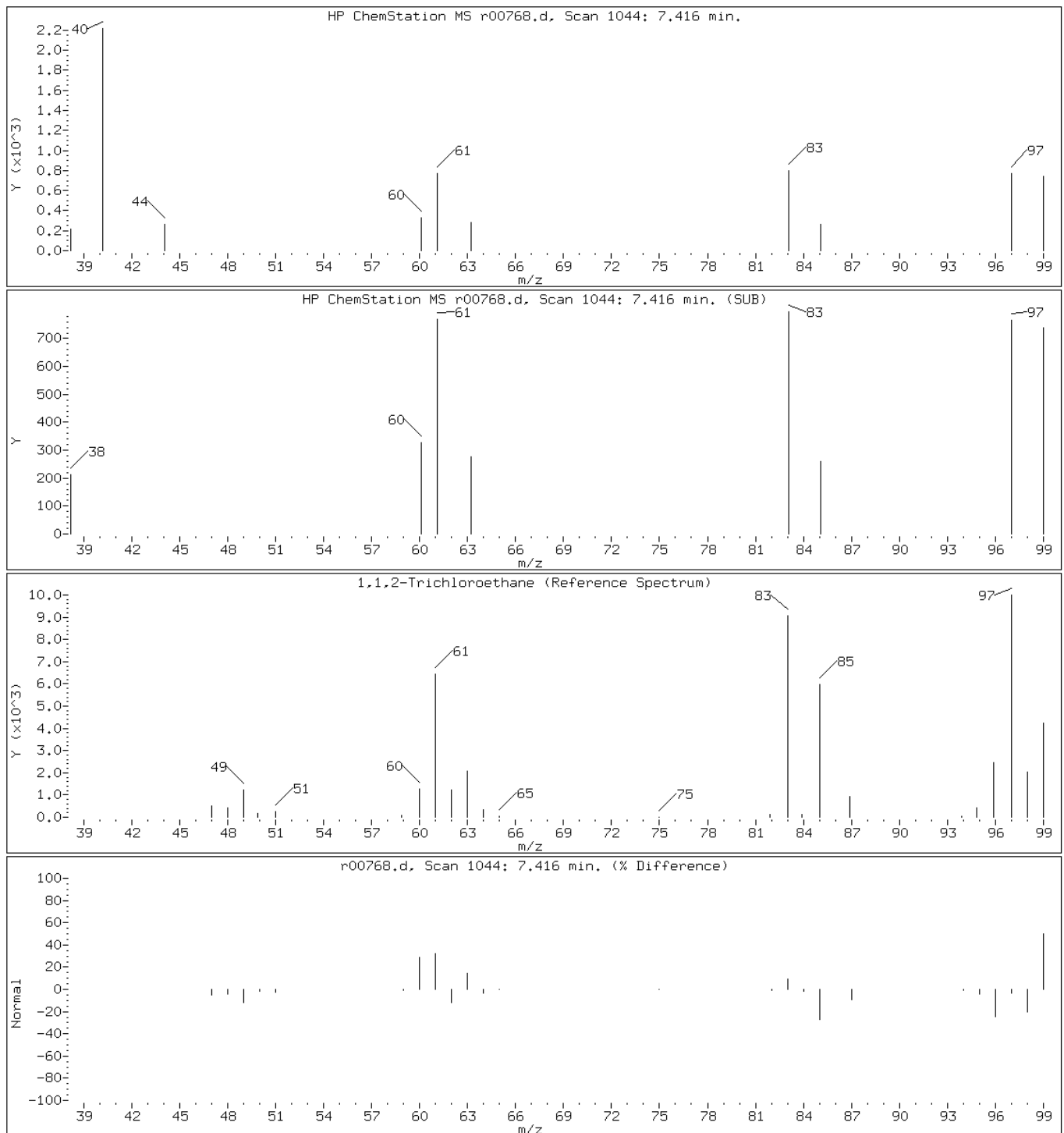
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Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

69 1,1,2-Trichloroethane



Data File: r00768.d

Date: 05-APR-2013 16:25

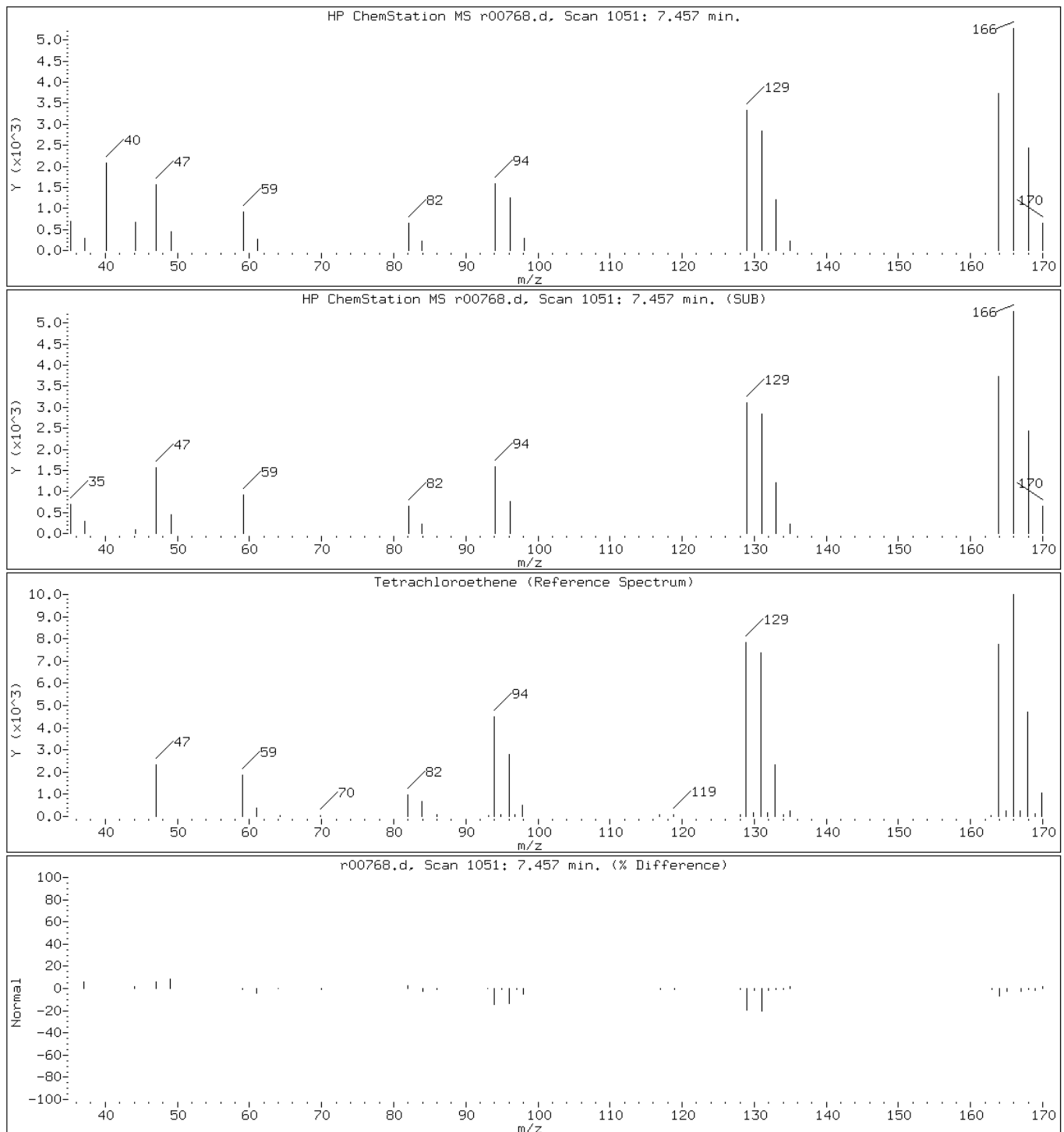
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

71 Tetrachloroethene



Data File: r00768.d

Date: 05-APR-2013 16:25

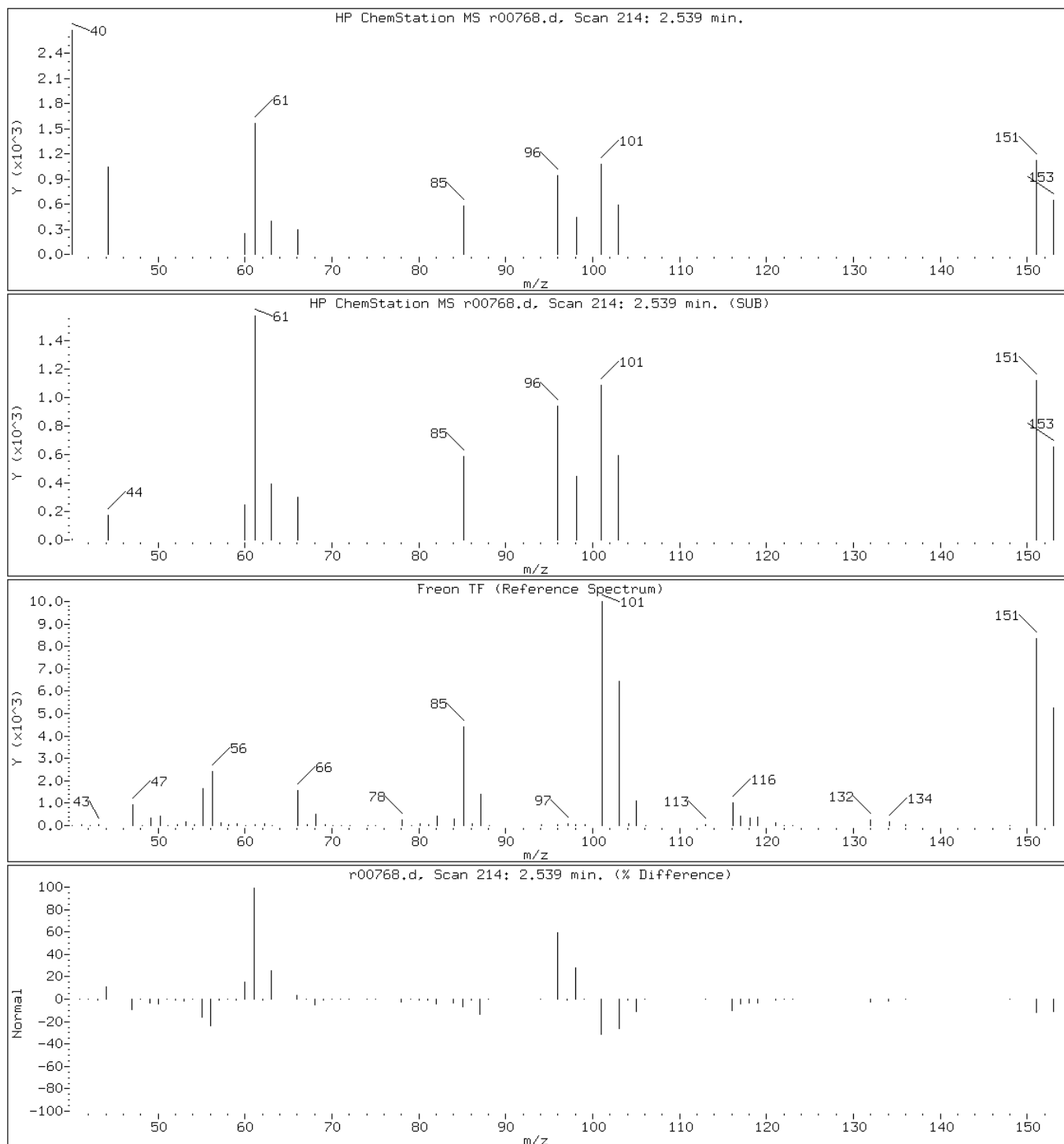
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

14 Freon TF



Data File: r00768.d

Date: 05-APR-2013 16:25

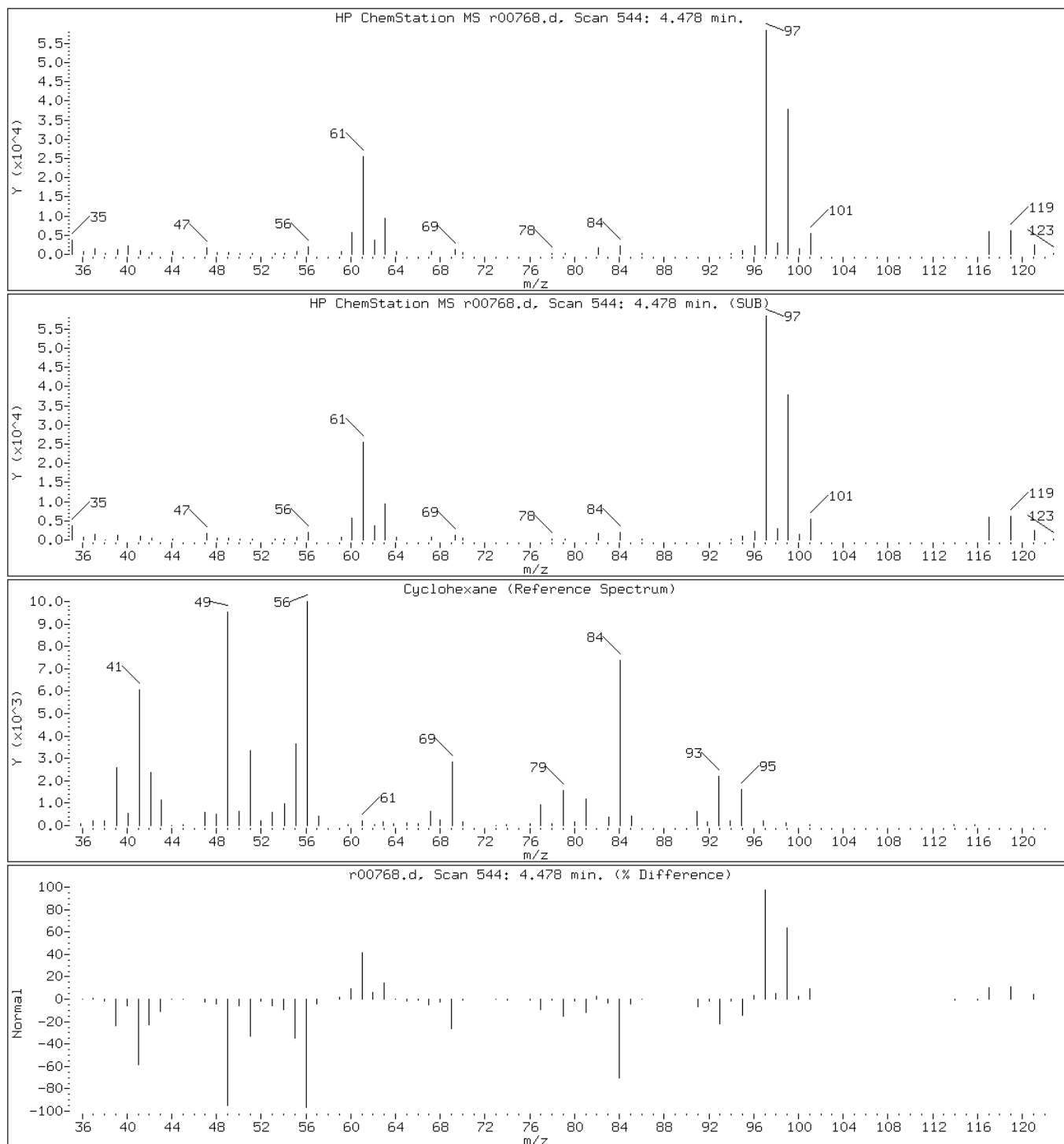
Client ID: EW14D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-32

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: LF02-CP-00-032813 Lab Sample ID: 460-53245-33

Matrix: Water Lab File ID: r00780.d

Analysis Method: 8260B Date Collected: 03/26/2013 08:10

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 22:27

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	0.20	J	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	0.39	J	1.0	0.18
67-64-1	Acetone	13		5.0	2.7
75-15-0	Carbon disulfide	0.22	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.24	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	3.6		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	0.29	J	1.0	0.15
108-90-7	Chlorobenzene	4.5		1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	1.4	J	2.0	0.25
95-47-6	o-Xylene	0.94	J	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: LF02-CP-00-032813 Lab Sample ID: 460-53245-33
 Matrix: Water Lab File ID: r00780.d
 Analysis Method: 8260B Date Collected: 03/26/2013 08:10
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 22:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	4.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.8		1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	4.2		1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00780.d
 Report Date: 06-Apr-2013 08:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00780.d
 Lab Smp Id: 460-53245-C-33 Client Smp ID: LF02-CP-00-032813
 Inj Date : 05-APR-2013 22:27
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-33
 Misc Info : 460-53245-C-33
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 30
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====		====	==	=====	=====	=====	=====	=====
4 Vinyl Chloride		62	1.605	1.605	(0.313)	597	0.20206	0.20(a)
11 Ethyl Ether		59	2.374	2.374	(0.463)	2087	0.87572	0.88(a)
16 Acetone		58	2.656	2.656	(0.518)	4657	12.9624	13
18 Carbon Disulfide		76	2.739	2.739	(0.534)	2270	0.21557	0.22(a)
22 Methylene Chloride		84	2.997	2.997	(0.585)	1403	0.39230	0.39(a)
36 cis-1,2-Dichloroethene		96	4.084	4.078	(0.797)	939	0.24212	0.24(a)
41 Tetrahydrofuran		42	4.307	4.301	(0.841)	9815	8.74532	8.7
48 Benzene		78	4.836	4.836	(0.566)	46541	3.55760	3.6(H)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.854	(0.947)	161606	62.1619	62
* 52 Fluorobenzene		96	5.124	5.118	(1.000)	562805	50.0000	
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775	(0.792)	360731	47.7586	48
66 Toluene		91	6.857	6.851	(0.802)	4101	0.28876	0.29(a)
* 78 Chlorobenzene-d5		117	8.550	8.550	(1.000)	388734	50.0000	
79 Chlorobenzene		112	8.585	8.585	(1.004)	42516	4.50375	4.5
82 m+p-Xylene		106	8.861	8.855	(1.036)	9225	1.42424	1.4
84 o-Xylene		106	9.343	9.343	(1.093)	6072	0.93689	0.94(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00780.d
 Report Date: 06-Apr-2013 08:05

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	====	==	=====	=====	=====	=====	=====	
88 Isopropylbenzene	105	9.713	9.713	(1.136)	67857	4.18974	4.2	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	161362	47.3467	47	
95 n-Propylbenzene	91	10.083	10.083	(0.934)	101808	4.75315	4.8	
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	8491	0.51833	0.52	
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	20937	1.38446	1.4	
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	5054	0.25126	0.25(a)	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	229568	50.0000		
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	37581	4.16047	4.2	
171 Indan	117	10.958	10.958	(2.139)	108032	7.02348	7.0	
106 n-Butylbenzene	91	11.017	11.017	(1.021)	4281	0.21750	0.22(a)	
111 1,2-Dichlorobenzene	146	11.064	11.058	(1.025)	15151	1.75095	1.8	
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.523	(2.250)	11308	0.67966	0.68	
116 Naphthalene	128	12.410	12.410	(1.150)	8477	0.45266	0.45(a)	
M 121 Xylene (Total)	100				15297	2.36113	2.4(a)	

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00780.d

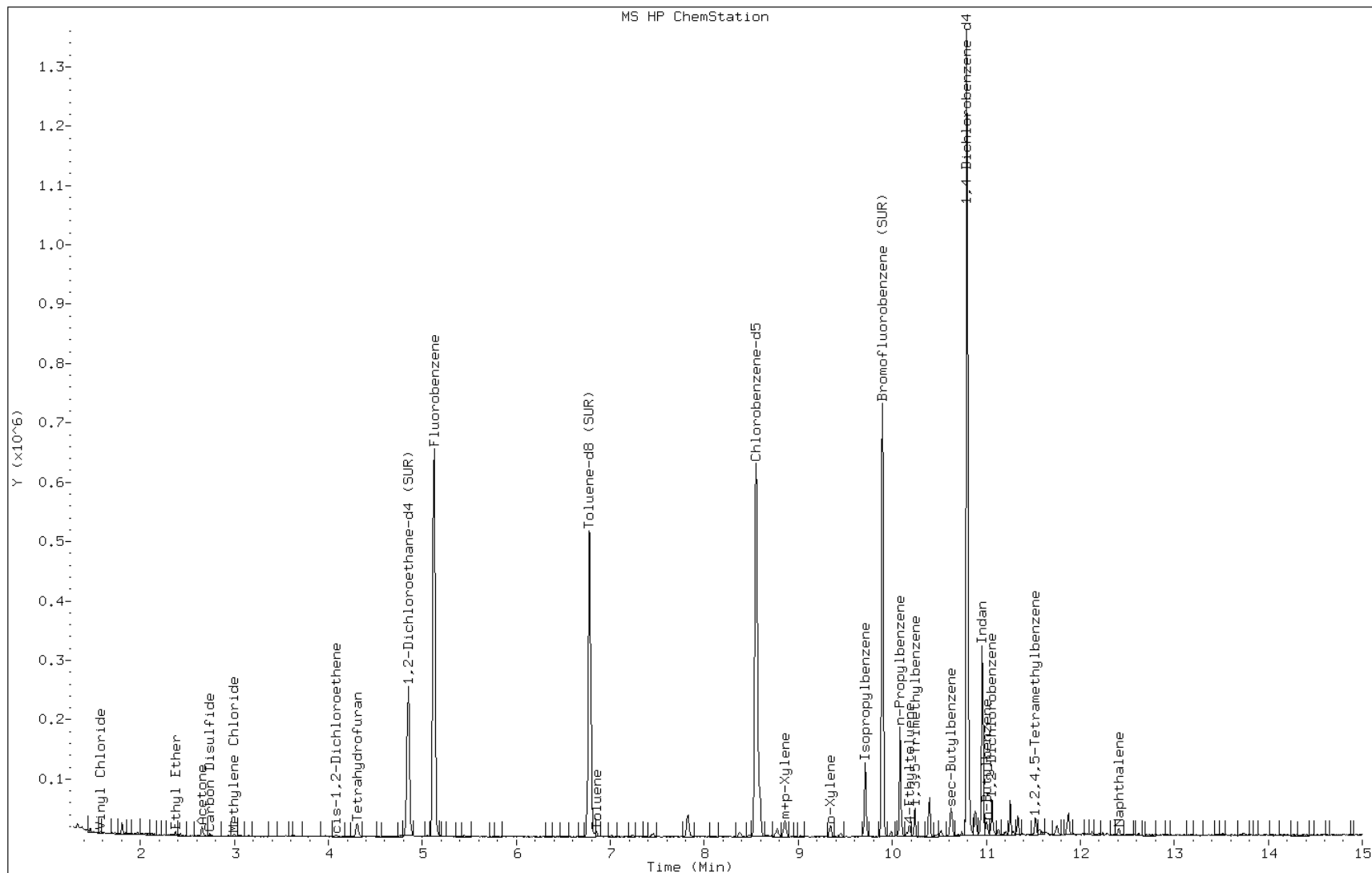
Date: 05-APR-2013 22:27

Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:



Data File: r00780.d

Date: 05-APR-2013 22:27

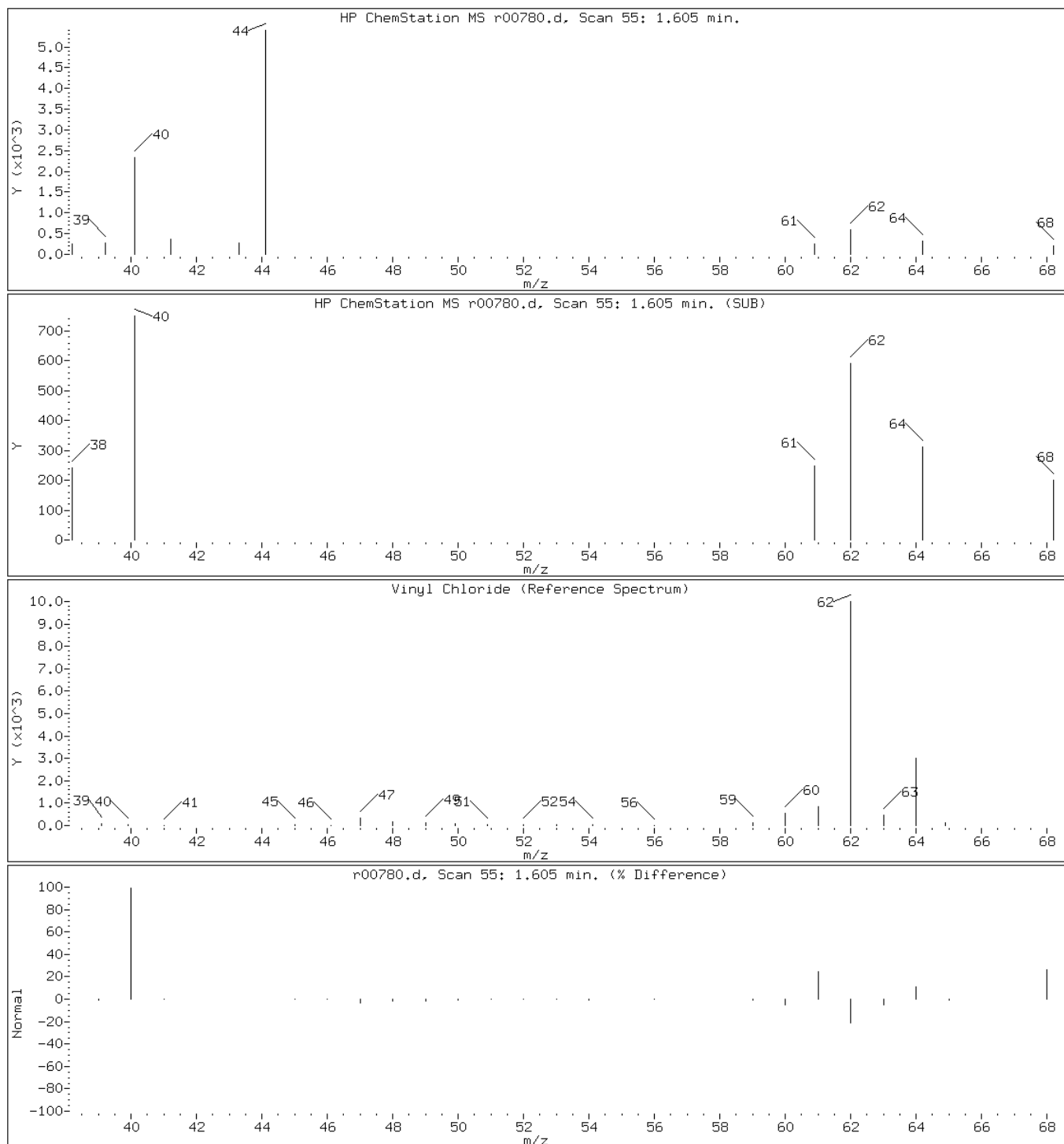
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

4 Vinyl Chloride



Data File: r00780.d

Date: 05-APR-2013 22:27

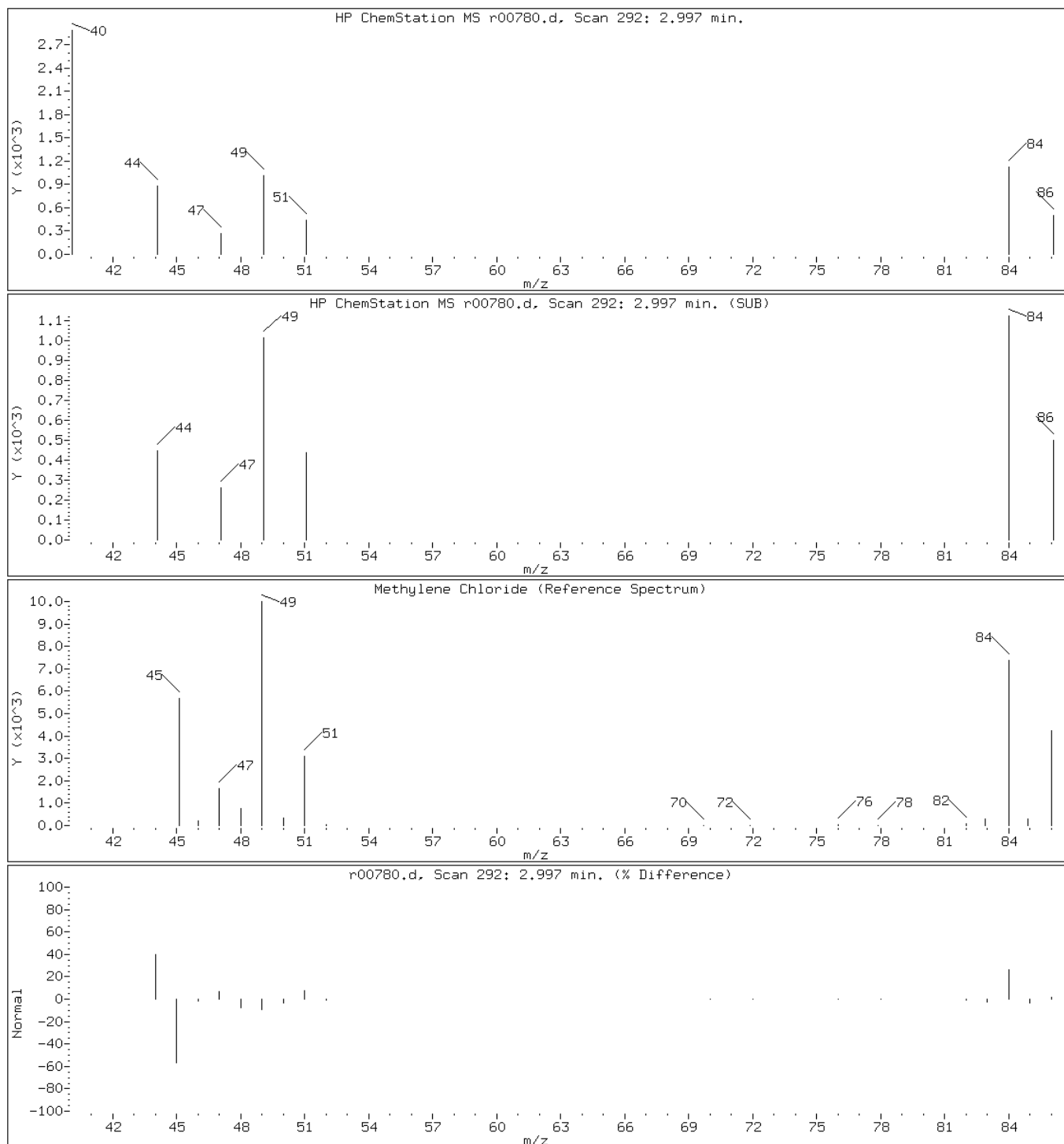
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

22 Methylene Chloride



Data File: r00780.d

Date: 05-APR-2013 22:27

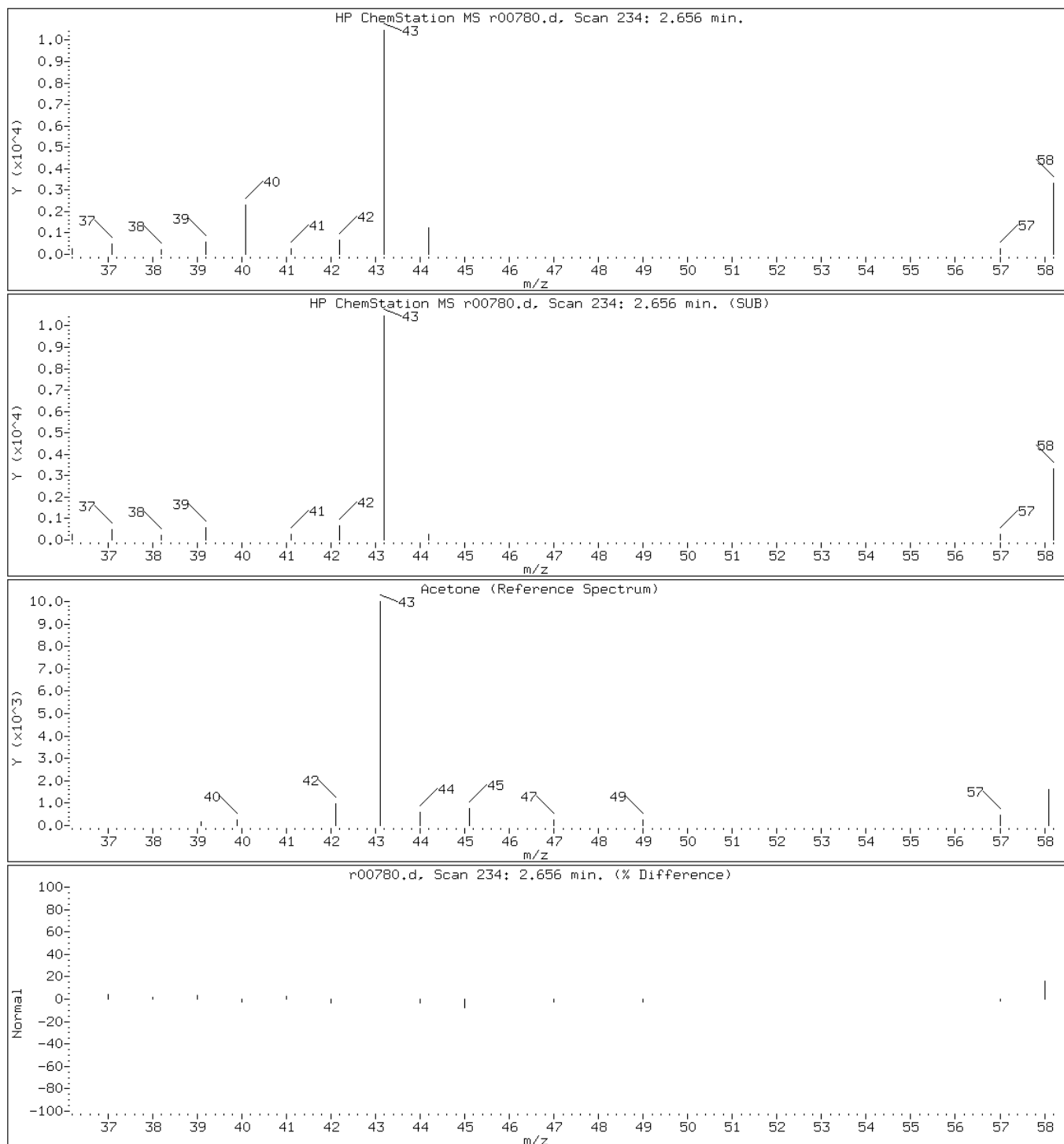
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

16 Acetone



Data File: r00780.d

Date: 05-APR-2013 22:27

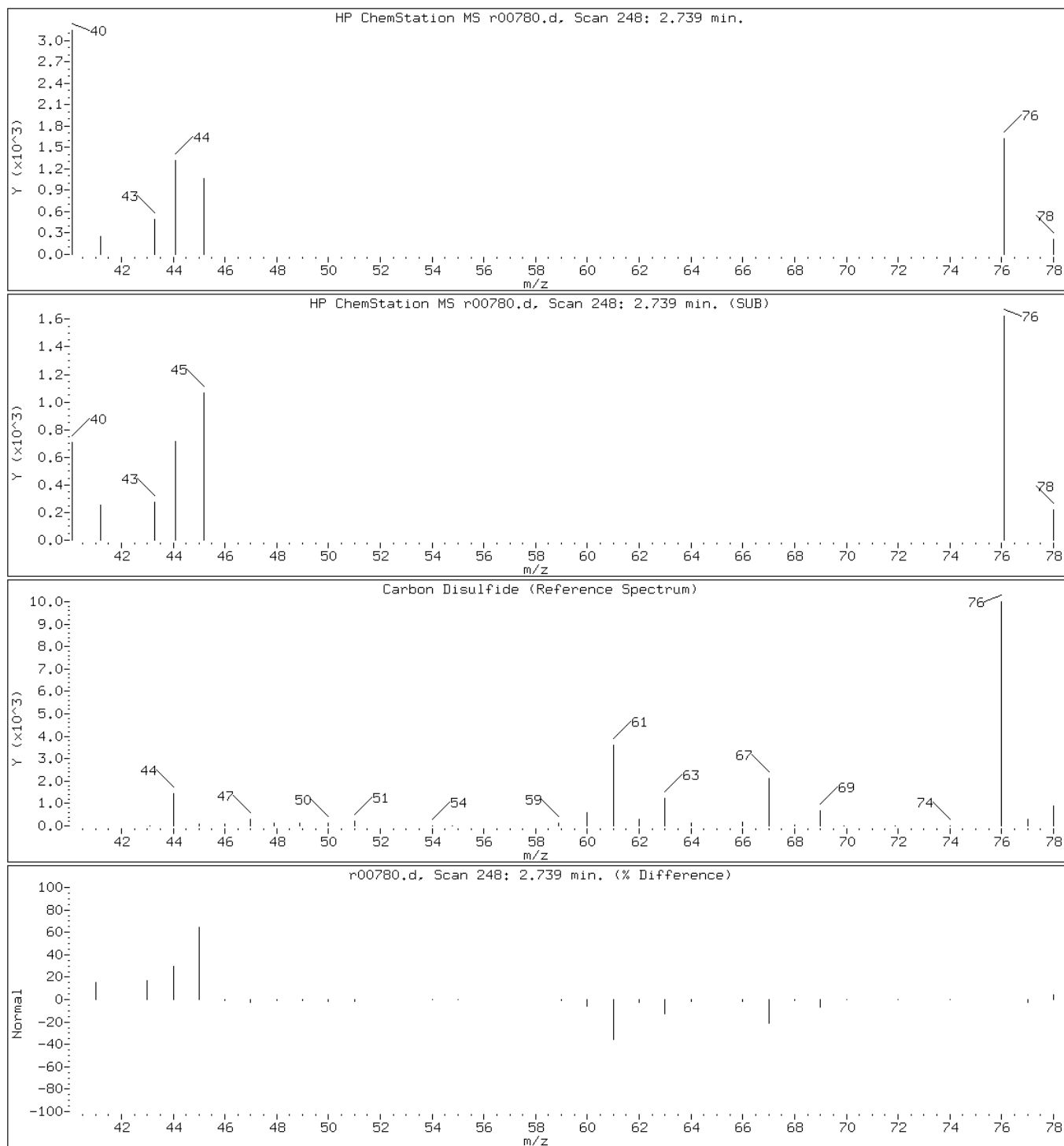
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

18 Carbon Disulfide



Data File: r00780.d

Date: 05-APR-2013 22:27

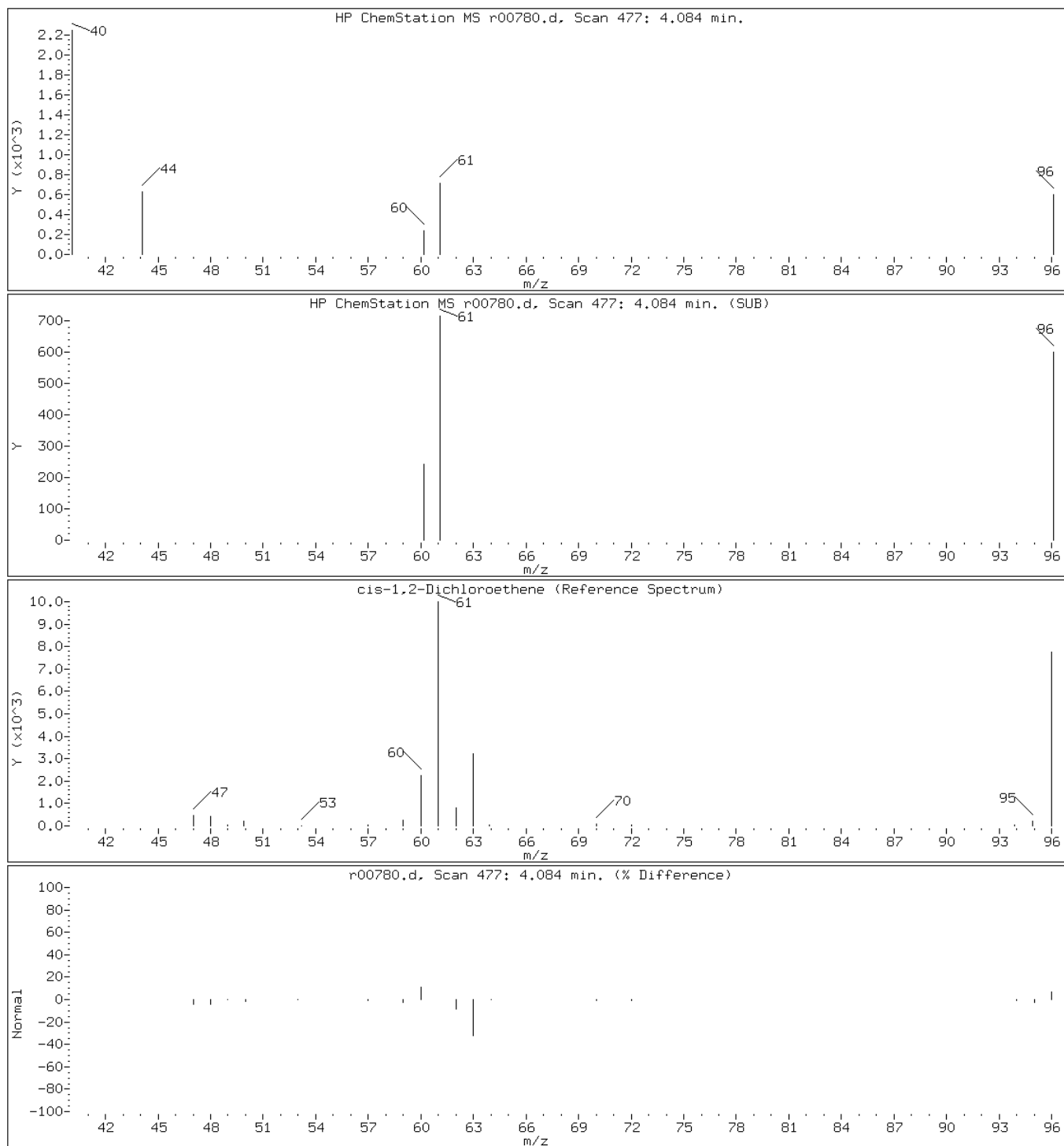
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

36 cis-1,2-Dichloroethene



Data File: r00780.d

Date: 05-APR-2013 22:27

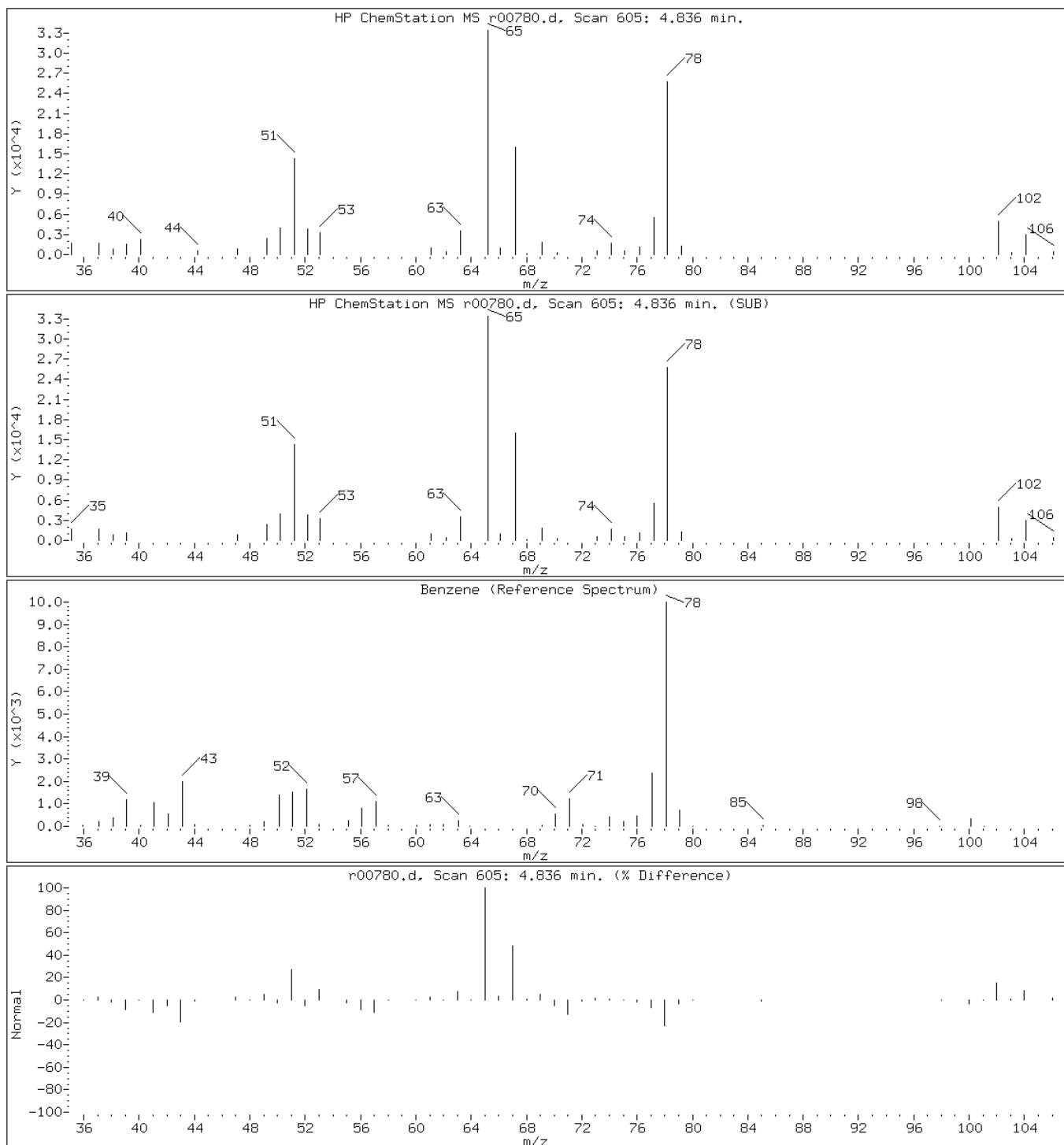
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

48 Benzene



Data File: r00780.d

Date: 05-APR-2013 22:27

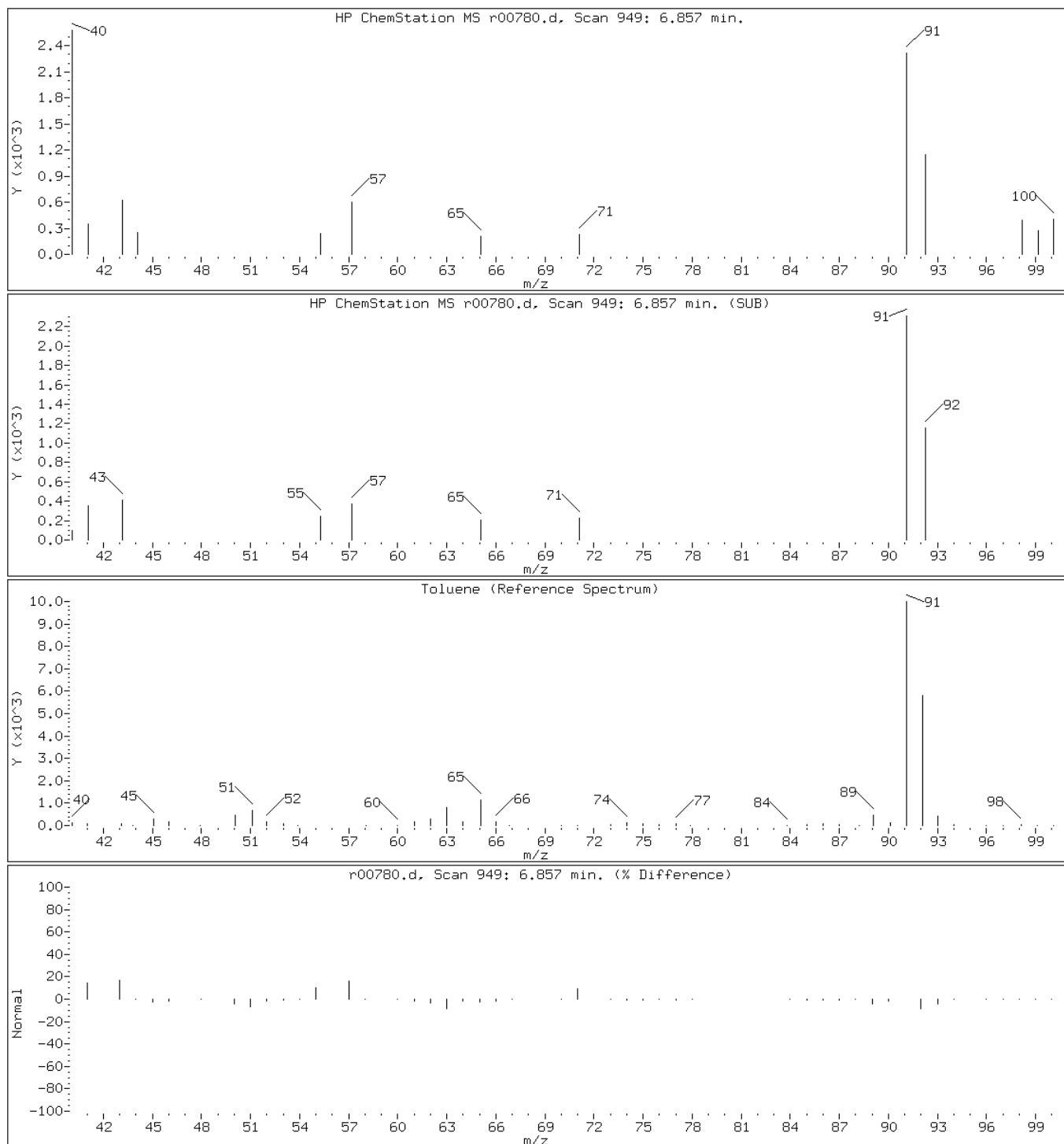
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

66 Toluene



Data File: r00780.d

Date: 05-APR-2013 22:27

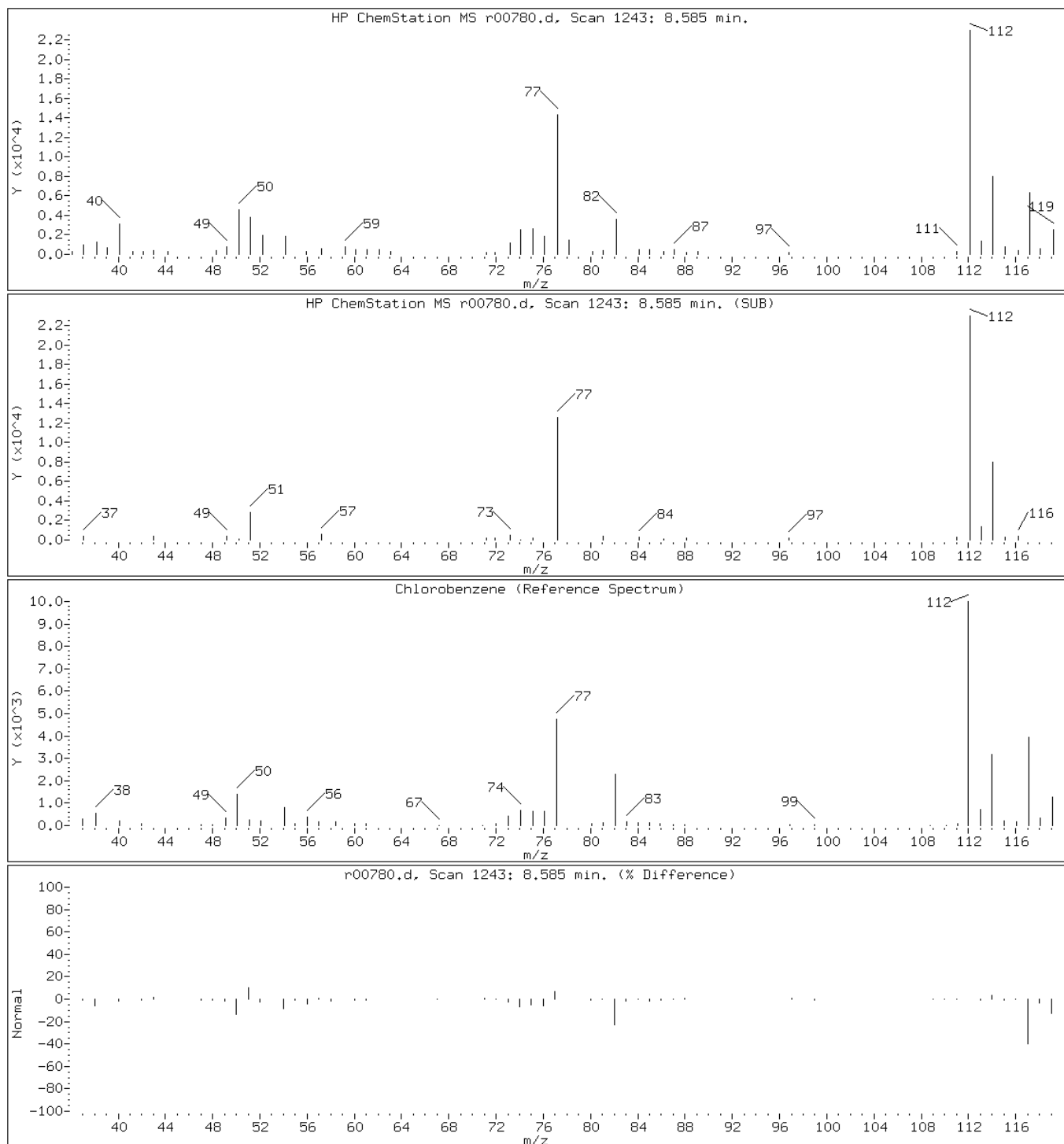
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

79 Chlorobenzene



Data File: r00780.d

Date: 05-APR-2013 22:27

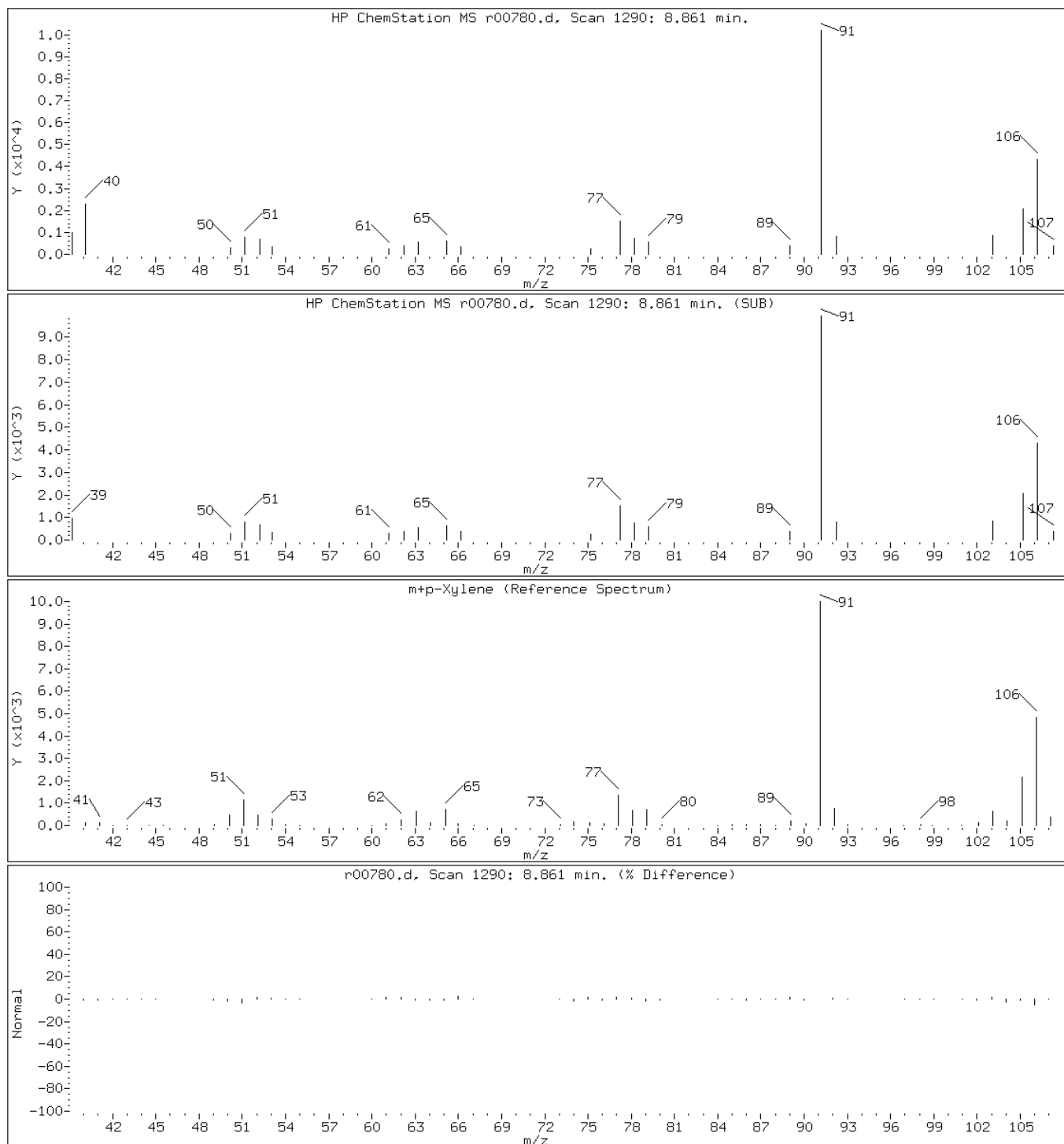
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

82 m+p-Xylene



Data File: r00780.d

Date: 05-APR-2013 22:27

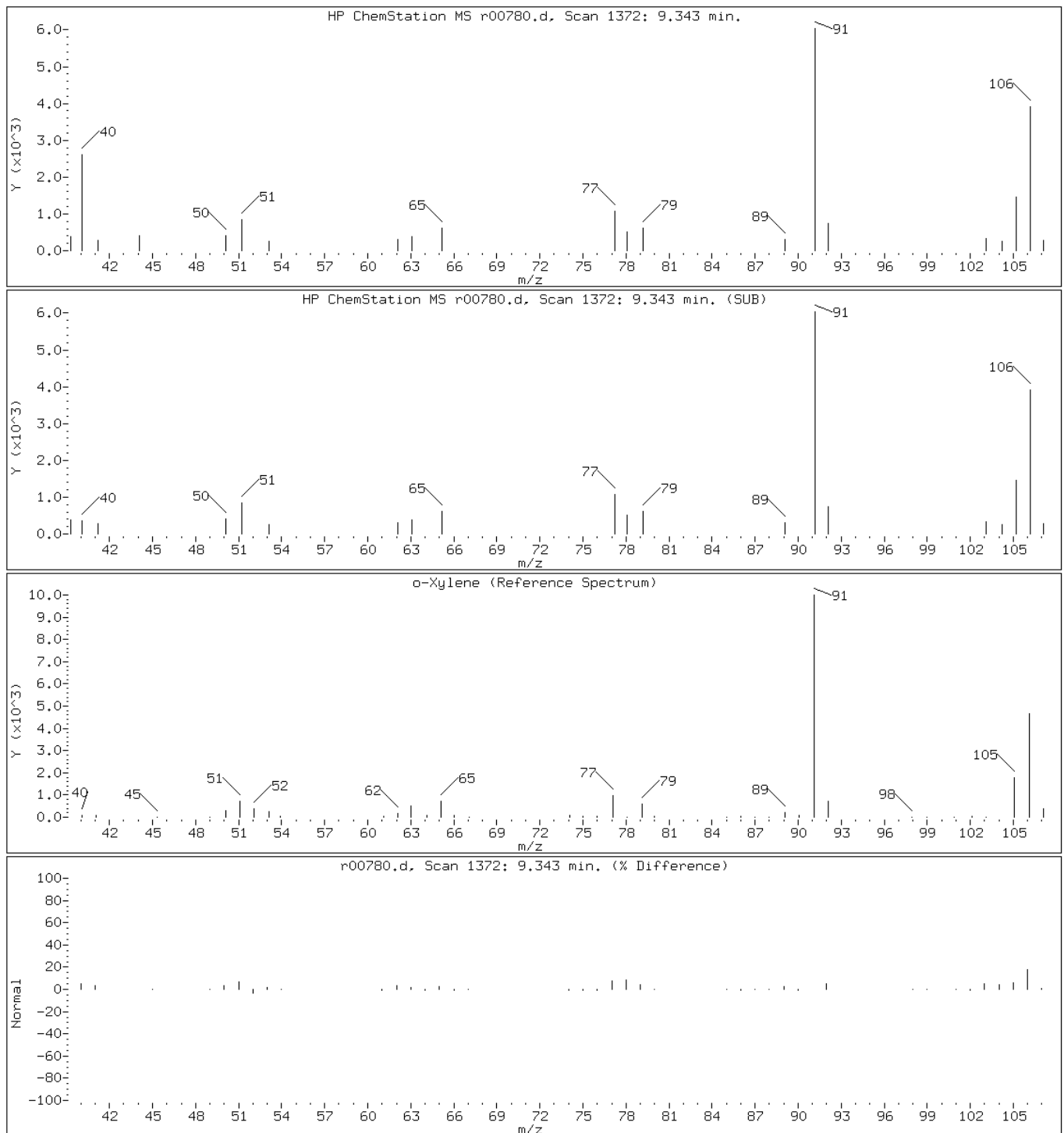
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

84 o-Xylene



Data File: r00780.d

Date: 05-APR-2013 22:27

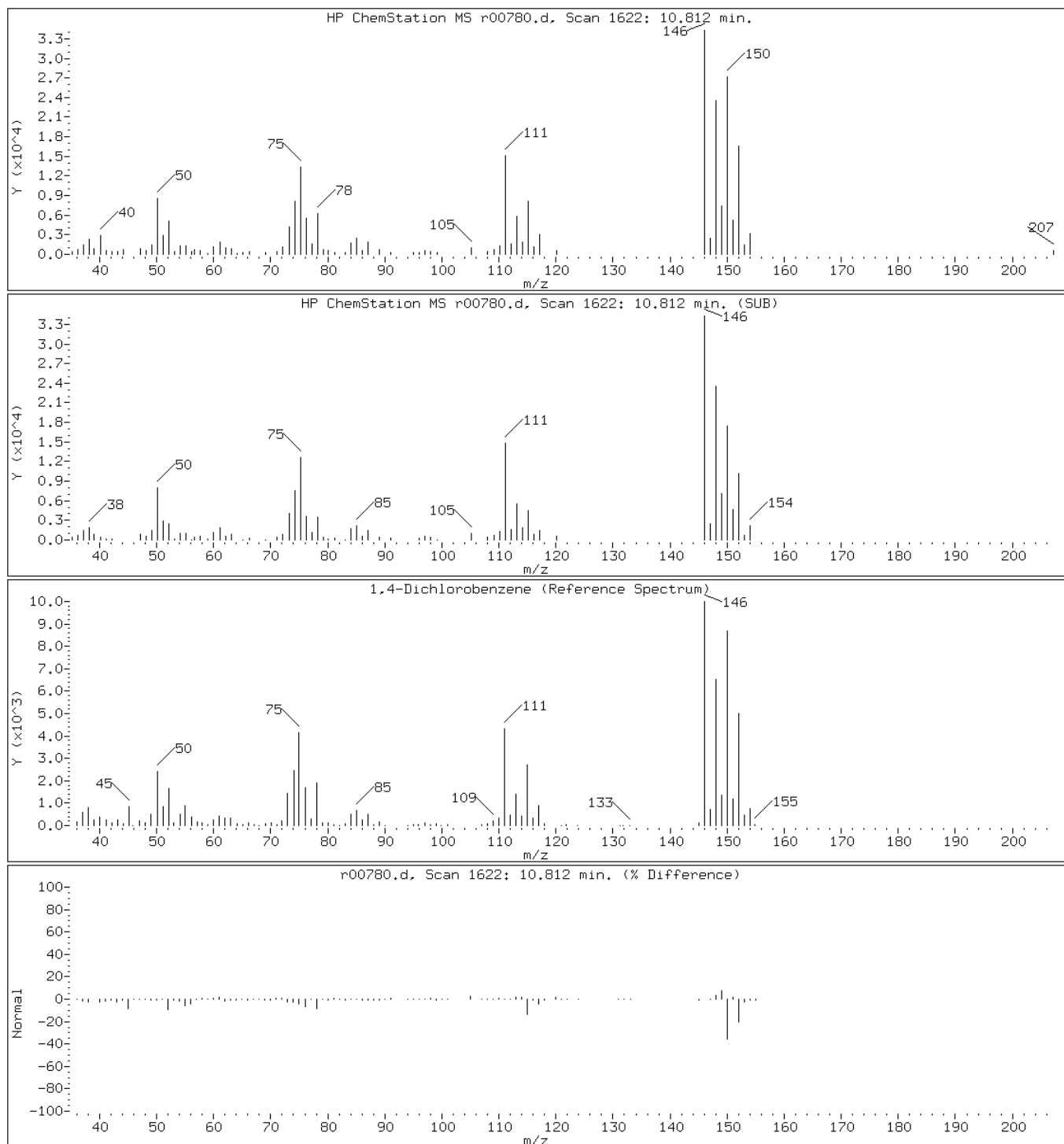
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

109 1,4-Dichlorobenzene



Data File: r00780.d

Date: 05-APR-2013 22:27

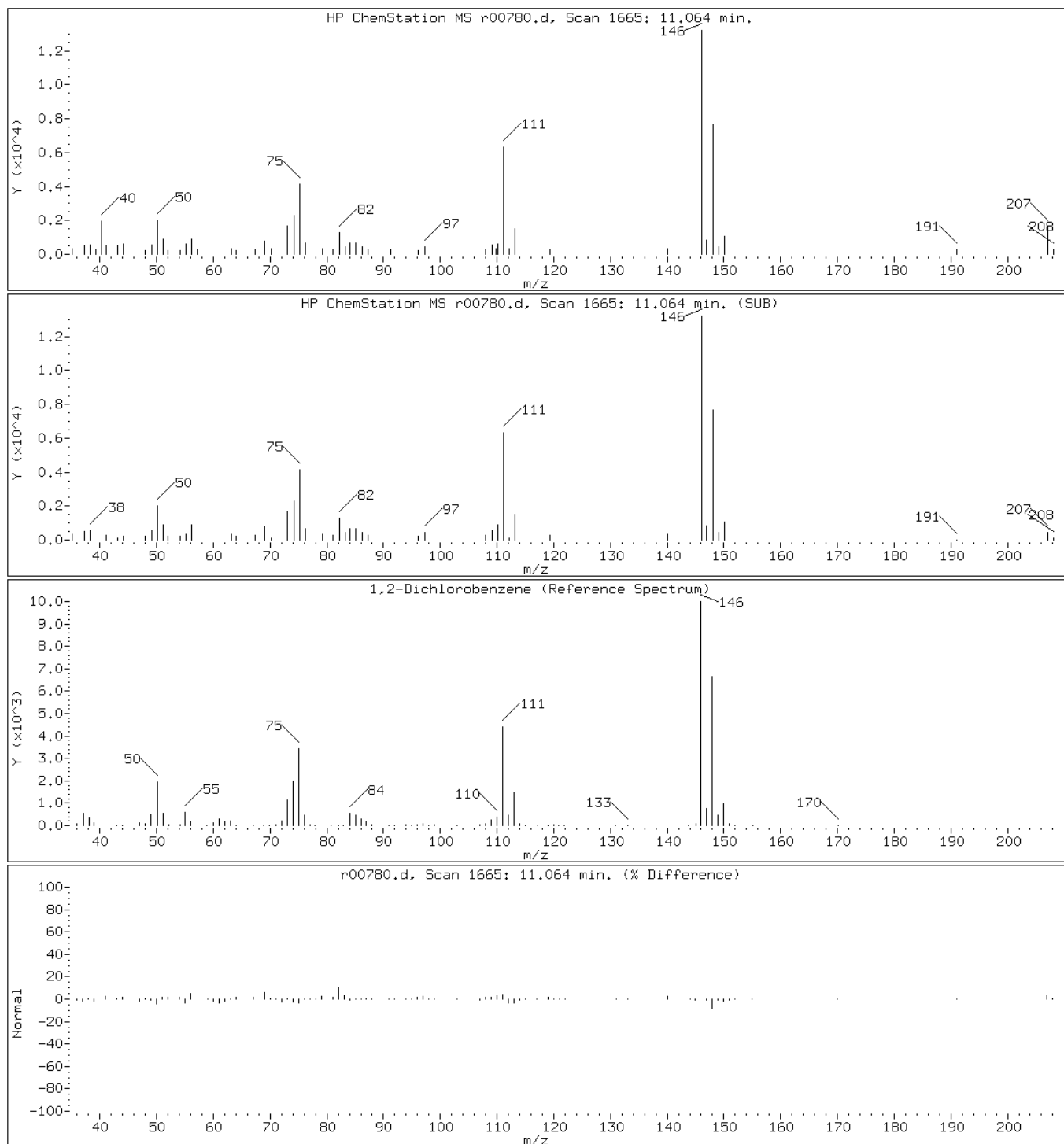
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

111 1,2-Dichlorobenzene



Data File: r00780.d

Date: 05-APR-2013 22:27

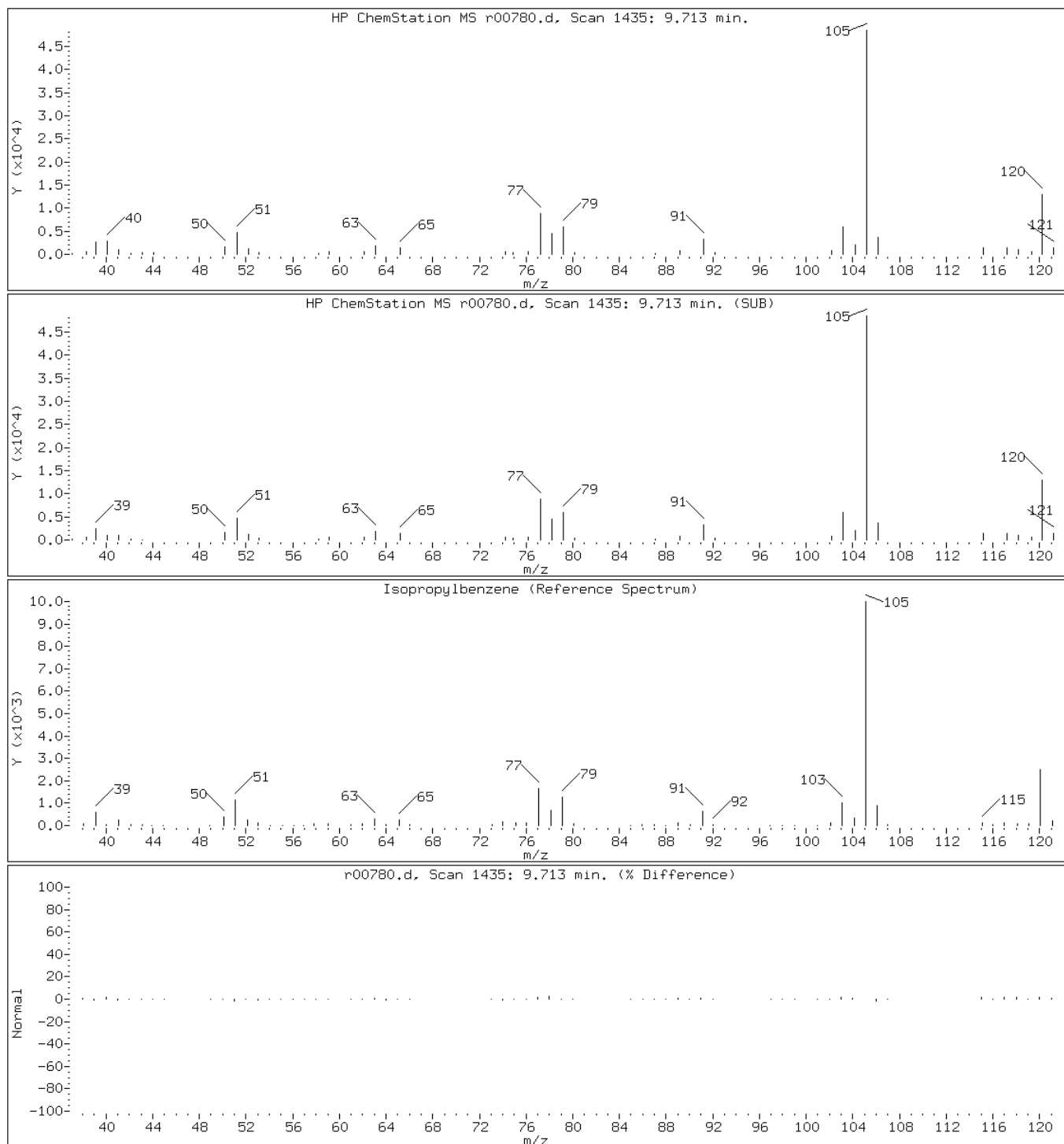
Client ID: LF02-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-33

Operator:

88 Isopropylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW06D-CP-00-032813 Lab Sample ID: 460-53245-34

Matrix: Water Lab File ID: r00781.d

Analysis Method: 8260B Date Collected: 03/25/2013 13:43

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 22:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	0.42	J	1.0	0.18
67-64-1	Acetone	10		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.41	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	0.25	J	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	0.45	J	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW06D-CP-00-032813 Lab Sample ID: 460-53245-34
 Matrix: Water Lab File ID: r00781.d
 Analysis Method: 8260B Date Collected: 03/25/2013 13:43
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 22:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	2.6		1.0	0.14
110-82-7	Cyclohexane	1.2		1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.66	J	1.0	0.23
95-50-1	1,2-Dichlorobenzene	0.34	J	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00781.d
 Report Date: 06-Apr-2013 08:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00781.d
 Lab Smp Id: 460-53245-C-34 Client Smp ID: MW06D-CP-00-032813
 Inj Date : 05-APR-2013 22:52
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-34
 Misc Info : 460-53245-C-34
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 31
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
11 Ethyl Ether	59	2.374	2.374 (0.463)		894		0.38617	0.39(a)
16 Acetone	58	2.662	2.656 (0.520)		3512		10.0631	10
22 Methylene Chloride	84	2.991	2.997 (0.584)		1468		0.42255	0.42(a)
28 MTBE	73	3.162	3.156 (0.617)		27633		2.57286	2.6
30 1,1-Dichloroethane	63	3.573	3.567 (0.697)		2285		0.40639	0.41(a)
41 Tetrahydrofuran	42	4.307	4.301 (0.841)		2360		2.16468	2.2(H)
44 Cyclohexane	56	4.478	4.478 (0.874)		6123		1.15825	1.2
48 Benzene	78	4.842	4.836 (0.566)		3077		0.25017	0.25(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854 (0.947)		154457		61.1603	61
* 52 Fluorobenzene	96	5.124	5.118 (1.000)		546717		50.0000	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775 (0.792)		346012		48.7251	49
* 78 Chlorobenzene-d5	117	8.549	8.550 (1.000)		365476		50.0000	
79 Chlorobenzene	112	8.585	8.585 (1.004)		3973		0.44765	0.45(a)
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895 (0.917)		149651		50.0471	50
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794 (1.000)		201419		50.0000	
109 1,4-Dichlorobenzene	146	10.812	10.812 (1.002)		5232		0.66017	0.66(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00781.d
Report Date: 06-Apr-2013 08:06

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS					ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	2570	0.33851	0.34(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: r00781.d

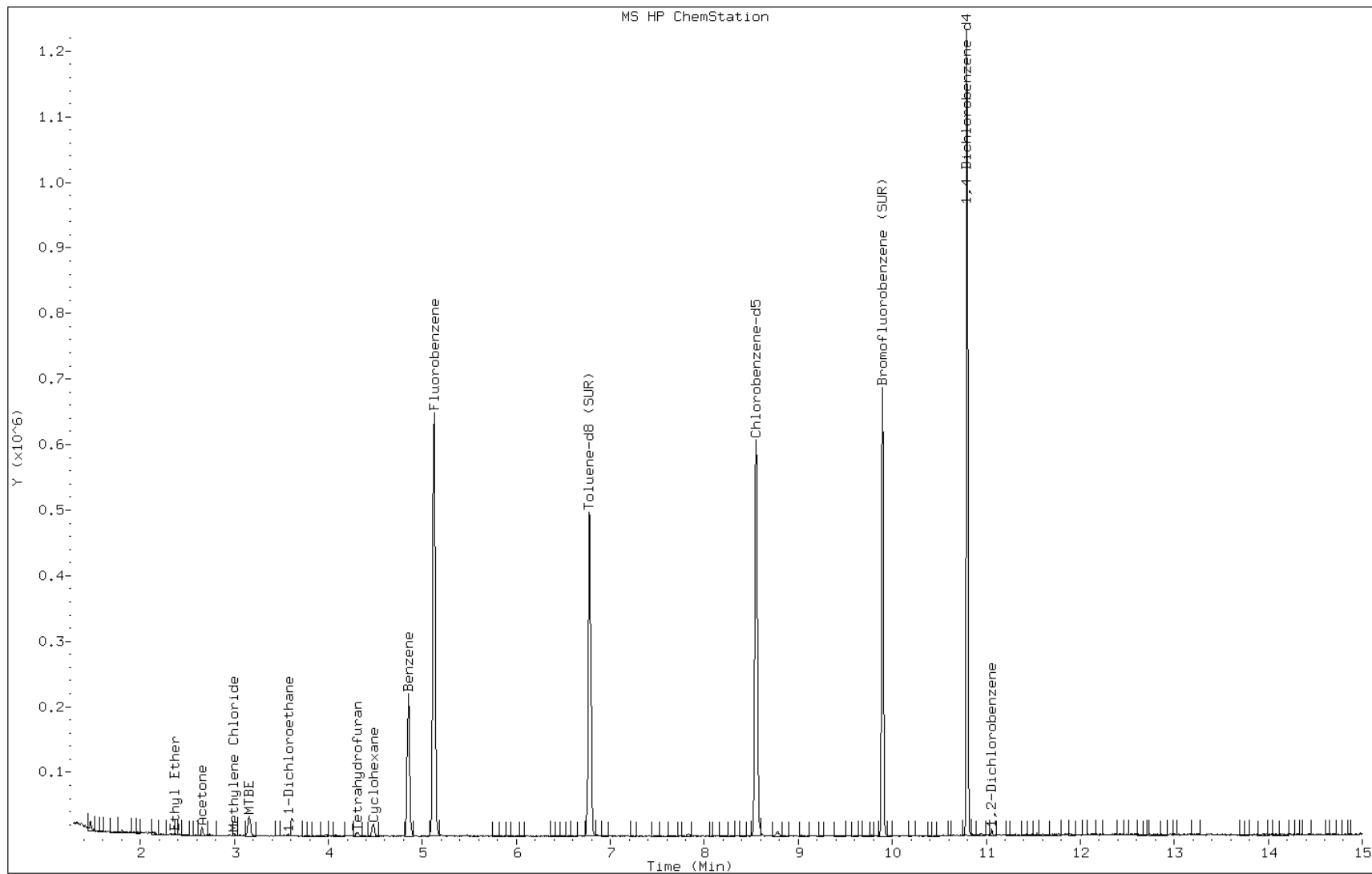
Date: 05-APR-2013 22:52

Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:



Data File: r00781.d

Date: 05-APR-2013 22:52

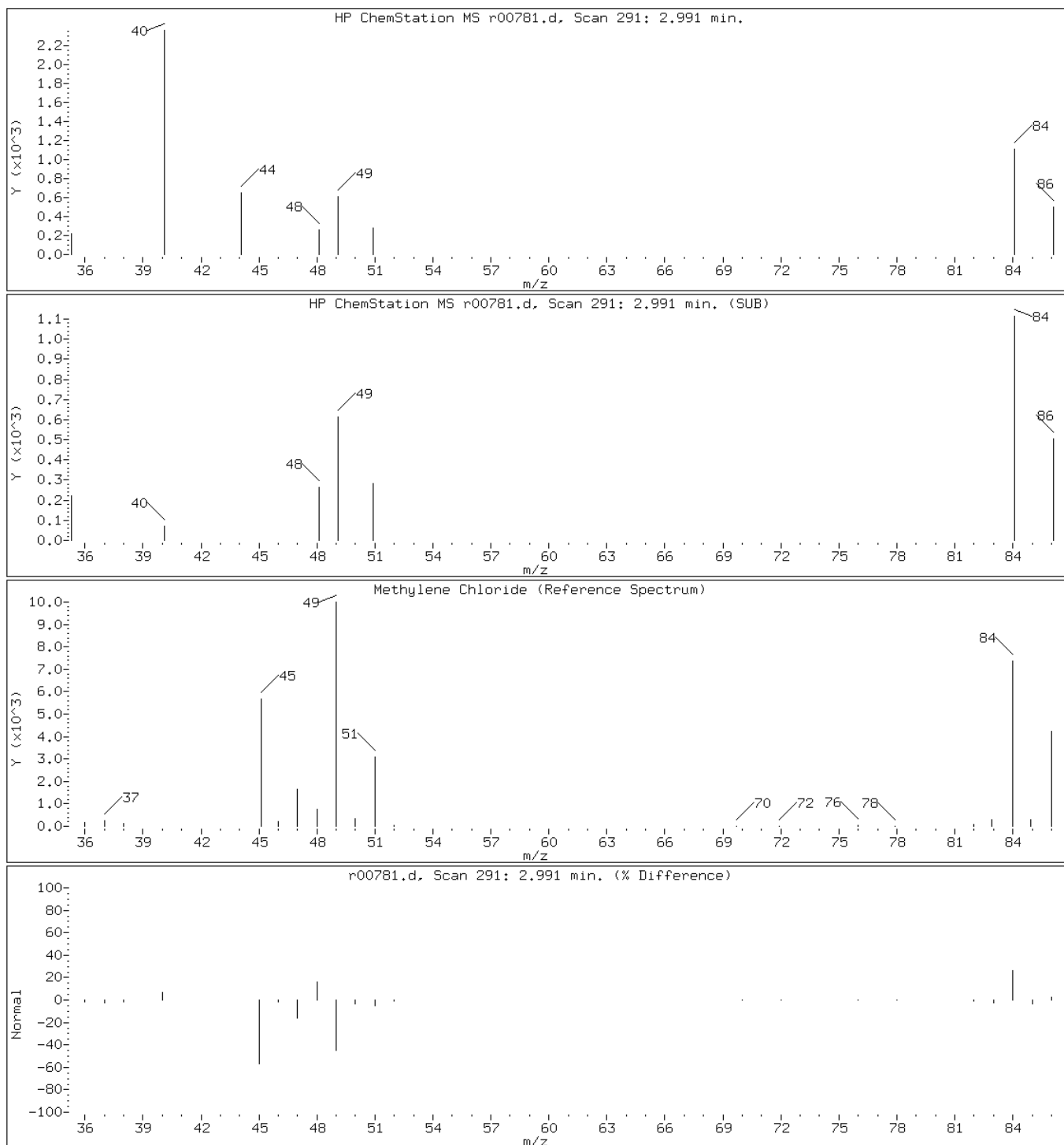
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

22 Methylene Chloride



Data File: r00781.d

Date: 05-APR-2013 22:52

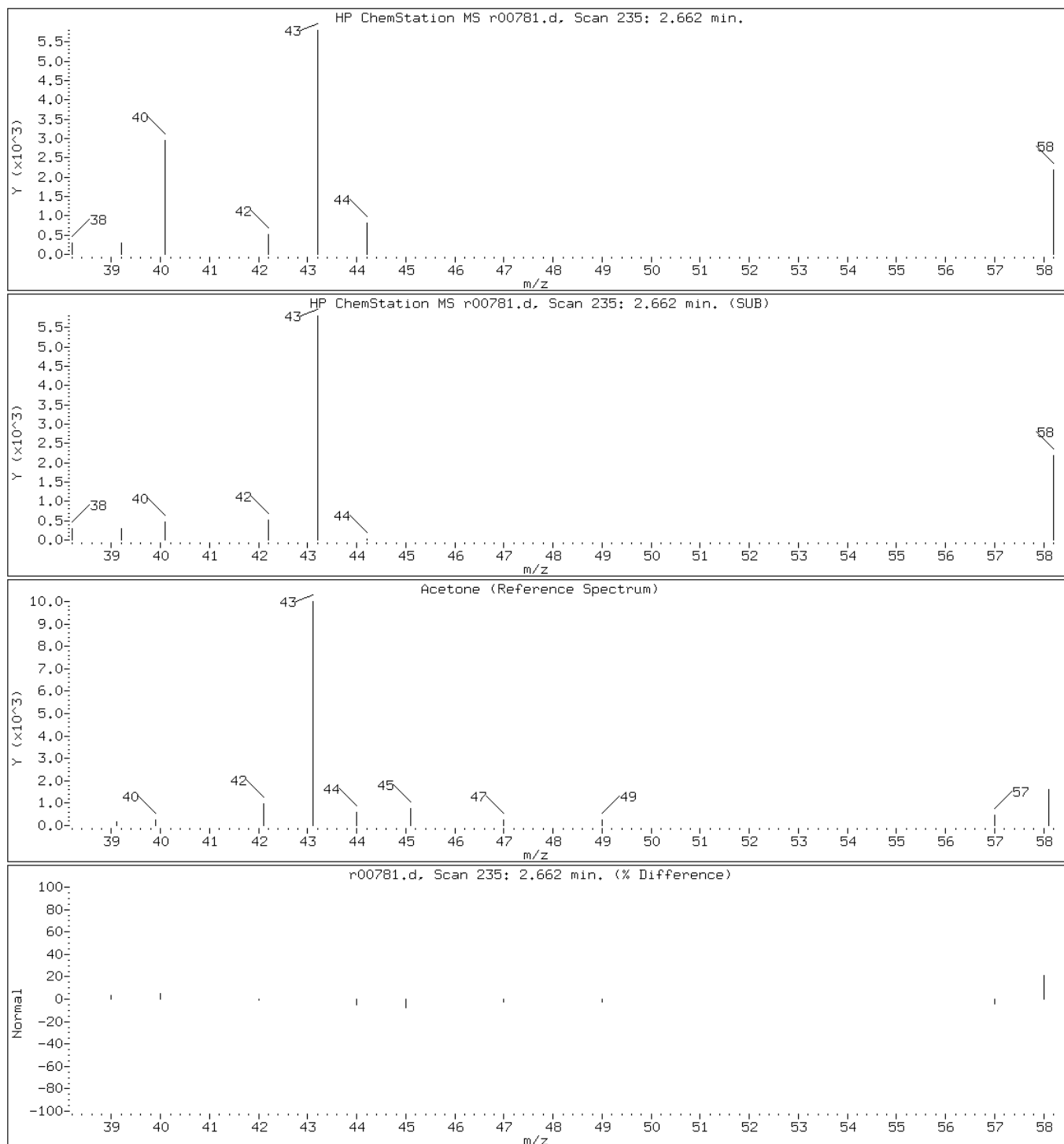
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

16 Acetone



Data File: r00781.d

Date: 05-APR-2013 22:52

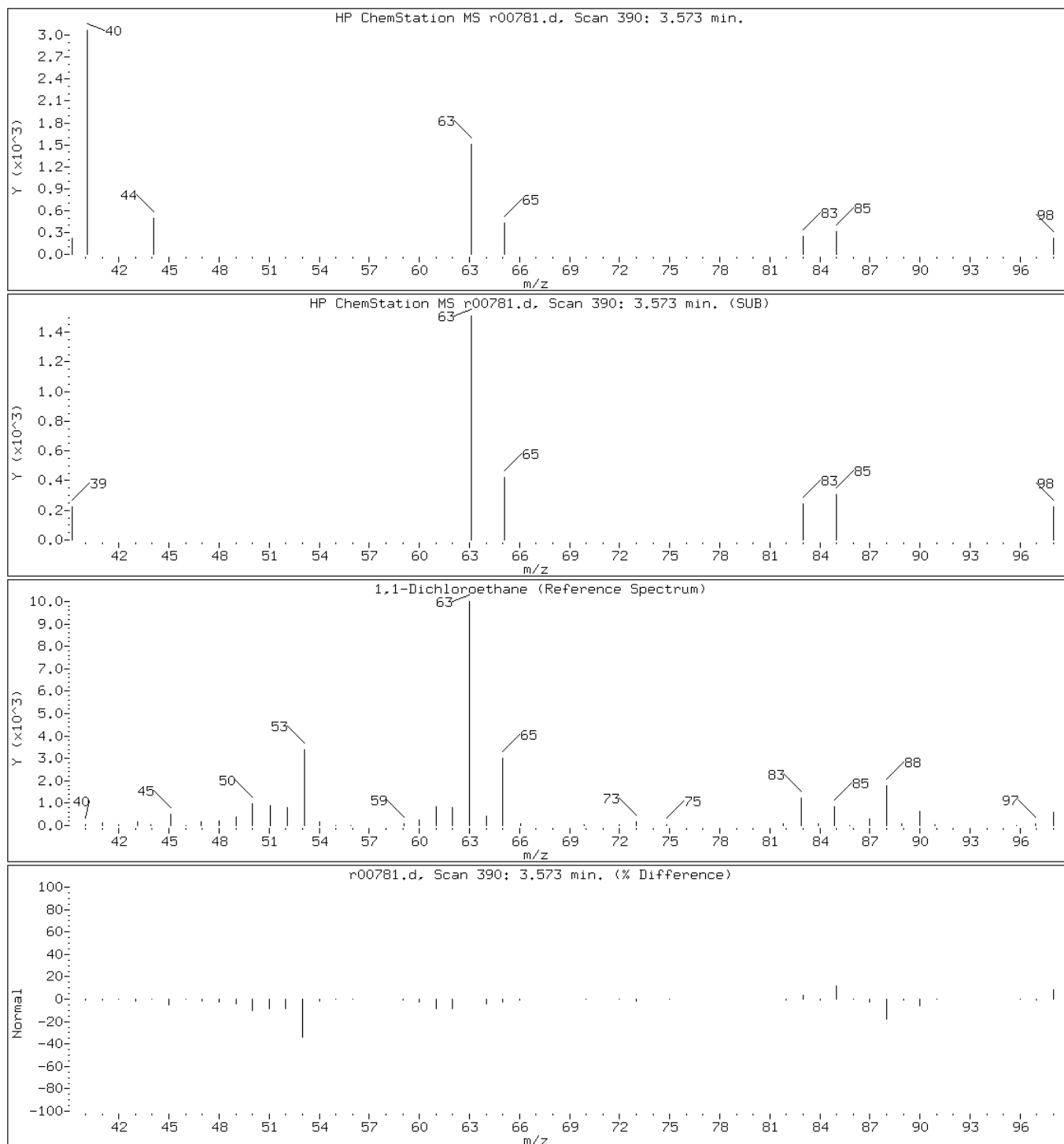
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

30 1,1-Dichloroethane



Data File: r00781.d

Date: 05-APR-2013 22:52

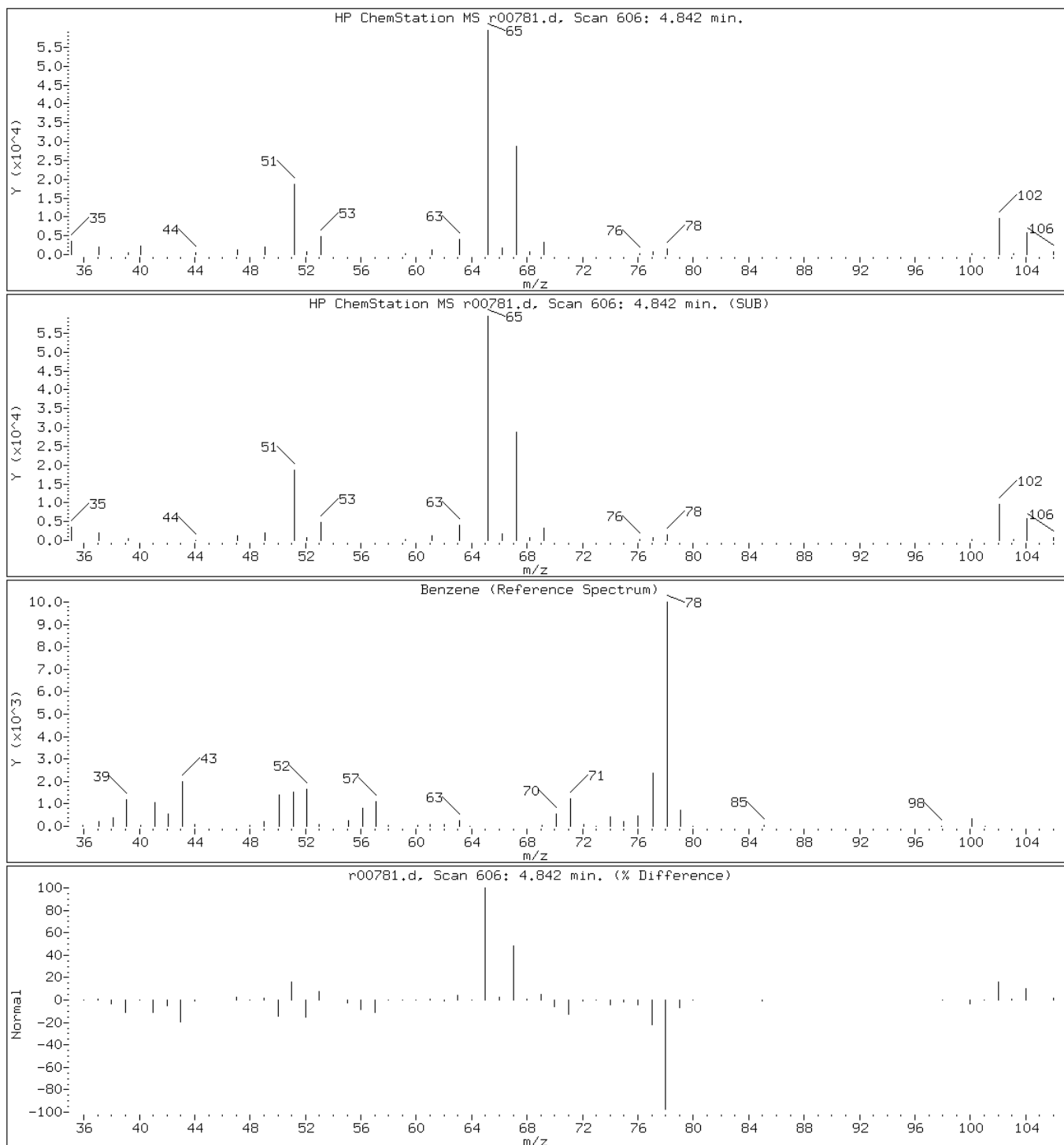
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

48 Benzene



Data File: r00781.d

Date: 05-APR-2013 22:52

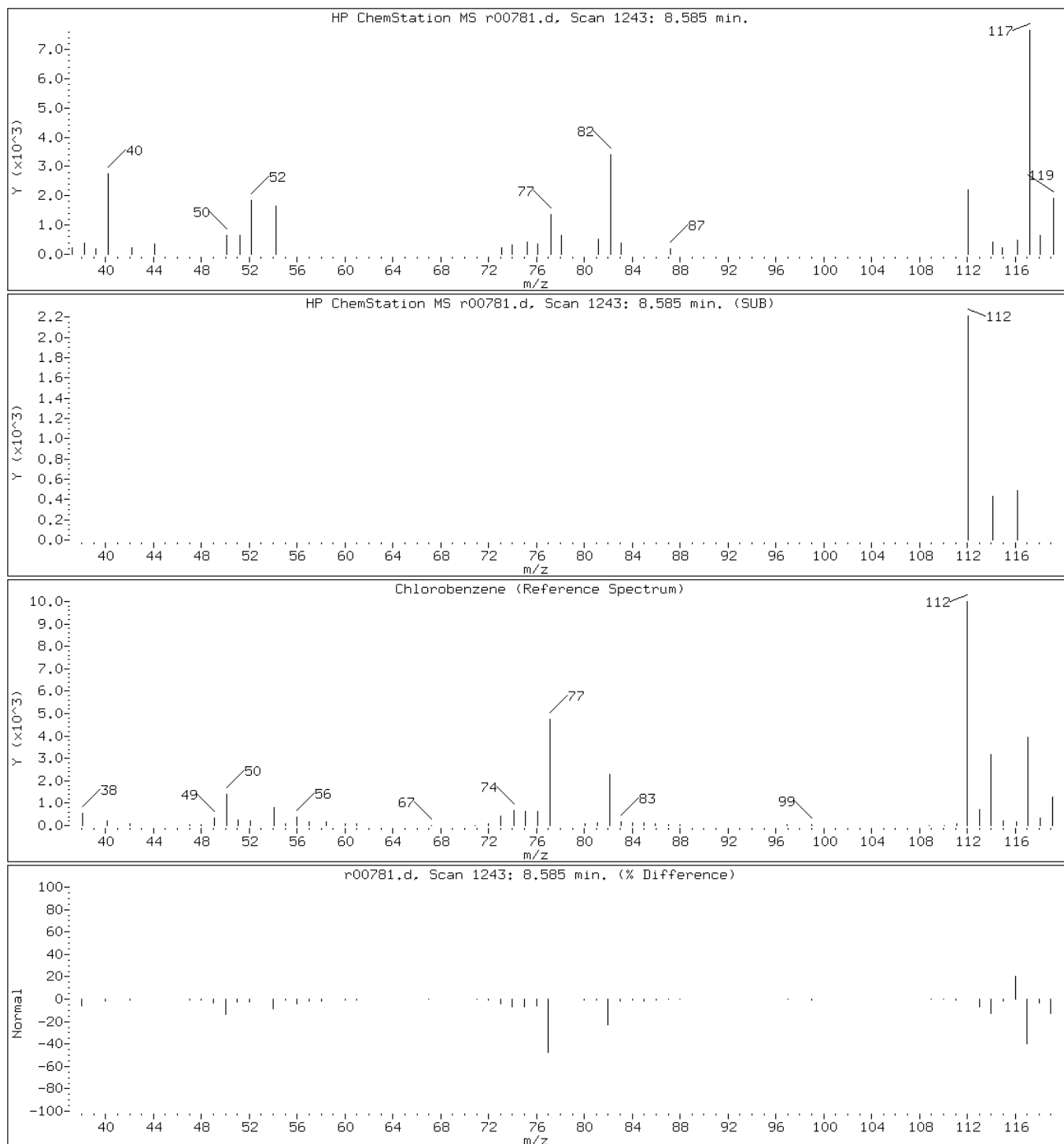
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

79 Chlorobenzene



Data File: r00781.d

Date: 05-APR-2013 22:52

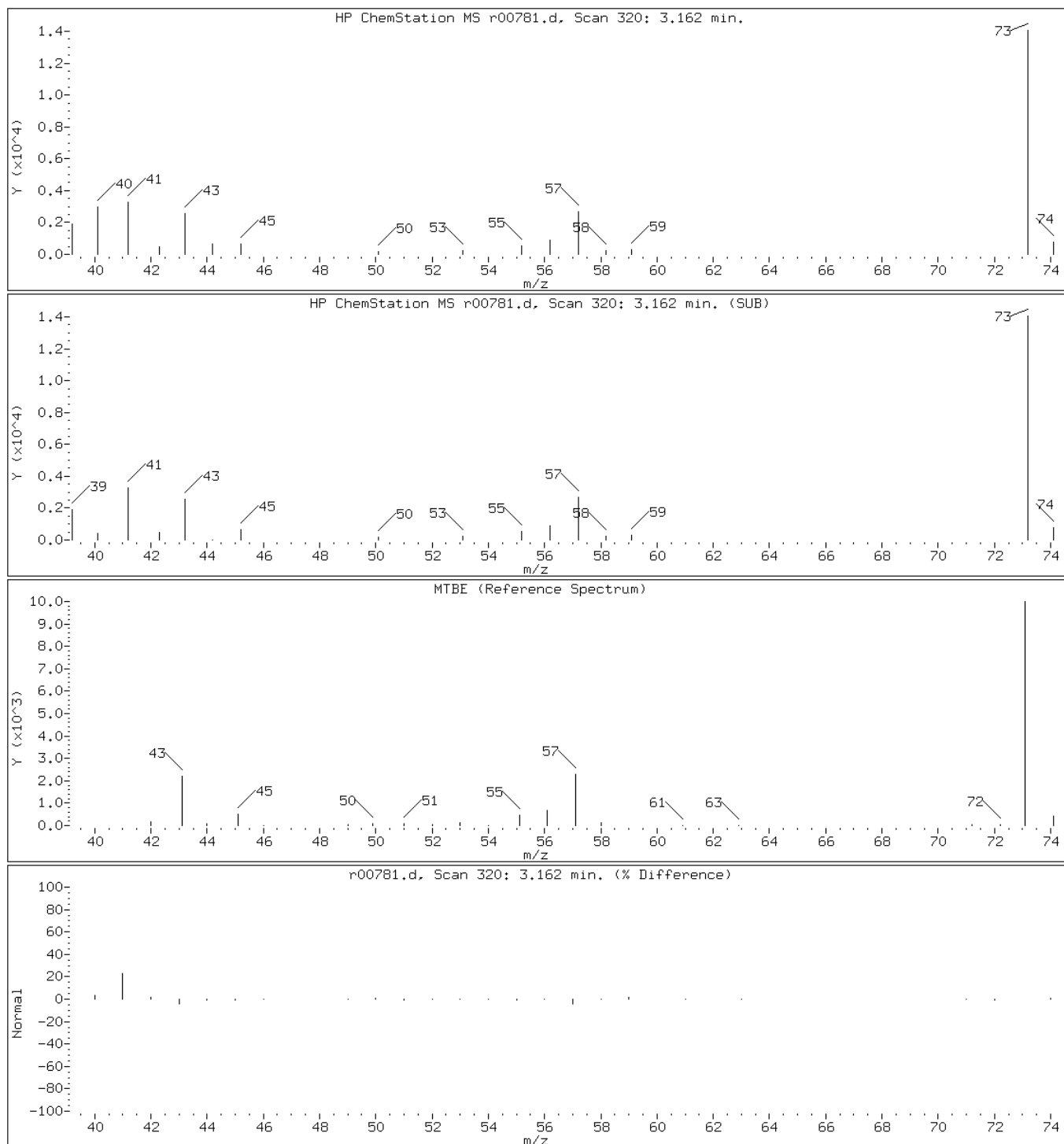
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

28 MTBE



Data File: r00781.d

Date: 05-APR-2013 22:52

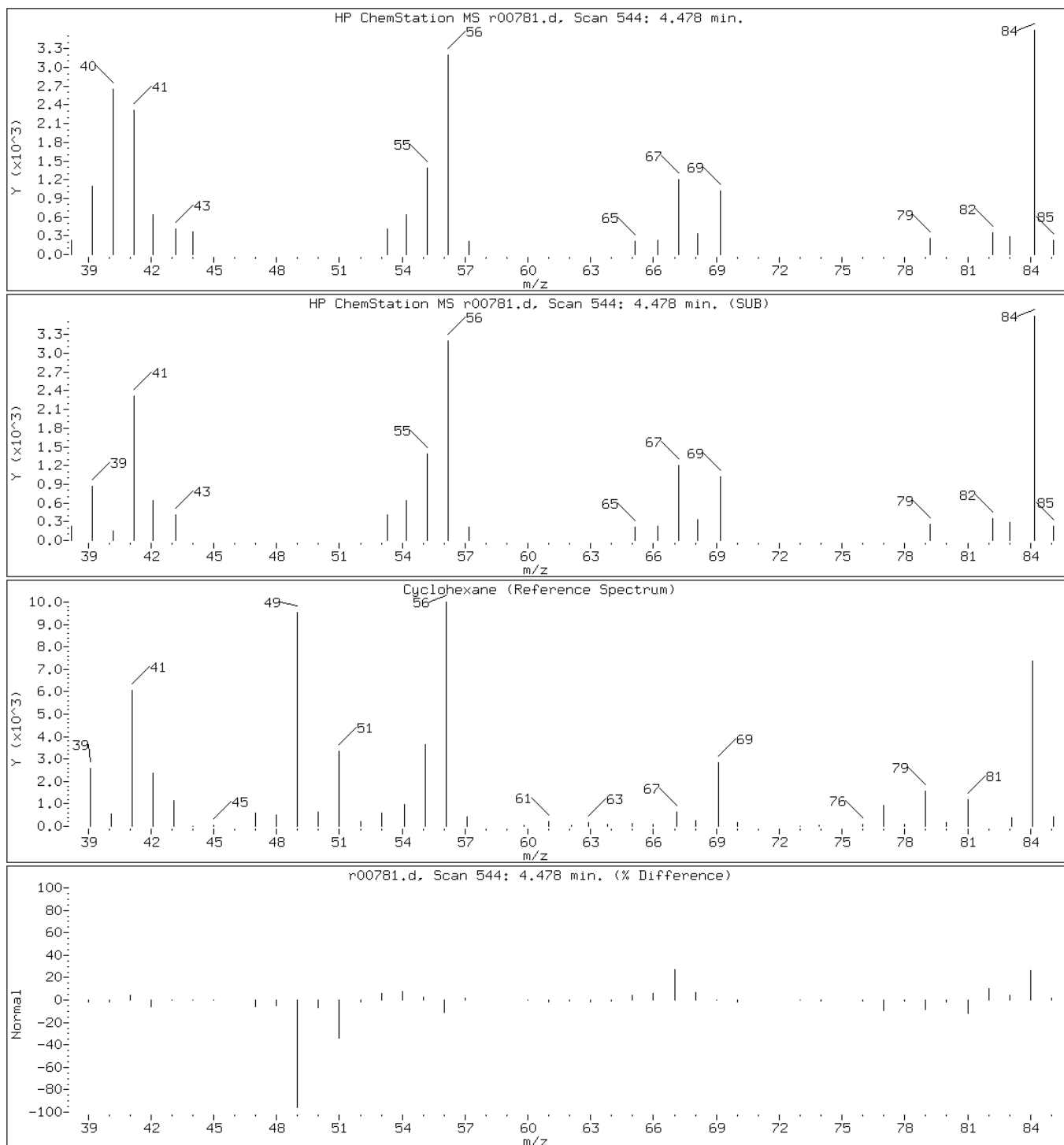
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

44 Cyclohexane



Data File: r00781.d

Date: 05-APR-2013 22:52

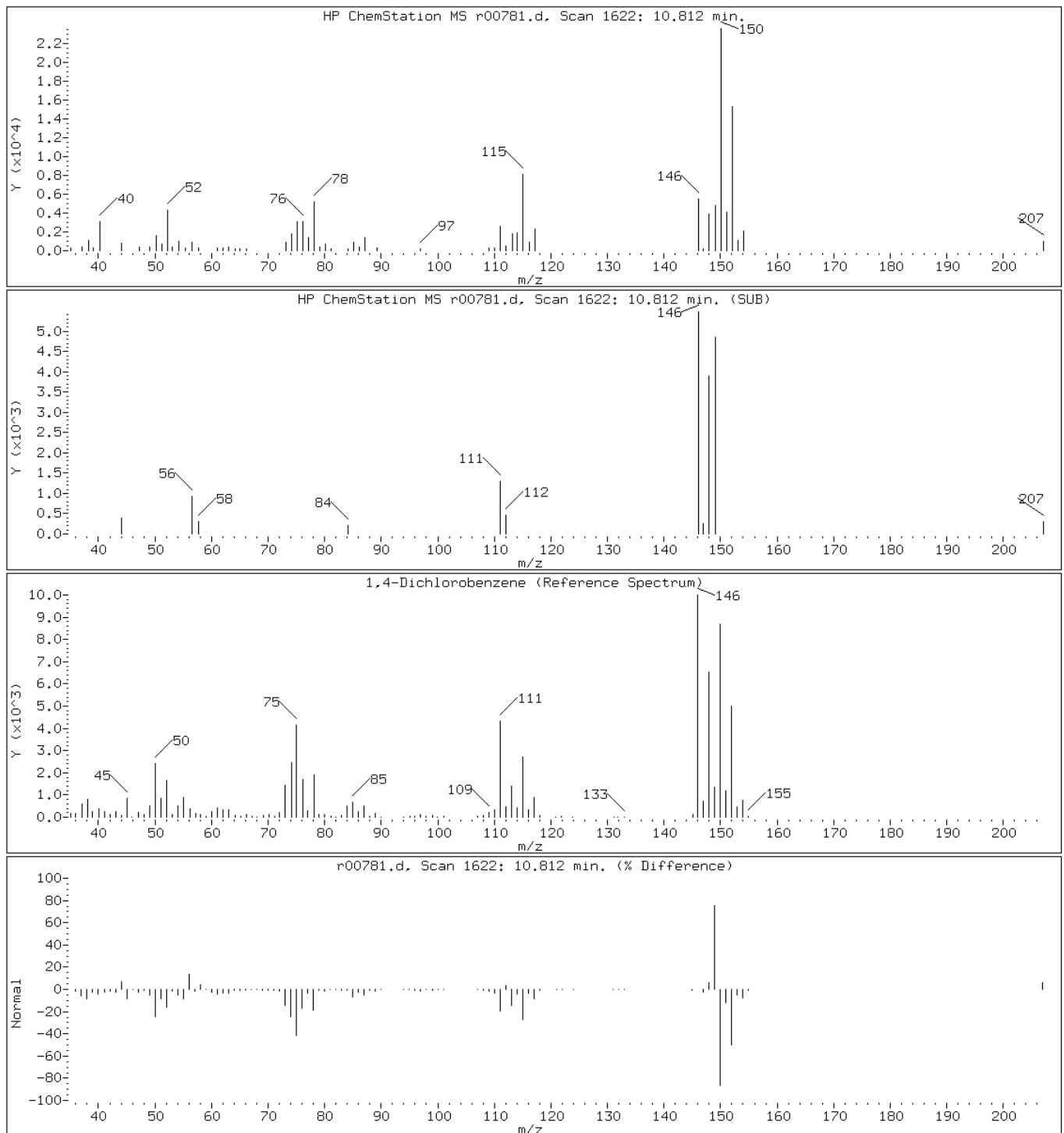
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

109 1,4-Dichlorobenzene



Data File: r00781.d

Date: 05-APR-2013 22:52

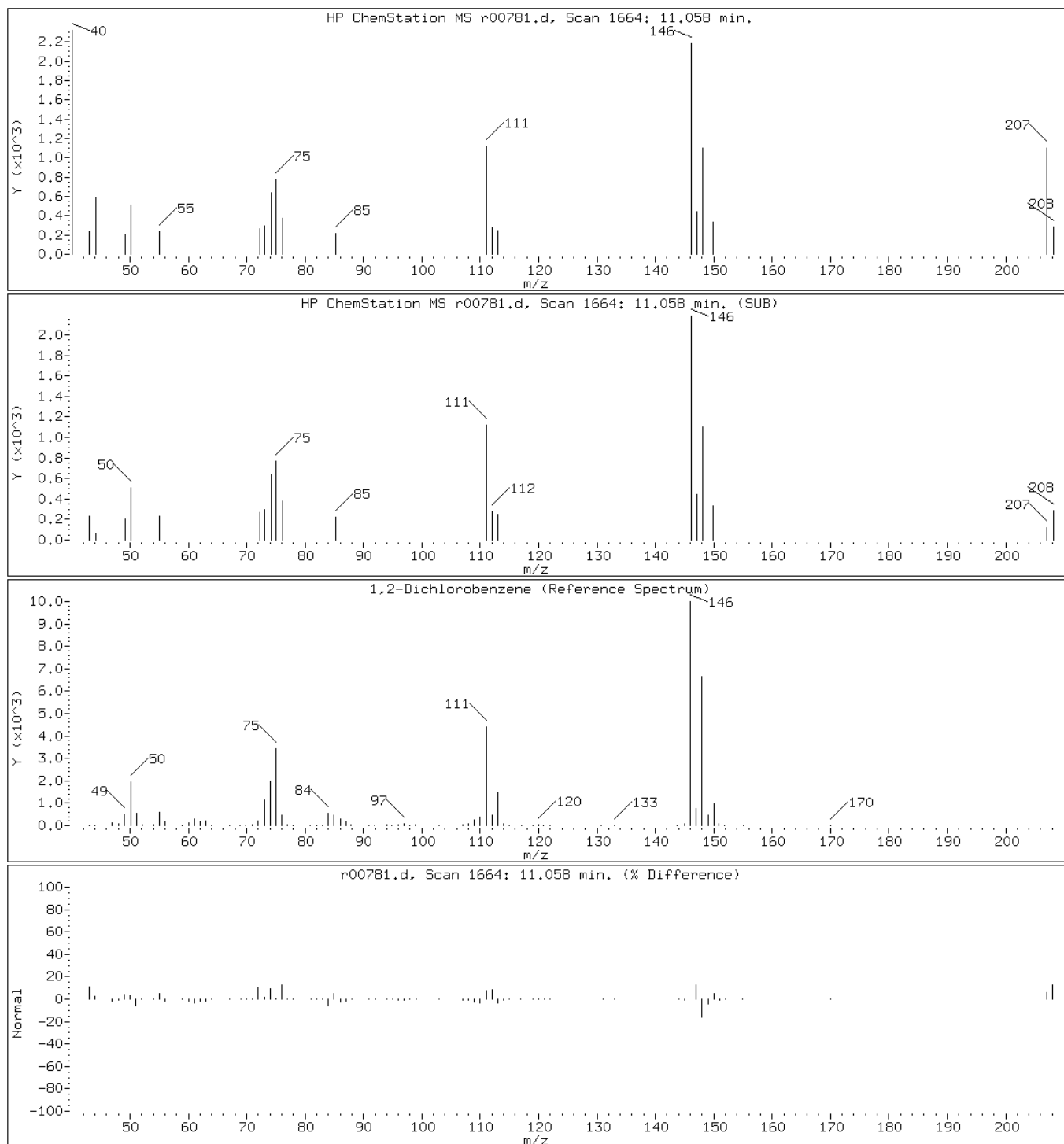
Client ID: MW06D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-34

Operator:

111 1,2-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW08A-CP-00-032813 Lab Sample ID: 460-53245-35

Matrix: Water Lab File ID: r00782.d

Analysis Method: 8260B Date Collected: 03/25/2013 14:42

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 23:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	0.24	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.37	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	5.5		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW08A-CP-00-032813 Lab Sample ID: 460-53245-35
 Matrix: Water Lab File ID: r00782.d
 Analysis Method: 8260B Date Collected: 03/25/2013 14:42
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 23:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00782.d
 Report Date: 10-Apr-2013 10:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00782.d
 Lab Smp Id: 460-53245-C-35 Client Smp ID: MW08A-CP-00-032813
 Inj Date : 05-APR-2013 23:18
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-35
 Misc Info : 460-53245-C-35
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 32
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====		=====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide		76	2.744	2.739 (0.536)		2351	0.23990	0.24(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.854 (0.947)		151511	62.6196	63
* 52 Fluorobenzene		96	5.124	5.118 (1.000)		523792	50.0000	
54 Trichloroethene		95	5.471	5.471 (1.068)		1218	0.36694	0.37(a)
\$ 65 Toluene-d8 (SUR)		98	6.781	6.775 (0.793)		341420	48.3586	48
71 Tetrachloroethene		166	7.457	7.457 (0.872)		18171	5.47227	5.5
* 78 Chlorobenzene-d5		117	8.549	8.550 (1.000)		363359	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		146369	46.3706	46
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		212621	50.0000	

QC Flag Legend

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

Data File: r00782.d

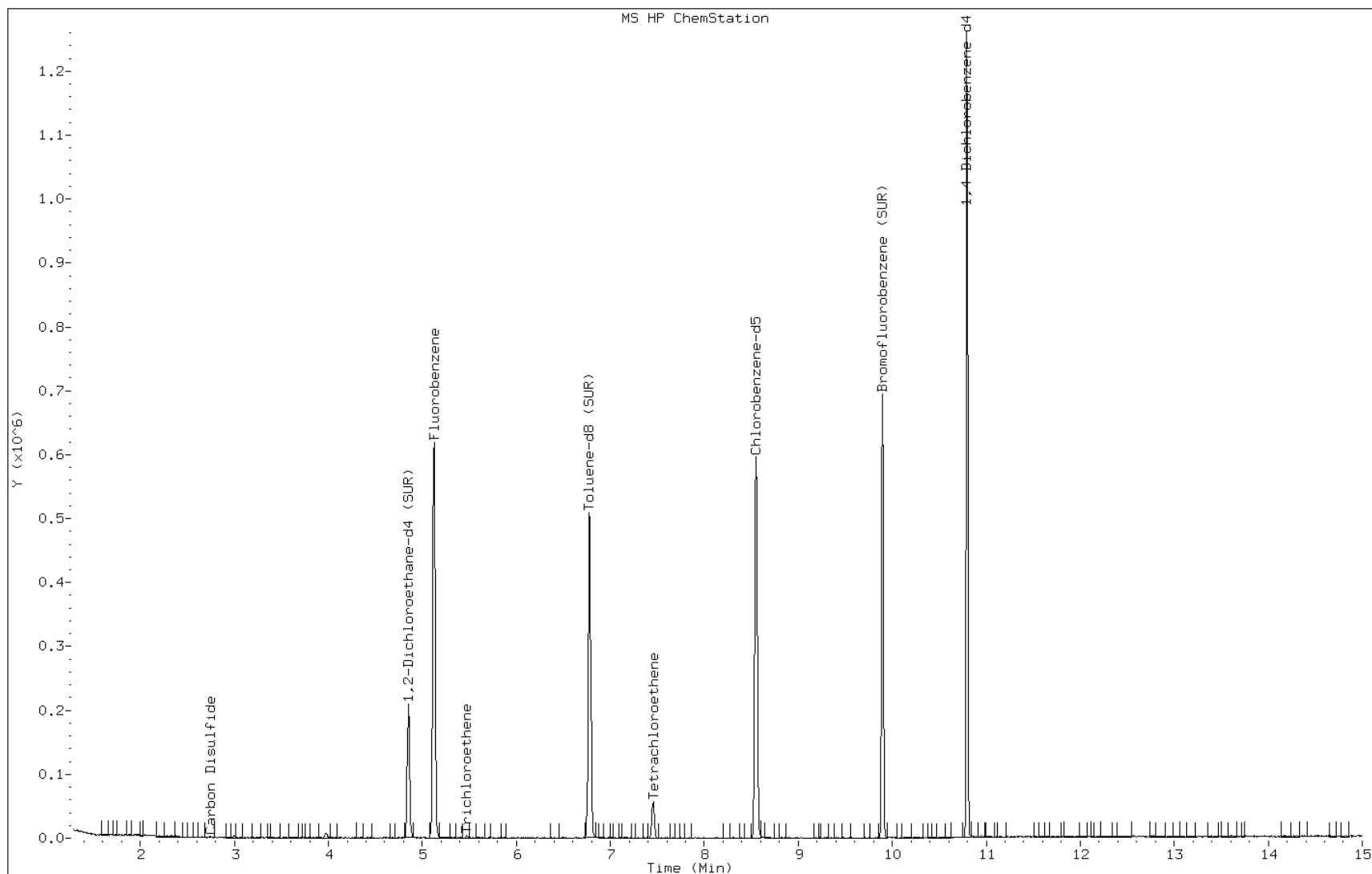
Date: 05-APR-2013 23:18

Client ID: MW08A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-35

Operator:



Data File: r00782.d

Date: 05-APR-2013 23:18

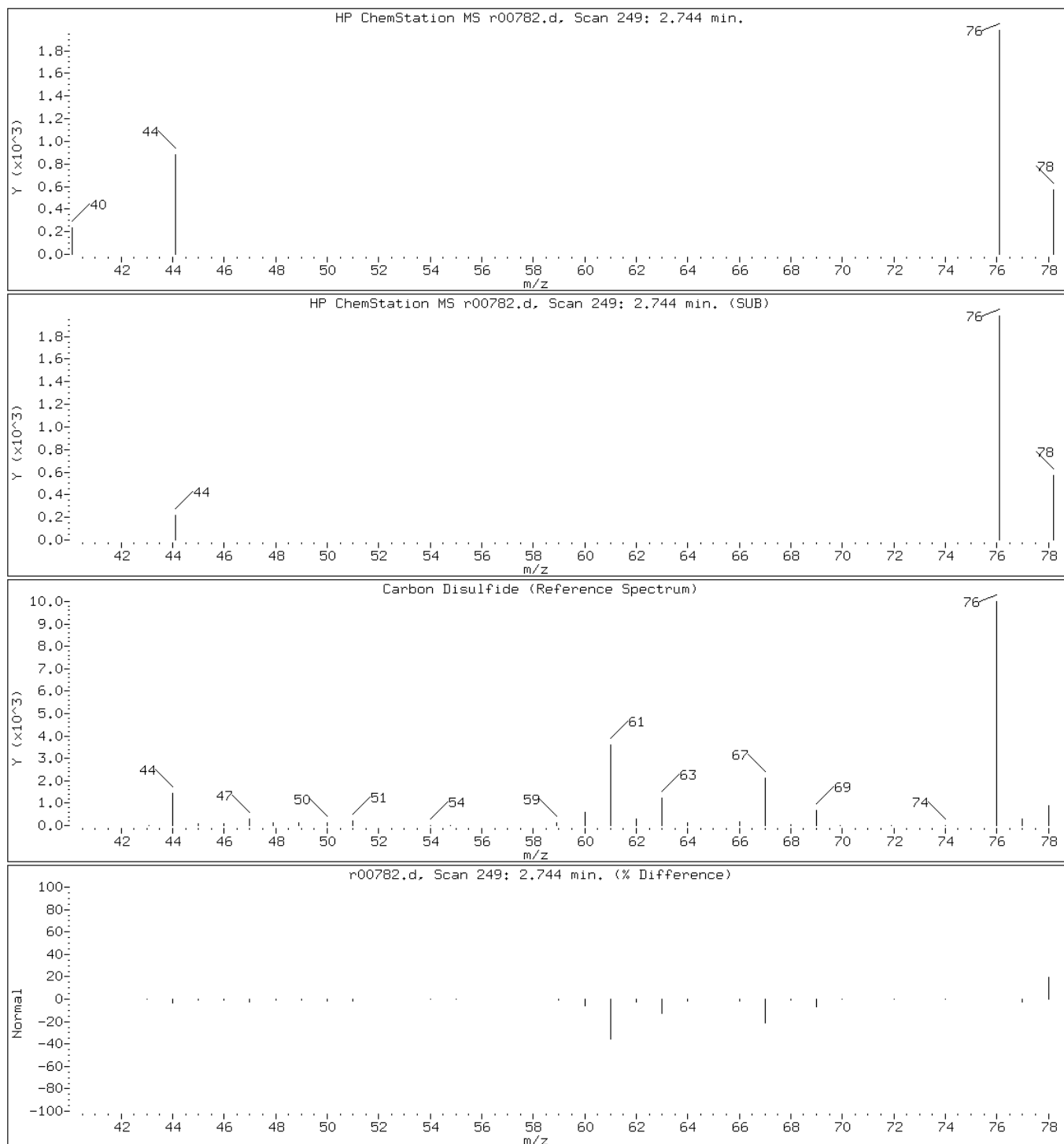
Client ID: MW08A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-35

Operator:

18 Carbon Disulfide



Data File: r00782.d

Date: 05-APR-2013 23:18

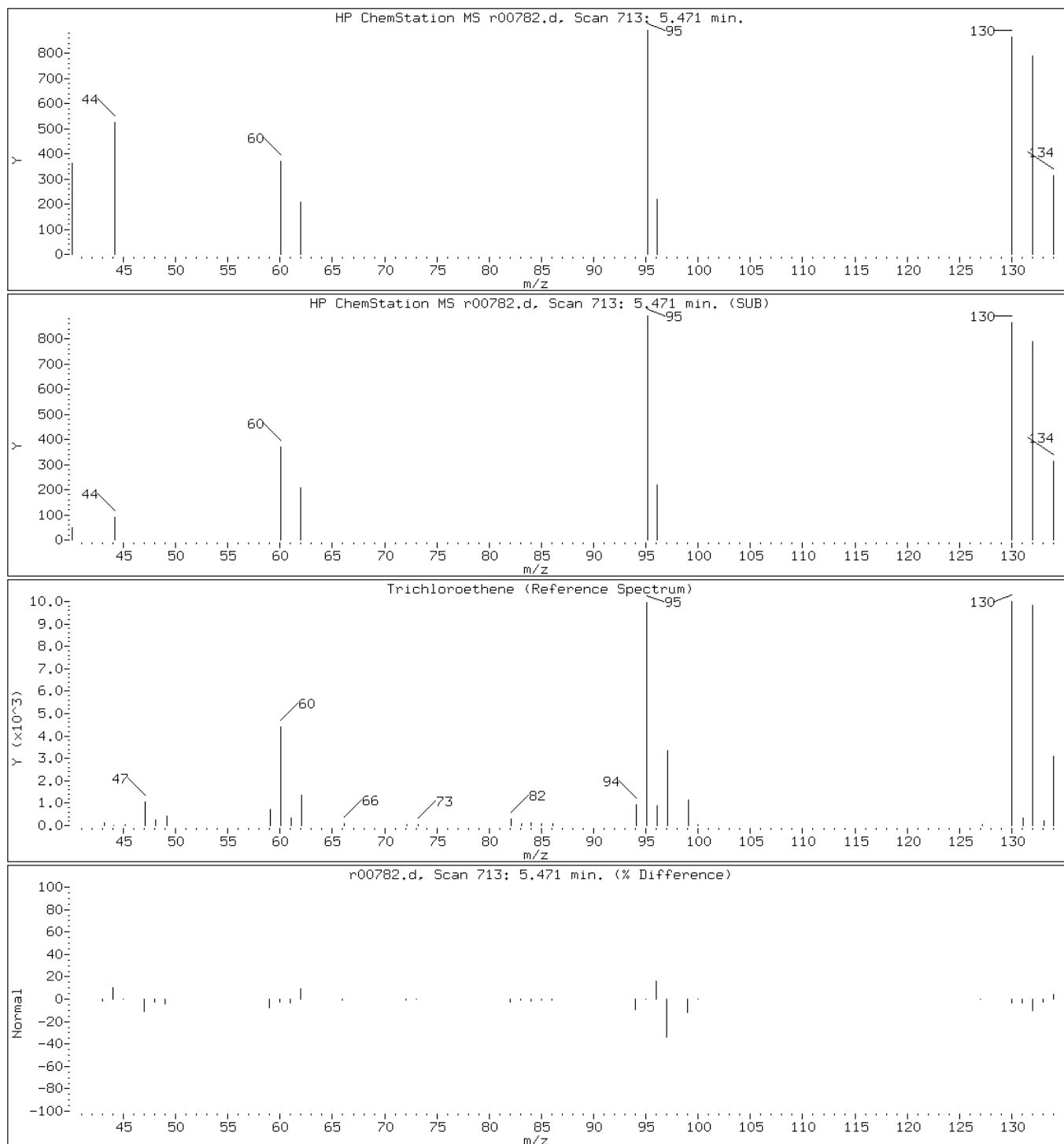
Client ID: MW08A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-35

Operator:

54 Trichloroethene



Data File: r00782.d

Date: 05-APR-2013 23:18

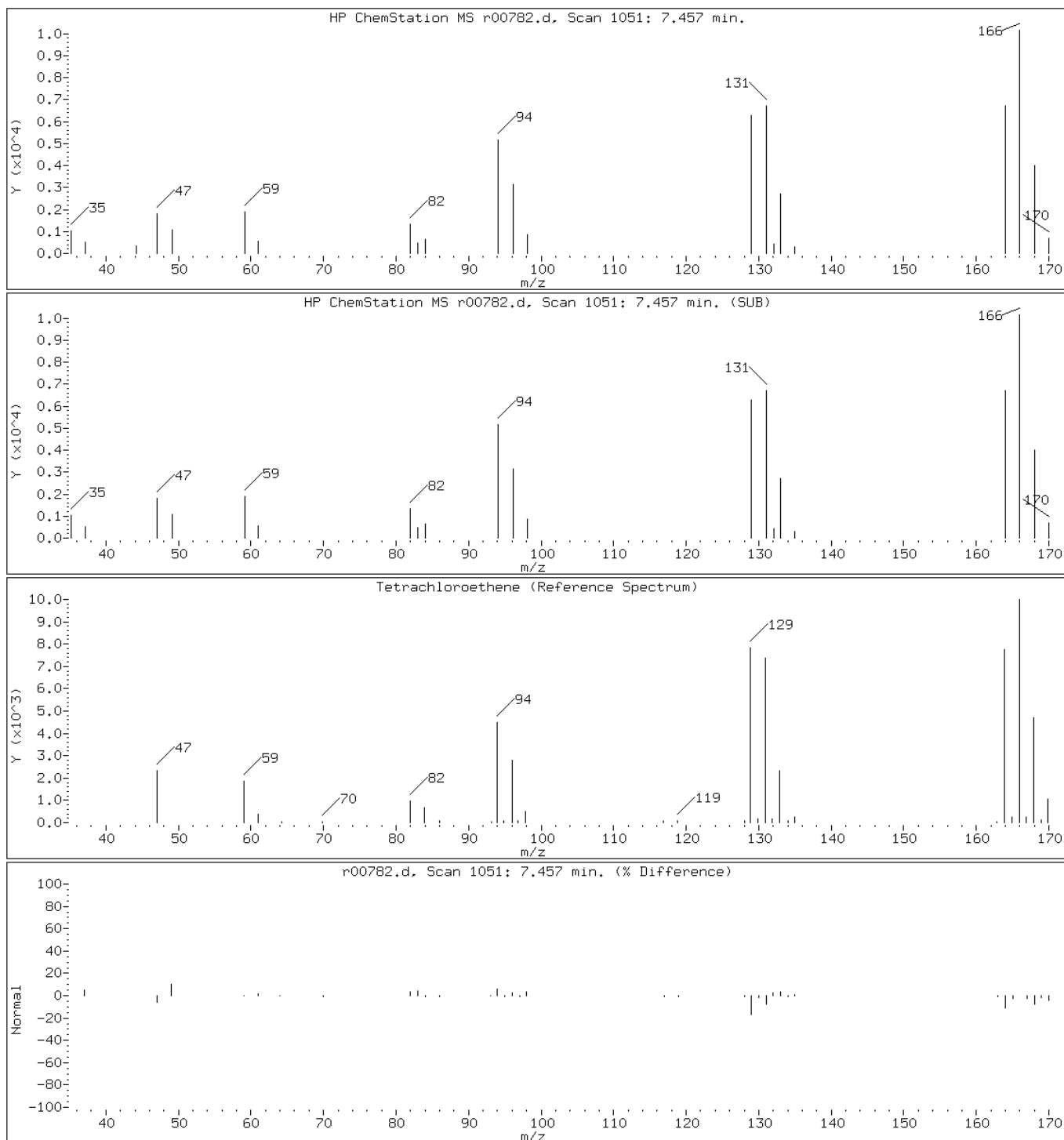
Client ID: MW08A-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-35

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW08B-CP-00-032813 Lab Sample ID: 460-53245-36

Matrix: Water Lab File ID: r00783.d

Analysis Method: 8260B Date Collected: 03/25/2013 14:49

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 23:43

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	20		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.25	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW08B-CP-00-032813 Lab Sample ID: 460-53245-36
 Matrix: Water Lab File ID: r00783.d
 Analysis Method: 8260B Date Collected: 03/25/2013 14:49
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 23:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.1		1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	106		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00783.d
Report Date: 06-Apr-2013 08:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00783.d
Lab Smp Id: 460-53245-C-36 Client Smp ID: MW08B-CP-00-032813
Inj Date : 05-APR-2013 23:43
Operator : Inst ID: VOAMS10.i
Smp Info : 460-53245-C-36
Misc Info : 460-53245-C-36
Comment :
Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
16 Acetone		58	2.656	2.656 (0.518)		6528	19.5585	20
44 Cyclohexane		56	4.472	4.478 (0.873)		5693	1.12606	1.1
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.854 (0.947)		152579	63.1737	63
* 52 Fluorobenzene		96	5.124	5.118 (1.000)		522857	50.0000	
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		345342	49.2852	49
71 Tetrachloroethene		166	7.451	7.457 (0.871)		827	0.25094	0.25(a)
* 78 Chlorobenzene-d5		117	8.549	8.550 (1.000)		360623	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		144598	53.0038	53
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		183762	50.0000	

QC Flag Legend

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

Data File: r00783.d

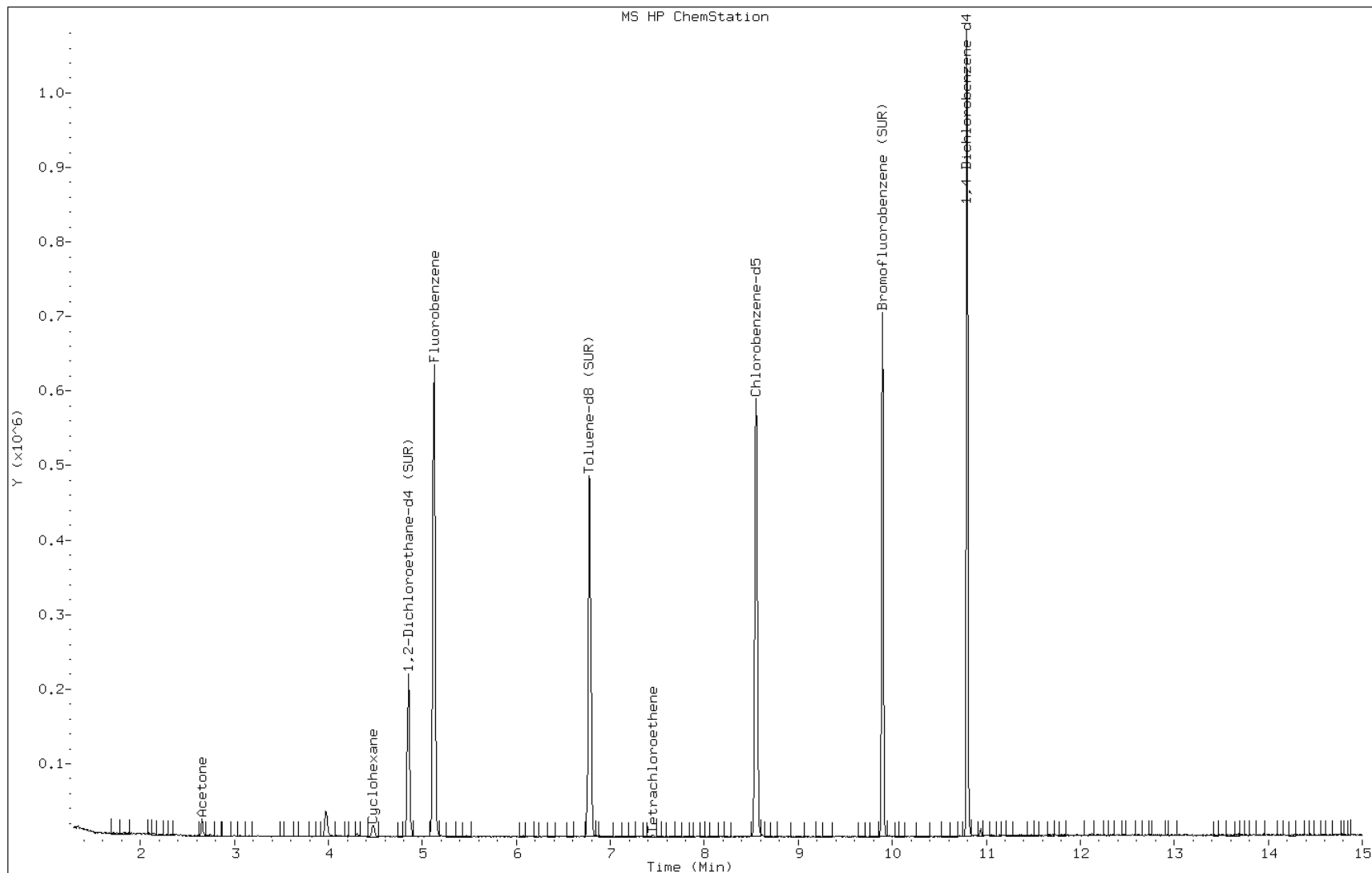
Date: 05-APR-2013 23:43

Client ID: MW08B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-36

Operator:



Data File: r00783.d

Date: 05-APR-2013 23:43

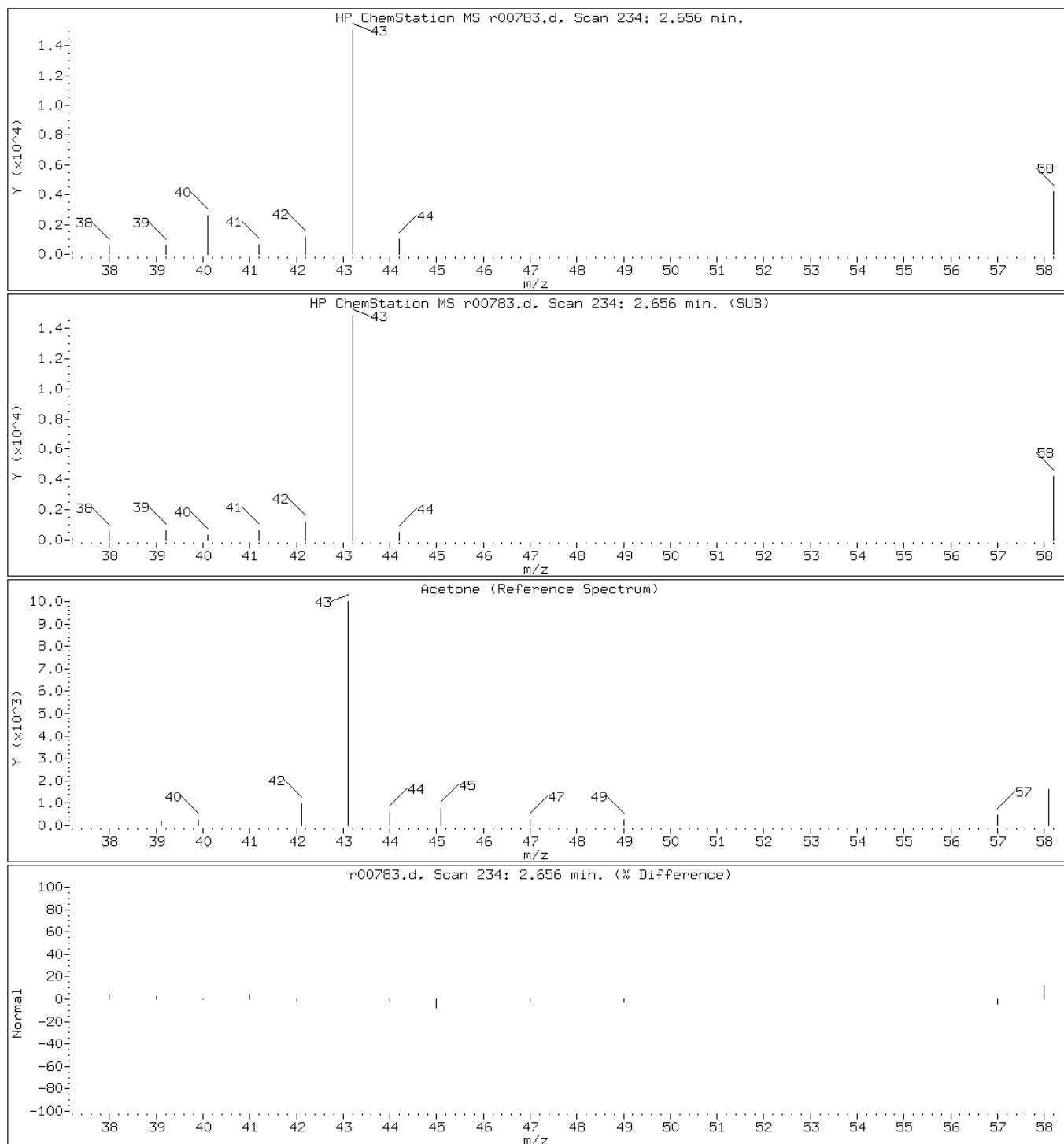
Client ID: MW08B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-36

Operator:

16 Acetone



Data File: r00783.d

Date: 05-APR-2013 23:43

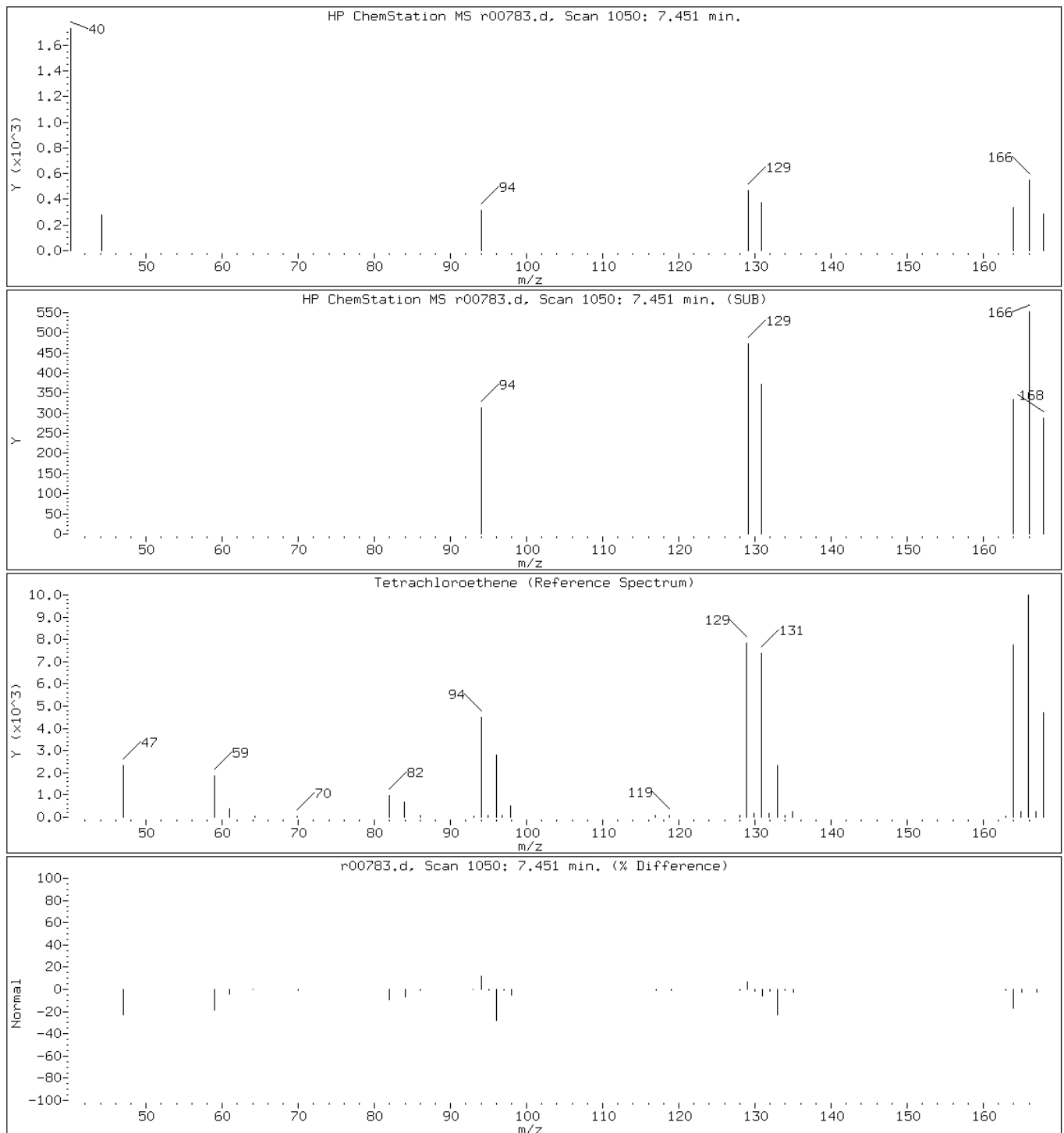
Client ID: MW08B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-36

Operator:

71 Tetrachloroethene



Data File: r00783.d

Date: 05-APR-2013 23:43

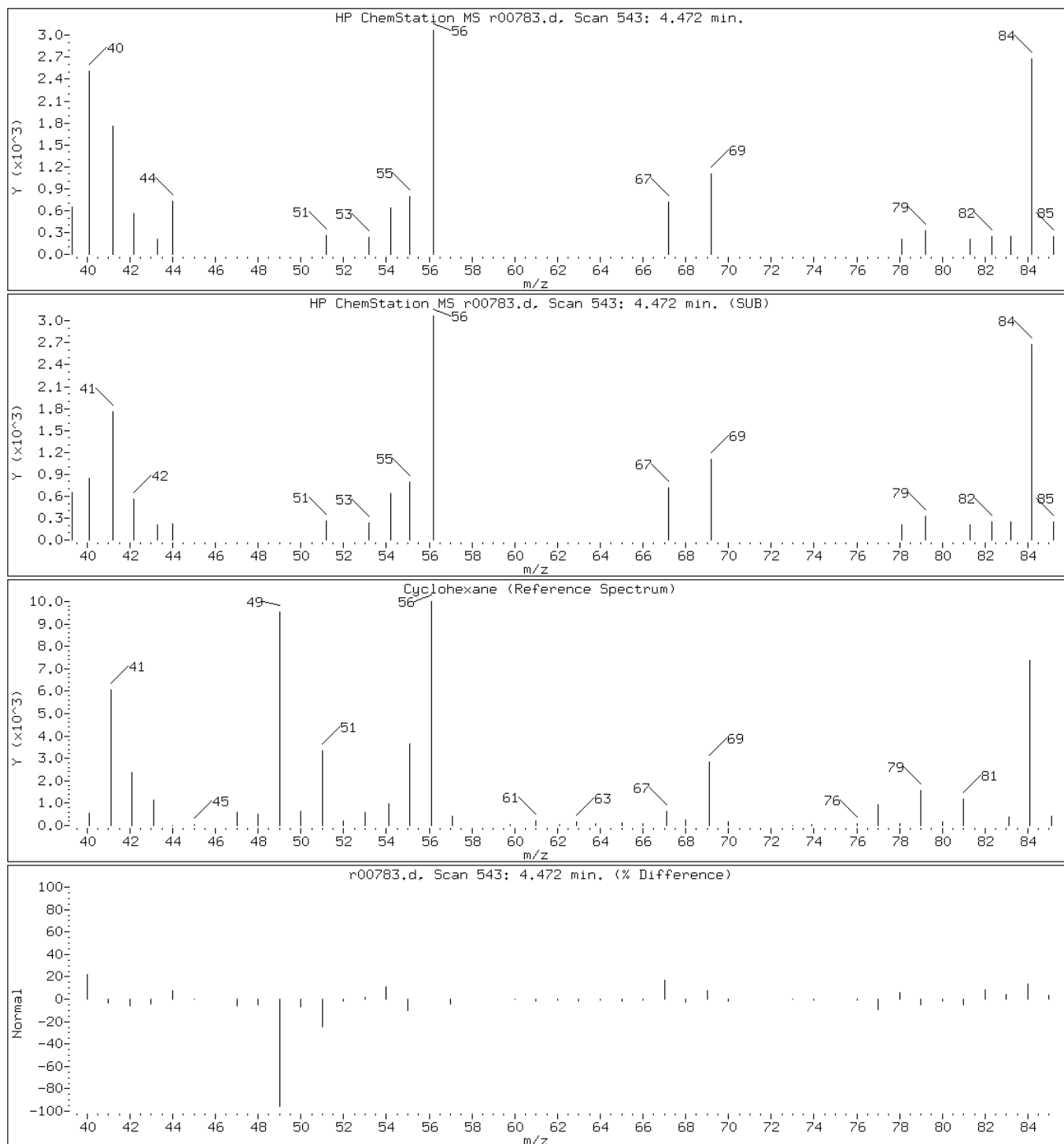
Client ID: MW08B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-36

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW08C-CP-00-032813 Lab Sample ID: 460-53245-37

Matrix: Water Lab File ID: r00784.d

Analysis Method: 8260B Date Collected: 03/25/2013 15:04

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 00:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	0.31	J	1.0	0.18
67-64-1	Acetone	13		5.0	2.7
75-15-0	Carbon disulfide	0.22	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW08C-CP-00-032813 Lab Sample ID: 460-53245-37
 Matrix: Water Lab File ID: r00784.d
 Analysis Method: 8260B Date Collected: 03/25/2013 15:04
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 00:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.98	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00784.d
 Report Date: 06-Apr-2013 08:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00784.d
 Lab Smp Id: 460-53245-C-37 Client Smp ID: MW08C-CP-00-032813
 Inj Date : 06-APR-2013 00:09
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-37
 Misc Info : 460-53245-C-37
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 34
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone		58	2.650	2.656 (0.517)		4327	13.1079	13
18 Carbon Disulfide		76	2.744	2.739 (0.536)		2108	0.21788	0.22(a)
22 Methylene Chloride		84	2.997	2.997 (0.585)		1031	0.31375	0.31(a)
41 Tetrahydrofuran		42	4.313	4.301 (0.842)		1475	1.43035	1.4
44 Cyclohexane		56	4.472	4.478 (0.873)		4921	0.98415	0.98(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.854 (0.947)		152623	63.8928	64
* 52 Fluorobenzene		96	5.124	5.118 (1.000)		517122	50.0000	
\$ 65 Toluene-d8 (SUR)		98	6.781	6.775 (0.793)		338060	50.4062	50
* 78 Chlorobenzene-d5		117	8.550	8.550 (1.000)		345168	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		139391	47.4453	47
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		197898	50.0000	

QC Flag Legend

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

Data File: r00784.d

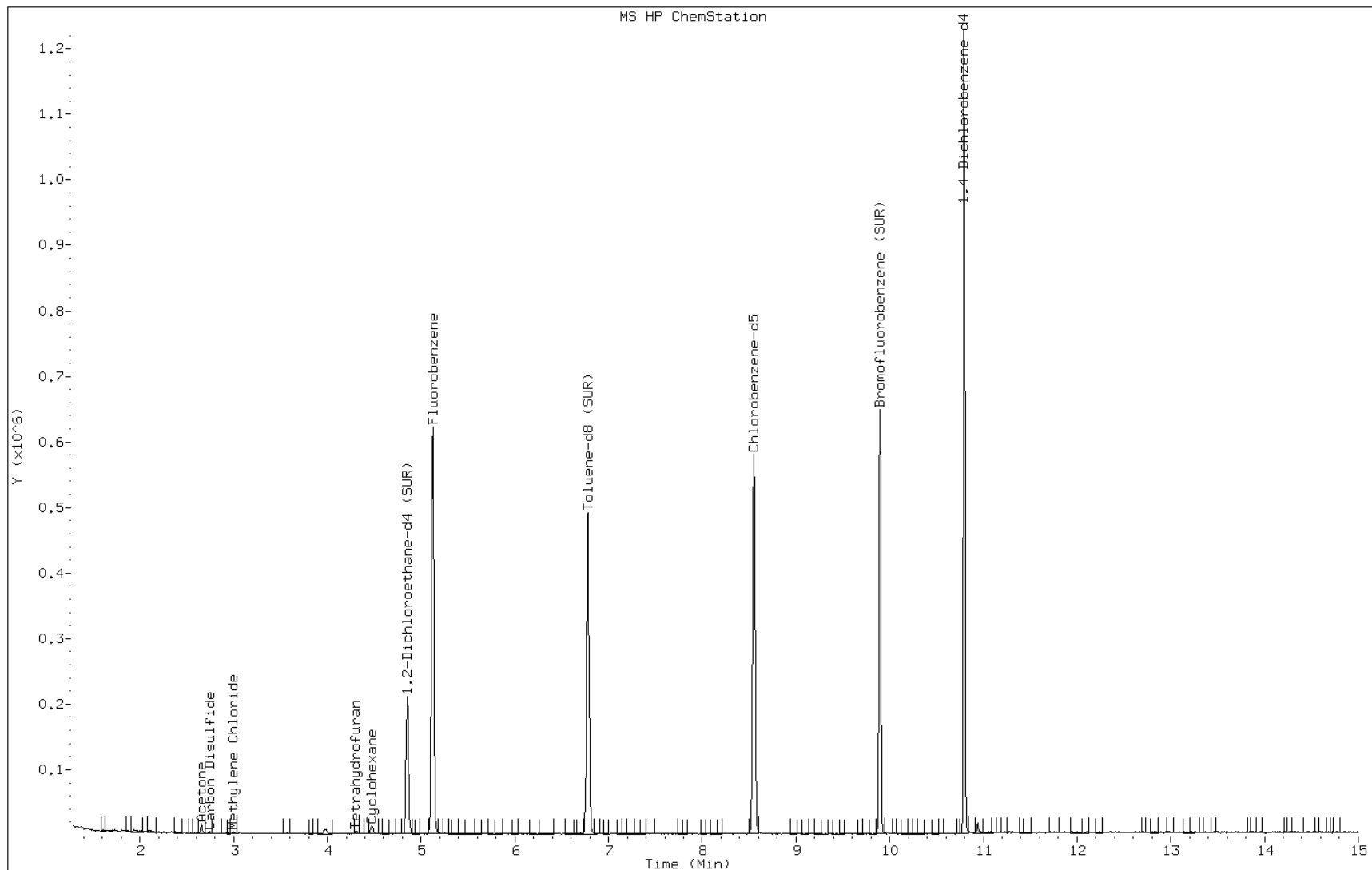
Date: 06-APR-2013 00:09

Client ID: MW08C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-37

Operator:



Data File: r00784.d

Date: 06-APR-2013 00:09

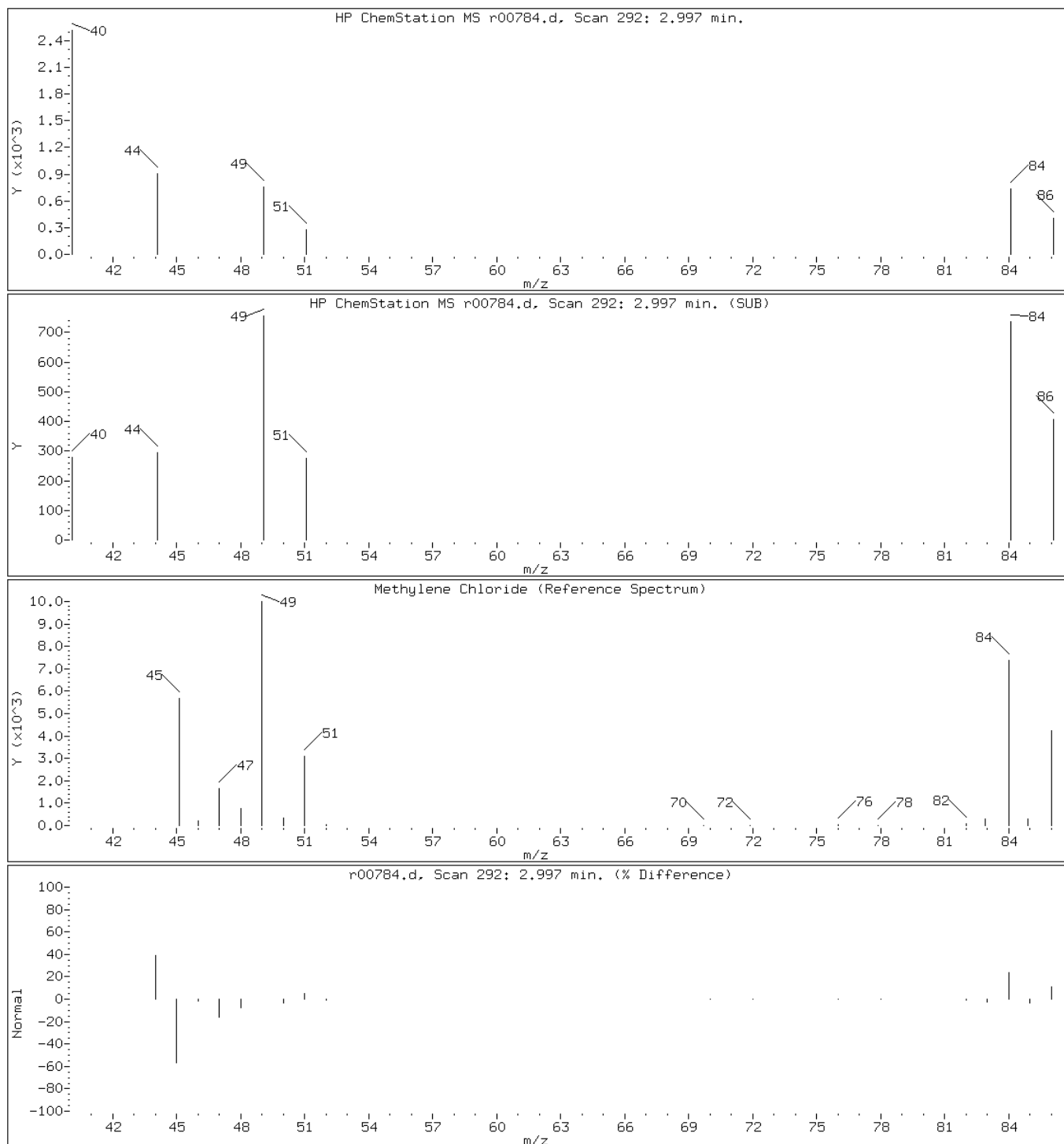
Client ID: MW08C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-37

Operator:

22 Methylene Chloride



Data File: r00784.d

Date: 06-APR-2013 00:09

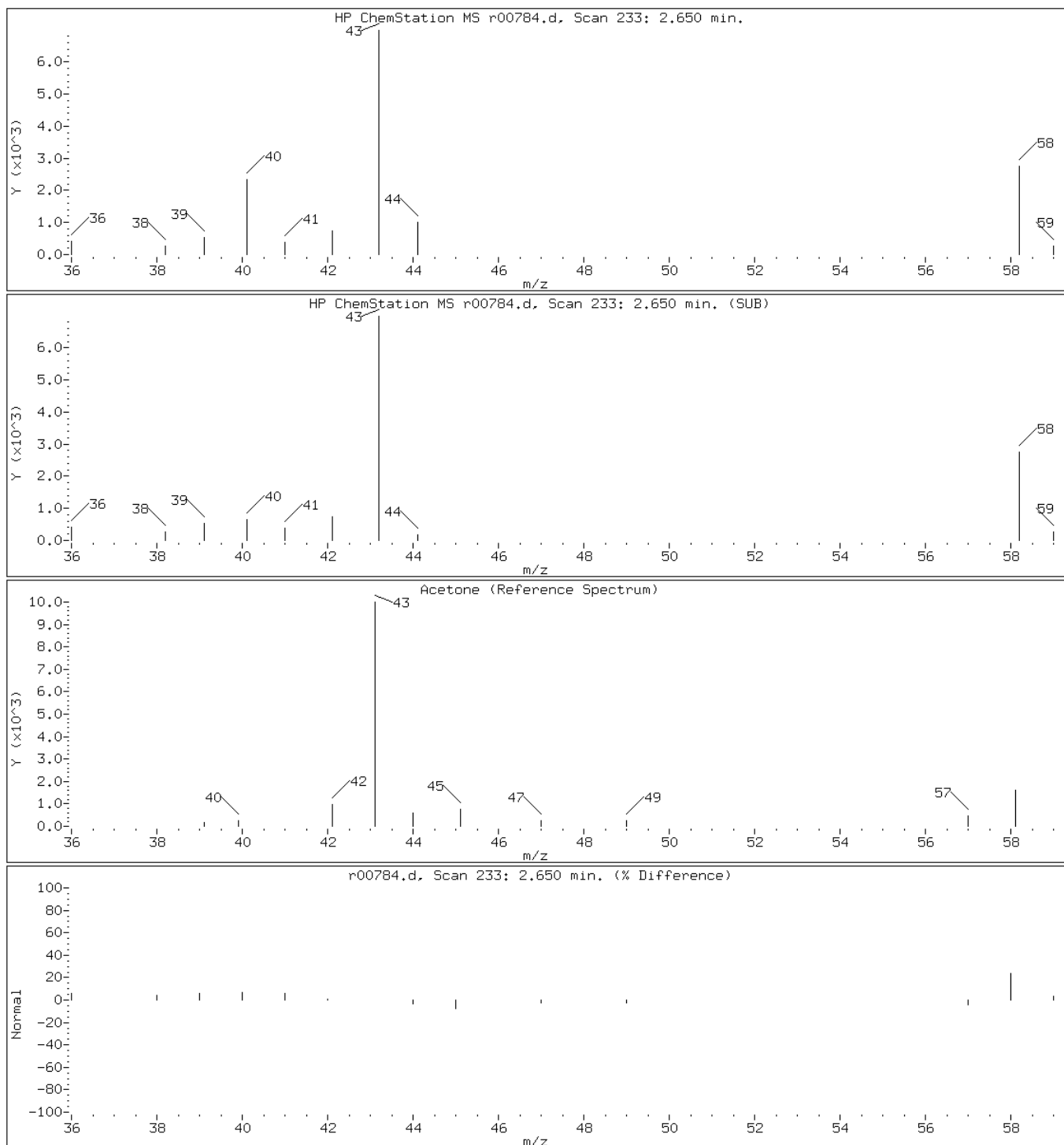
Client ID: MW08C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-37

Operator:

16 Acetone



Data File: r00784.d

Date: 06-APR-2013 00:09

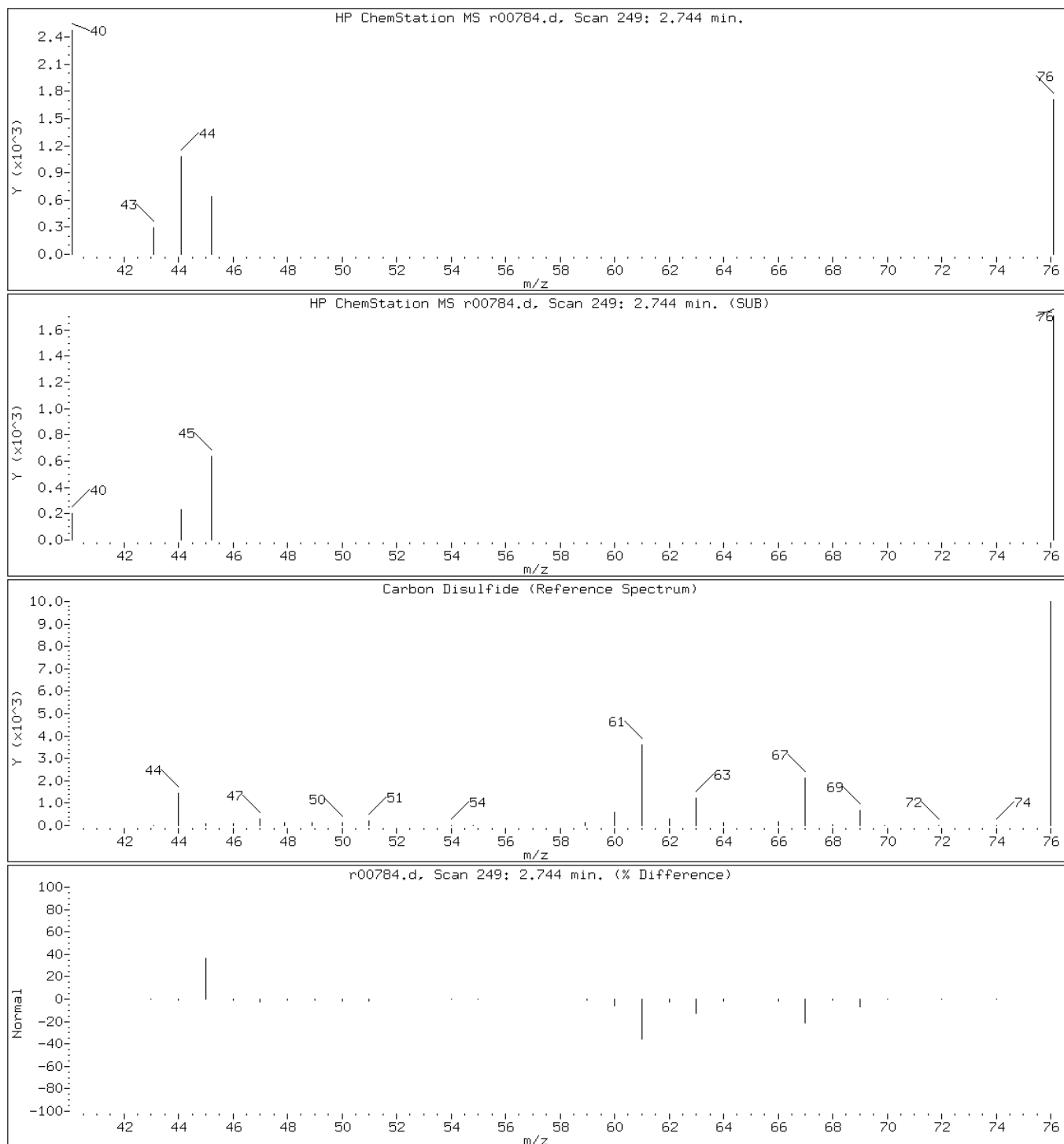
Client ID: MW08C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-37

Operator:

18 Carbon Disulfide



Data File: r00784.d

Date: 06-APR-2013 00:09

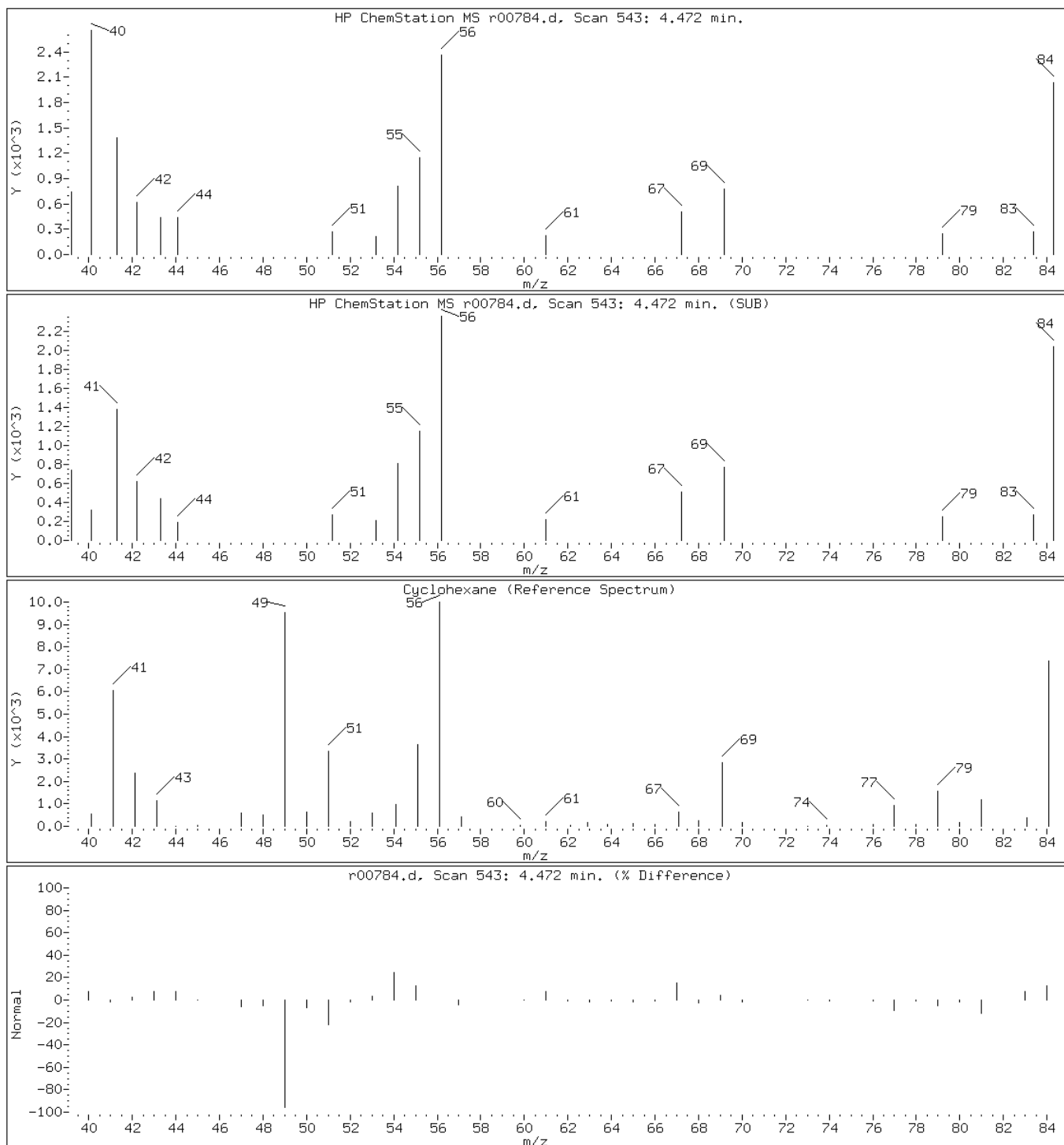
Client ID: MW08C-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-37

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW10B-CP-00-032813 Lab Sample ID: 460-53245-38

Matrix: Water Lab File ID: r00785.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:33

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 00:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	0.32	J	1.0	0.18
67-64-1	Acetone	13		5.0	2.7
75-15-0	Carbon disulfide	0.23	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.21	J	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW10B-CP-00-032813 Lab Sample ID: 460-53245-38
 Matrix: Water Lab File ID: r00785.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:33
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 00:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.35	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00785.d
 Report Date: 06-Apr-2013 08:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00785.d
 Lab Smp Id: 460-53245-C-38 Client Smp ID: MW10B-CP-00-032813
 Inj Date : 06-APR-2013 00:34
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-38
 Misc Info : 460-53245-C-38
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 35
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====	
16 Acetone	58	2.656	2.656	(0.518)	4303	13.2702	13	
18 Carbon Disulfide	76	2.733	2.739	(0.533)	2144	0.22559	0.22(aH)	
22 Methylene Chloride	84	2.997	2.997	(0.585)	1041	0.32250	0.32(a)	
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	1290	1.27351	1.3	
44 Cyclohexane	56	4.478	4.478	(0.874)	1735	0.35324	0.35(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	150132	63.9832	64	
* 52 Fluorobenzene	96	5.124	5.118	(1.000)	507963	50.0000		
54 Trichloroethene	95	5.477	5.471	(1.069)	663	0.20596	0.20(a)	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	329098	48.2810	48	
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	350808	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	136732	46.7095	47	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	197181	50.0000		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00785.d
Report Date: 06-Apr-2013 08:18

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00785.d

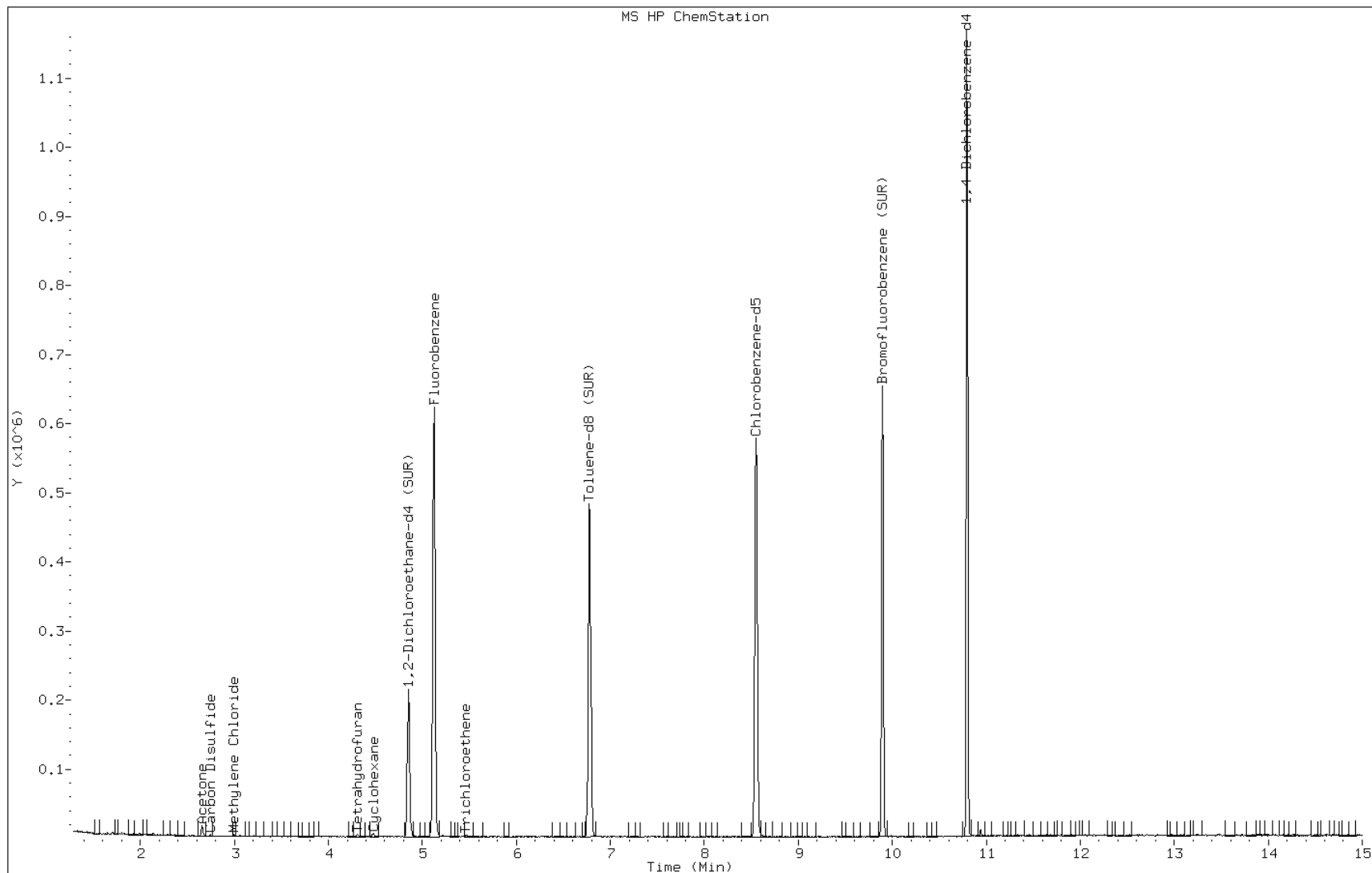
Date: 06-APR-2013 00:34

Client ID: MW10B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-38

Operator:



Data File: r00785.d

Date: 06-APR-2013 00:34

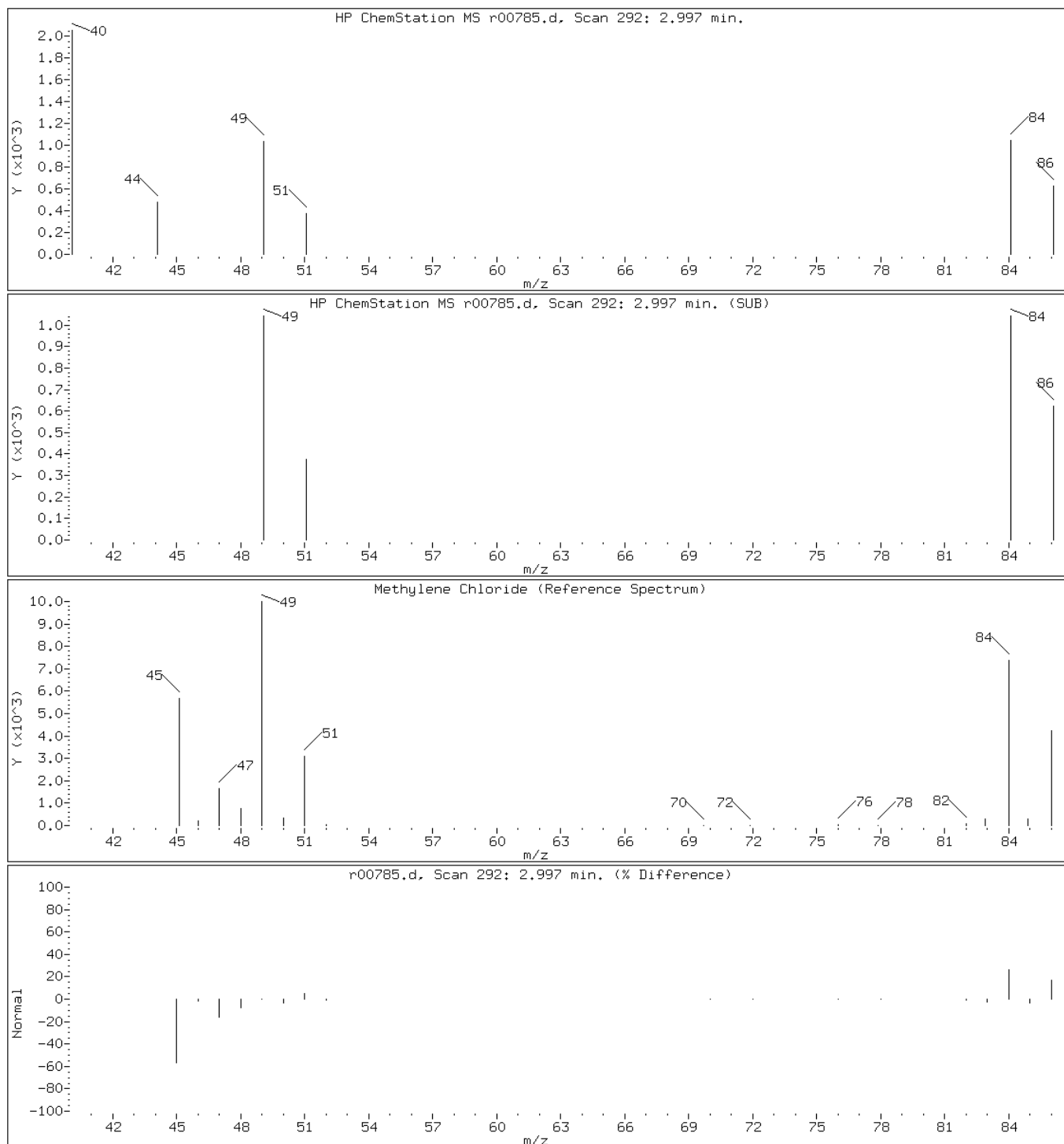
Client ID: MW10B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-38

Operator:

22 Methylene Chloride



Data File: r00785.d

Date: 06-APR-2013 00:34

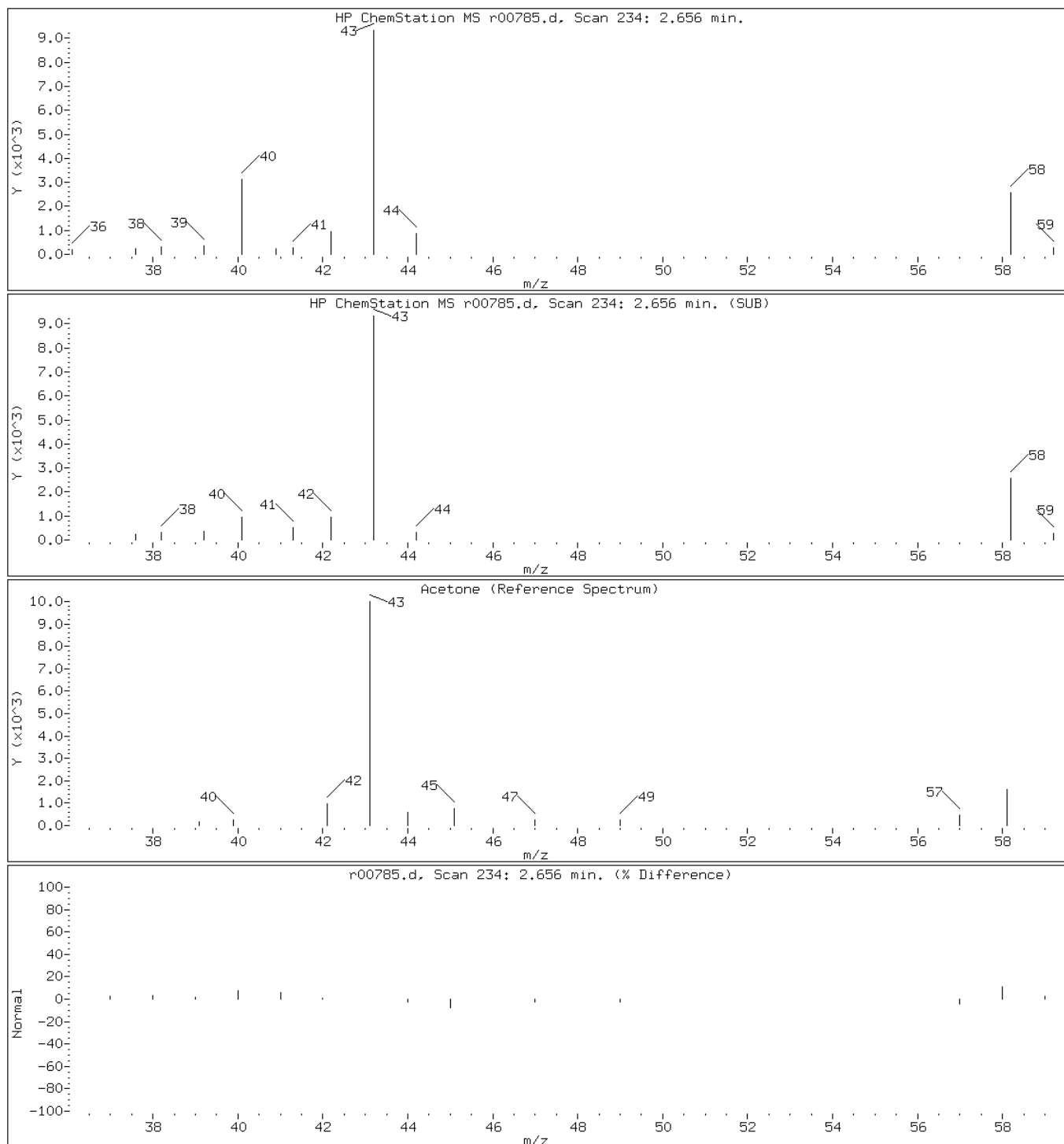
Client ID: MW10B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-38

Operator:

16 Acetone



Data File: r00785.d

Date: 06-APR-2013 00:34

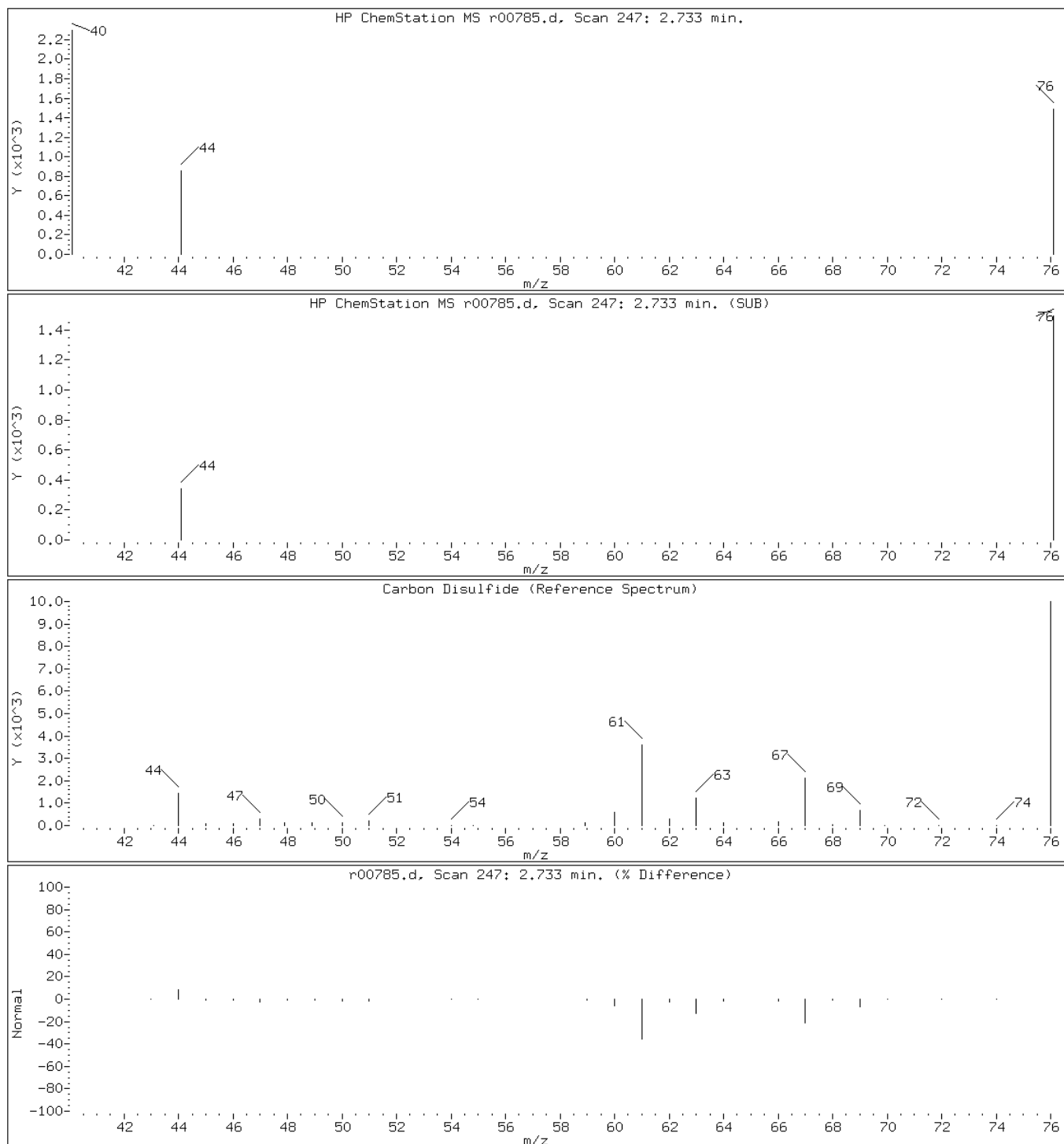
Client ID: MW10B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-38

Operator:

18 Carbon Disulfide



Data File: r00785.d

Date: 06-APR-2013 00:34

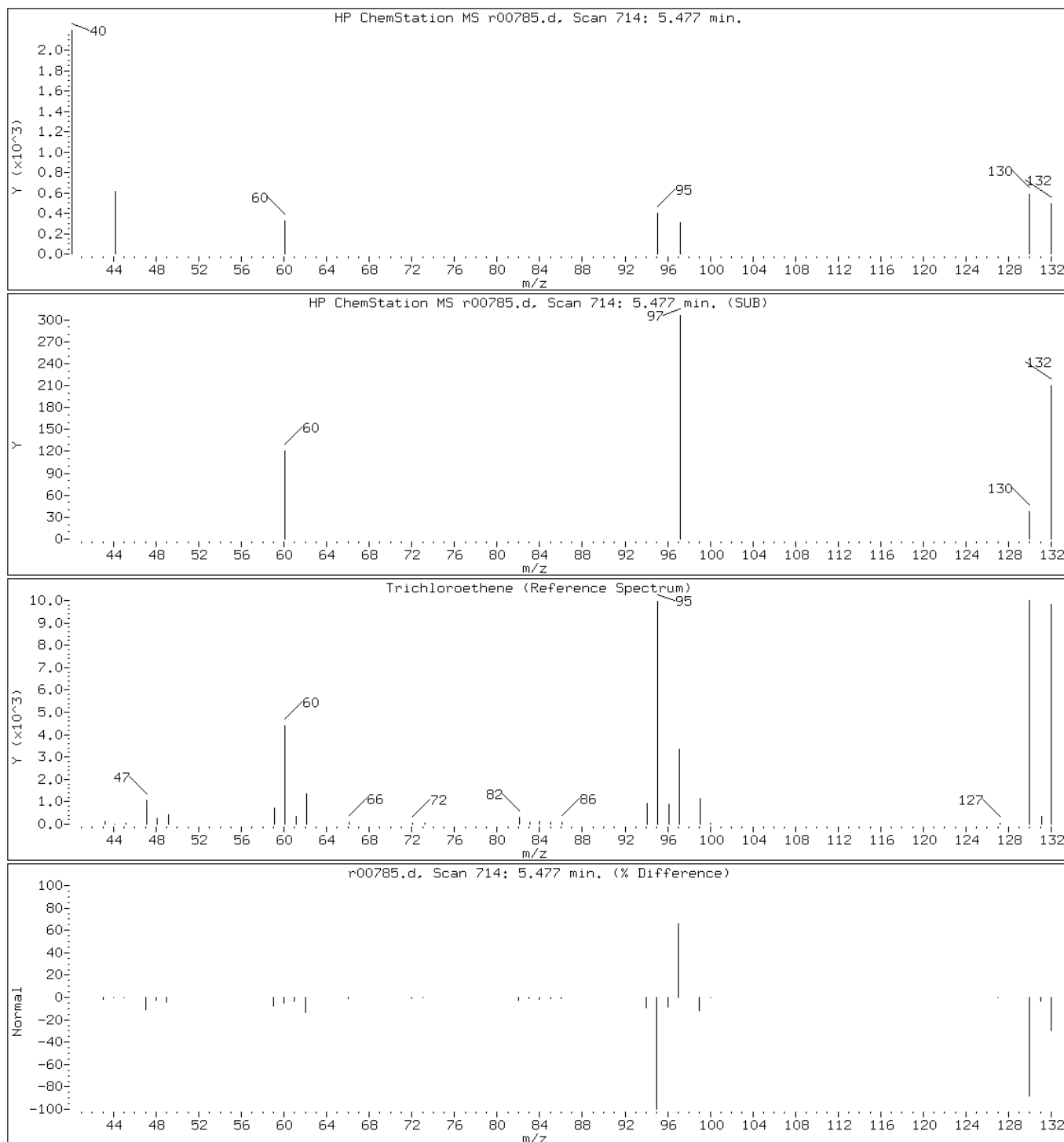
Client ID: MW10B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-38

Operator:

54 Trichloroethene



Data File: r00785.d

Date: 06-APR-2013 00:34

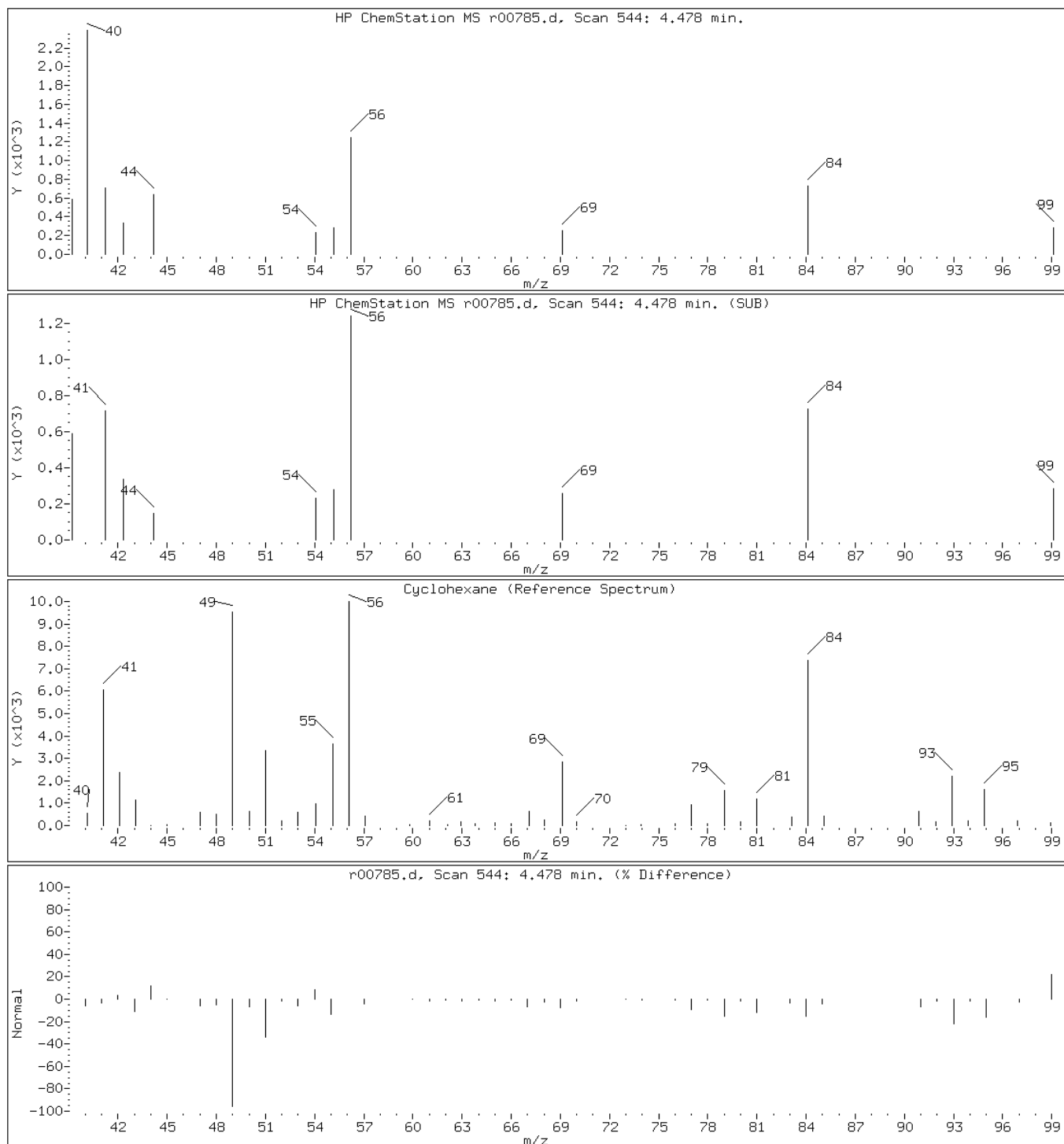
Client ID: MW10B-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-38

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW10C-CP-00-0328133 Lab Sample ID: 460-53245-39

Matrix: Water Lab File ID: r00786.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:42

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 01:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	16		5.0	2.7
75-15-0	Carbon disulfide	0.30	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.3		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.84	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW10C-CP-00-0328133 Lab Sample ID: 460-53245-39
 Matrix: Water Lab File ID: r00786.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:42
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 01:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	129		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00786.d
 Report Date: 06-Apr-2013 08:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00786.d
 Lab Smp Id: 460-53245-C-39 Client Smp ID: MW10C-CP-00-0328133
 Inj Date : 06-APR-2013 01:00
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-39
 Misc Info : 460-53245-C-39
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 36
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone		58	2.656	2.656 (0.518)		5146	15.9773	16
18 Carbon Disulfide		76	2.739	2.739 (0.534)		2789	0.29544	0.30(a)
41 Tetrahydrofuran		42	4.307	4.301 (0.841)		1631	1.62104	1.6
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.854 (0.947)		149965	64.3444	64
* 52 Fluorobenzene		96	5.124	5.118 (1.000)		504550	50.0000	
54 Trichloroethene		95	5.471	5.471 (1.068)		4220	1.31980	1.3
\$ 65 Toluene-d8 (SUR)		98	6.775	6.775 (0.792)		327281	49.0428	49
71 Tetrachloroethene		166	7.457	7.457 (0.872)		2642	0.84177	0.84(a)
* 78 Chlorobenzene-d5		117	8.550	8.550 (1.000)		343452	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895 (0.917)		138949	51.3156	51
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794 (1.000)		182392	50.0000	

QC Flag Legend

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

Data File: r00786.d

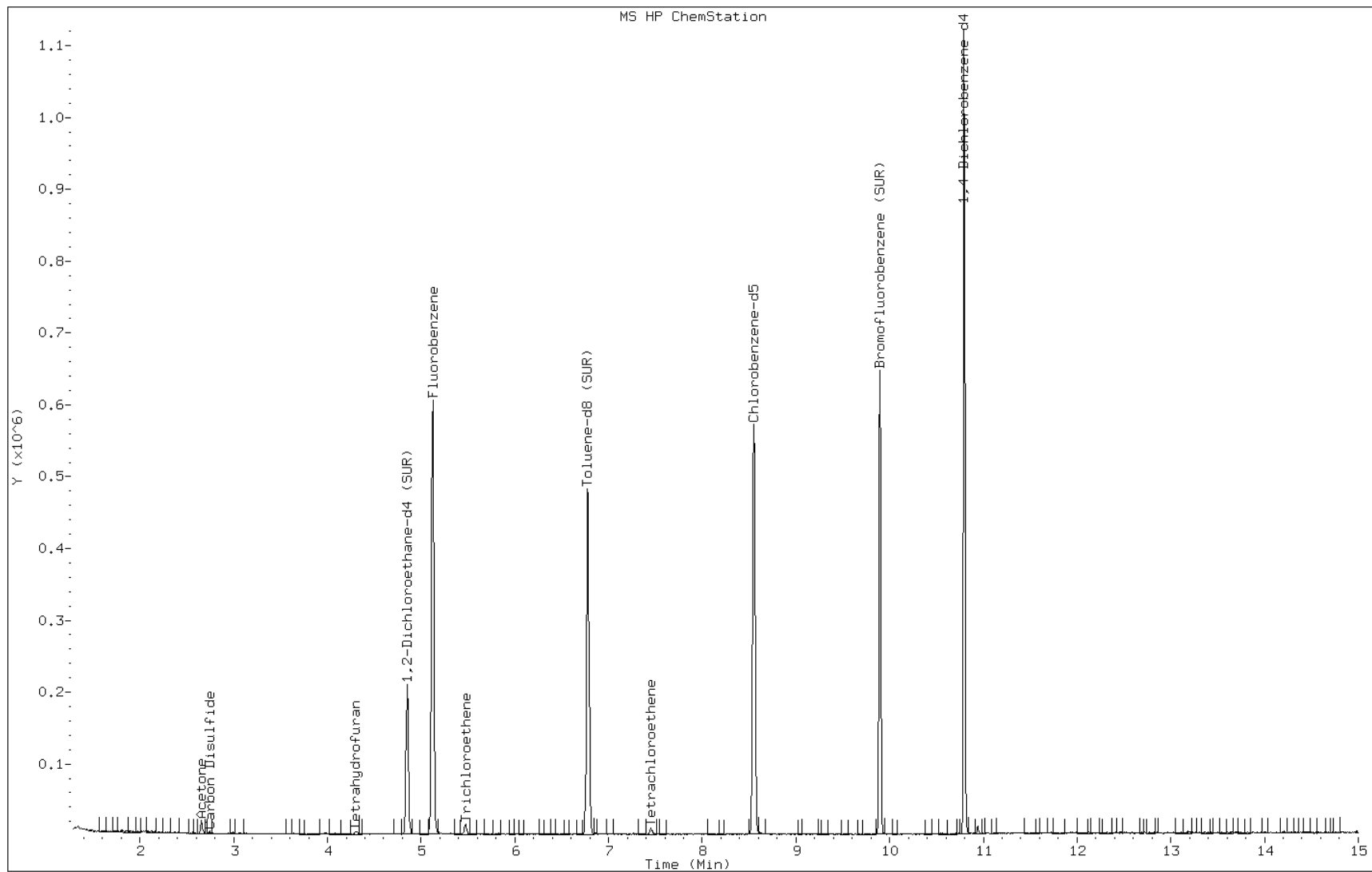
Date: 06-APR-2013 01:00

Client ID: MW10C-CP-00-0328133

Instrument: VOAMS10.i

Sample Info: 460-53245-C-39

Operator:



Data File: r00786.d

Date: 06-APR-2013 01:00

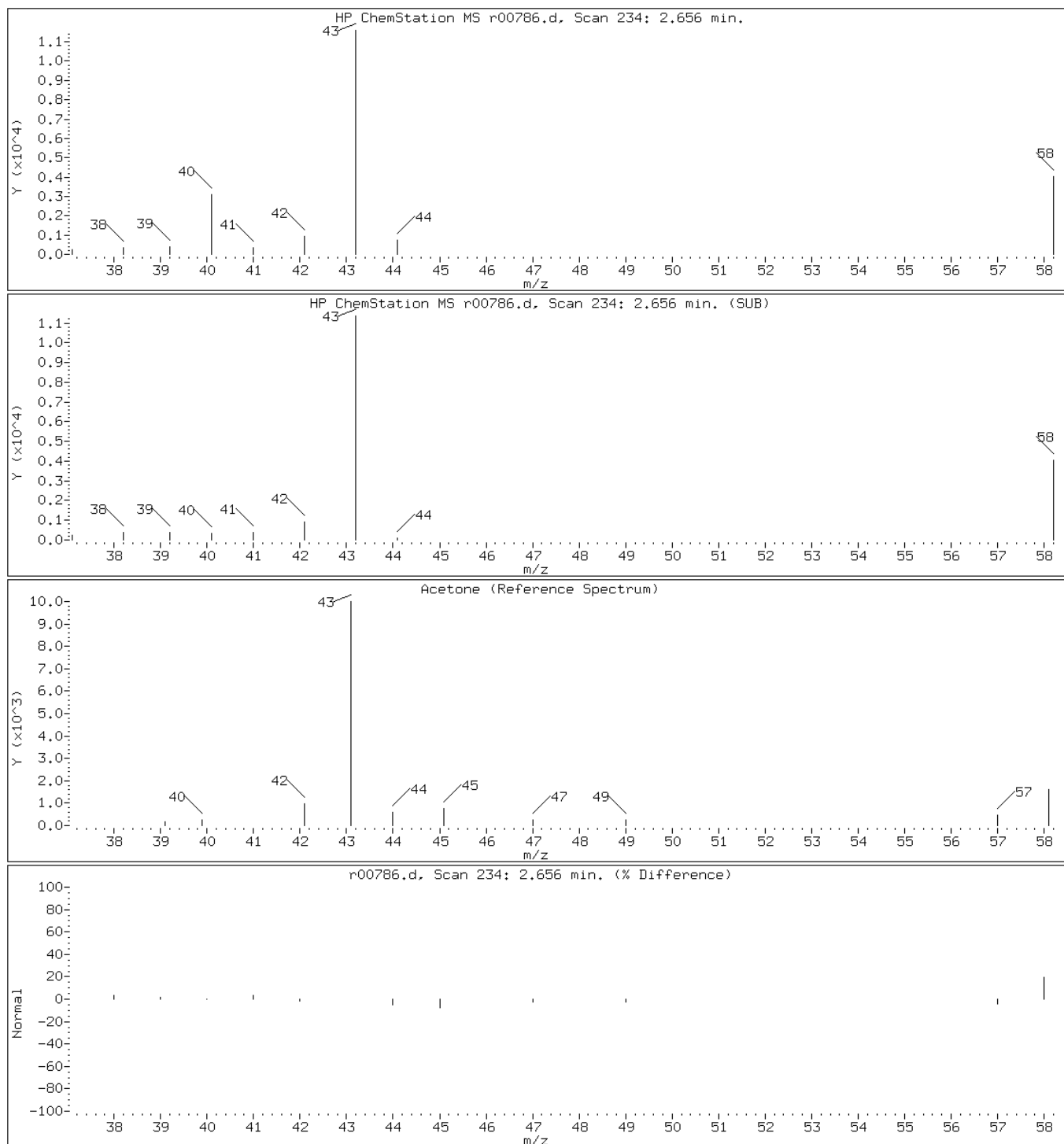
Client ID: MW10C-CP-00-0328133

Instrument: VOAMS10.i

Sample Info: 460-53245-C-39

Operator:

16 Acetone



Data File: r00786.d

Date: 06-APR-2013 01:00

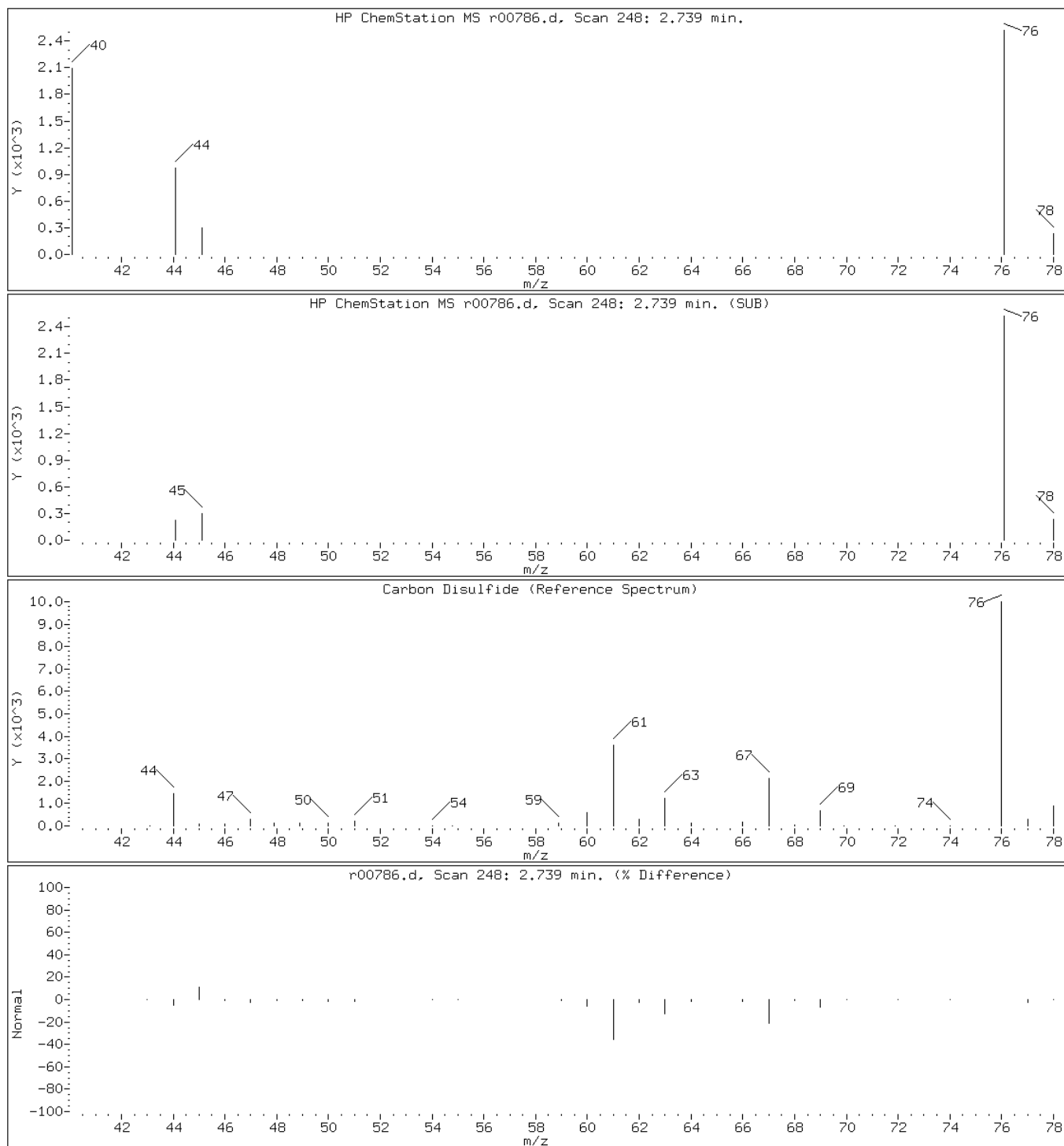
Client ID: MW10C-CP-00-0328133

Instrument: VOAMS10.i

Sample Info: 460-53245-C-39

Operator:

18 Carbon Disulfide



Data File: r00786.d

Date: 06-APR-2013 01:00

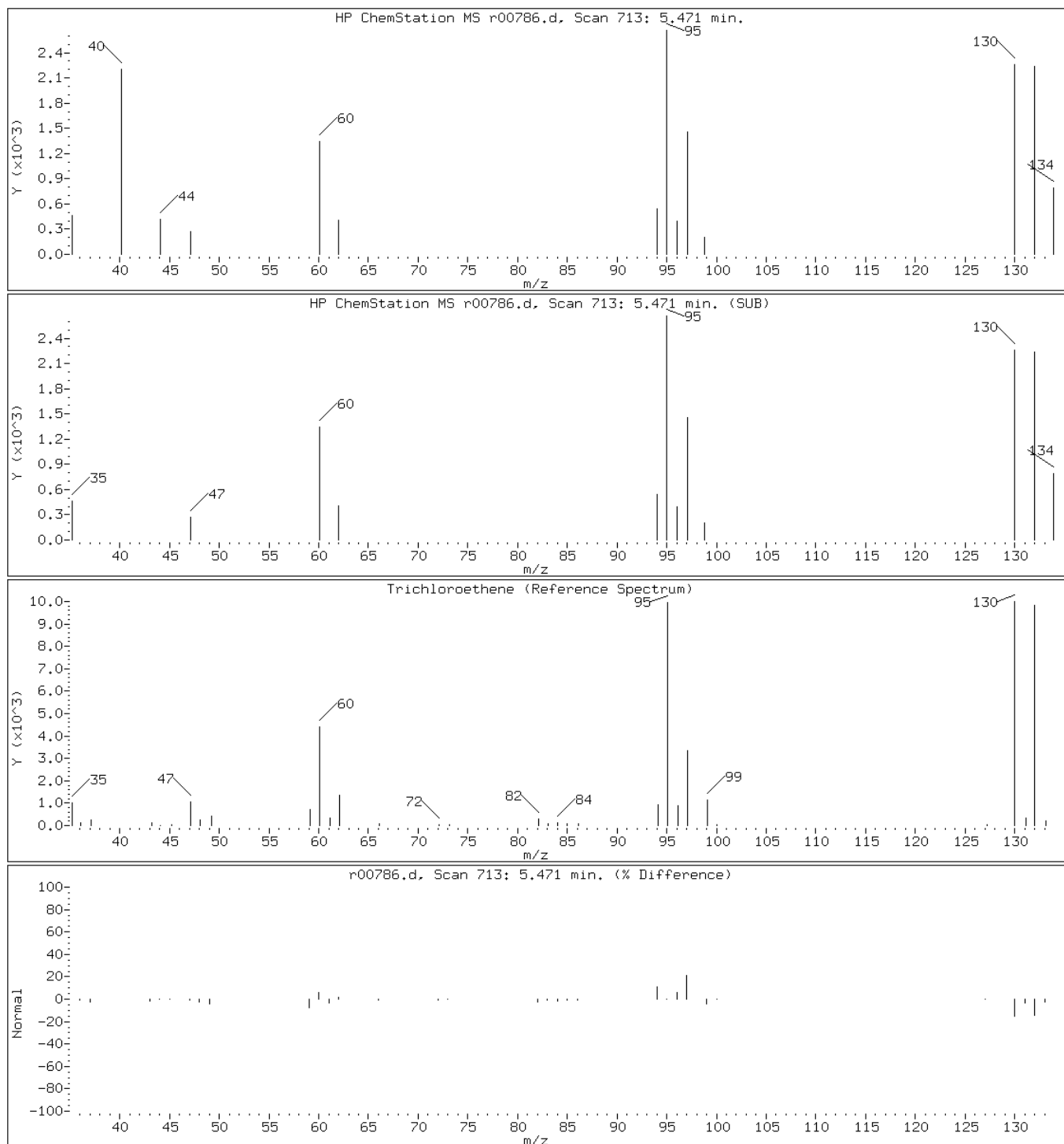
Client ID: MW10C-CP-00-0328133

Instrument: VOAMS10.i

Sample Info: 460-53245-C-39

Operator:

54 Trichloroethene



Data File: r00786.d

Date: 06-APR-2013 01:00

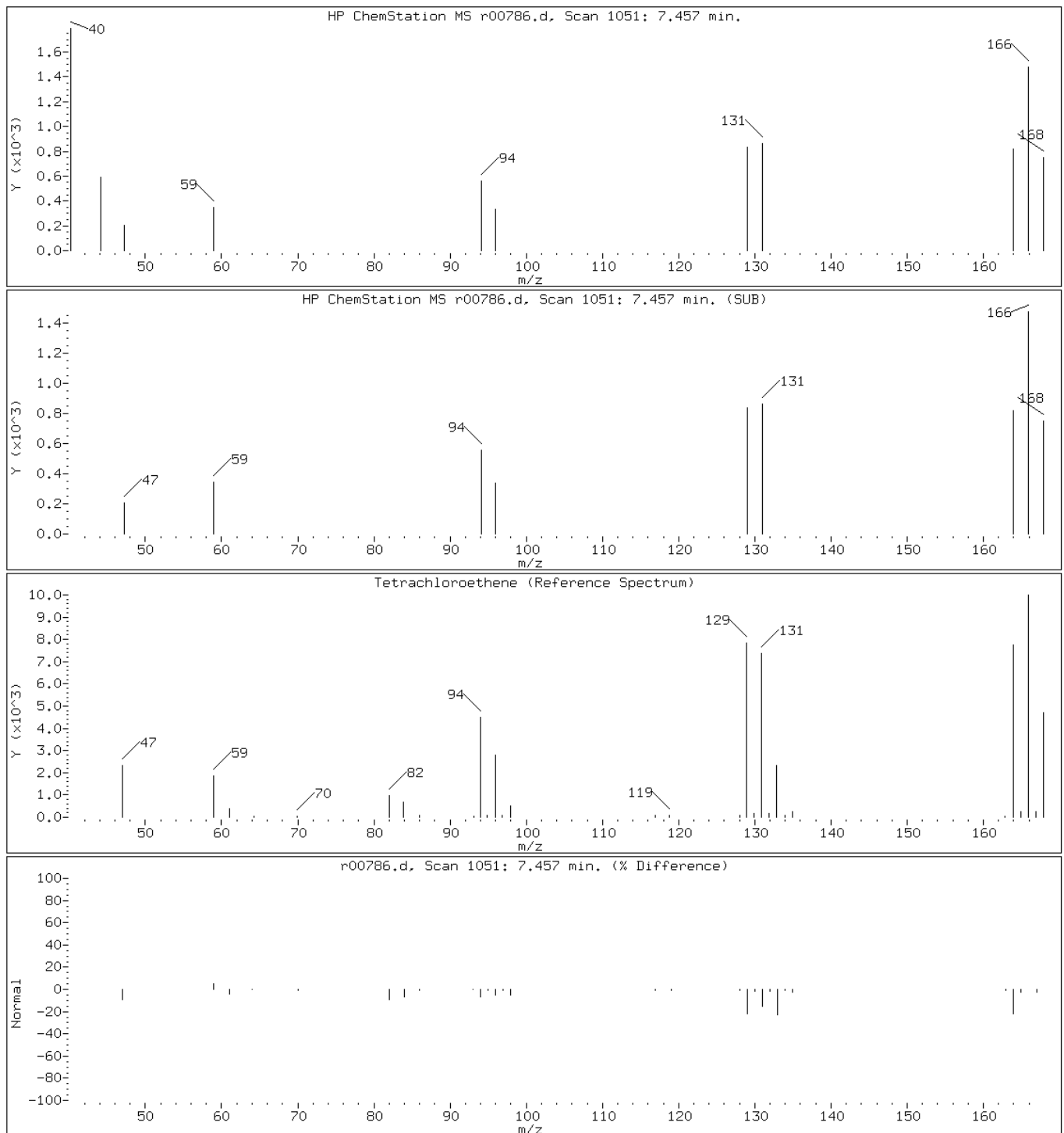
Client ID: MW10C-CP-00-0328133

Instrument: VOAMS10.i

Sample Info: 460-53245-C-39

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: MW10D-CP-00-032813 Lab Sample ID: 460-53245-40

Matrix: Water Lab File ID: r00787.d

Analysis Method: 8260B Date Collected: 03/25/2013 10:48

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 01:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.63	J	1.0	0.090
75-34-3	1,1-Dichloroethane	0.82	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.74	J	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.82	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	6.2		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	4.6		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: MW10D-CP-00-032813 Lab Sample ID: 460-53245-40
 Matrix: Water Lab File ID: r00787.d
 Analysis Method: 8260B Date Collected: 03/25/2013 10:48
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 01:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.87	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	127		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00787.d
 Report Date: 06-Apr-2013 08:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00787.d
 Lab Smp Id: 460-53245-C-40 Client Smp ID: MW10D-CP-00-032813
 Inj Date : 06-APR-2013 01:25
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-40
 Misc Info : 460-53245-C-40
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 37
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	1552	0.62790	0.63(a)	
16 Acetone	58	2.656	2.656	(0.518)	3725	11.5006	12	
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	4261	0.81655	0.82(a)	
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	2594	0.74191	0.74(a)	
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	1496	1.47853	1.5	
44 Cyclohexane	56	4.472	4.478	(0.873)	4287	0.87379	0.87(a)	
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	3947	0.82260	0.82(a)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	148984	63.5651	64	
* 52 Fluorobenzene	96	5.124	5.118	(1.000)	507394	50.0000		
54 Trichloroethene	95	5.471	5.471	(1.068)	19988	6.21620	6.2	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	326445	49.3431	49	
71 Tetrachloroethene	166	7.463	7.457	(0.873)	14374	4.61953	4.6	
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	340490	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	136144	46.6212	47	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	196705	50.0000		
M 120 1,2-Dichloroethene (Total)	100				2594	0.74191	0.74(a)	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00787.d
Report Date: 06-Apr-2013 08:28

QC Flag Legend

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

Data File: r00787.d

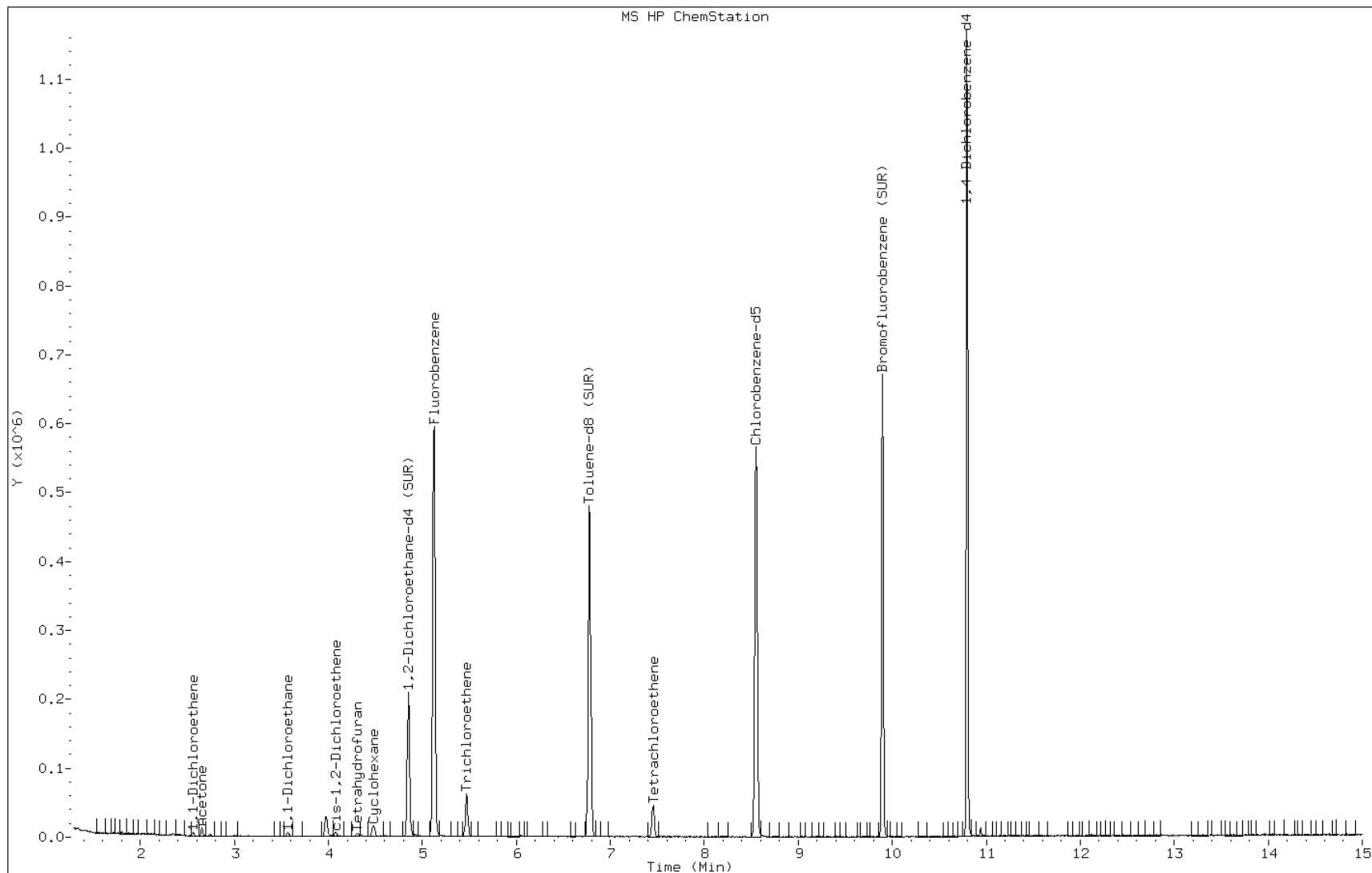
Date: 06-APR-2013 01:25

Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:



Data File: r00787.d

Date: 06-APR-2013 01:25

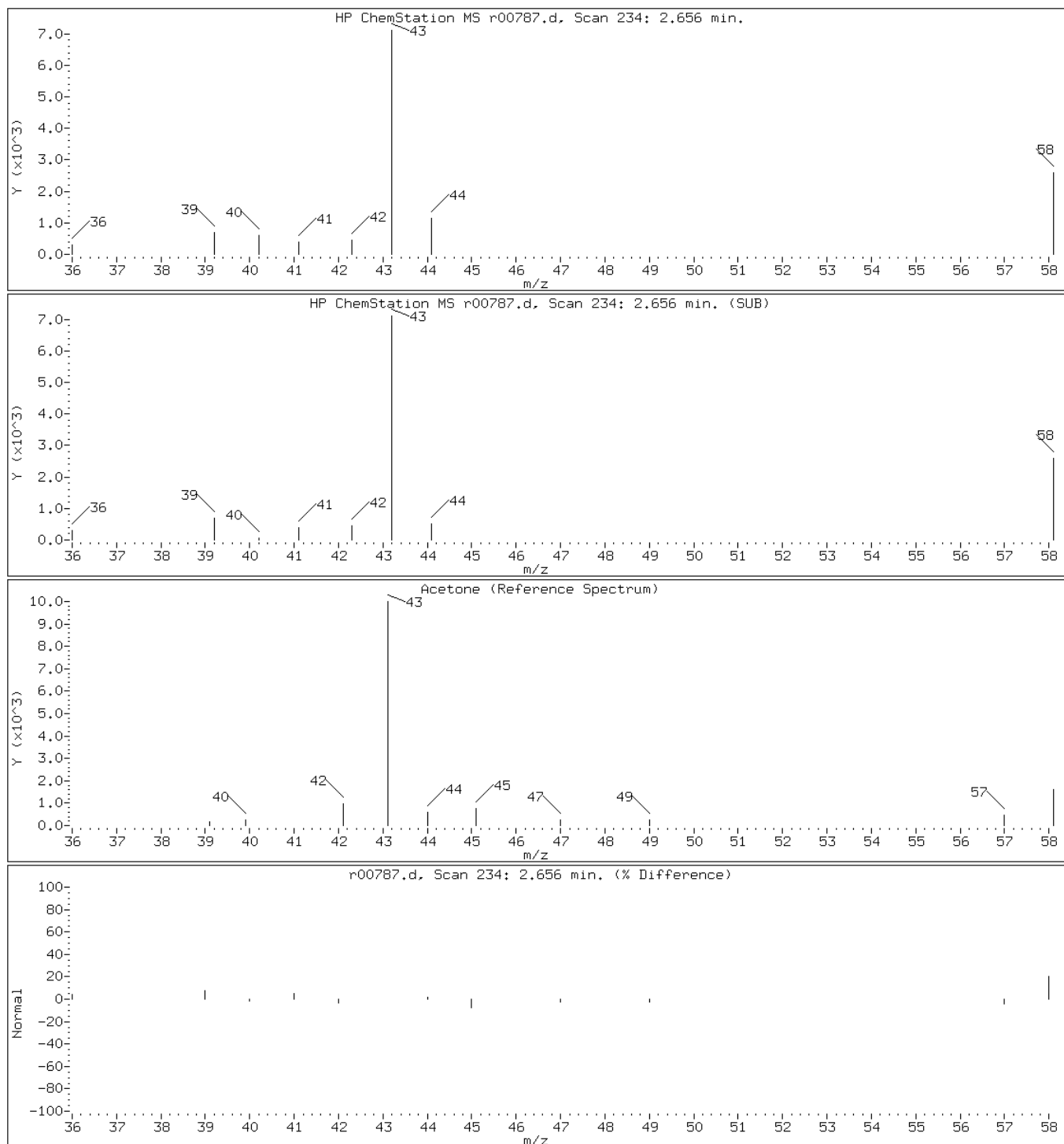
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

16 Acetone



Data File: r00787.d

Date: 06-APR-2013 01:25

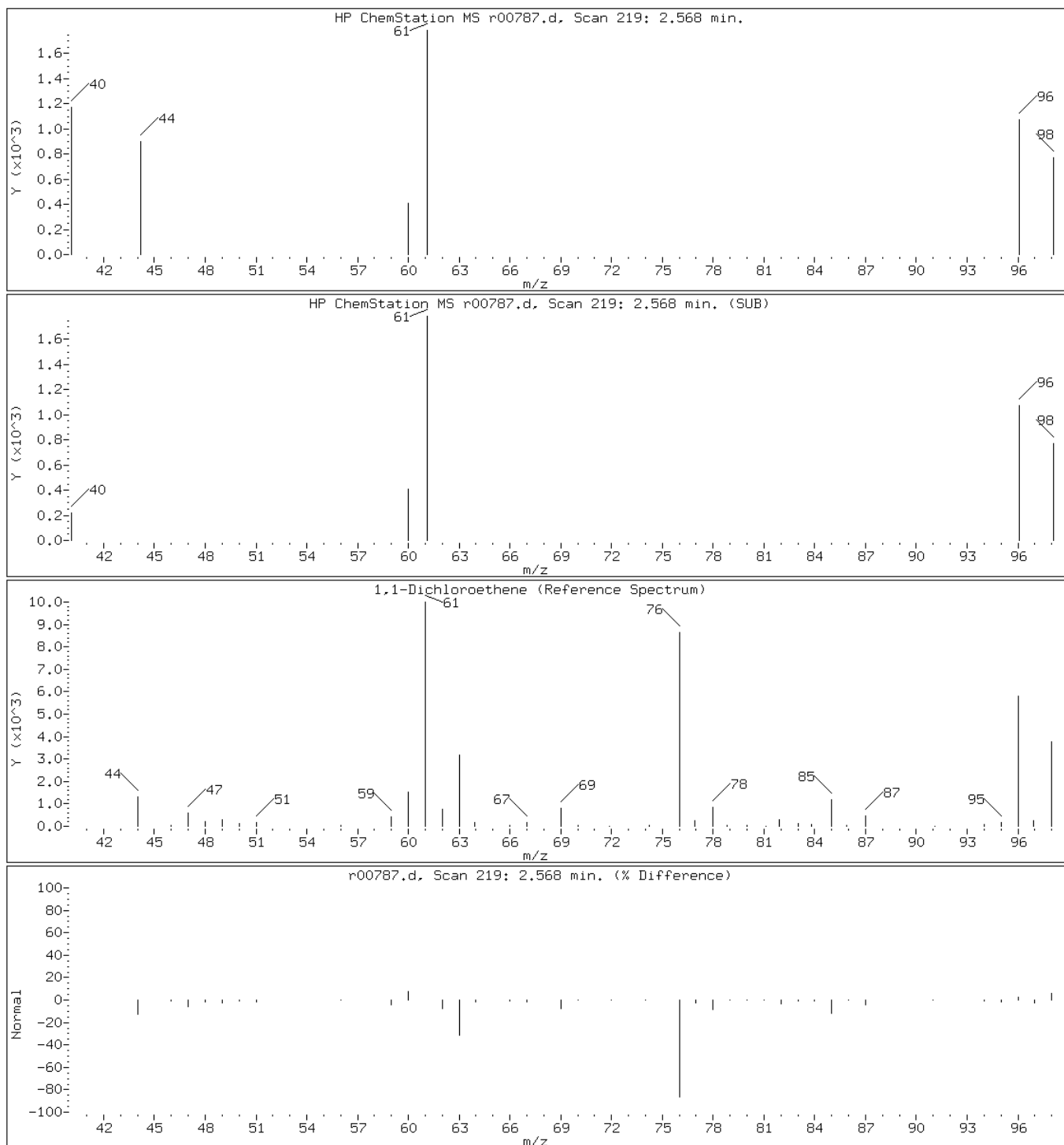
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

15 1,1-Dichloroethene



Data File: r00787.d

Date: 06-APR-2013 01:25

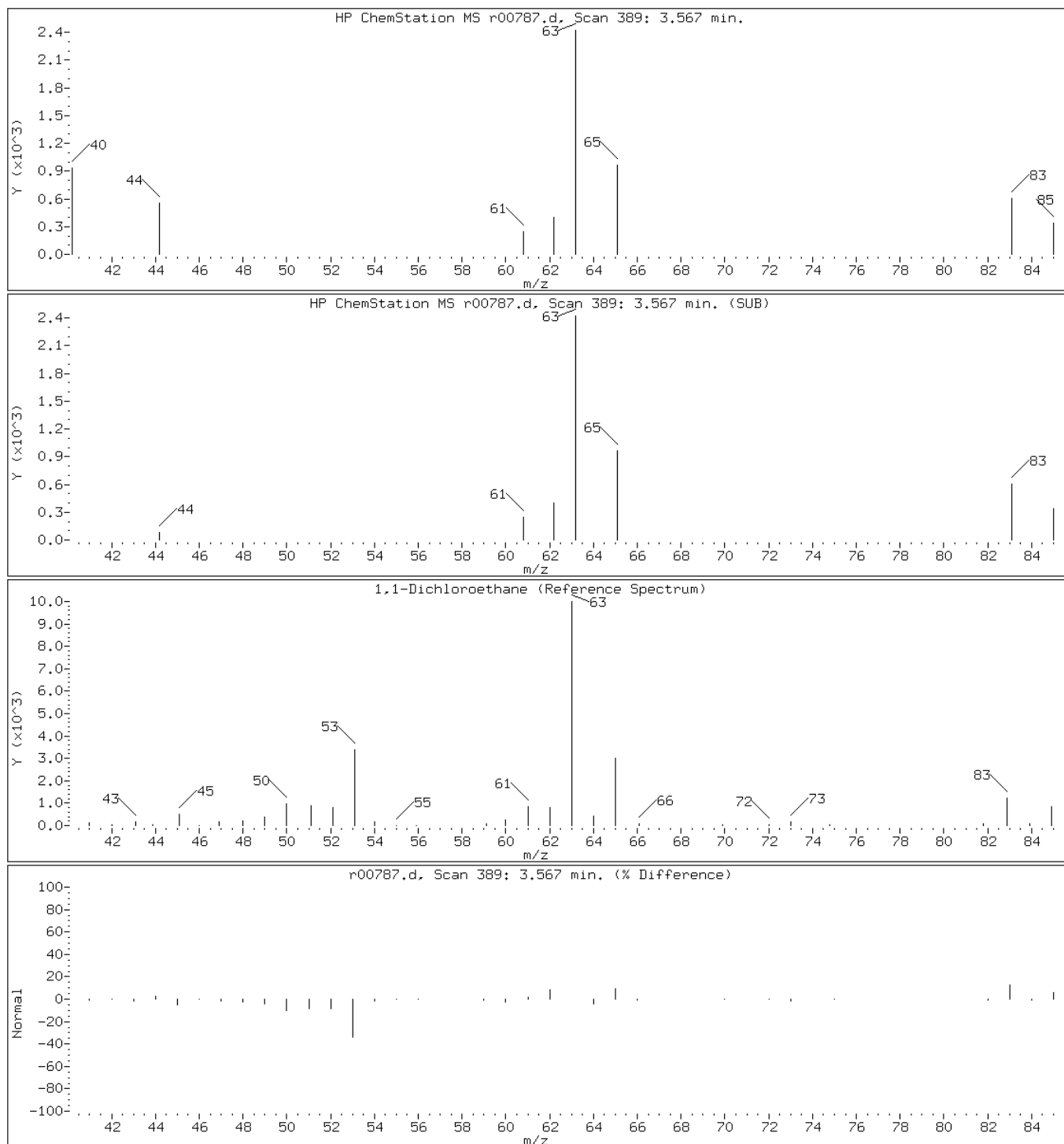
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

30 1,1-Dichloroethane



Data File: r00787.d

Date: 06-APR-2013 01:25

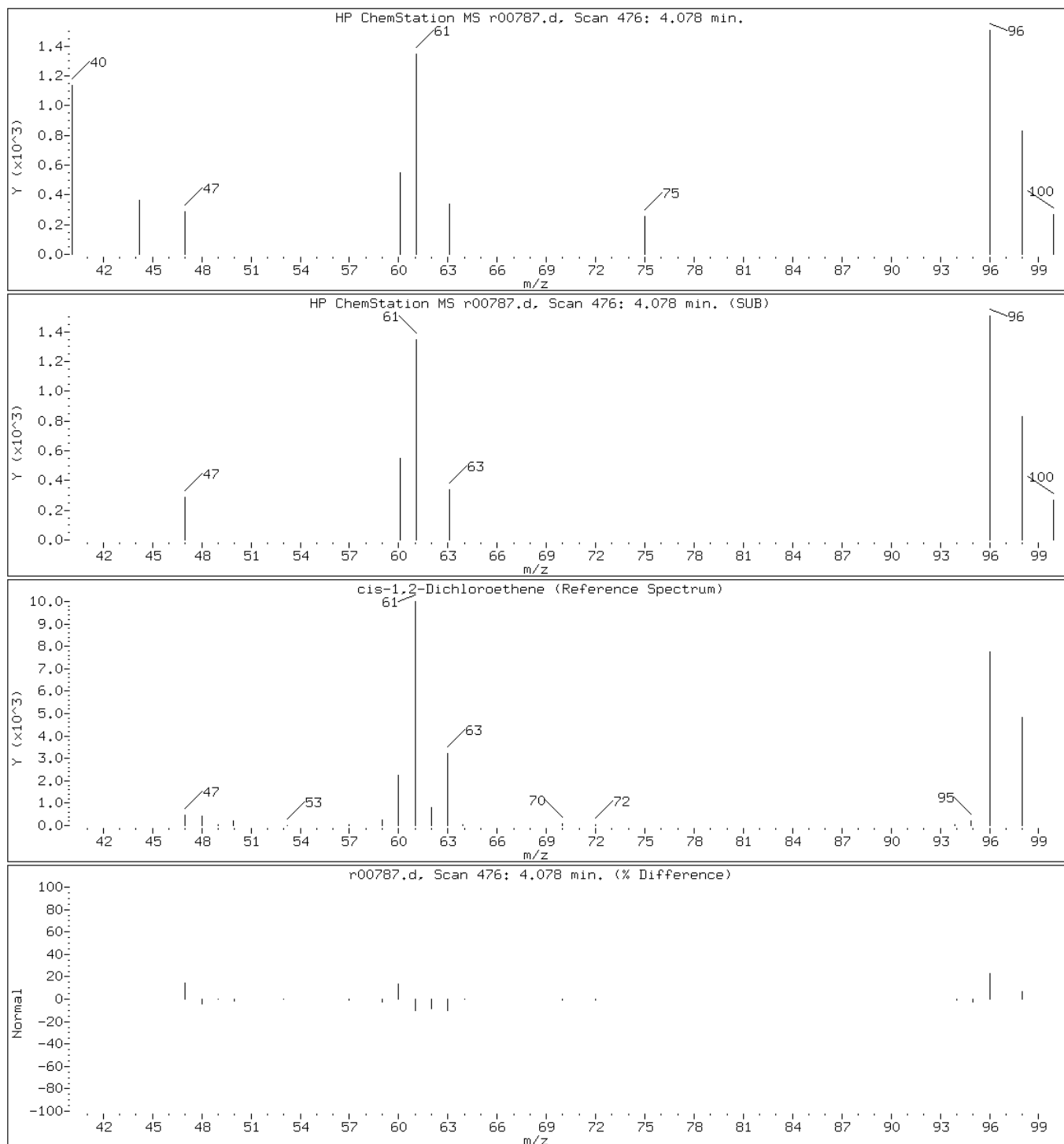
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

36 cis-1,2-Dichloroethene



Data File: r00787.d

Date: 06-APR-2013 01:25

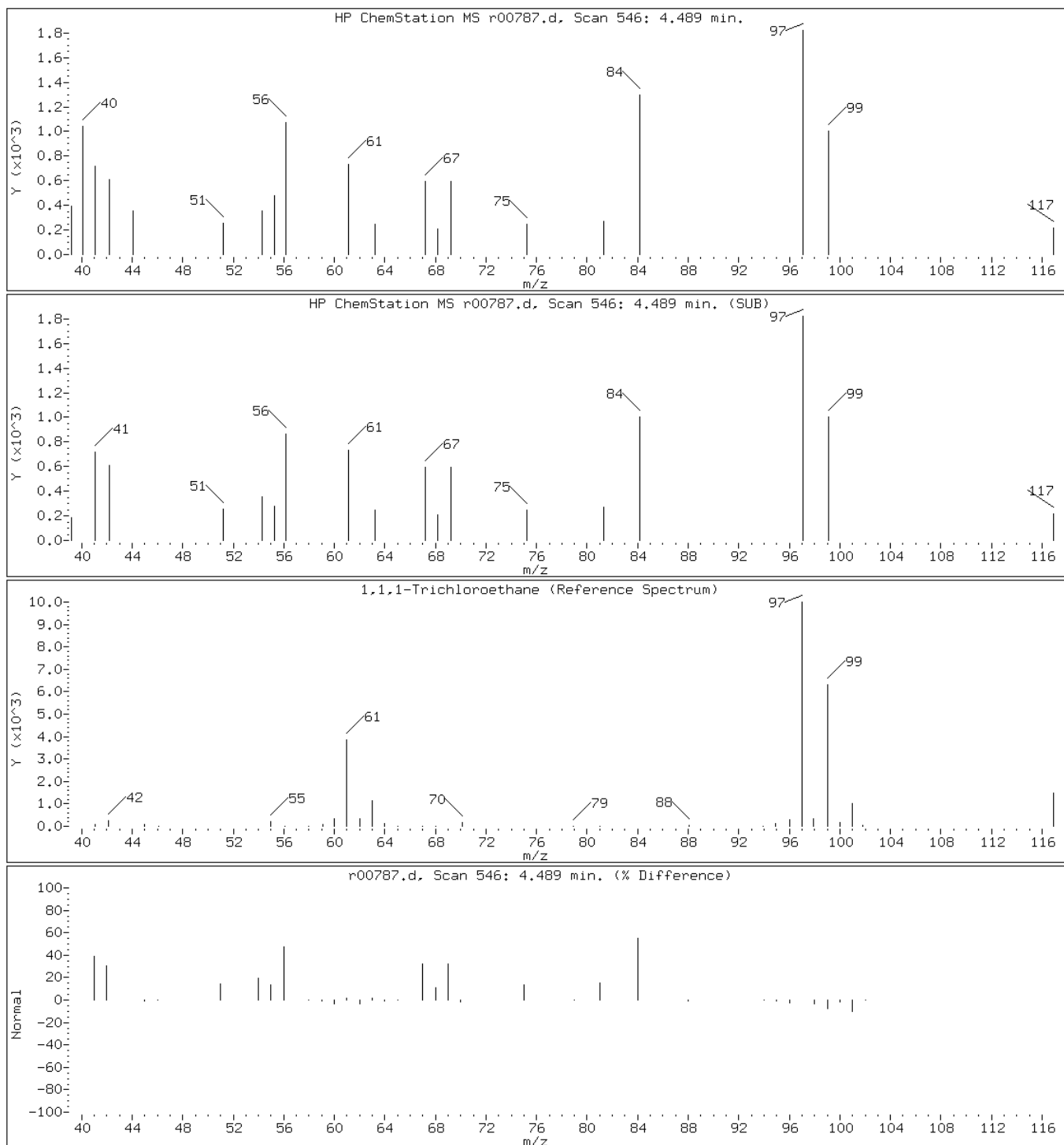
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

43 1,1,1-Trichloroethane



Data File: r00787.d

Date: 06-APR-2013 01:25

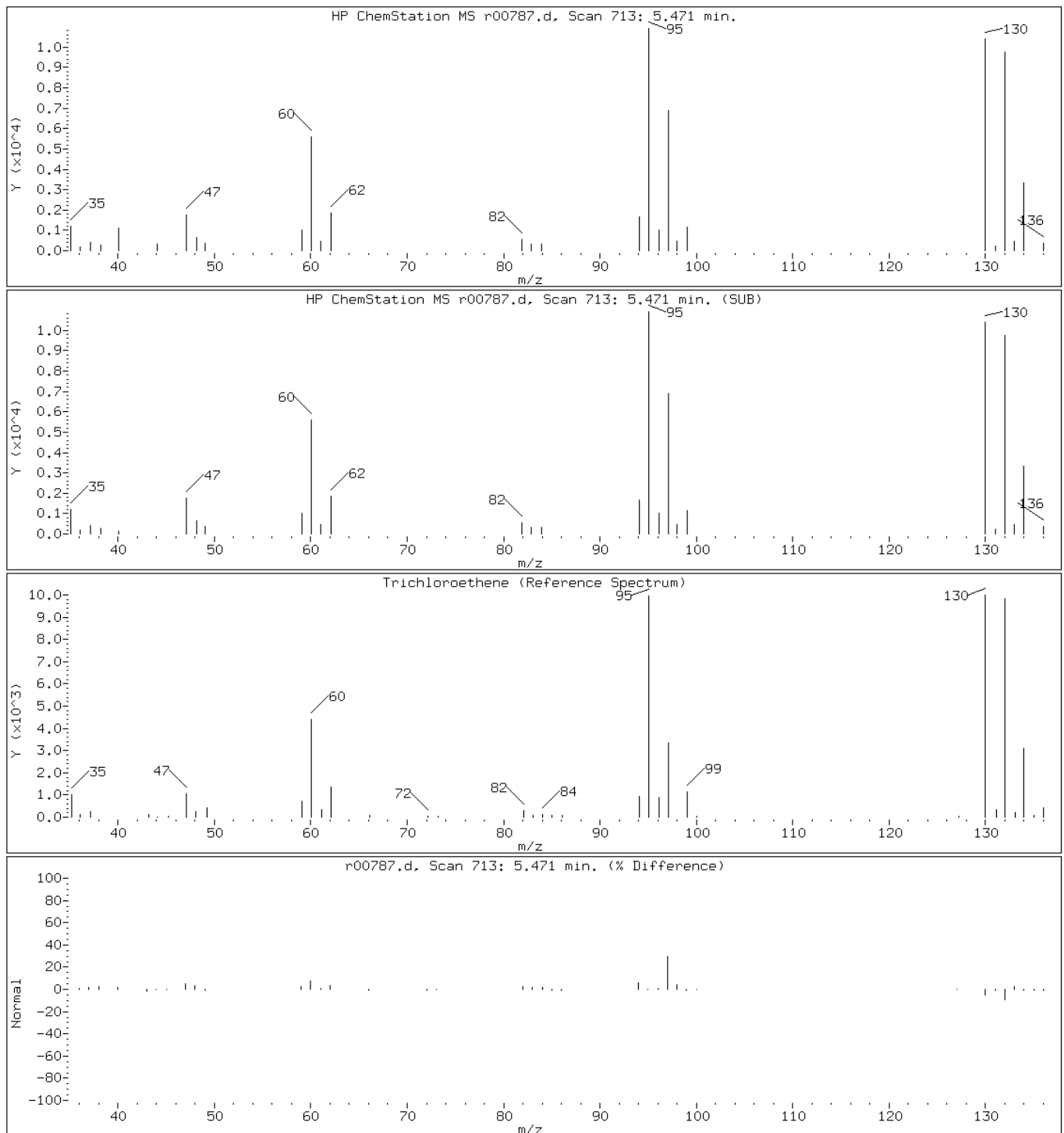
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

54 Trichloroethene



Data File: r00787.d

Date: 06-APR-2013 01:25

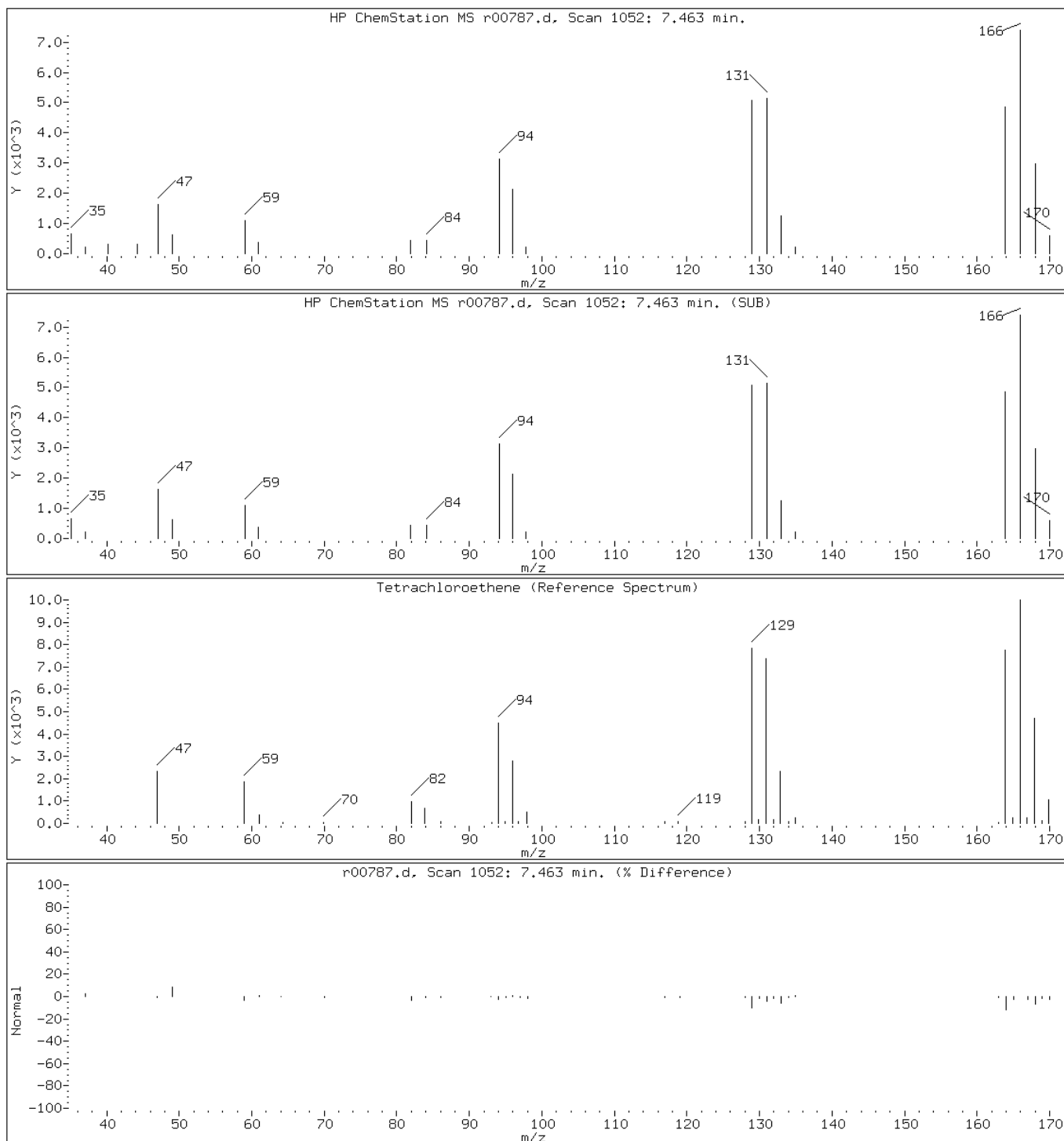
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

71 Tetrachloroethene



Data File: r00787.d

Date: 06-APR-2013 01:25

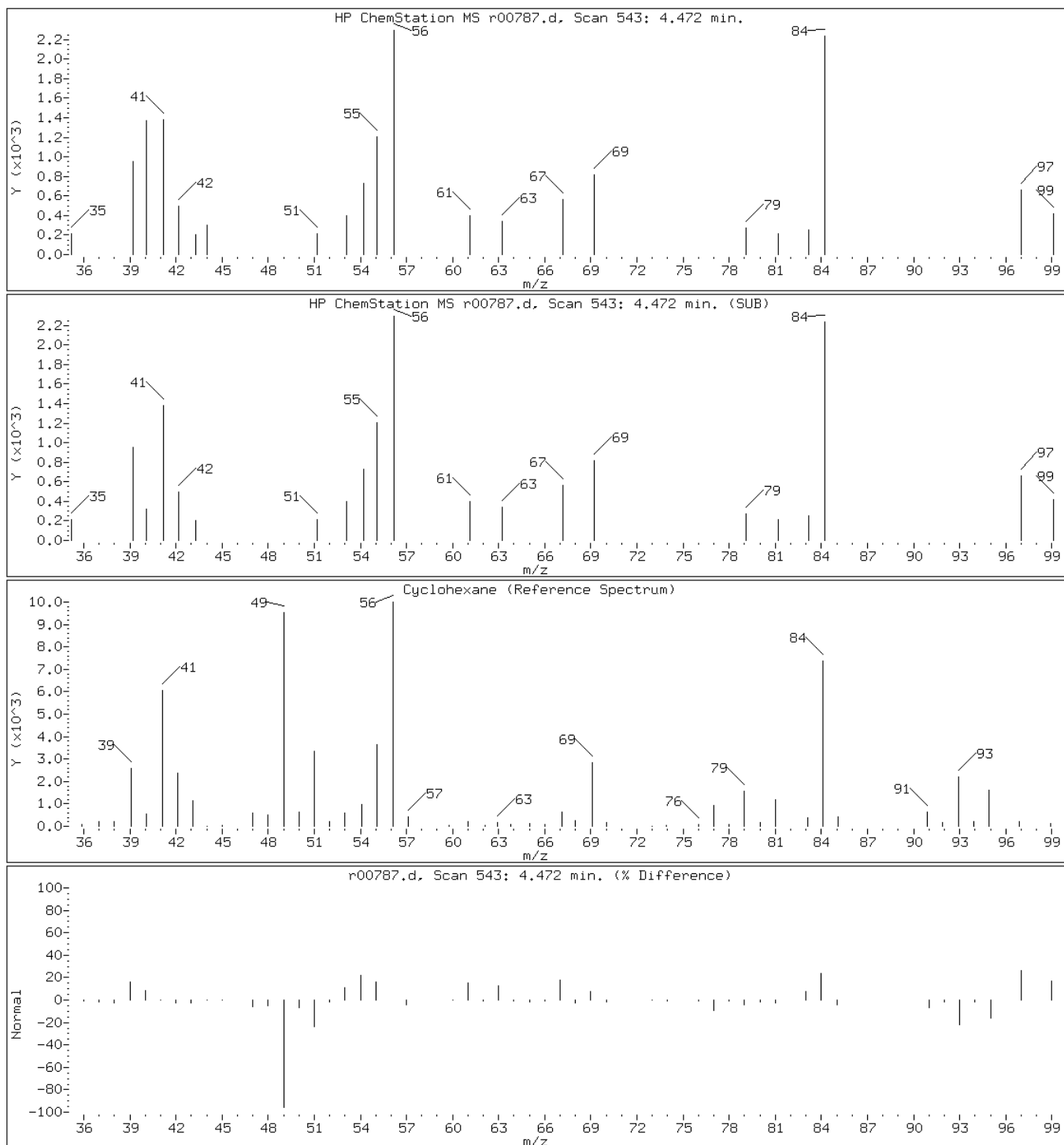
Client ID: MW10D-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-40

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: SW1-CP-00-032813 Lab Sample ID: 460-53245-41

Matrix: Water Lab File ID: r00788.d

Analysis Method: 8260B Date Collected: 03/25/2013 08:31

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 01:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	0.27	J	1.0	0.18
67-64-1	Acetone	15		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	5.9		1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	15		1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	110		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: SW1-CP-00-032813 Lab Sample ID: 460-53245-41
 Matrix: Water Lab File ID: r00788.d
 Analysis Method: 8260B Date Collected: 03/25/2013 08:31
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 01:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.67	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00788.d
 Report Date: 06-Apr-2013 08:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00788.d
 Lab Smp Id: 460-53245-C-41 Client Smp ID: SW1-CP-00-032813
 Inj Date : 06-APR-2013 01:51
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-41
 Misc Info : 460-53245-C-41
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 38
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
								(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Acetone	58		2.650	2.656	(0.517)		4931	15.4217	15
22 Methylene Chloride	84		2.991	2.997	(0.584)		857	0.26939	0.27(a)
36 cis-1,2-Dichloroethene	96		4.078	4.078	(0.796)		20261	5.86979	5.9
41 Tetrahydrofuran	42		4.301	4.301	(0.839)		2049	2.05167	2.0
44 Cyclohexane	56		4.478	4.478	(0.874)		3250	0.67116	0.67(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		4.854	4.854	(0.947)		148468	64.1619	64
* 52 Fluorobenzene	96		5.124	5.118	(1.000)		500937	50.0000	
54 Trichloroethene	95		5.471	5.471	(1.068)		47893	15.0868	15
\$ 65 Toluene-d8 (SUR)	98		6.775	6.775	(0.792)		325129	48.5879	48
71 Tetrachloroethene	166		7.456	7.457	(0.872)		349886	111.174	110(H)
* 78 Chlorobenzene-d5	117		8.549	8.550	(1.000)		344389	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174		9.895	9.895	(0.917)		136308	47.8446	48
* 108 1,4-Dichlorobenzene-d4	152		10.794	10.794	(1.000)		191905	50.0000	
M 120 1,2-Dichloroethene (Total)	100						20261	5.86979	5.9

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00788.d
Report Date: 06-Apr-2013 08:34

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00788.d

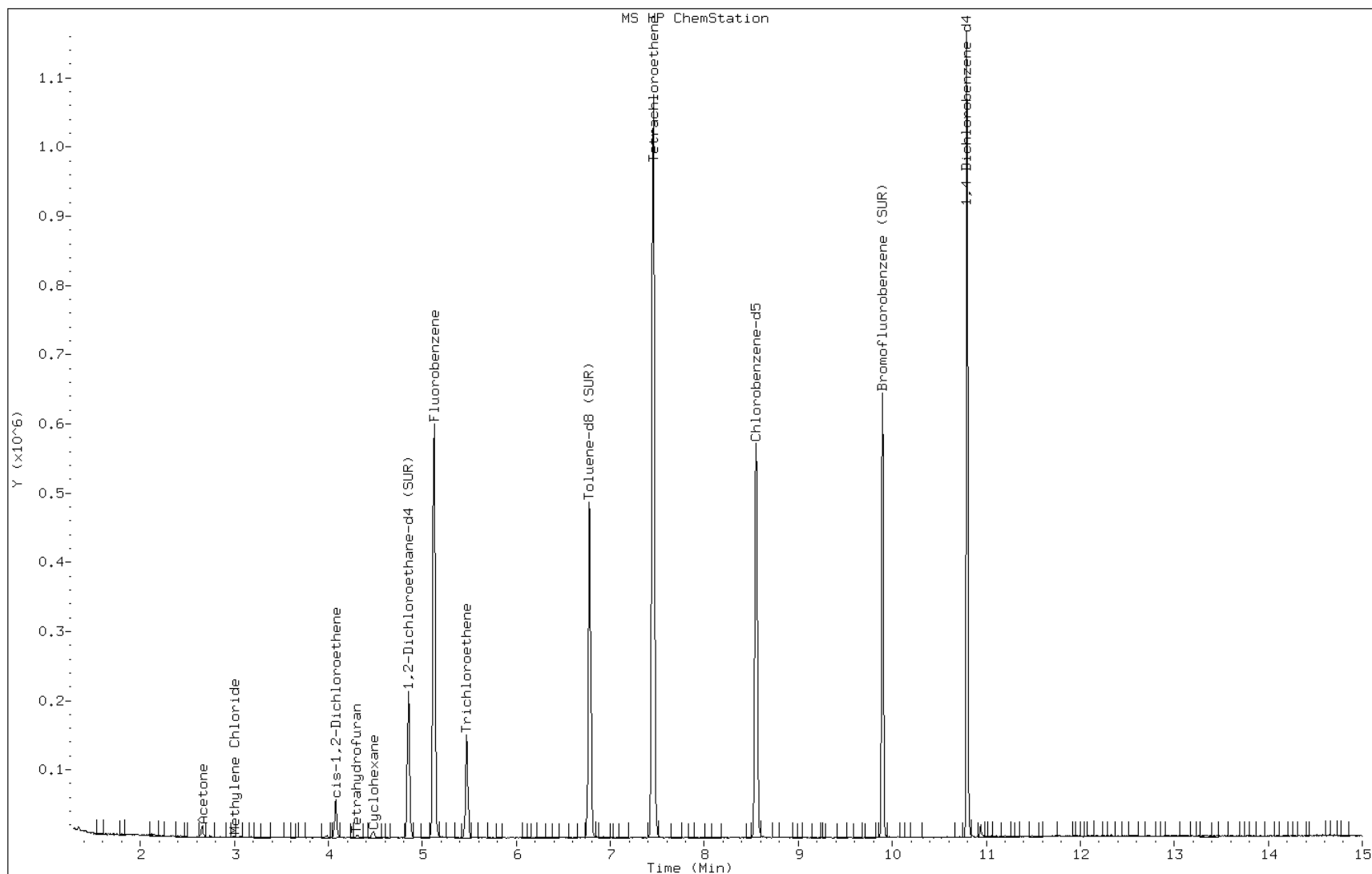
Date: 06-APR-2013 01:51

Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:



Data File: r00788.d

Date: 06-APR-2013 01:51

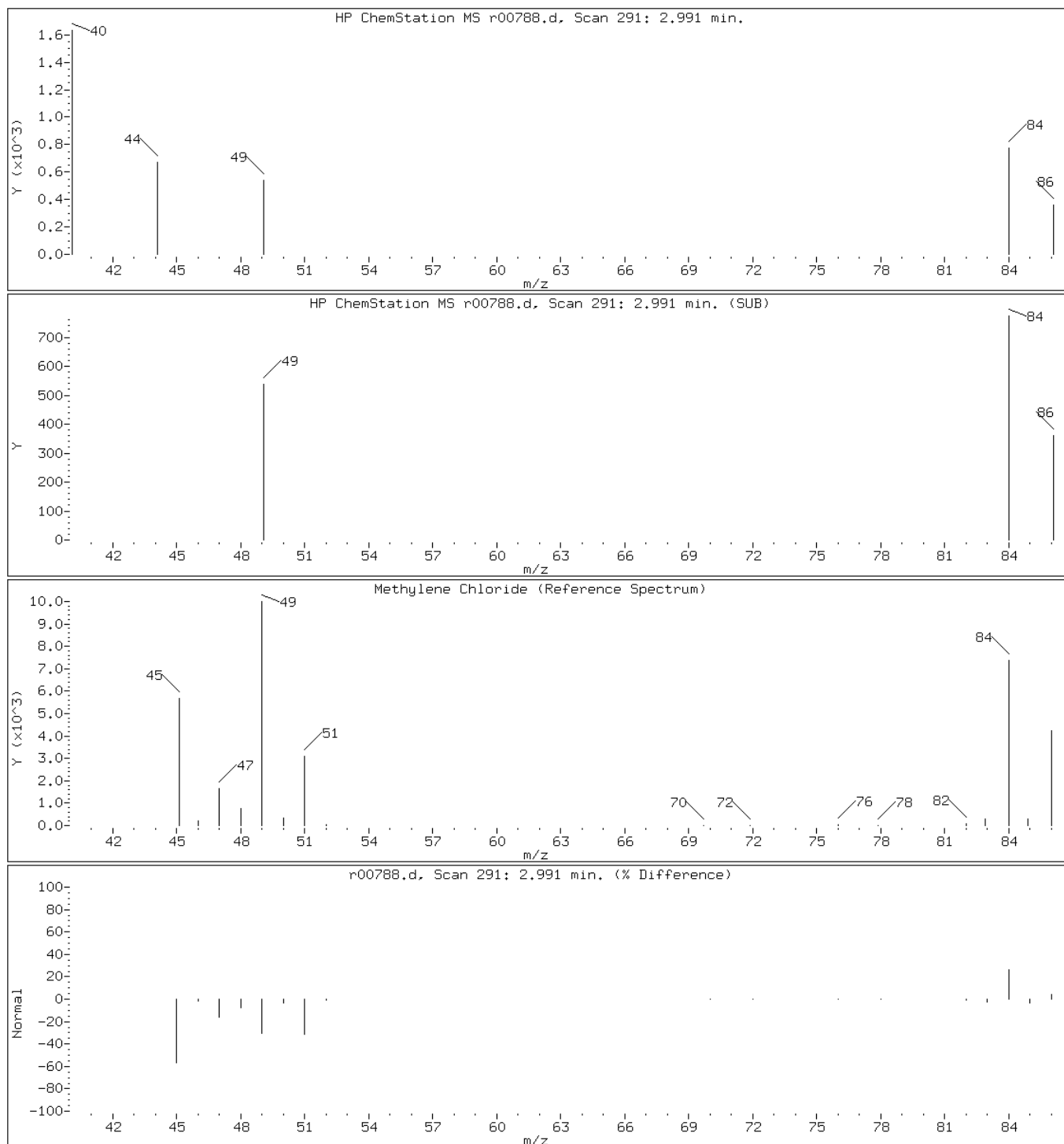
Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:

22 Methylene Chloride



Data File: r00788.d

Date: 06-APR-2013 01:51

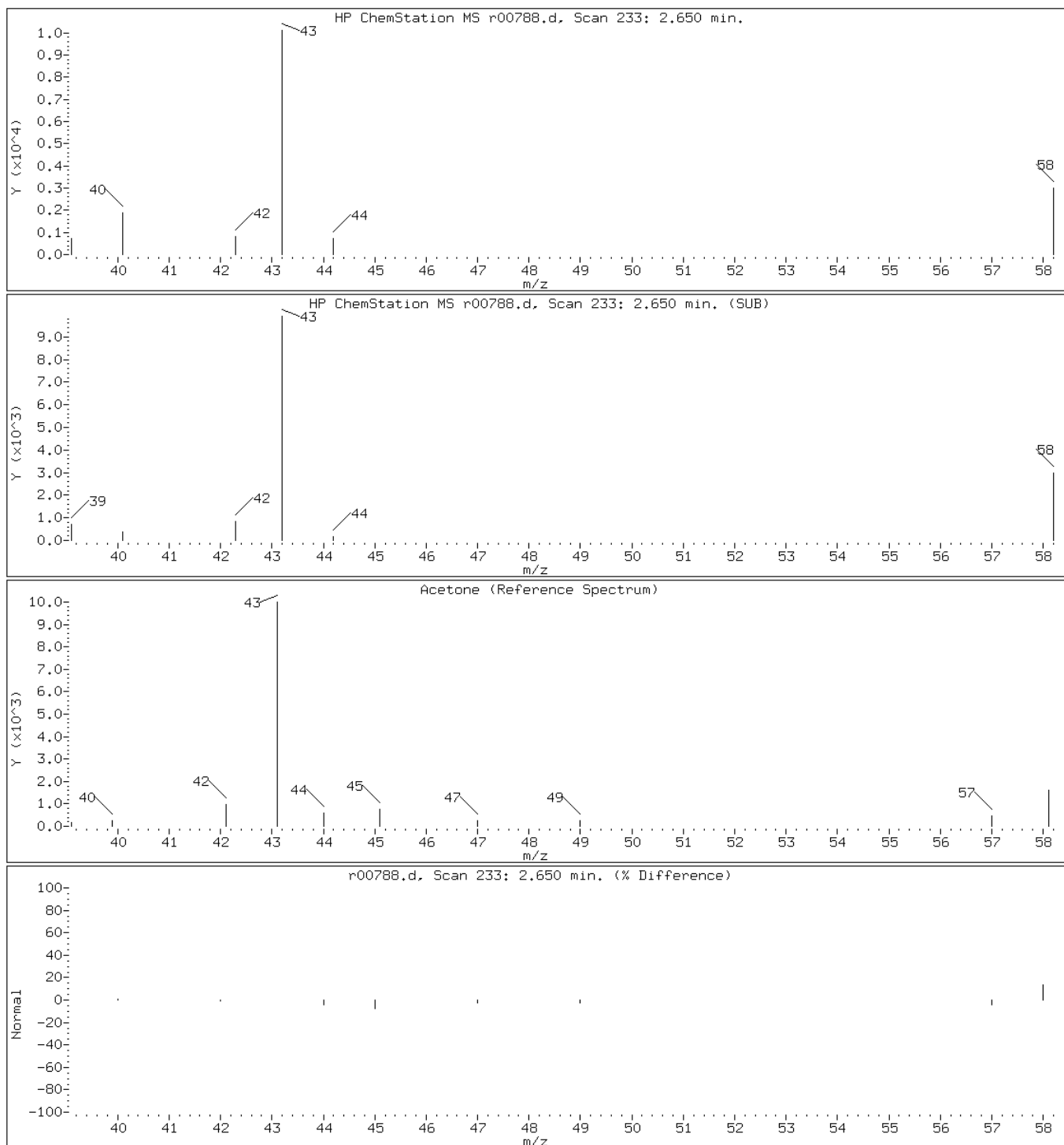
Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:

16 Acetone



Data File: r00788.d

Date: 06-APR-2013 01:51

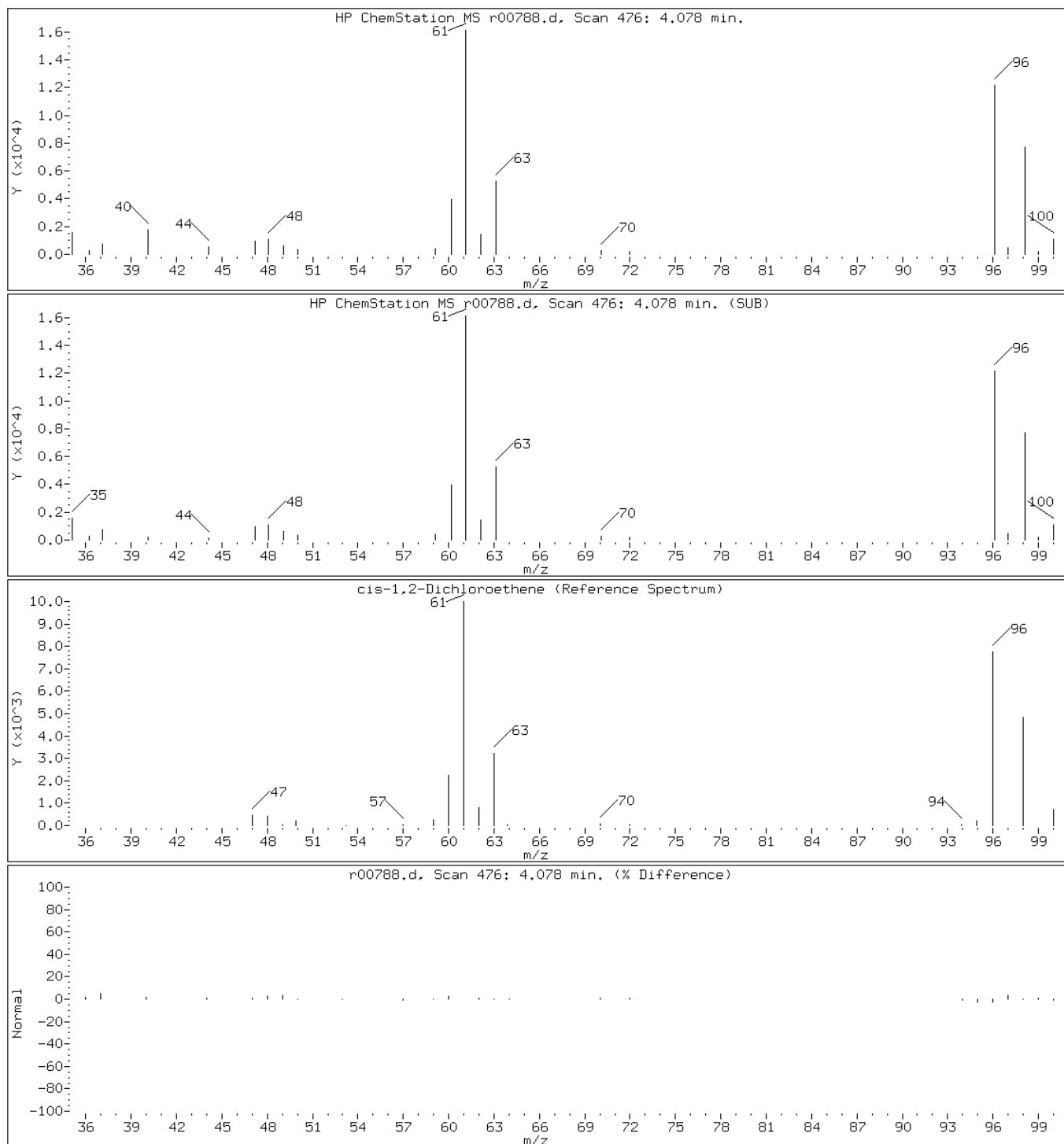
Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:

36 cis-1,2-Dichloroethene



Data File: r00788.d

Date: 06-APR-2013 01:51

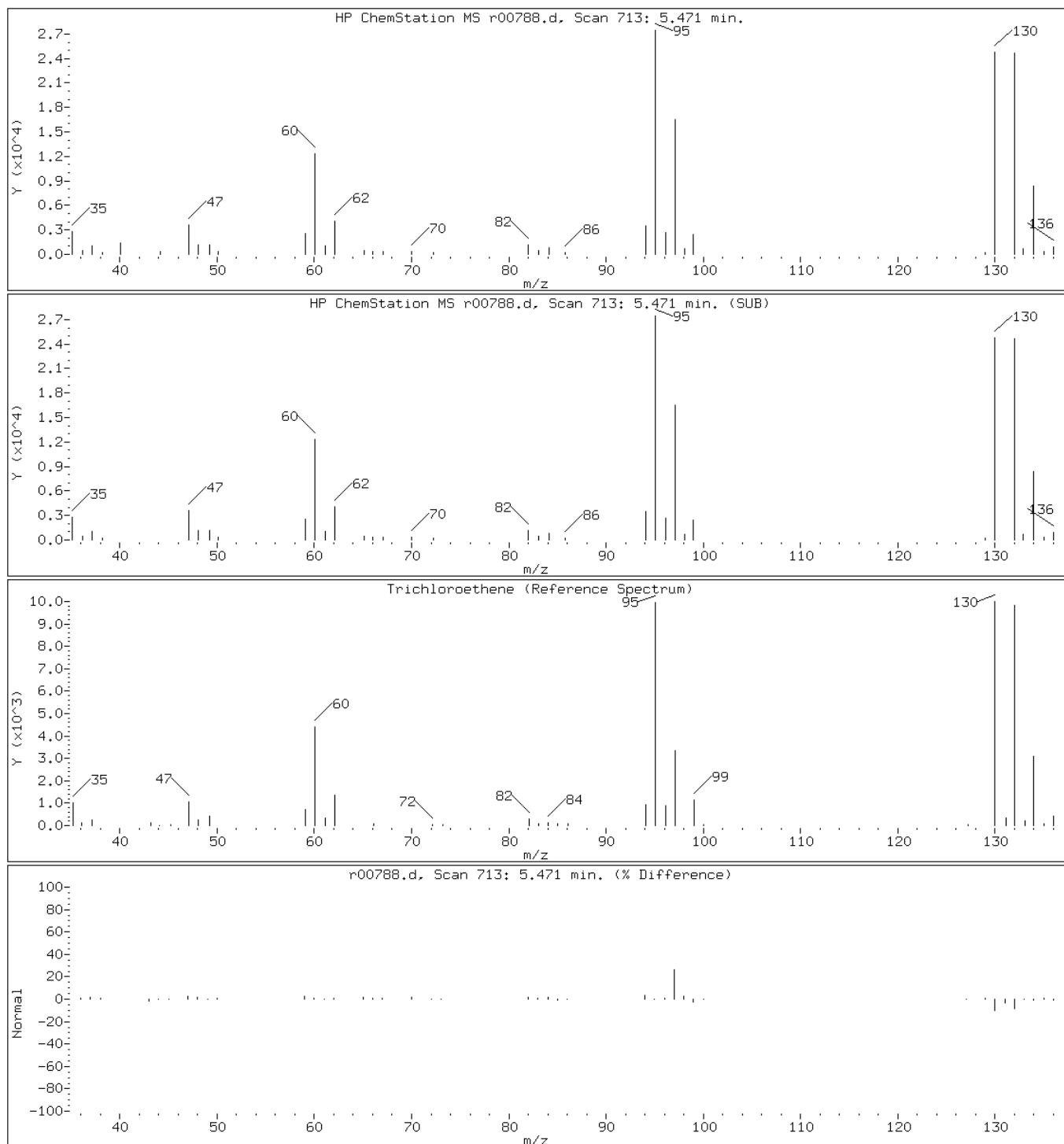
Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:

54 Trichloroethene



Data File: r00788.d

Date: 06-APR-2013 01:51

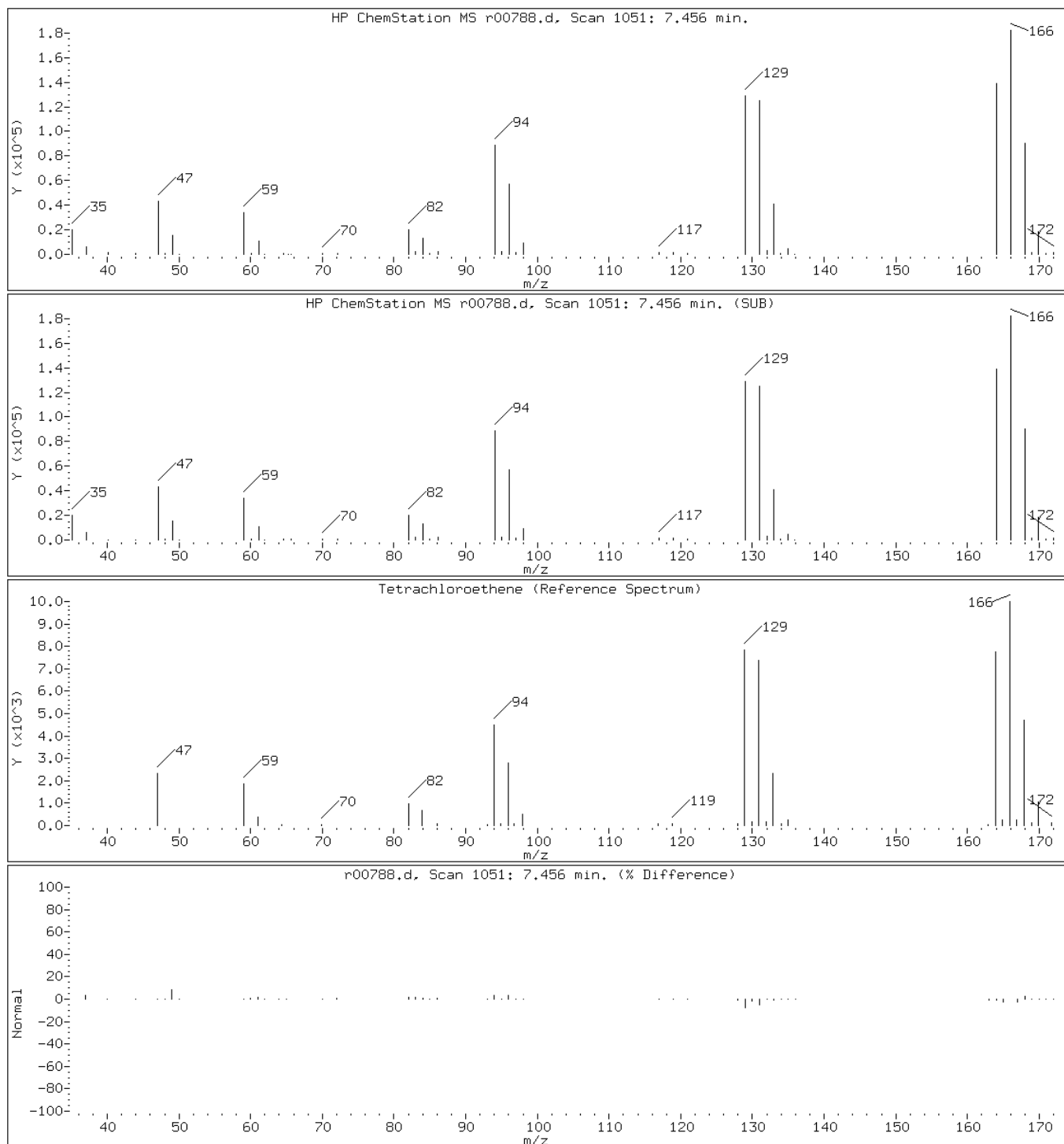
Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:

71 Tetrachloroethene



Data File: r00788.d

Date: 06-APR-2013 01:51

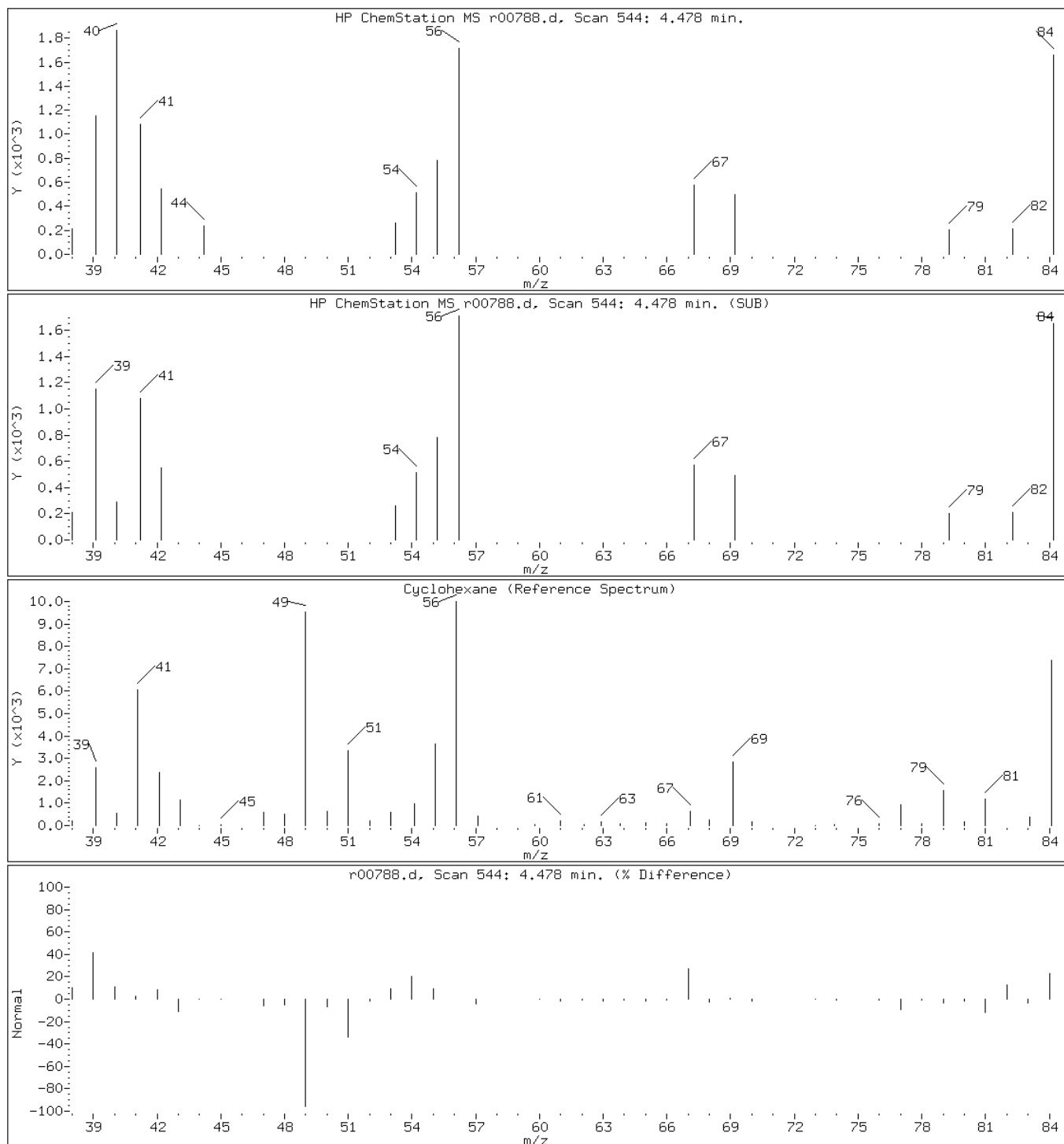
Client ID: SW1-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-41

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: WT01-CP-00-032813 Lab Sample ID: 460-53245-42

Matrix: Water Lab File ID: r00789.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:42

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 02:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: WT01-CP-00-032813 Lab Sample ID: 460-53245-42
 Matrix: Water Lab File ID: r00789.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:42
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 02:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	0.42	J	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00789.d
 Report Date: 10-Apr-2013 10:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00789.d
 Lab Smp Id: 460-53245-C-42 Client Smp ID: WT01-CP-00-032813
 Inj Date : 06-APR-2013 02:16
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-C-42
 Misc Info : 460-53245-C-42
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 39
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	====	==	=====	=====	=====	=====	=====
16 Acetone	58	2.650	2.656	(0.517)	3868	12.0524	12
41 Tetrahydrofuran	42	4.313	4.301	(0.842)	1307	1.30368	1.3
44 Cyclohexane	56	4.472	4.478	(0.873)	2056	0.42294	0.42(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	148567	63.9731	64
* 52 Fluorobenzene	96	5.124	5.118	(1.000)	502747	50.0000	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	321053	49.8178	50
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	331675	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	126811	46.9903	47
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	181781	50.0000	

QC Flag Legend

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

Data File: r00789.d

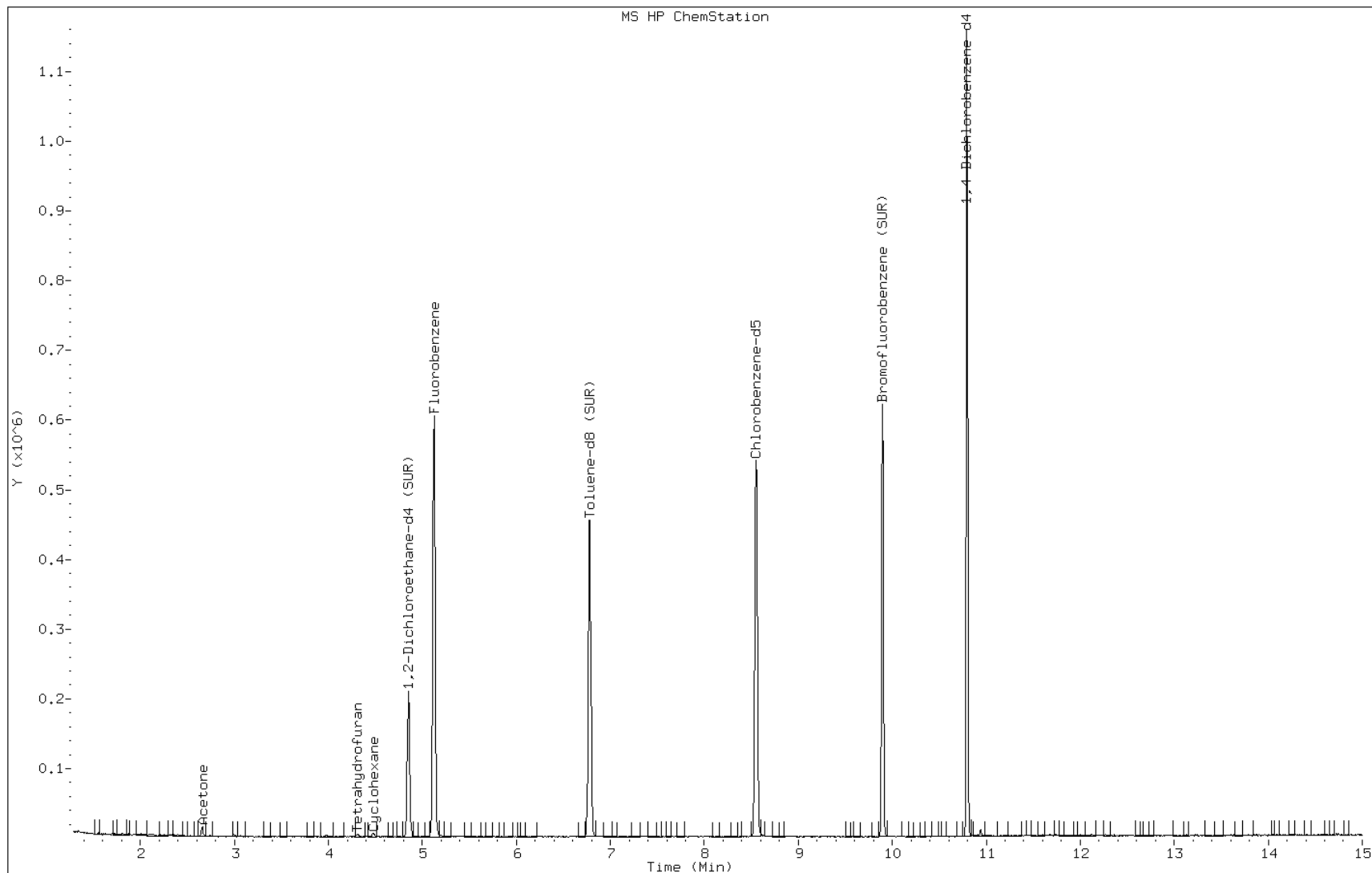
Date: 06-APR-2013 02:16

Client ID: WT01-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-42

Operator:



Data File: r00789.d

Date: 06-APR-2013 02:16

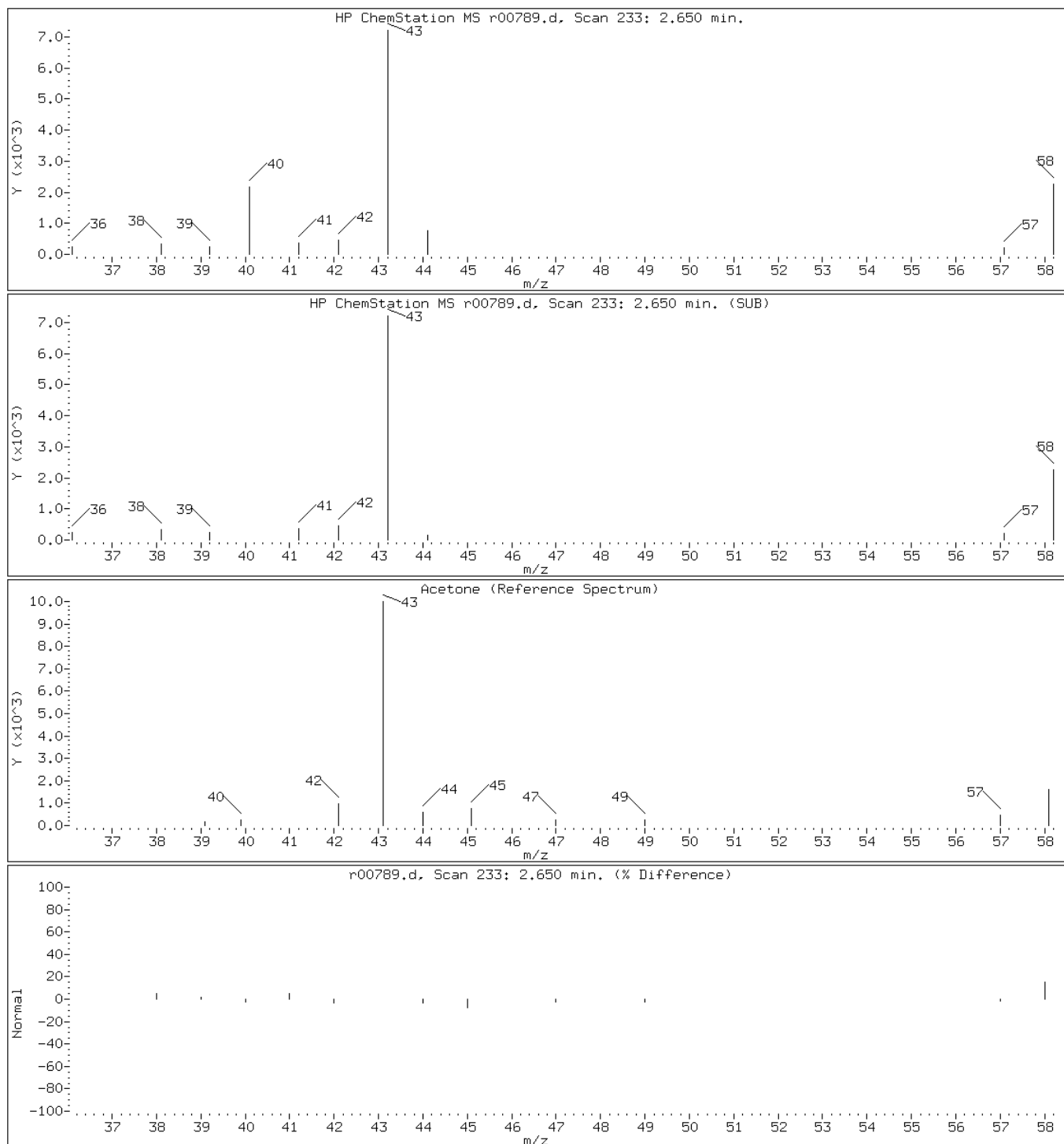
Client ID: WT01-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-42

Operator:

16 Acetone



Data File: r00789.d

Date: 06-APR-2013 02:16

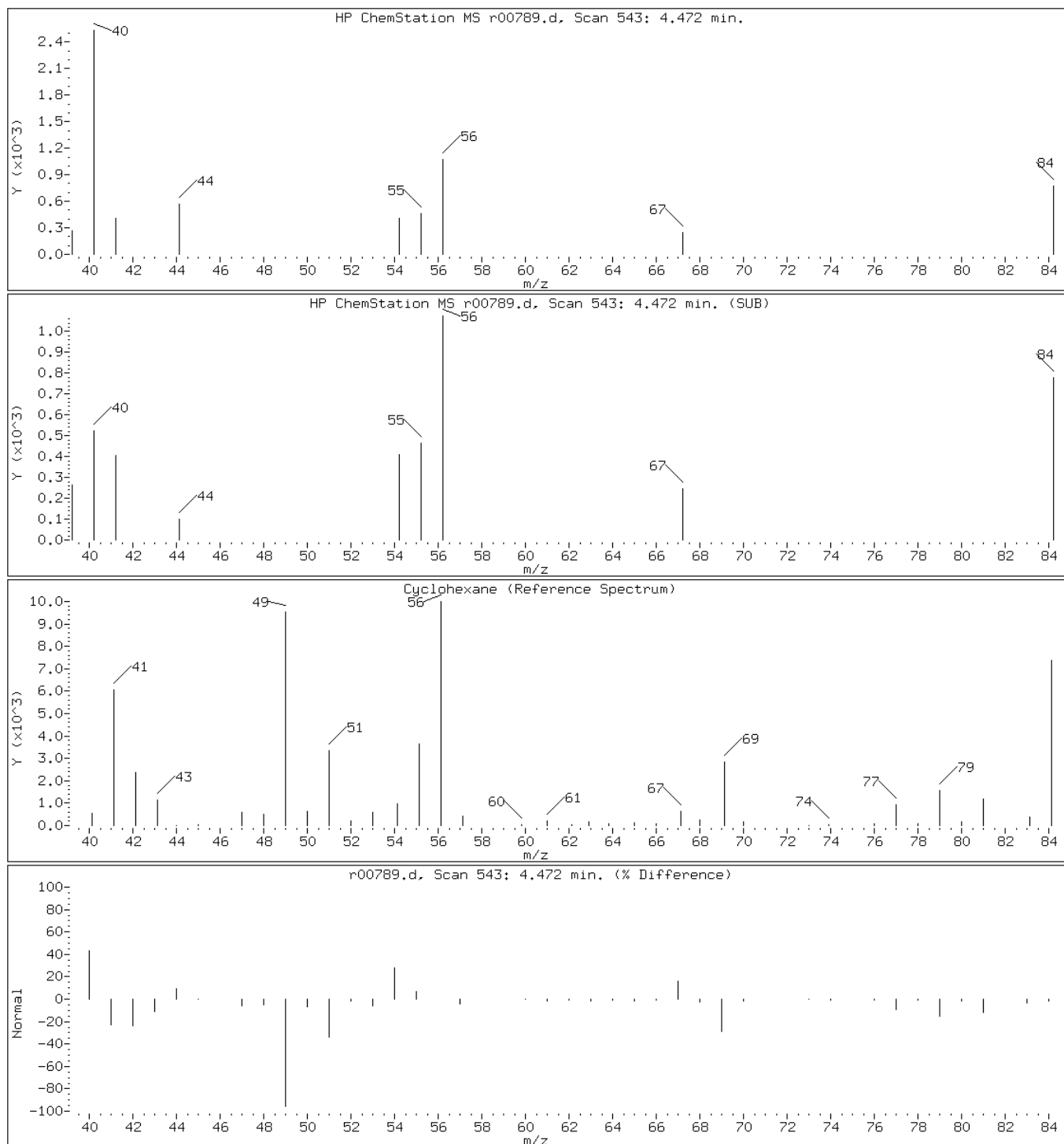
Client ID: WT01-CP-00-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-42

Operator:

44 Cyclohexane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: WT01-CP-01-032813 Lab Sample ID: 460-53245-43

Matrix: Water Lab File ID: r00790.d

Analysis Method: 8260B Date Collected: 03/26/2013 10:42

Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 02:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U *	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: WT01-CP-01-032813 Lab Sample ID: 460-53245-43
 Matrix: Water Lab File ID: r00790.d
 Analysis Method: 8260B Date Collected: 03/26/2013 10:42
 Sample wt/vol: 5(mL) Date Analyzed: 04/06/2013 02:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	130		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00790.d
Report Date: 06-Apr-2013 08:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00790.d
Lab Smp Id: 460-53245-C-43 Client Smp ID: WT01-CP-01-032813
Inj Date : 06-APR-2013 02:42
Operator : Inst ID: VOAMS10.i
Smp Info : 460-53245-C-43
Misc Info : 460-53245-C-43
Comment :
Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
16 Acetone		58	2.656	2.656	(0.518)	4323	14.0317	14
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.854	4.854	(0.947)	145433	65.2342	65(R)
* 52 Fluorobenzene		96	5.124	5.118	(1.000)	482628	50.0000	
\$ 65 Toluene-d8 (SUR)		98	6.781	6.775	(0.793)	315012	49.1987	49
* 78 Chlorobenzene-d5		117	8.549	8.550	(1.000)	329529	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	9.895	9.895	(0.917)	136192	49.4161	49
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794	(1.000)	185645	50.0000	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00790.d

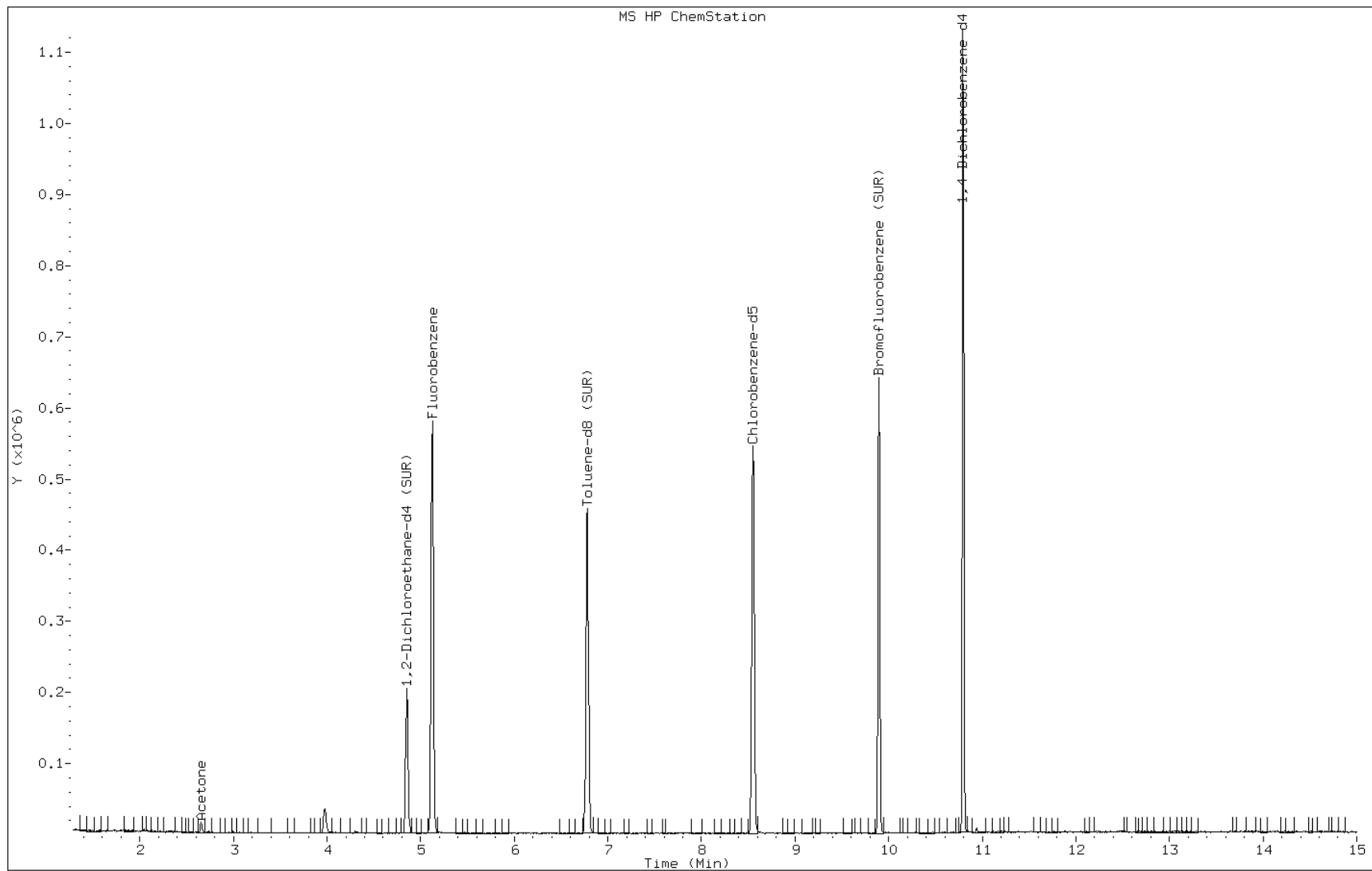
Date: 06-APR-2013 02:42

Client ID: WT01-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-43

Operator:



Data File: r00790.d

Date: 06-APR-2013 02:42

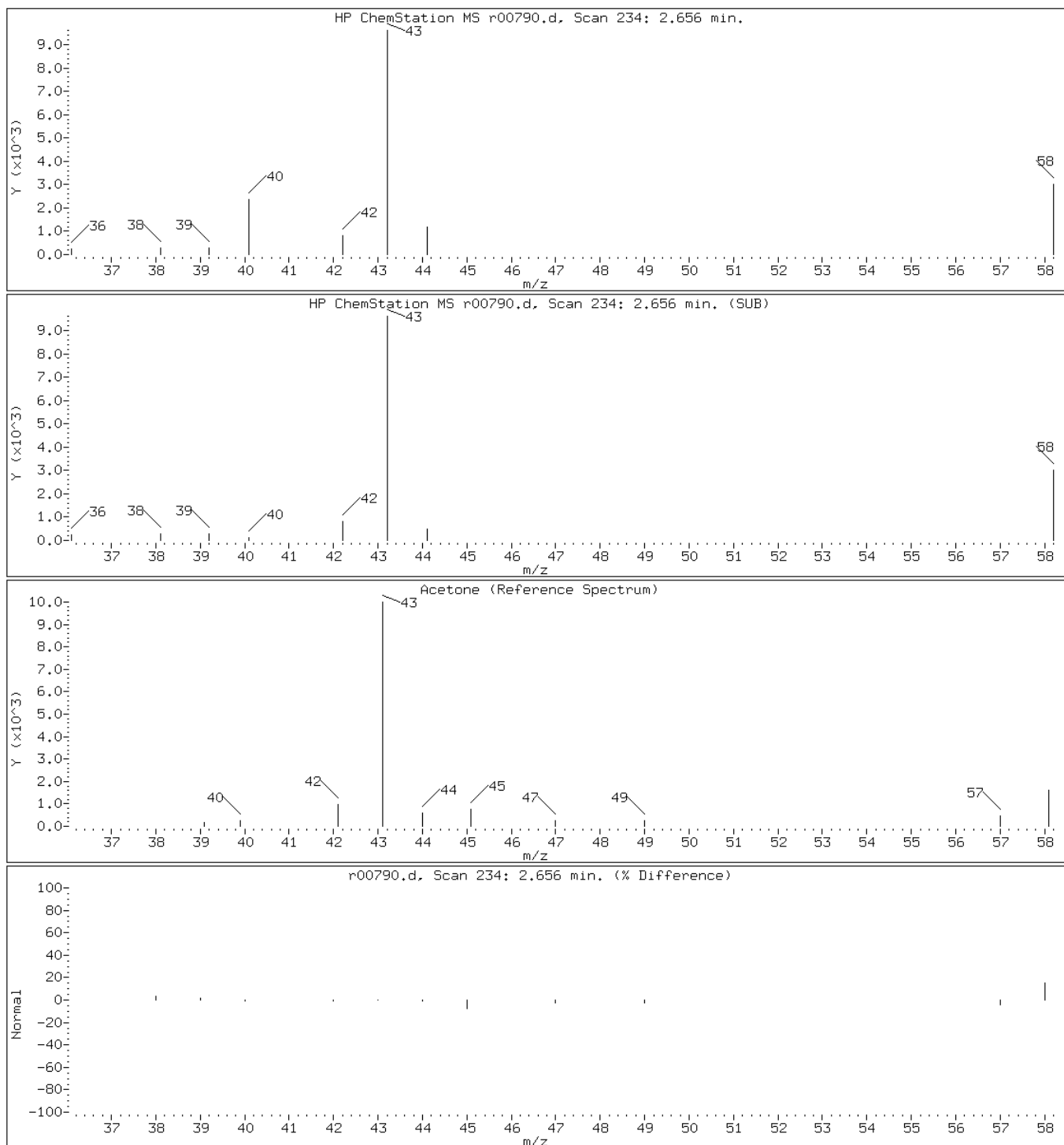
Client ID: WT01-CP-01-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-C-43

Operator:

16 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: xRB01-CP-QC-032813 Lab Sample ID: 460-53245-44

Matrix: Water Lab File ID: r00857.d

Analysis Method: 8260B Date Collected: 03/26/2013 11:00

Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 10:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	0.58	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.31	J	1.0	0.18
67-66-3	Chloroform	0.61	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U *	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.1		1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	2.1		1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.7		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: xRB01-CP-QC-032813 Lab Sample ID: 460-53245-44
 Matrix: Water Lab File ID: r00857.d
 Analysis Method: 8260B Date Collected: 03/26/2013 11:00
 Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 10:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00857.d
 Report Date: 08-Apr-2013 13:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00857.d
 Lab Smp Id: 460-53245-A-44 Client Smp ID: xRB01-CP-QC-032813
 Inj Date : 08-APR-2013 10:20
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-44
 Misc Info : 460-53245-A-44
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/8260_09.m
 Meth Date : 08-Apr-2013 08:52 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 27
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	5598		0.57893	0.58(a)
36 cis-1,2-Dichloroethene	96	4.084	4.078	(0.797)	1112		0.31224	0.31(a)
42 Chloroform	83	4.354	4.348	(0.850)	3339		0.60782	0.61(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	150666		63.1104	63
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	516820		50.0000	
68 Bromodichloromethane	83	6.029	6.035	(1.177)	4576		1.10075	1.1
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	331117		48.9589	49
74 Dibromochloromethane	129	7.850	7.844	(0.918)	5922		2.06708	2.1
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	348073		50.0000	
86 Bromoform	173	9.584	9.583	(1.121)	3536		1.74214	1.7(H)
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	138385		49.1483	49
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	189662		50.0000	
M 120 1,2-Dichloroethene (Total)	100				1112		0.31224	0.31(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00857.d
Report Date: 08-Apr-2013 13:19

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00857.d

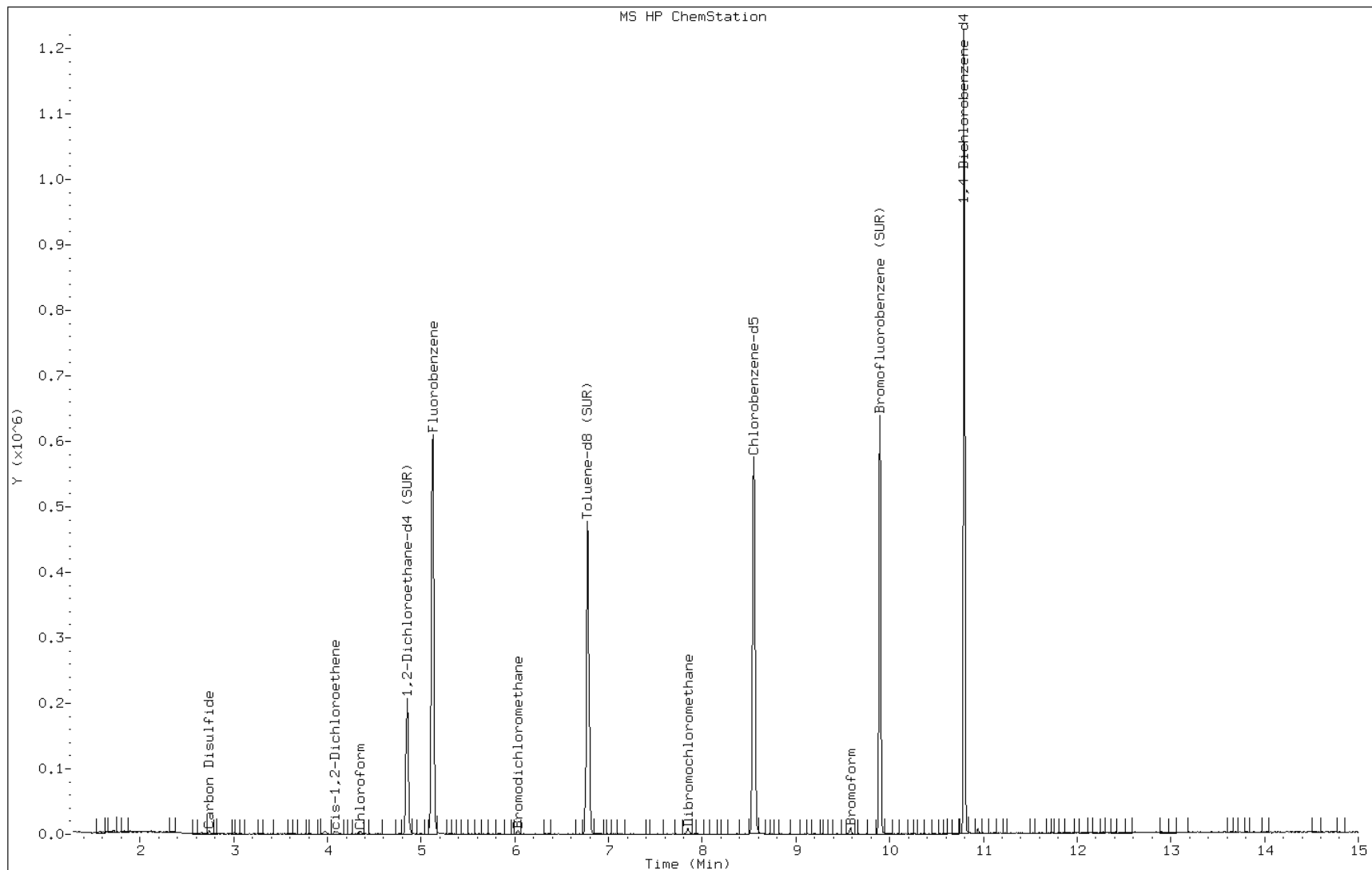
Date: 08-APR-2013 10:20

Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:



Data File: r00857.d

Date: 08-APR-2013 10:20

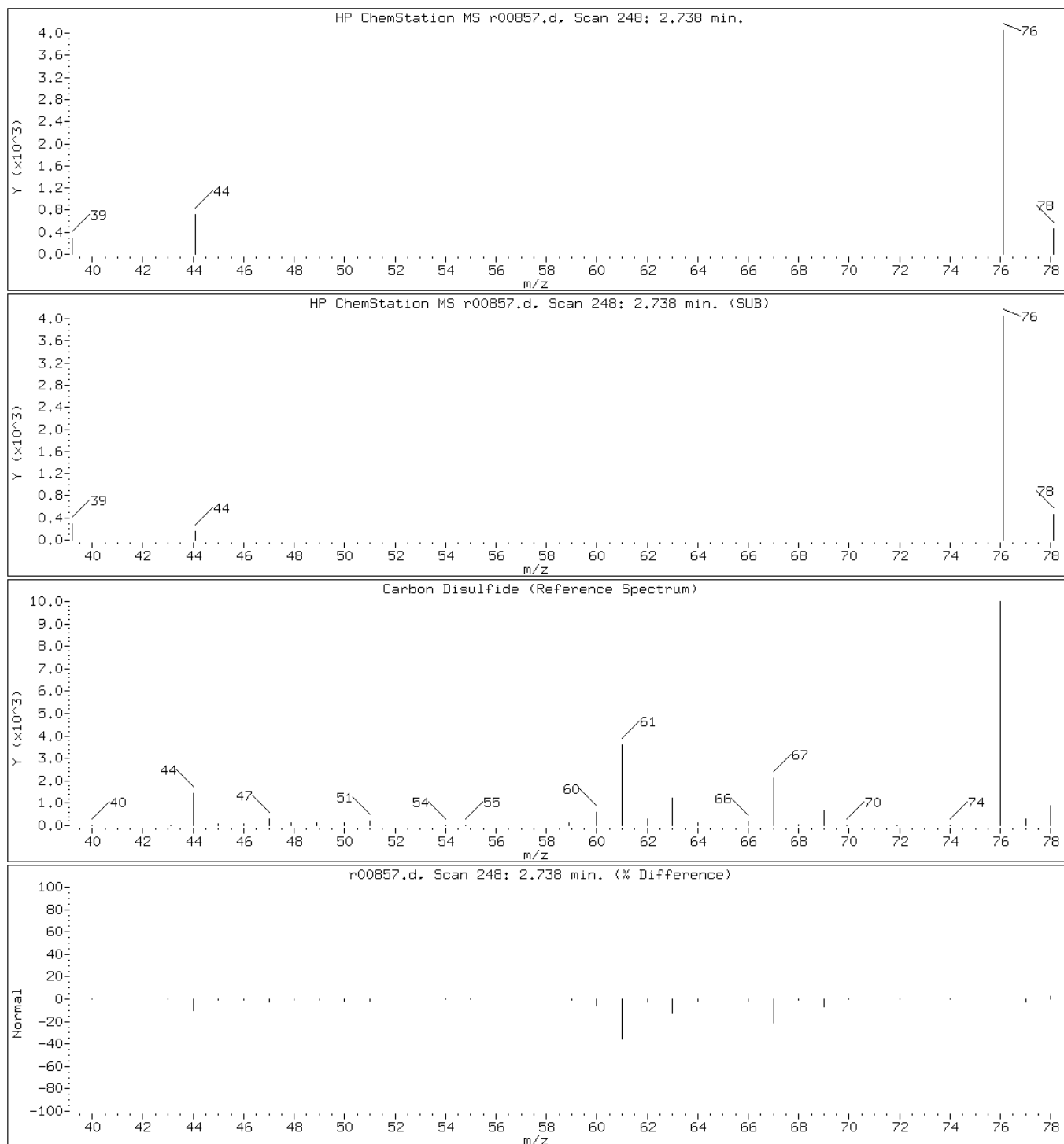
Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:

18 Carbon Disulfide



Data File: r00857.d

Date: 08-APR-2013 10:20

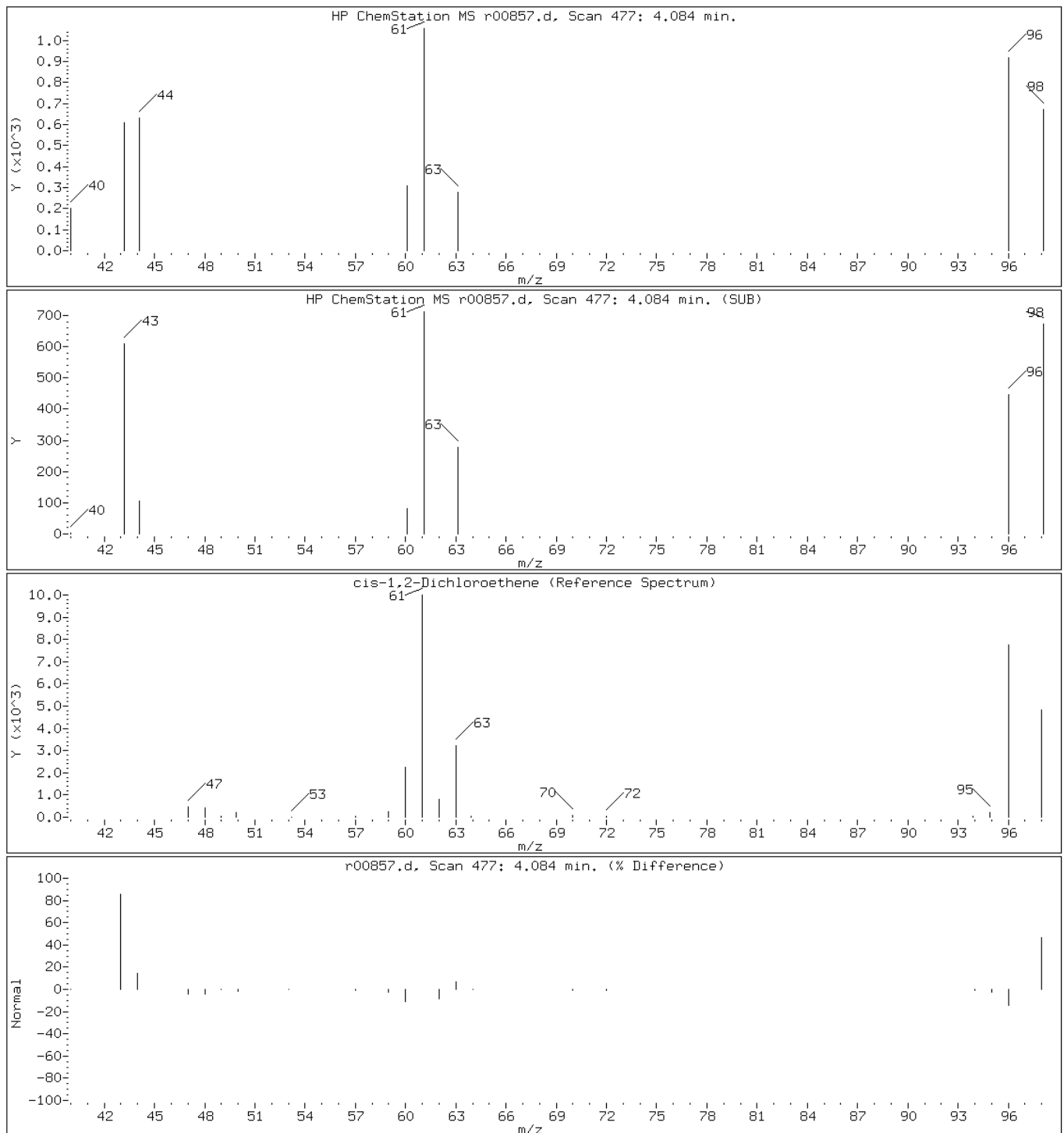
Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:

36 cis-1,2-Dichloroethene



Data File: r00857.d

Date: 08-APR-2013 10:20

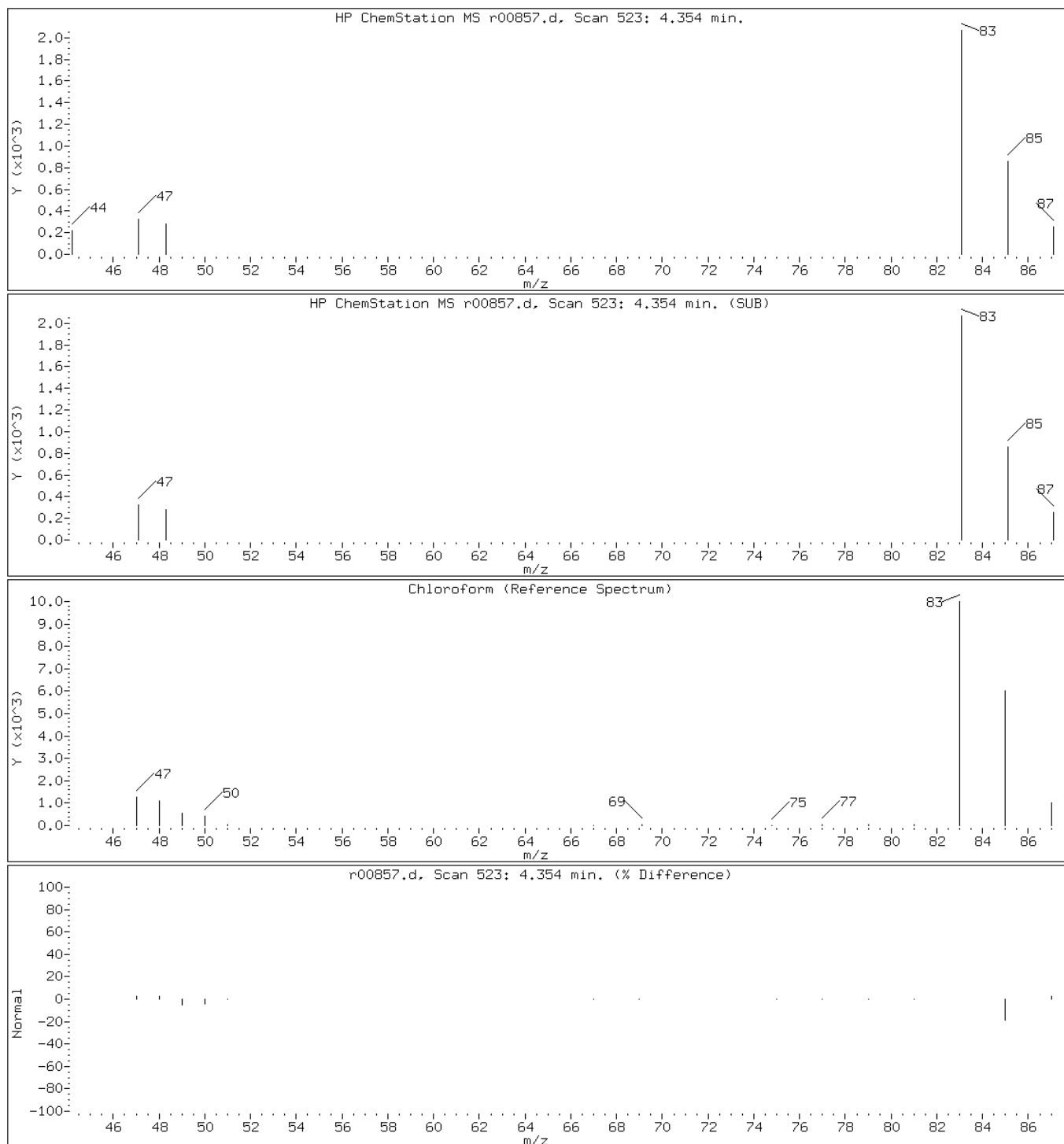
Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:

42 Chloroform



Data File: r00857.d

Date: 08-APR-2013 10:20

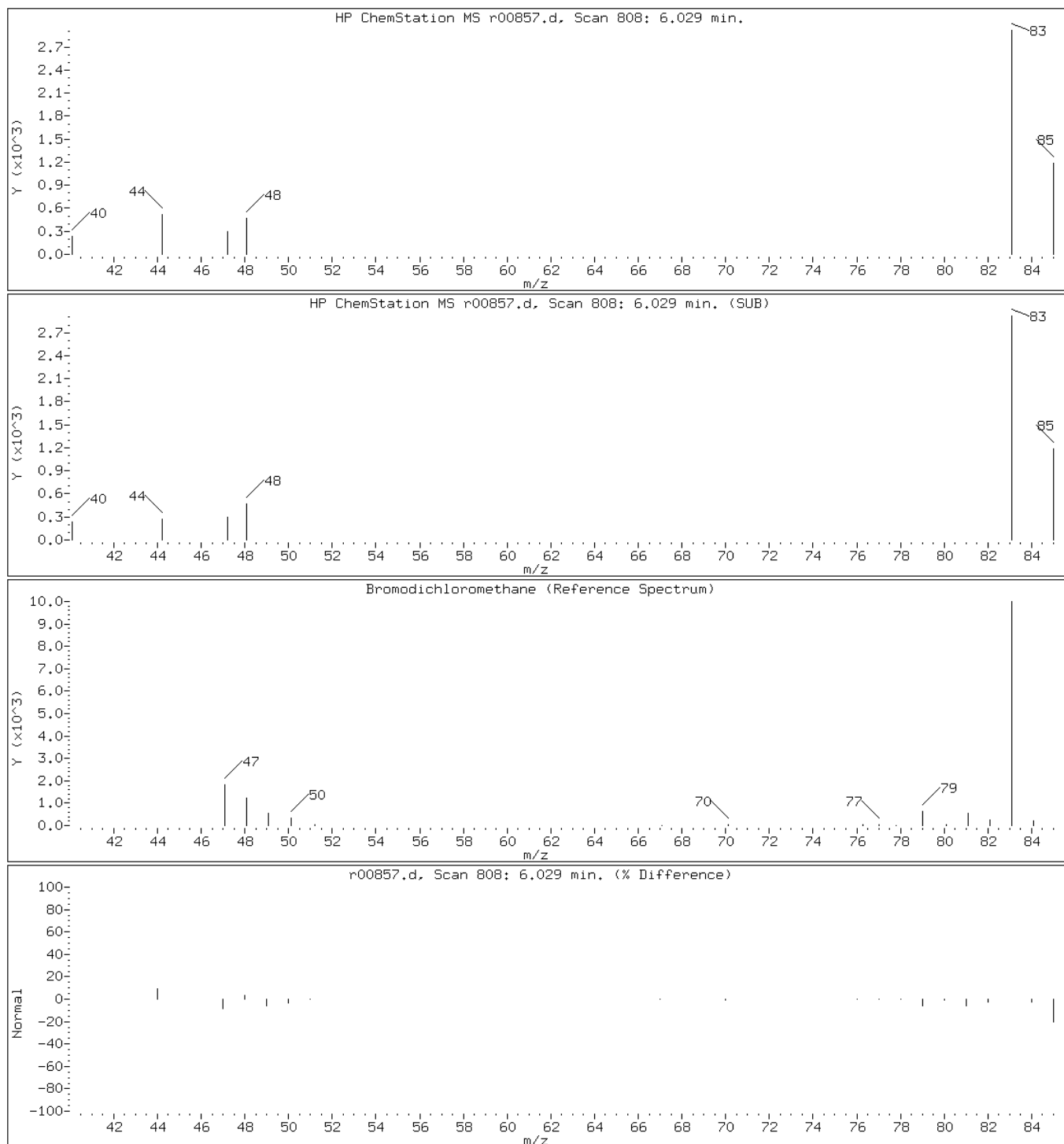
Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:

68 Bromodichloromethane



Data File: r00857.d

Date: 08-APR-2013 10:20

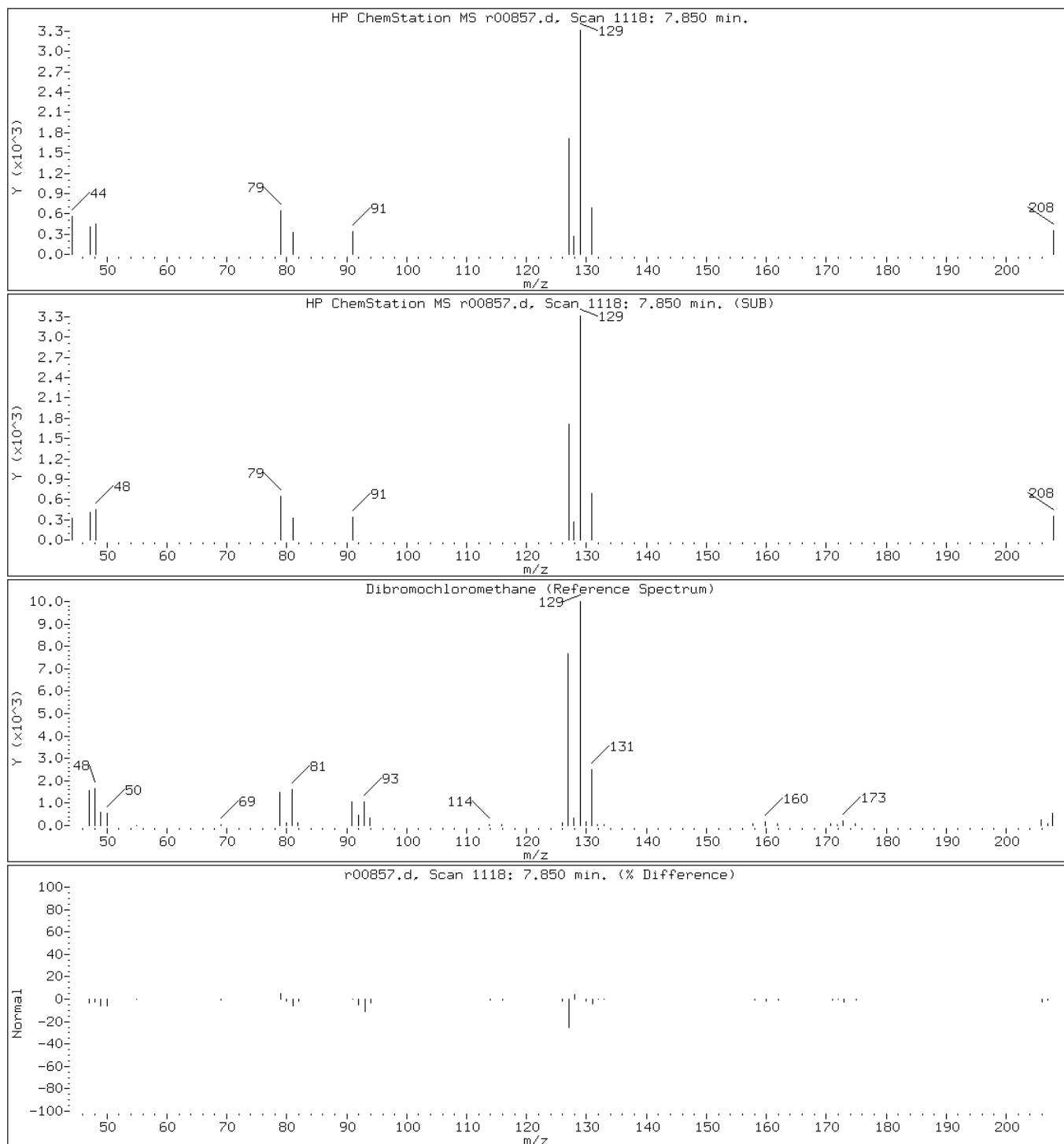
Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:

74 Dibromochloromethane



Data File: r00857.d

Date: 08-APR-2013 10:20

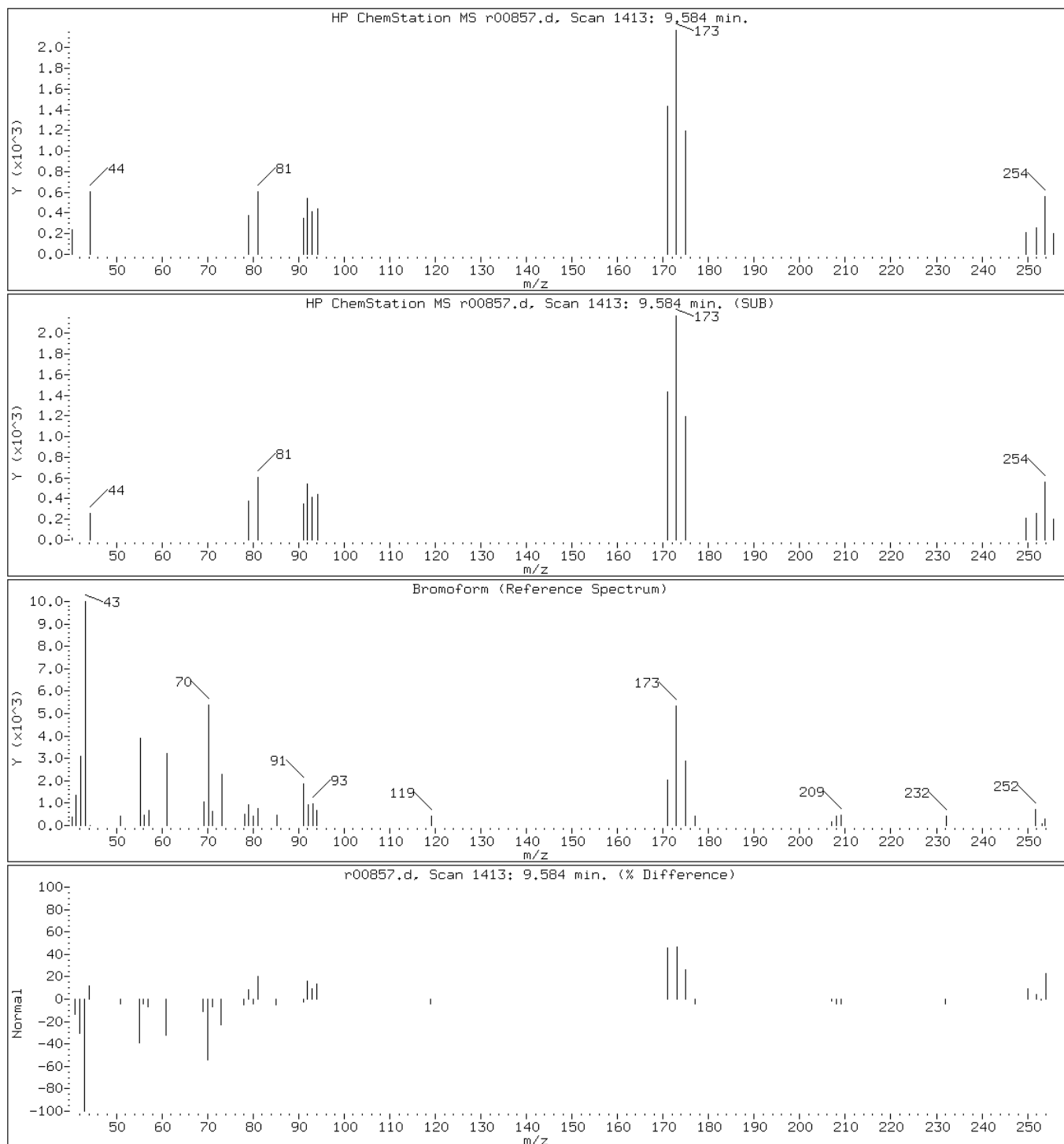
Client ID: xRB01-CP-QC-032813

Instrument: VOAMS10.i

Sample Info: 460-53245-A-44

Operator:

86 Bromoform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: xTB01-CP-QC-032513 Lab Sample ID: 460-53245-45

Matrix: Water Lab File ID: r00858.d

Analysis Method: 8260B Date Collected: 03/25/2013 06:00

Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 10:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	0.28	J	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.33	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U *	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	0.96	J	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	2.2		1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.8		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: xtB01-CP-QC-032513 Lab Sample ID: 460-53245-45
 Matrix: Water Lab File ID: r00858.d
 Analysis Method: 8260B Date Collected: 03/25/2013 06:00
 Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 10:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	90		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00858.d
 Report Date: 08-Apr-2013 16:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00858.d
 Lab Smp Id: 460-53245-A-45 Client Smp ID: xTB01-CP-QC-032513
 Inj Date : 08-APR-2013 10:46
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-45
 Misc Info : 460-53245-A-45
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/8260_09.m
 Meth Date : 08-Apr-2013 08:52 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 28
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	2650	0.28137	0.28(aH)
42 Chloroform	83	4.354	4.348	(0.850)	1745	0.32614	0.33(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	149230	64.1778	64
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	503380	50.0000	
68 Bromodichloromethane	83	6.029	6.035	(1.177)	3872	0.95628	0.96(a)
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	319444	49.3105	49
74 Dibromochloromethane	129	7.844	7.844	(0.918)	5933	2.16201	2.2
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	333408	50.0000	
86 Bromoform	173	9.583	9.583	(1.121)	3578	1.84037	1.8
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	130784	45.2195	45
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	194818	50.0000	

QC Flag Legend

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

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00858.d
Report Date: 08-Apr-2013 16:09

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: r00858.d

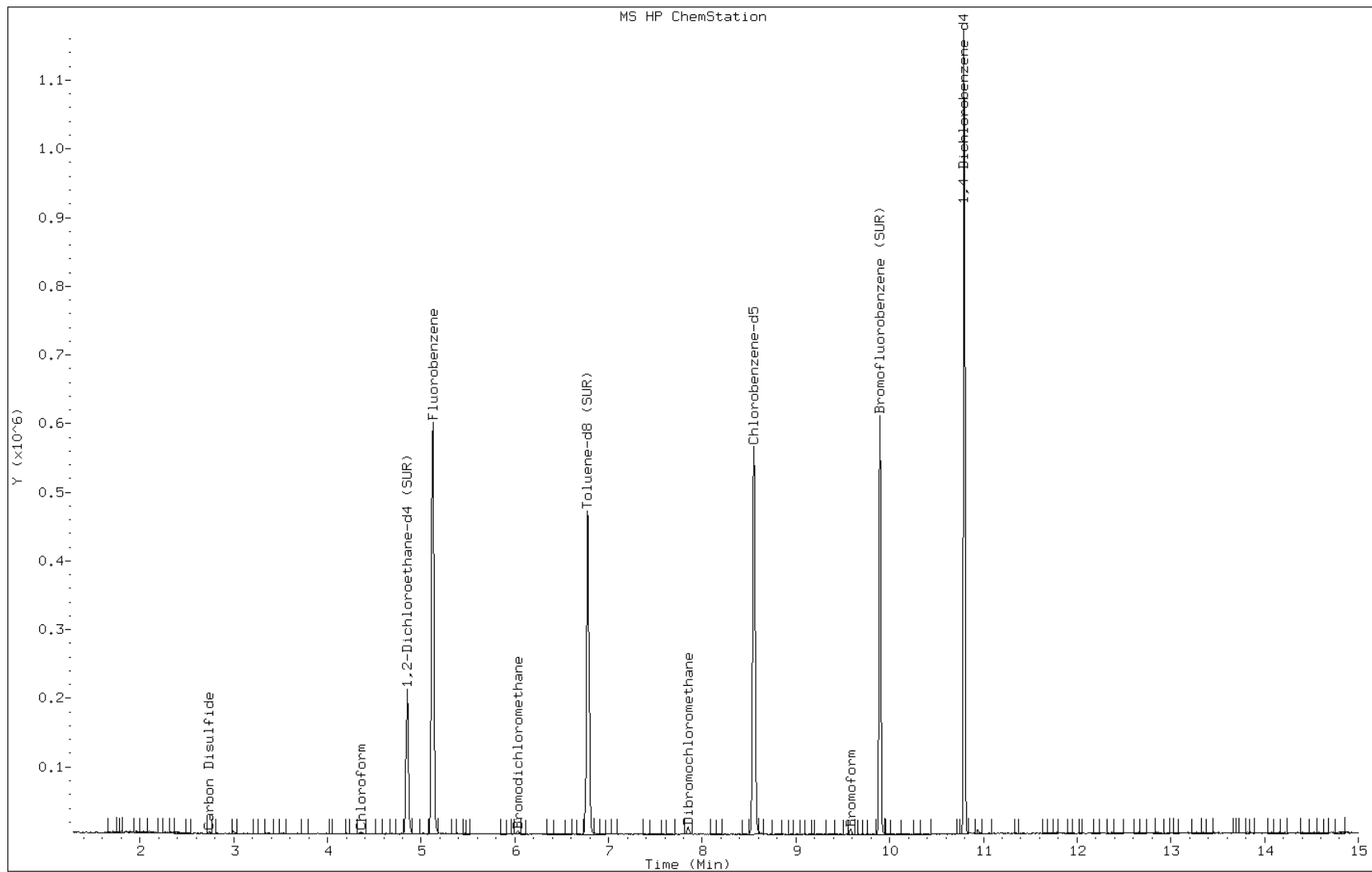
Date: 08-APR-2013 10:46

Client ID: xTB01-CP-QC-032513

Instrument: VOAMS10.i

Sample Info: 460-53245-A-45

Operator:



Data File: r00858.d

Date: 08-APR-2013 10:46

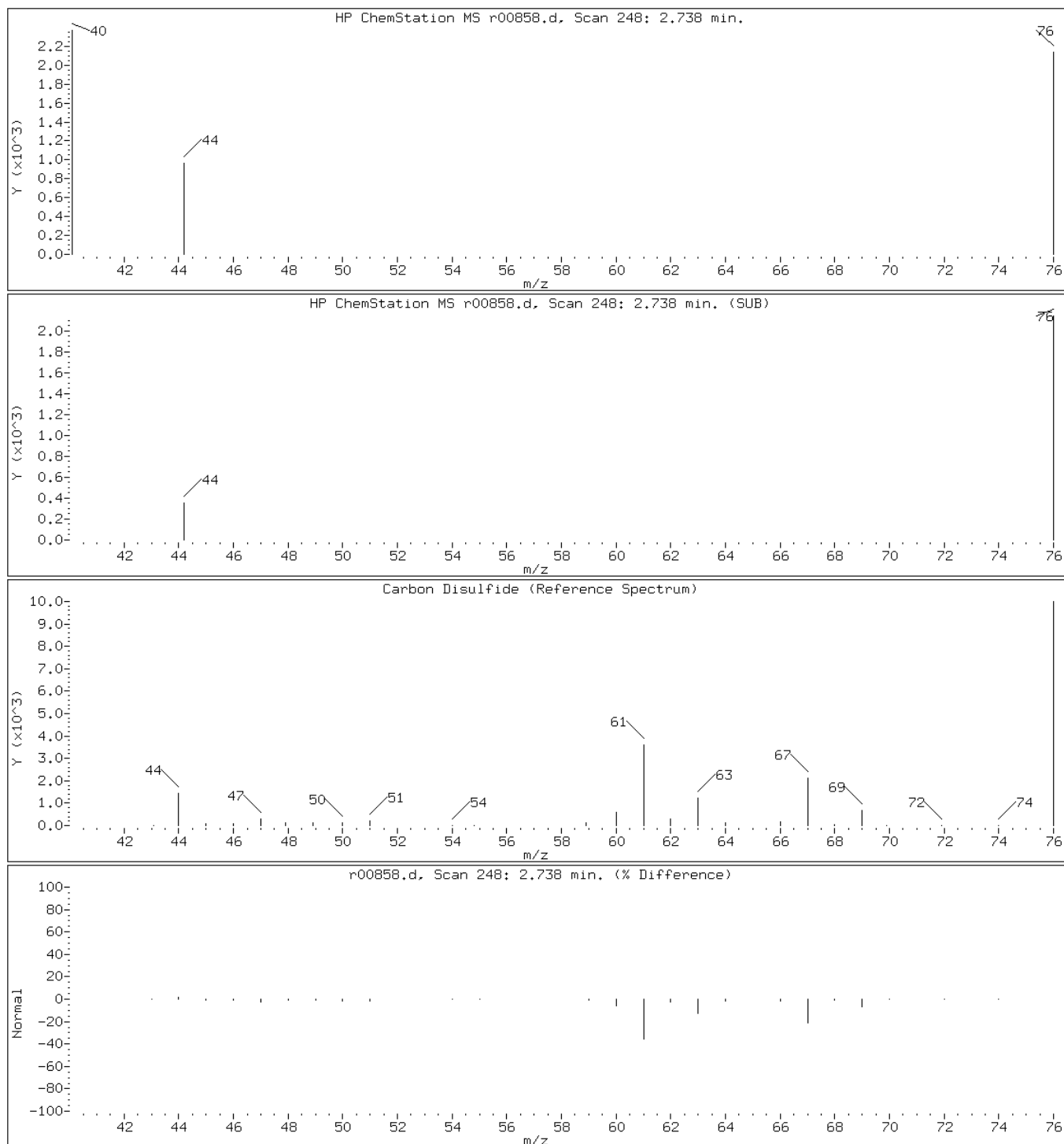
Client ID: xTB01-CP-QC-032513

Instrument: VOAMS10.i

Sample Info: 460-53245-A-45

Operator:

18 Carbon Disulfide



Data File: r00858.d

Date: 08-APR-2013 10:46

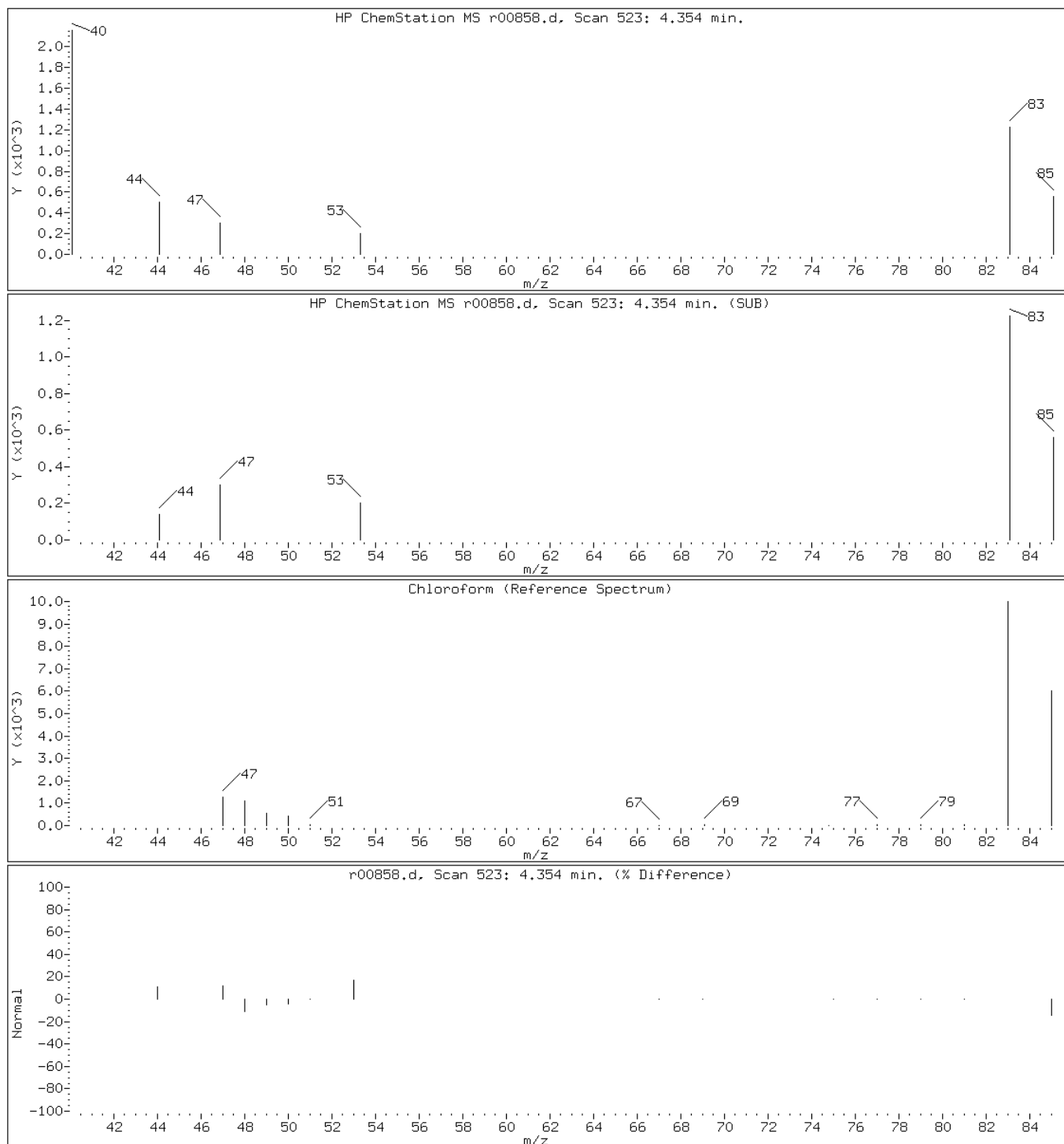
Client ID: xTB01-CP-QC-032513

Instrument: VOAMS10.i

Sample Info: 460-53245-A-45

Operator:

42 Chloroform



Data File: r00858.d

Date: 08-APR-2013 10:46

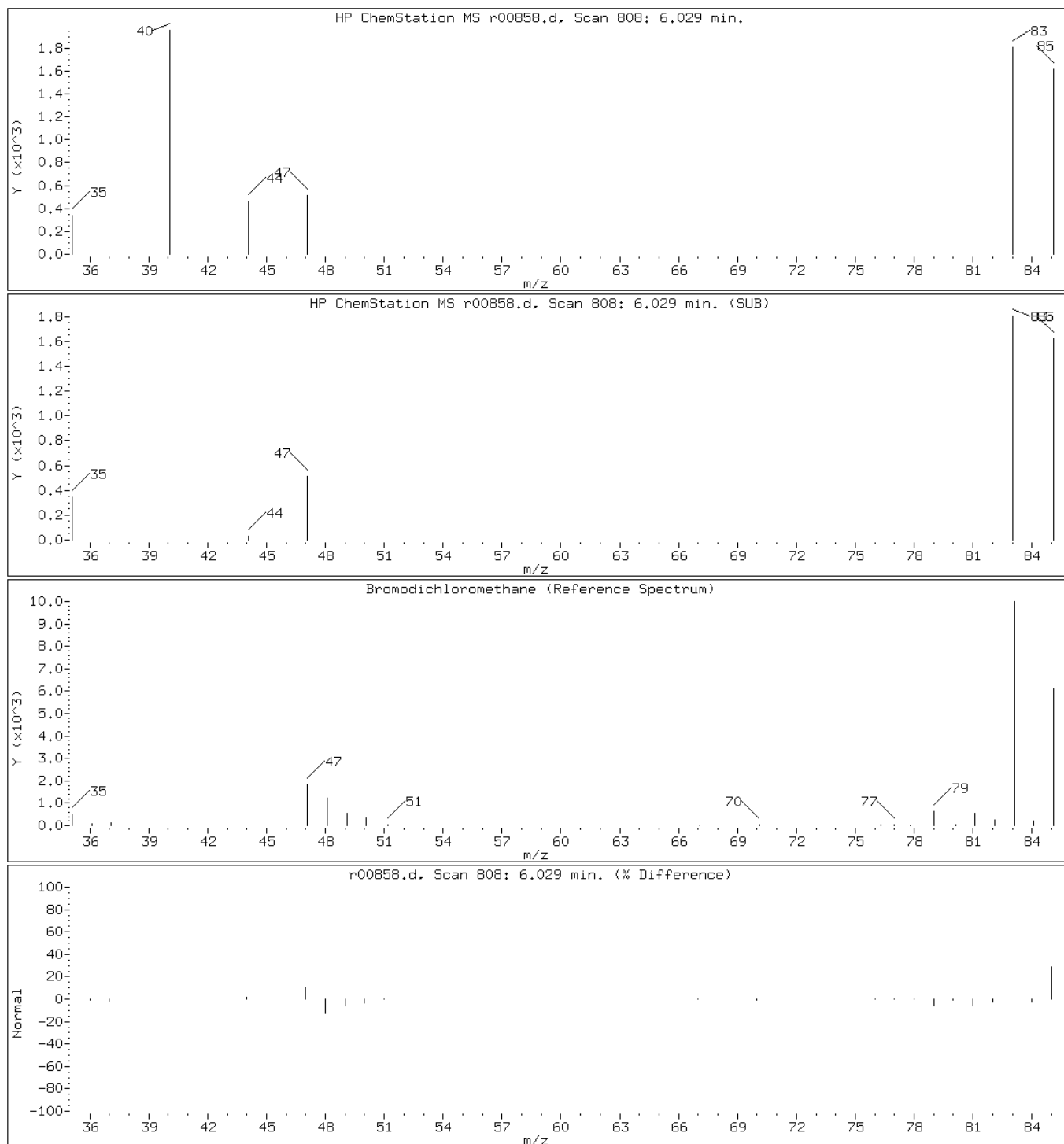
Client ID: xTB01-CP-QC-032513

Instrument: VOAMS10.i

Sample Info: 460-53245-A-45

Operator:

68 Bromodichloromethane



Data File: r00858.d

Date: 08-APR-2013 10:46

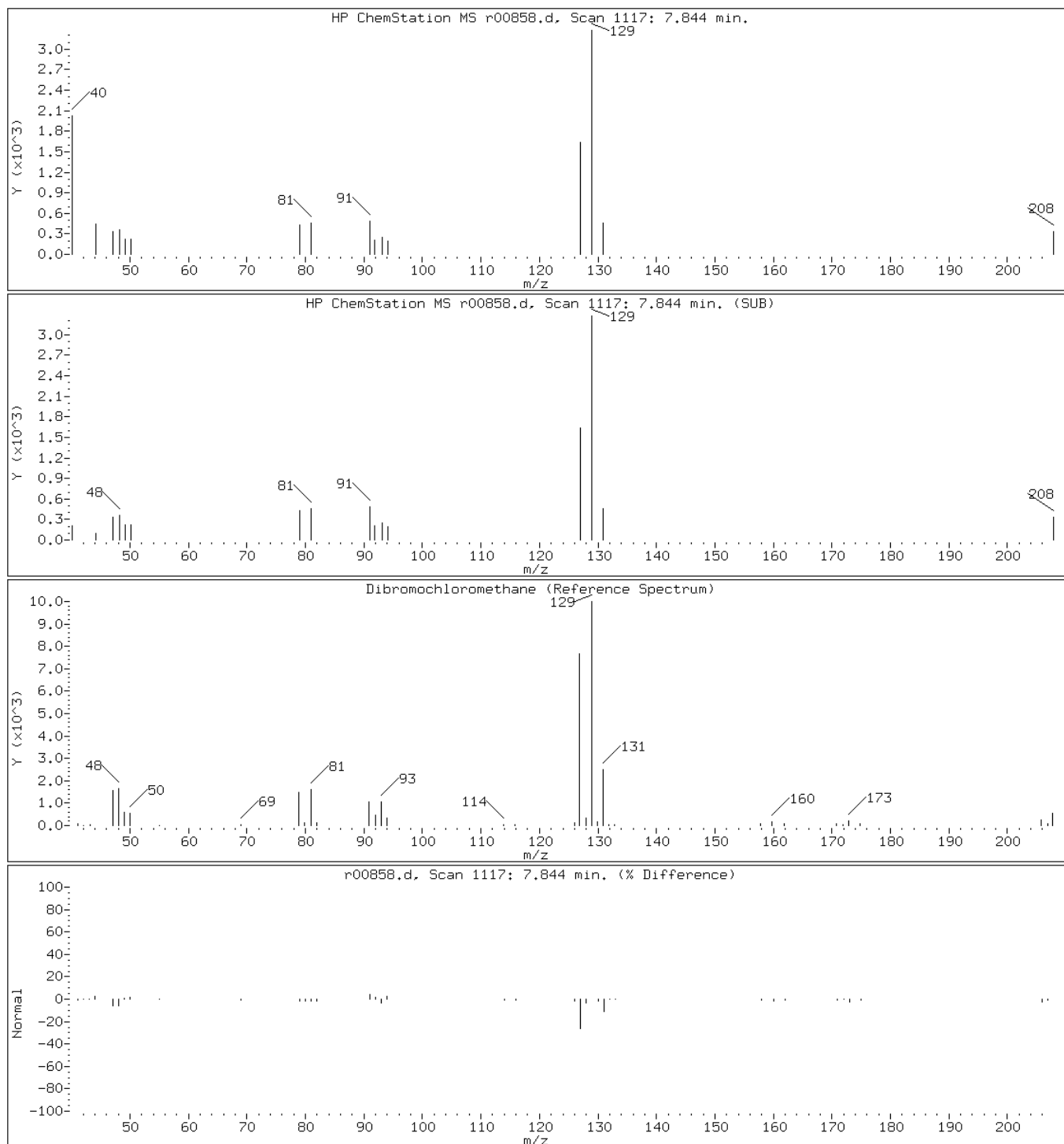
Client ID: xTB01-CP-QC-032513

Instrument: VOAMS10.i

Sample Info: 460-53245-A-45

Operator:

74 Dibromochloromethane



Data File: r00858.d

Date: 08-APR-2013 10:46

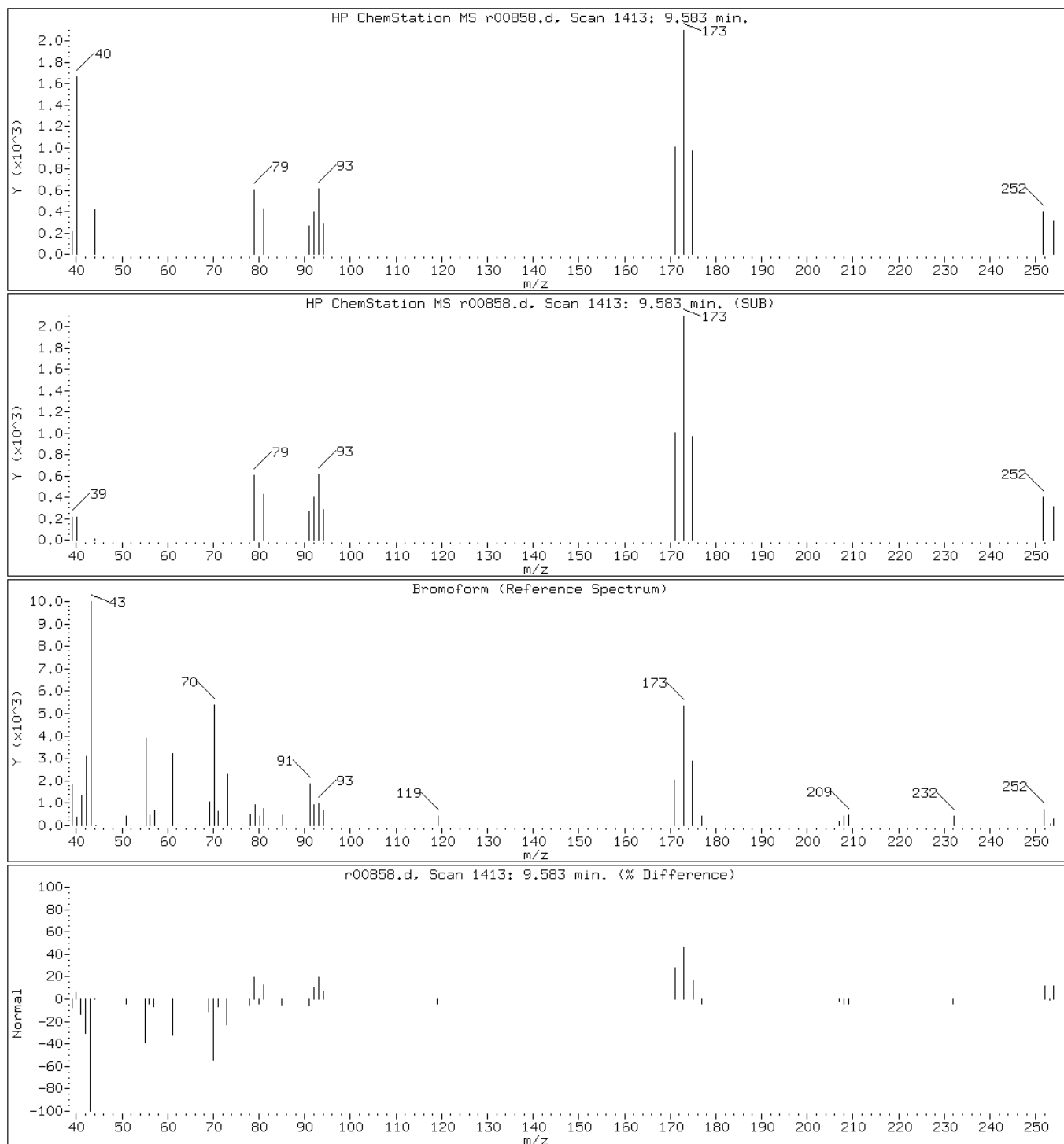
Client ID: xTB01-CP-QC-032513

Instrument: VOAMS10.i

Sample Info: 460-53245-A-45

Operator:

86 Bromoform



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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152343/4	r00004.d
Level 2	IC 460-152343/3	r00003.d
Level 3	ICIS 460-152343/2	r00002.d
Level 4	IC 460-152343/5	r00005.d
Level 5	IC 460-152343/6	r00006.d
Level 6	IC 460-152343/7	r00007.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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4048 0.3059	0.2995	0.3429	0.3491	0.3298	Ave		0.3387				11.2		15.0			
Chloromethane	0.3539 0.2540	0.2764	0.2865	0.2788	0.2669	Ave		0.2861			0.1000	12.3		15.0			
Vinyl chloride	0.3944 0.2571	0.2795	0.3098	0.3002	0.2893	LinF		0.2625							0.9970		0.9900
Bromomethane	0.1665 0.1596	0.1218	0.1378	0.1457	0.1686	Ave		0.1500				12.2		15.0			
Chloroethane	0.2156 0.1575	0.1679	0.1812	0.1765	0.1685	Ave		0.1779				11.3		15.0			
Dichlorofluoromethane	0.5838 0.4324	0.5601	0.5091	0.5075	0.4635	Ave		0.5094				11.2		15.0			
Trichlorofluoromethane	0.5831 0.4328	0.4285	0.4827	0.4875	0.4661	Ave		0.4801				11.7		15.0			
n-Pentane	0.0508 0.0499	0.0617	0.0572	0.0564	0.0523	Ave		0.0547				8.3		15.0			
Ethanol	0.0009 0.0008	0.0009	0.0008	0.0008	0.0007	Ave		0.0008				8.3		15.0			
Ethyl ether	0.2090 0.1856	0.2407	0.2201	0.2142	0.2007	Ave		0.2117				8.8		15.0			
Isopropene	0.3087 0.3198	0.4146	0.3789	0.3665	0.3383	Ave		0.3545				11.2		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2257 0.2603	0.2948	0.2881	0.2916	0.2718	Ave		0.2721				9.6		15.0			
Acrolein	0.0513 0.0526	0.0617	0.0597	0.0540	0.0526	Ave		0.0553				7.8		15.0			
1,1-Dichloroethene	0.2581 0.2232	0.2592	0.2518	0.2442	0.2249	Ave		0.2436				6.6		30.0			
Acetone	0.0392 0.0302	0.0276	0.0321	0.0313	0.0311	Ave		0.0319				12.2		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

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 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.2336 0.3042	0.2445	0.2666	0.3209	0.3313	Ave		0.2835				14.5		15.0			
Carbon disulfide	0.9606 0.8185	1.0047	0.9661	0.9742	0.8890	Ave		0.9355				7.4		15.0			
Allyl chloride	0.1633 0.1402	0.1769	0.1706	0.1665	0.1536	Ave		0.1619				8.1					
Cyclopentene	0.7790 0.6784	0.8714	0.8152	0.8196	0.7458	Ave		0.7849				8.5		15.0			
Methyl acetate	0.2747 0.2087	0.2807	0.2556	0.2605	0.2500	Ave		0.2550				10.0		15.0			
Acetonitrile	0.0069 0.0071	0.0082	0.0072	0.0073	0.0071	Ave		0.0073				6.2		15.0			
Methylene Chloride	0.3783 0.2721	0.3443	0.3268	0.3049	0.2800	Ave		0.3177				12.7		15.0			
TBA	0.0334 0.0266	0.0325	0.0260	0.0281	0.0267	Ave		0.0289				11.2		15.0			
Methyl tert-butyl ether	0.9963 0.8468	1.0862	1.0228	1.0033	0.9380	Ave		0.9822				8.3		15.0			
trans-1,2-Dichloroethene	0.3191 0.2804	0.3290	0.3286	0.3100	0.2873	Ave		0.3091				6.7		15.0			
Acrylonitrile	0.1172 0.1212	0.1223	0.1233	0.1171	0.1208	Ave		0.1203				2.2		15.0			
Hexane	0.1974 0.1720	0.2143	0.2044	0.1975	0.1833	Ave		0.1948				7.7		15.0			
DIPE	0.8794 0.7243	0.9522	0.9140	0.8845	0.8064	Ave		0.8601				9.5		15.0			
1,1-Dichloroethane	0.5129 0.4593	0.5619	0.5540	0.5222	0.4750	Ave		0.5142			0.1000	8.0		15.0			
Vinyl acetate	0.7406 0.5027	0.7715	0.6604	0.6808	0.4914	LinF		0.5036							0.9980		0.9900
Allyl alcohol	0.0048 0.0050	0.0050	0.0044	0.0043	0.0045	Ave		0.0047				6.5		15.0			
Tert-butyl ethyl ether	0.4192 0.3865	0.4403	0.4374	0.4302	0.4071	Ave		0.4201				4.9		15.0			
2,2-Dichloropropane	0.5033 0.4177	0.4925	0.5068	0.4680	0.4337	Ave		0.4703				8.0		15.0			
cis-1,2-Dichloroethene	0.3628 0.3104	0.3776	0.3563	0.3425	0.3176	Ave		0.3445				7.6		15.0			
2-Butanone	0.0406 0.0399	0.0389	0.0414	0.0447	0.0423	Ave		0.0413				4.9		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

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 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0518 0.0382	0.0483	0.0438	0.0434	0.0412	Ave		0.0444				11.0		15.0			
Propionitrile	0.0340 0.0409	0.0472	0.0419	0.0440	0.0419	Ave		0.0417				10.5		15.0			
Bromochloromethane	0.1542 0.1440	0.1786	0.1696	0.1620	0.1466	Ave		0.1592				8.5		15.0			
Tetrahydrofuran	0.1223 0.0827	0.1124	0.0930	0.0985	0.0893	Ave		0.0997				15.0		15.0			
Methacrylonitrile	0.1687 0.1286	0.1631	0.1536	0.1552	0.1420	Ave		0.1519				9.6		15.0			
Chloroform	0.5370 0.4851	0.5636	0.5629	0.5407	0.4994	Ave		0.5315				6.1		30.0			
Cyclohexane	0.4390 0.4307	0.5345	0.5163	0.5113	0.4690	Ave		0.4835				9.0		15.0			
1,1,1-Trichloroethane	0.4559 0.4467	0.4941	0.4970	0.4861	0.4573	Ave		0.4728				4.7		15.0			
Carbon tetrachloride	0.3199 0.3767	0.3980	0.3986	0.4018	0.3804	Ave		0.3792				8.1		15.0			
1,1-Dichloropropene	0.3789 0.3599	0.4133	0.4109	0.3945	0.3672	Ave		0.3875				5.8		15.0			
Isobutyl alcohol	0.0100 0.0111	0.0106	0.0095	0.0102	0.0103	Ave		0.0103				5.1		15.0			
Benzene	1.7911 1.3719	1.8421	1.8320	1.7183	1.5406	Ave		1.6827				11.2		15.0			
Isopropyl acetate	0.7674 0.5260	0.7885	0.7123	0.7091	0.6276	Ave		0.6885				14.1		15.0			
Tert-amyl methyl ether	0.8646 0.7735	0.9901	0.9375	0.9218	0.8581	Ave		0.8909				8.5		15.0			
1,2-Dichloroethane	0.4539 0.3906	0.4631	0.4600	0.4390	0.4067	Ave		0.4355				6.9		15.0			
n-Heptane	0.1743 0.1488	0.1921	0.1775	0.1655	0.1562	Ave		0.1691				9.2		15.0			
2,4,4-Trimethyl-1-pentene	0.1003 0.1097	0.1271	0.1214	0.1237	0.1151	Ave		0.1162				8.6		15.0			
n-Butanol	0.0044 0.0052	0.0044	0.0040	0.0044	0.0044	Ave		0.0045				8.8		15.0			
Trichloroethene	0.3249 0.2888	0.3340	0.3323	0.3176	0.3037	Ave		0.3169				5.6		15.0			
Methylcyclohexane	0.4707 0.4941	0.5955	0.5726	0.5660	0.5256	Ave		0.5374				9.1		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

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 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acrylate	0.7676 0.6846	0.8701	0.8227	0.8329	0.7558	Ave		0.7890				8.4		15.0			
1,2-Dichloropropane	0.2956 0.2547	0.3143	0.3078	0.2876	0.2673	Ave		0.2879				8.0		30.0			
Methyl methacrylate	0.0925 0.0988	0.1229	0.1072	0.1104	0.1039	Ave		0.1059				9.9		15.0			
1,4-Dioxane	0.0033 ++++	0.0037	0.0030	0.0030	0.0035	Ave		0.0033				9.3		15.0			
Dibromomethane	0.1963 0.1748	0.2058	0.2025	0.1970	0.1828	Ave		0.1932				6.2		15.0			
Propyl acetate	0.4854 0.3732	0.4910	0.4244	0.4308	0.4071	Ave		0.4353				10.5		15.0			
Bromodichloromethane	0.3774 0.3837	0.4191	0.4280	0.4124	0.3926	Ave		0.4022				5.1		15.0			
2-Chloroethyl vinyl ether	0.2083 0.1972	0.2241	0.2211	0.2244	0.2118	Ave		0.2145				5.0		15.0			
Epichlorohydrin	0.0451 0.0382	0.0492	0.0448	0.0462	0.0423	Ave		0.0443				8.4		15.0			
cis-1,3-Dichloropropene	0.6953 0.6266	0.7781	0.7859	0.7332	0.6682	Ave		0.7146				8.8		15.0			
4-Methyl-2-pentanone (MIBK)	0.4053 0.3638	0.3799	0.3984	0.4133	0.3927	Ave		0.3922				4.6		15.0			
Toluene	1.8350 1.4980	2.0439	2.0076	1.8750	1.7007	Ave		1.8267				11.1		30.0			
trans-1,3-Dichloropropene	0.6532 0.6025	0.7106	0.7208	0.6870	0.6383	Ave		0.6687				6.8		15.0			
Ethyl methacrylate	0.3982 0.4091	0.4512	0.4372	0.4417	0.4263	Ave		0.4273				4.7		15.0			
1,1,2-Trichloroethane	0.3703 0.2982	0.3517	0.3572	0.3403	0.3138	Ave		0.3386				8.1		15.0			
Tetrachloroethene	0.4446 0.4118	0.4969	0.4880	0.4629	0.4374	Ave		0.4569				7.0		15.0			
1,3-Dichloropropane	0.6880 0.5964	0.7637	0.7316	0.6939	0.6312	Ave		0.6841				9.1		15.0			
2-Hexanone	0.2916 0.2634	0.2673	0.2661	0.2866	0.2724	Ave		0.2745				4.3		15.0			
Butyl acetate	0.1359 0.1177	0.1393	0.1271	0.1329	0.1249	Ave		0.1297				6.1		15.0			
Dibromochloromethane	0.3410 0.4127	0.4337	0.4385	0.4263	0.4172	Ave		0.4115				8.7		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

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 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromoethane	0.4217 0.3873	0.4442	0.4464	0.4291	0.3972	Ave		0.4210				5.8		15.0			
Chlorobenzene	1.2158 1.0695	1.3319	1.2992	1.2348	1.1341	Ave		1.2142			0.3000	8.1		15.0			
Ethylbenzene	0.6294 0.6169	0.7045	0.7175	0.6892	0.6429	Ave		0.6667				6.3		30.0			
1,1,1,2-Tetrachloroethane	0.3978 0.3939	0.4343	0.4143	0.4057	0.3955	Ave		0.4069				3.8		15.0			
m&p-Xylene	0.7997 0.7152	0.9272	0.9124	0.8611	0.7830	Ave		0.8331				9.8		15.0			
Butyl acrylate	0.3445 0.3281	0.3801	0.3593	0.3779	0.3602	Ave		0.3583				5.5		15.0			
o-Xylene	0.8310 0.7329	0.9022	0.8972	0.8548	0.7835	Ave		0.8336				7.9		15.0			
Styrene	1.3335 1.2477	1.5235	1.5513	1.4805	1.3695	Ave		1.4177				8.4		15.0			
Amly acetate	1.0480 1.0777	1.2682	1.2141	1.2268	1.1587	Ave		1.1656				7.5		15.0			
Bromoform	0.2359 0.3095	0.2801	0.3026	0.3093	0.3119	Ave		0.2916			0.1000	10.2		15.0			
Isopropylbenzene	2.0558 1.6103	2.3184	2.2982	2.2109	2.0055	Ave		2.0832				12.7		15.0			
Camphene, Total	0.1870 0.1479	0.1904	0.1651	0.1650	0.1545	Ave		0.1683				10.2		15.0			
Monobromobenzene	0.9480 0.9216	1.0873	1.0415	0.9662	0.9227	Ave		0.9812				6.9		15.0			
1,1,2,2-Tetrachloroethane	1.0392 0.9164	1.1426	1.0755	1.0374	0.9363	Ave		1.0246			0.3000	8.3		15.0			
N-Propylbenzene	4.3303 ++++	5.1322	5.0031	4.6865	4.1733	Ave		4.6651				8.9		15.0			
1,2,3-Trichloropropane	0.3222 0.3197	0.3627	0.3489	0.3435	0.3192	Ave		0.3360				5.4		15.0			
trans-1,4-Dichloro-2-butene	0.2572 0.2703	0.2855	0.2790	0.2828	0.2773	Ave		0.2754				3.7		15.0			
2-Chlorotoluene	3.1104 2.5773	3.4892	3.3878	3.2043	2.9466	Ave		3.1193				10.5		15.0			
p-Ethyltoluene	1.4014 1.0900	1.6579	1.5414	1.5823	1.4589	Ave		1.4553				13.8		15.0			
1,3,5-Trimethylbenzene	3.2240 2.4930	3.7638	3.6480	3.4585	3.1753	Ave		3.2938				13.8		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

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 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorotoluene	3.0175 2.4411	3.2386	3.1899	2.9707	2.7608	Ave		2.9364				10.1		15.0			
Butyl Methacrylate	0.9728 1.0609	1.1511	1.1589	1.1568	1.1436	Ave		1.1073				6.8		15.0			
tert-Butylbenzene	2.7056 2.3420	3.2611	3.1074	2.9760	2.7537	Ave		2.8576				11.5		15.0			
1,2,4-Trimethylbenzene	3.3164 ++++	3.9577	3.7859	3.5378	3.2146	Ave		3.5625				8.7		15.0			
2-Octanone	1.0895 0.9322	1.0891	1.0552	1.0968	1.0072	Ave		1.0450				6.2		15.0			
sec-Butylbenzene	4.0125 ++++	4.8656	4.7653	4.3730	3.8889	Ave		4.3810				10.0		15.0			
2-Octanol	0.3138 0.3525	0.2928	0.2802	0.3117	0.3156	Ave		0.3111				7.9		15.0			
1,3-Dichlorobenzene	2.0384 1.5847	2.1260	2.0421	1.9079	1.7404	Ave		1.9066				10.9		15.0			
p-Isopropyltoluene	3.4454 ++++	4.1746	4.0670	3.7914	3.3706	Ave		3.7698				9.5		15.0			
1,4-Dichlorobenzene	2.0062 1.6383	2.2361	2.1261	1.9703	1.8272	Ave		1.9674				10.8		15.0			
Benzyl chloride	0.4789 0.4268	0.5216	0.5087	0.4814	0.4638	Ave		0.4802				7.0		15.0			
Indan	1.3418 ++++	1.4675	1.3790	1.3893	1.2549	Ave		1.3665				5.7		15.0			
1,4-Diethylbenzene	0.8619 0.7461	0.9783	0.9117	0.9397	0.8644	Ave		0.8837				9.1		15.0			
n-Butylbenzene	4.0442 ++++	4.8032	4.5567	4.2724	3.7586	Ave		4.2870				9.6		15.0			
1,2-Dichlorobenzene	2.0176 1.5829	2.0994	2.0065	1.8746	1.7268	Ave		1.8846				10.5		15.0			
1,2,4,5-Tetramethylbenzene	1.4694 ++++	1.5867	1.4794	1.4945	1.3605	Ave		1.4781				5.5		15.0			
1,2-Dibromo-3-Chloropropane	0.3167 0.2215	0.2347	0.2380	0.2304	0.2241	Ave		0.2442				14.8		15.0			
Camphor	0.1347 0.1067	0.1243	0.1029	0.1131	0.1070	Ave		0.1148				10.7		15.0			
1,2,4-Trichlorobenzene	1.5776 1.2577	1.6115	1.4971	1.4260	1.3258	Ave		1.4493				9.6		15.0			
Hexachlorobutadiene	0.6671 0.5971	0.7392	0.6609	0.6343	0.6102	Ave		0.6515				7.8		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

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 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	4.7530 +++++	4.4164	3.9672	3.8170	3.4400	Ave		4.0787				12.6		15.0			
1,2,3-Trichlorobenzene	1.6294 1.2035	1.5624	1.3973	1.3308	1.2620	Ave		1.3976				12.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2306 0.2253	0.2322	0.2297	0.2361	0.2320	Ave		0.2310				1.5		15.0			
Toluene-d8 (Surr)	0.9843 0.9399	0.9752	0.9885	0.9797	0.9615	Ave		0.9715				1.9		15.0			
4-Bromofluorobenzene	0.7323 0.7770	0.7276	0.7398	0.7271	0.7498	Ave		0.7423				2.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-152343/4	r00004.d
Level 2	IC 460-152343/3	r00003.d
Level 3	ICIS 460-152343/2	r00002.d
Level 4	IC 460-152343/5	r00005.d
Level 5	IC 460-152343/6	r00006.d
Level 6	IC 460-152343/7	r00007.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	9545 3924118	35046	162815	399715	1596684	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	8345 3258331	32341	136032	319244	1291883	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	LinF	9301 3298186	32699	147092	343693	1400437	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3925 2047126	14253	65415	166814	816089	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5083 2020439	19651	86029	202037	815504	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	13767 5547172	65534	241760	581085	2243644	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	13749 5551283	50135	229220	558113	2256177	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	2396 1279113	14437	54351	129231	506251	2.00 1000	10.0	40.0	100	400
Ethanol	FB	Ave	21191 122597	40692	56145	72081	85856	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	4929 2380436	28164	104495	245255	971775	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	7280 4102272	48514	179910	419616	1637799	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	5322 3339524	34496	136782	333835	1315778	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	4836 540029	28870	56720	123635	254520	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	6085 2862623	30333	119579	279610	1088696	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	4624 387010	9694	15224	35857	150642	5.00 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	5509 3902036	28613	126608	367356	1603951	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	22650 10498639	117550	458728	1115341	4303668	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	Ave	3850 1798918	20701	81031	190590	743778	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	18368 8701605	101956	387068	938359	3610479	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	6478 2677132	32841	121382	298249	1210032	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	3262 1822363	19119	68169	168198	683871	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	8920 3490643	40280	155185	349058	1355419	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	15729 6825782	76121	246579	643180	2581011	20.0 10000	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	23492 10862603	127093	485677	1148690	4540802	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	7525 3596727	38495	156017	354948	1390801	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	5527 621753	28624	58532	134086	292280	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	4654 2206297	25071	97053	226104	887585	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	20735 9290449	111414	434003	1012665	3903656	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	12095 5891466	65746	263054	597901	2299467	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	34928 12897714	180543	627164	1558775	4757955	2.00 1000	10.0	40.0	100	400
Allyl alcohol	FB	Ave	112661 765718	234366	309958	395931	546664	1000 6000	2000	3000	4000	5000
Tert-butyl ethyl ether	FB	Ave	9884 4958037	51515	207698	492560	1970579	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	11867 5357592	57623	240652	535831	2099357	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8554 3981675	44179	169201	392166	1537624	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	4792 511568	13662	19681	51191	204572	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	2441 979299	11293	41559	99456	398478	2.00 1000	10.0	40.0	100	400
Propionitrile	FB	Ave	1605 1049729	11038	39818	100855	405306	2.00 1000	10.0	40.0	100	400

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromochloromethane	FB	Ave	3637 1846784	20896	80537	185490	709771	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	2884 1060594	13154	44180	112752	432327	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	7958 3299382	38161	145882	355364	1375319	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	12663 6223147	65939	267307	618994	2417742	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	10351 5525031	62540	245164	585333	2270624	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	10749 5730395	57814	235972	556473	2213681	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	7542 4831557	46571	189275	459966	1841554	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	8934 4616528	48361	195119	451687	1777624	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	FB	Ave	236971 1707030	497747	678767	933548	1249348	1000 6000	2000	3000	4000	5000
Benzene	CBZ	Ave	29447 13193429	152546	614108	1408243	5428795	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	36192 13493096	184517	676494	1623764	6076578	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	20386 9921582	115847	445149	1055321	4154302	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	10704 5010506	54180	218417	502570	1968770	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4109 1909296	22480	84278	189516	755929	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	4732 2814835	29740	115306	283148	1114840	2.00 1000	10.0	40.0	100	400
n-Butanol	FB	Ave	51983 400534	104111	142355	200004	268314	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	7660 3703988	39075	157803	363612	1470062	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	11099 6337583	69674	271890	648049	2544362	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	18100 8781614	101802	390660	953630	3658715	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	6971 3267097	36776	146168	329217	1293829	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2181 1266884	14382	50905	126357	502986	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	FB	Ave	3934 ++++	8575	10713	13531	21152	50.0 ++++	100	150	200	250
Dibromomethane	FB	Ave	4629 2242144	24075	96159	225547	885099	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	11446 4787155	57453	201519	493244	1970676	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	8898 4921421	49034	203230	472159	1900622	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	4912 2530110	26218	104986	256946	1025409	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	14844 7340666	81415	300660	757332	2978295	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	11431 6025878	64434	263460	600901	2354640	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	33322 3498906	94379	133565	338694	1383723	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	30170 14405425	169255	672995	1536668	5993142	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	10740 5794475	58841	241611	563000	2249264	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	9390 5247169	52791	207607	505687	2063614	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	6088 2867870	29126	119728	278919	1105887	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	7309 3960086	41149	163574	379400	1541320	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	11312 5735409	63239	245255	568718	2224262	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	23970 2532590	66393	89199	234877	959803	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	4469 2264703	23079	85215	217800	880393	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	5606 3968325	35912	146995	349340	1470083	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	6933 3724464	36784	149648	351674	1399509	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	19989 10284834	110296	435506	1012032	3996285	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10348 5932315	58338	240518	564862	2265562	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	6541 3788221	35961	138888	332477	1393814	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
m&p-Xylene	CBZ	Ave	26296 13755990	153558	611712	1411495	5518532	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	5664 3155083	31472	120459	309724	1269220	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	13662 7048349	74711	300770	700587	2760763	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	21925 11999010	126159	520036	1213361	4825808	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	9746 5574669	58716	227413	572145	2303497	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3879 2976472	23195	101435	253515	1099076	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	33799 15485372	191987	770386	1811976	7067170	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	3075 1422174	15763	55336	135227	544401	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	8816 4767474	50338	195096	450604	1834227	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	9664 4740569	52898	201460	483810	1861454	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	40270 ++++	237608	937140	2185652	8296428	1.00 ++++	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2996 1653575	16793	65349	160198	634585	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2392 1398367	13219	52258	131905	551350	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	28925 13331937	161539	634589	1494397	5857775	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	33045 13982383	193986	731911	1811514	7062782	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	29982 12896037	174256	683311	1612914	6312440	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	28061 12627615	149940	597503	1385443	5488414	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	9047 5487777	53294	217085	539477	2273390	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	25161 12114979	150981	582060	1387934	5474344	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	30841 ++++	183231	709152	1649924	6390543	1.00 ++++	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	10132 4822265	50421	197644	511521	2002379	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343

SDG No.: _____

Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
sec-Butylbenzene	DCB	Ave	37314 ++++	225266	892605	2039424	7731023	1.00 ++++	5.00	20.0	50.0	200
2-Octanol	DCB	Ave	2918 1823491	13554	52479	145378	627466	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	18956 8197533	98427	382518	889767	3459988	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	32041 ++++	193274	761796	1768199	6700750	1.00 ++++	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18657 8474821	103524	398249	918871	3632448	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	4454 2208020	24149	95286	224491	922045	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	31640 ++++	171709	654788	1590574	6075123	1.00 ++++	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	20324 9570863	114470	432917	1075803	4184342	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	37609 ++++	222374	853524	1992506	7472052	1.00 ++++	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	18763 8188293	97196	375840	874247	3432897	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	34649 ++++	185650	702495	1711011	6586010	1.00 ++++	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	2945 1145782	10867	44577	107463	445588	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	6265 2760376	28778	96367	263678	1063319	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	14671 6506020	74608	280423	665053	2635649	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	6204 3088806	34221	123794	295795	1213172	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	44201 ++++	204467	743105	1780145	6838656	1.00 ++++	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	15153 6225410	72337	261732	620643	2508885	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	271817 288953	271651	272713	270296	280757	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	809171 903831	807581	828431	802912	847014	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	340511 401947	336868	346453	339117	372631	50.0 50.0	50.0	50.0	50.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-53245-1 Analy Batch No.: 152343
SDG No.: _____
Instrument ID: VOAMS10 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 03/21/2013 13:53 Calibration End Date: 03/21/2013 16:01 Calibration ID: 20816

Curve Type Legend:

Ave = Average ISTD LinF = Linear ISTD forced zero

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00002.d
 Report Date: 22-Mar-2013 15:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00002.d
 Lab Smp Id: ICIS
 Inj Date : 21-MAR-2013 13:53
 Operator : Inst ID: VOAMS10.i
 Smp Info : ICIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/8260_09.m
 Meth Date : 22-Mar-2013 15:01 sylvanus Quant Type: ISTD
 Cal Date : 21-MAR-2013 13:53 Cal File: r00002.d
 Als bottle: 22 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	162815	20.0000	20
179 Freon 152a	51	1.422	1.422	(0.278)	174	20.0000	
176 Chlorodifluoromethane	51	1.422	1.422	(0.278)	174	20.0000	
177 Monochloropentafluoroethane	85	1.440	1.440	(0.281)	110	20.0000	
3 Chloromethane	50	1.522	1.522	(0.297)	136032	20.0000	20
4 Vinyl Chloride	62	1.605	1.605	(0.313)	147092	20.0000	24
6 Bromomethane	94	1.875	1.875	(0.366)	65415	20.0000	18
5 Chloroethane	64	1.963	1.963	(0.383)	86029	20.0000	20
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	241760	20.0000	20
178 Freon 123	83	2.133	2.133	(0.416)	17806	20.0000	
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	229220	20.0000	20
8 n-Pentane	72	2.180	2.180	(0.426)	54351	40.0000	42
9 Ethanol	46	2.339	2.339	(0.456)	56145	3000.00	2900
11 Ethyl Ether	59	2.374	2.374	(0.463)	104495	20.0000	21
10 Isoprene	67	2.386	2.386	(0.466)	179910	20.0000	21
14 Freon TF	101	2.533	2.533	(0.494)	136782	20.0000	21

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00002.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
13 Acrolein	56	2.539	2.539	(0.495)	56720	40.0000	43
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	119579	20.0000	21
16 Acetone	58	2.656	2.656	(0.518)	15224	20.0000	20
17 Iodomethane	142	2.709	2.709	(0.529)	126608	20.0000	19
18 Carbon Disulfide	76	2.739	2.739	(0.534)	458728	20.0000	21
20 Allyl Chloride	76	2.874	2.874	(0.561)	81031	20.0000	21
170 Cyclopentene	67	2.891	2.891	(0.564)	387068	20.0000	21
21 Acetonitrile	39	2.938	2.938	(0.573)	68169	400.000	390
22 Methylene Chloride	84	2.997	2.997	(0.585)	155185	20.0000	20
24 TBA	59	3.068	3.068	(0.599)	246579	400.000	360
28 MTBE	73	3.156	3.156	(0.616)	485677	20.0000	21
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	156017	20.0000	21
26 Acrylonitrile	53	3.256	3.256	(0.635)	58532	20.0000	20
29 Hexane	56	3.332	3.332	(0.650)	97053	20.0000	21
27 Methyl Acetate	43	2.891	2.891	(0.564)	121382	20.0000	20(H)
32 DIPE	45	3.544	3.544	(0.692)	434003	20.0000	21
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	263054	20.0000	22
31 Vinyl Acetate	43	3.591	3.591	(0.701)	627164	40.0000	52
33 Allyl Alcohol	57	3.602	3.602	(0.703)	309958	3000.00	2800
34 n-Propanol	42	3.649	3.649	(0.712)	84356	3000.00	2800
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	207698	20.0000	21
37 2,2-Dichloropropane	77	4.055	4.055	(0.791)	240652	20.0000	22
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	169201	20.0000	21
38 2-Butanone	72	4.102	4.102	(0.800)	19681	20.0000	20
39 Ethyl Acetate	70	4.108	4.108	(0.802)	41559	40.0000	39
173 Propionitrile	54	4.231	4.231	(0.826)	39818	40.0000	40
40 Bromochloromethane	128	4.301	4.301	(0.839)	80537	20.0000	21
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	44180	20.0000	19
174 Methacrylonitrile	67	4.331	4.331	(0.845)	145882	40.0000	40
42 Chloroform	83	4.354	4.354	(0.850)	267307	20.0000	21
44 Cyclohexane	56	4.478	4.478	(0.874)	245164	20.0000	21
43 1,1,1-Trichloroethane	97	4.495	4.495	(0.877)	235972	20.0000	21
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	189275	20.0000	21
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	195119	20.0000	21
181 Isobutyl Alcohol	43	4.772	4.772	(0.931)	678767	3000.00	2800
48 Benzene	78	4.836	4.836	(0.565)	614108	20.0000	22
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	272713	50.0000	50
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	676494	40.0000	41
50 t-Amyl-methyl-ether	73	4.907	4.907	(0.958)	445149	20.0000	21
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	218417	20.0000	21
51 n-Heptane	57	4.995	4.995	(0.975)	84278	20.0000	21
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	1187101	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.336	5.336	(1.041)	115306	40.0000	42
53 n-Butanol	41	5.435	5.435	(1.061)	142355	1500.00	1300
54 Trichloroethene	95	5.471	5.471	(1.068)	157803	20.0000	21
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	271890	20.0000	21
55 Ethyl Acrylate	55	5.600	5.600	(1.093)	390660	20.0000	21

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00002.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	146168	20.0000	21
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	50905	20.0000	20
60 1,4-Dioxane	88	5.876	5.876	(1.147)	10713	150.000	140
58 Dibromomethane	93	5.882	5.882	(1.148)	96159	20.0000	21
75 Propyl Acetate	43	5.900	5.900	(1.151)	201519	20.0000	19
68 Bromodichloromethane	83	6.035	6.035	(1.178)	203230	20.0000	21
62 2-Chloroethyl Vinyl Ether	63	6.376	6.376	(1.244)	104986	20.0000	21
63 Epichlorohydrin	57	6.481	6.481	(0.758)	300660	400.000	400
67 cis-1,3-Dichloropropene	75	6.534	6.534	(0.764)	263460	20.0000	22
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	133565	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	6.781	6.781	(0.793)	828431	50.0000	51
66 Toluene	91	6.857	6.857	(0.802)	672995	20.0000	22
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.842)	241611	20.0000	22
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	207607	20.0000	20
69 1,1,2-Trichloroethane	83	7.416	7.416	(0.867)	119728	20.0000	21
71 Tetrachloroethene	166	7.457	7.457	(0.872)	163574	20.0000	21
72 1,3-Dichloropropane	76	7.627	7.627	(0.891)	245255	20.0000	21
73 2-Hexanone	43	7.698	7.698	(0.900)	89199	20.0000	19
76 Butyl Acetate	73	7.815	7.815	(0.913)	85215	40.0000	39
74 Dibromochloromethane	129	7.850	7.850	(0.918)	146995	20.0000	21
77 1,2-Dibromoethane	107	8.009	8.009	(0.936)	149648	20.0000	21
* 78 Chlorobenzene-d5	117	8.555	8.555	(1.000)	838041	50.0000	
79 Chlorobenzene	112	8.591	8.591	(1.004)	435506	20.0000	21
81 Ethylbenzene	106	8.696	8.696	(1.016)	240518	20.0000	22
80 1,1,1,2-Tetrachloroethane	131	8.708	8.708	(1.018)	138888	20.0000	20
82 m+p-Xylene	106	8.855	8.855	(1.035)	611712	40.0000	44
83 Butyl Acrylate	73	9.337	9.337	(1.091)	120459	20.0000	20
84 o-Xylene	106	9.349	9.349	(1.093)	300770	20.0000	22
85 Styrene	104	9.378	9.378	(1.096)	520036	20.0000	22
86 Bromoform	173	9.584	9.584	(1.120)	101435	20.0000	21
87 Amyl Acetate	43	9.584	9.584	(0.887)	227413	20.0000	21
88 Isopropylbenzene	105	9.713	9.713	(1.135)	770386	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	9.901	9.901	(0.917)	346453	50.0000	50
90 Camphene (total)	41	9.919	9.919	(1.159)	55336	20.0000	20
91 Bromobenzene	156	10.018	10.018	(0.928)	195096	20.0000	21
92 1,1,2,2-Tetrachloroethane	83	10.060	10.060	(0.931)	201460	20.0000	21
95 n-Propylbenzene	91	10.089	10.089	(0.934)	937140	20.0000	21
93 1,2,3-Trichloropropane	110	10.101	10.101	(0.935)	65349	20.0000	21
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	52258	20.0000	20
96 2-Chlorotoluene	91	10.177	10.177	(0.942)	634589	20.0000	22
183 4-Ethyltoluene	105	10.189	10.189	(1.988)	731911	20.0000	21
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.948)	683311	20.0000	22
98 4-Chlorotoluene	91	10.271	10.271	(0.951)	597503	20.0000	22
99 Butyl Methacrylate	87	10.330	10.330	(0.956)	217085	20.0000	21
100 tert-Butylbenzene	119	10.483	10.483	(0.971)	582060	20.0000	22
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.975)	709152	20.0000	21
102 2-Octanone	43	10.629	10.629	(0.984)	197644	20.0000	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00002.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
103 sec-Butylbenzene	105	10.647	10.647	(0.986)	892605	20.0000	22
104 2-Octanol	45	10.671	10.671	(0.988)	52479	20.0000	18
107 p-Isopropyltoluene	119	10.747	10.747	(0.995)	761796	20.0000	22
105 1,3-Dichlorobenzene	146	10.747	10.747	(0.995)	382518	20.0000	21
* 108 1,4-Dichlorobenzene-d4	152	10.800	10.800	(1.000)	468283	50.0000	
109 1,4-Dichlorobenzene	146	10.818	10.818	(1.002)	398249	20.0000	22
110 Benzyl Chloride	126	10.917	10.917	(1.011)	95286	20.0000	21
171 Indan	117	10.964	10.964	(2.140)	654788	20.0000	20
184 1,4-Diethylbenzene	119	11.006	11.006	(2.148)	432917	20.0000	21
106 n-Butylbenzene	91	11.023	11.023	(1.021)	853524	20.0000	21
111 1,2-Dichlorobenzene	146	11.064	11.064	(1.024)	375840	20.0000	21
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.528	(2.250)	702495	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	11.611	11.611	(1.075)	44577	20.0000	19
113 Camphor	95	12.128	12.128	(1.123)	96367	100.000	90
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.129)	280423	20.0000	21
115 Hexachlorobutadiene	225	12.286	12.286	(1.138)	123794	20.0000	20
116 Naphthalene	128	12.416	12.416	(1.150)	743105	20.0000	19
117 1,2,3-Trichlorobenzene	180	12.627	12.627	(1.169)	261732	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				325218	40.0000	42
M 121 Xylene (Total)	100				912482	60.0000	65

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: r00002.d

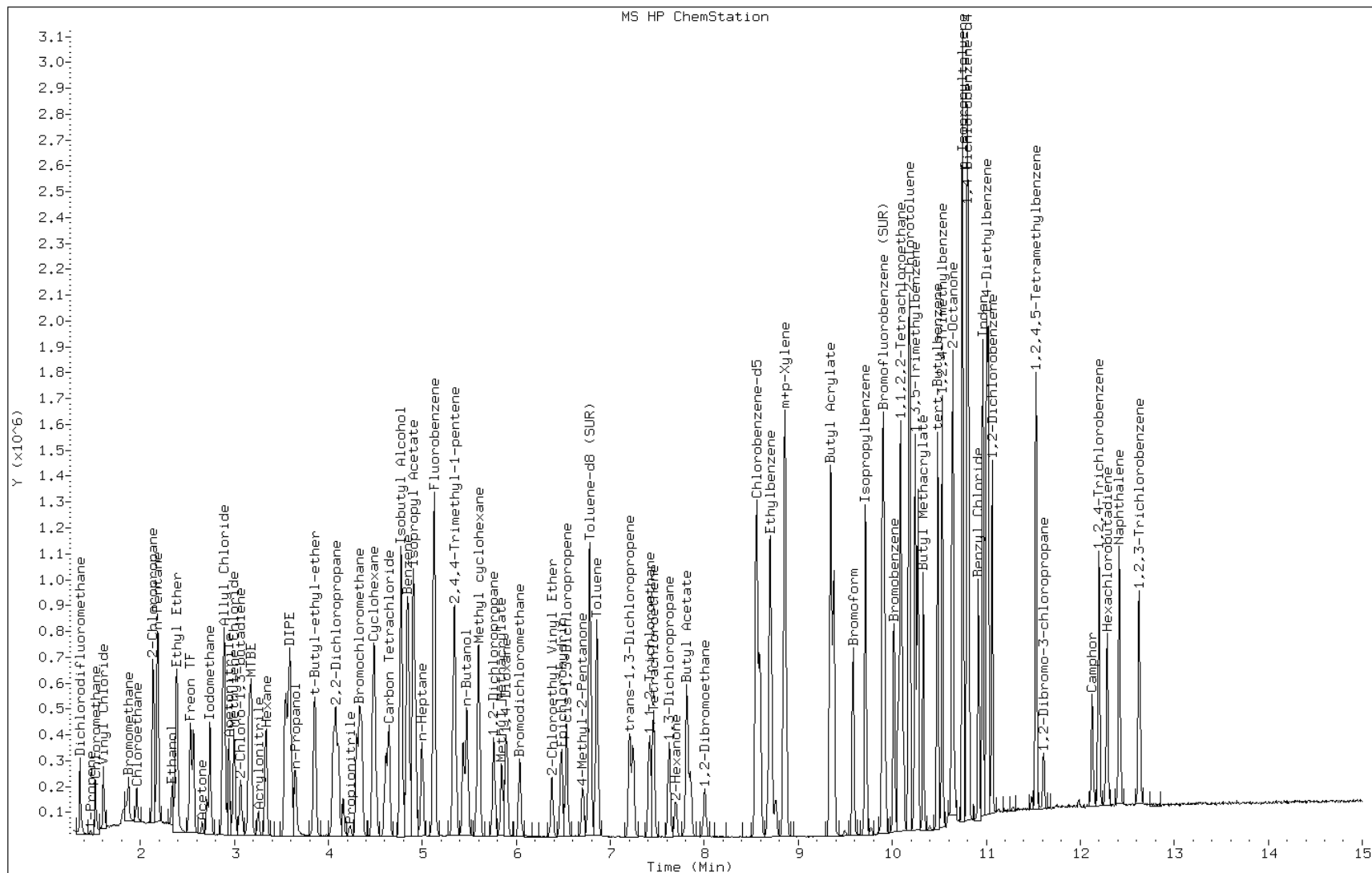
Date: 21-MAR-2013 13:53

Client ID:

Instrument: VOAMS10.i

Sample Info: ICIS

Operator:



Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00003.d
 Report Date: 22-Mar-2013 15:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00003.d
 Lab Smp Id: IC
 Inj Date : 21-MAR-2013 14:19
 Operator : Inst ID: VOAMS10.i
 Smp Info : IC
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/8260_09.m
 Meth Date : 22-Mar-2013 15:01 sylvanus Quant Type: ISTD
 Cal Date : 21-MAR-2013 14:19 Cal File: r00003.d
 Als bottle: 23 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	35046	5.00000	4.4	
179 Freon 152a	51	1.405	1.422	(0.274)	324	5.00000		
176 Chlorodifluoromethane	51	1.405	1.422	(0.274)	324	5.00000		
177 Monochloropentafluoroethane	85	1.440	1.440	(0.281)	145	5.00000		
3 Chloromethane	50	1.522	1.522	(0.297)	32341	5.00000	4.8	
4 Vinyl Chloride	62	1.604	1.605	(0.313)	32699	5.00000	5.3	
6 Bromomethane	94	1.869	1.875	(0.365)	14253	5.00000	4.1	
5 Chloroethane	64	1.957	1.963	(0.382)	19651	5.00000	4.7	
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	65534	5.00000	5.5	
178 Freon 123	83	2.133	2.133	(0.416)	5020	5.00000		
7 Trichlorofluoromethane	101	2.133	2.139	(0.416)	50135	5.00000	4.5	
8 n-Pentane	72	2.180	2.180	(0.426)	14437	10.0000	11	
9 Ethanol	46	2.339	2.339	(0.456)	40692	2000.00	2200	
11 Ethyl Ether	59	2.374	2.374	(0.463)	28164	5.00000	5.7	
10 Isoprene	67	2.386	2.386	(0.466)	48514	5.00000	5.8	
14 Freon TF	101	2.527	2.533	(0.493)	34496	5.00000	5.4	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00003.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
13 Acrolein	56	2.539	2.539	(0.495)	28870	20.0000	22
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	30333	5.00000	5.3
16 Acetone	58	2.656	2.656	(0.518)	9694	15.0000	13
17 Iodomethane	142	2.709	2.709	(0.529)	28613	5.00000	4.3
18 Carbon Disulfide	76	2.738	2.739	(0.534)	117550	5.00000	5.4
20 Allyl Chloride	76	2.874	2.874	(0.561)	20701	5.00000	5.5
170 Cyclopentene	67	2.891	2.891	(0.564)	101956	5.00000	5.6
21 Acetonitrile	39	2.944	2.938	(0.575)	19119	100.000	110
22 Methylene Chloride	84	2.997	2.997	(0.585)	40280	5.00000	5.4
24 TBA	59	3.068	3.068	(0.599)	76121	100.000	110
28 MTBE	73	3.156	3.156	(0.616)	127093	5.00000	5.5
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	38495	5.00000	5.3
26 Acrylonitrile	53	3.256	3.256	(0.635)	28624	10.0000	10
29 Hexane	56	3.338	3.332	(0.651)	25071	5.00000	5.5
27 Methyl Acetate	43	2.891	2.891	(0.564)	32841	5.00000	5.5(H)
32 DIPE	45	3.543	3.544	(0.692)	111414	5.00000	5.5
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	65746	5.00000	5.5
31 Vinyl Acetate	43	3.590	3.591	(0.701)	180543	10.0000	15
33 Allyl Alcohol	57	3.602	3.602	(0.703)	234366	2000.00	2100
34 n-Propanol	42	3.649	3.649	(0.712)	62954	2000.00	2100
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	51515	5.00000	5.2
37 2,2-Dichloropropane	77	4.055	4.055	(0.791)	57623	5.00000	5.2
36 cis-1,2-Dichloroethene	96	4.084	4.078	(0.797)	44179	5.00000	5.5
38 2-Butanone	72	4.107	4.102	(0.802)	13662	15.0000	14
39 Ethyl Acetate	70	4.107	4.108	(0.802)	11293	10.0000	11
173 Propionitrile	54	4.225	4.231	(0.825)	11038	10.0000	11
40 Bromochloromethane	128	4.301	4.301	(0.839)	20896	5.00000	5.6
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	13154	5.00000	5.6
174 Methacrylonitrile	67	4.331	4.331	(0.845)	38161	10.0000	11
42 Chloroform	83	4.354	4.354	(0.850)	65939	5.00000	5.3
44 Cyclohexane	56	4.472	4.478	(0.873)	62540	5.00000	5.5
43 1,1,1-Trichloroethane	97	4.495	4.495	(0.877)	57814	5.00000	5.2
45 Carbon Tetrachloride	117	4.613	4.607	(0.900)	46571	5.00000	5.2
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	48361	5.00000	5.3
181 Isobutyl Alcohol	43	4.777	4.772	(0.932)	497747	2000.00	2100
48 Benzene	78	4.842	4.836	(0.566)	152546	5.00000	5.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	271651	50.0000	50
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	184517	10.0000	11
50 t-Amyl-methyl-ether	73	4.907	4.907	(0.958)	115847	5.00000	5.6
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	54180	5.00000	5.3
51 n-Heptane	57	4.995	4.995	(0.975)	22480	5.00000	5.7
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	1170056	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.335	5.336	(1.041)	29740	10.0000	11
53 n-Butanol	41	5.430	5.435	(1.060)	104111	1000.00	990
54 Trichloroethene	95	5.476	5.471	(1.069)	39075	5.00000	5.3
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	69674	5.00000	5.5
55 Ethyl Acrylate	55	5.600	5.600	(1.093)	101802	5.00000	5.5

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00003.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	36776	5.00000	5.4
59 Methyl Methacrylate	100	5.847	5.841	(1.141)	14382	5.00000	5.8
60 1,4-Dioxane	88	5.888	5.876	(1.149)	8575	100.000	110
58 Dibromomethane	93	5.888	5.882	(1.149)	24075	5.00000	5.3
75 Propyl Acetate	43	5.900	5.900	(1.151)	57453	5.00000	5.6
68 Bromodichloromethane	83	6.035	6.035	(1.178)	49034	5.00000	5.2
62 2-Chloroethyl Vinyl Ether	63	6.381	6.376	(1.245)	26218	5.00000	5.2
63 Epichlorohydrin	57	6.481	6.481	(0.758)	81415	100.000	110
67 cis-1,3-Dichloropropene	75	6.534	6.534	(0.764)	64434	5.00000	5.4
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	94379	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	6.781	6.781	(0.793)	807581	50.0000	50
66 Toluene	91	6.857	6.857	(0.802)	169255	5.00000	5.6
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.842)	58841	5.00000	5.3
175 Ethyl methacrylate	69	7.245	7.239	(1.414)	52791	5.00000	5.3
69 1,1,2-Trichloroethane	83	7.415	7.416	(0.867)	29126	5.00000	5.2
71 Tetrachloroethene	166	7.457	7.457	(0.872)	41149	5.00000	5.4
72 1,3-Dichloropropane	76	7.627	7.627	(0.891)	63239	5.00000	5.6
73 2-Hexanone	43	7.697	7.698	(0.900)	66393	15.0000	15
76 Butyl Acetate	73	7.821	7.815	(0.914)	23079	10.0000	11
74 Dibromochloromethane	129	7.850	7.850	(0.918)	35912	5.00000	5.3
77 1,2-Dibromoethane	107	8.009	8.009	(0.936)	36784	5.00000	5.3
* 78 Chlorobenzene-d5	117	8.555	8.555	(1.000)	828098	50.0000	
79 Chlorobenzene	112	8.585	8.591	(1.003)	110296	5.00000	5.5
81 Ethylbenzene	106	8.696	8.696	(1.016)	58338	5.00000	5.3
80 1,1,1,2-Tetrachloroethane	131	8.708	8.708	(1.018)	35961	5.00000	5.3
82 m+p-Xylene	106	8.855	8.855	(1.035)	153558	10.0000	11
83 Butyl Acrylate	73	9.343	9.337	(1.092)	31472	5.00000	5.3
84 o-Xylene	106	9.348	9.349	(1.093)	74711	5.00000	5.4
85 Styrene	104	9.378	9.378	(1.096)	126159	5.00000	5.4
86 Bromoform	173	9.584	9.584	(1.120)	23195	5.00000	4.8
87 Amyl Acetate	43	9.584	9.584	(0.887)	58716	5.00000	5.4
88 Isopropylbenzene	105	9.713	9.713	(1.135)	191987	5.00000	5.6
\$ 89 Bromofluorobenzene (SUR)	174	9.901	9.901	(0.917)	336868	50.0000	49
90 Camphene (total)	41	9.913	9.919	(1.159)	15763	5.00000	5.6
91 Bromobenzene	156	10.018	10.018	(0.928)	50338	5.00000	5.5
92 1,1,2,2-Tetrachloroethane	83	10.059	10.060	(0.931)	52898	5.00000	5.6
95 n-Propylbenzene	91	10.089	10.089	(0.934)	237608	5.00000	5.5
93 1,2,3-Trichloropropane	110	10.101	10.101	(0.935)	16793	5.00000	5.4
94 trans-1,4-Dichloro-2-butene	53	10.124	10.118	(0.937)	13219	5.00000	5.2
96 2-Chlorotoluene	91	10.177	10.177	(0.942)	161539	5.00000	5.6
183 4-Ethyltoluene	105	10.189	10.189	(1.988)	193986	5.00000	5.7
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.948)	174256	5.00000	5.7
98 4-Chlorotoluene	91	10.271	10.271	(0.951)	149940	5.00000	5.5
99 Butyl Methacrylate	87	10.330	10.330	(0.956)	53294	5.00000	5.2
100 tert-Butylbenzene	119	10.482	10.483	(0.971)	150981	5.00000	5.7
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.975)	183231	5.00000	5.6
102 2-Octanone	43	10.629	10.629	(0.984)	50421	5.00000	5.2

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00003.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
103 sec-Butylbenzene	105	10.647	10.647	(0.986)	225266	5.00000	5.6
104 2-Octanol	45	10.671	10.671	(0.988)	13554	5.00000	4.7(a)
107 p-Isopropyltoluene	119	10.747	10.747	(0.995)	193274	5.00000	5.5
105 1,3-Dichlorobenzene	146	10.747	10.747	(0.995)	98427	5.00000	5.6
* 108 1,4-Dichlorobenzene-d4	152	10.800	10.800	(1.000)	462974	50.0000	
109 1,4-Dichlorobenzene	146	10.817	10.818	(1.002)	103524	5.00000	5.7
110 Benzyl Chloride	126	10.917	10.917	(1.011)	24149	5.00000	5.4
171 Indan	117	10.964	10.964	(2.140)	171709	5.00000	5.4
184 1,4-Diethylbenzene	119	11.005	11.006	(2.148)	114470	5.00000	5.5
106 n-Butylbenzene	91	11.023	11.023	(1.021)	222374	5.00000	5.6
111 1,2-Dichlorobenzene	146	11.064	11.064	(1.024)	97196	5.00000	5.6
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.528	(2.250)	185650	5.00000	5.4
112 1,2-Dibromo-3-chloropropane	75	11.611	11.611	(1.075)	10867	5.00000	4.8
113 Camphor	95	12.128	12.128	(1.123)	28778	25.0000	27
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.129)	74608	5.00000	5.6
115 Hexachlorobutadiene	225	12.286	12.286	(1.138)	34221	5.00000	5.7
116 Naphthalene	128	12.416	12.416	(1.150)	204467	5.00000	5.4
117 1,2,3-Trichlorobenzene	180	12.627	12.627	(1.169)	72337	5.00000	5.6
M 120 1,2-Dichloroethene (Total)	100				82674	10.0000	11
M 121 Xylene (Total)	100				228269	15.0000	16

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: r00003.d

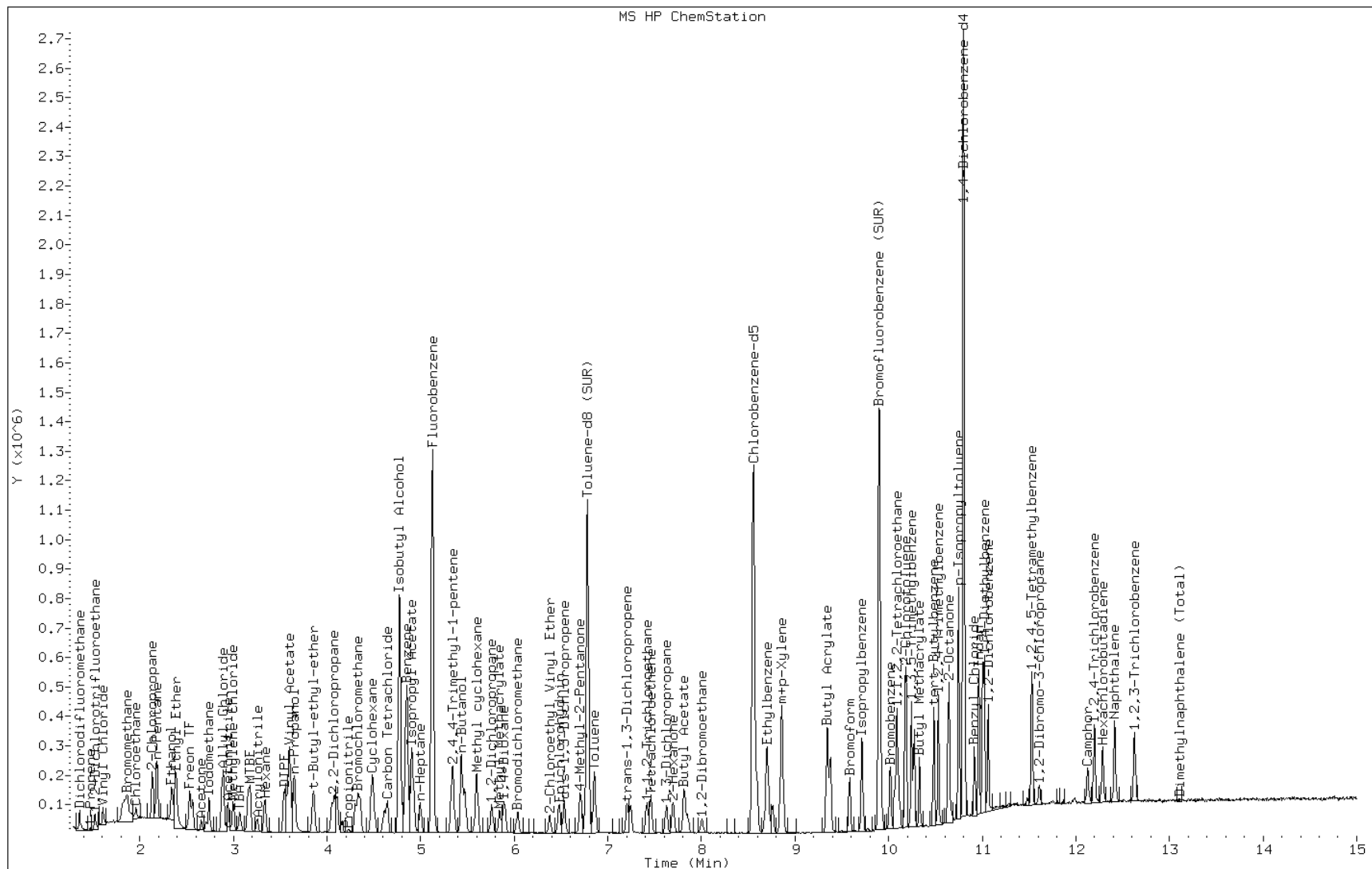
Date: 21-MAR-2013 14:19

Client ID:

Instrument: VOAMS10.i

Sample Info: IC

Operator:



Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00004.d
 Report Date: 22-Mar-2013 15:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00004.d
 Lab Smp Id: IC
 Inj Date : 21-MAR-2013 14:44
 Operator : Inst ID: VOAMS10.i
 Smp Info : IC
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/8260_09.m
 Meth Date : 22-Mar-2013 15:01 sylvanus Quant Type: ISTD
 Cal Date : 21-MAR-2013 14:44 Cal File: r00004.d
 Als bottle: 24 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	9545	1.00000	1.2
179 Freon 152a	51	1.458	1.422	(0.284)	75	1.00000	
176 Chlorodifluoromethane	51	1.458	1.422	(0.284)	75	1.00000	
177 Monochloropentafluoroethane	85	1.358	1.440	(0.265)	9545	1.00000	
3 Chloromethane	50	1.522	1.522	(0.297)	8345	1.00000	1.2
4 Vinyl Chloride	62	1.605	1.605	(0.313)	9301	1.00000	1.5
6 Bromomethane	94	1.869	1.875	(0.365)	3925	1.00000	1.1
5 Chloroethane	64	1.957	1.963	(0.382)	5083	1.00000	1.2
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	13767	1.00000	1.1
178 Freon 123	83	2.139	2.133	(0.417)	1981	1.00000	
7 Trichlorofluoromethane	101	2.133	2.139	(0.416)	13749	1.00000	1.2
8 n-Pentane	72	2.180	2.180	(0.426)	2396	2.00000	1.8(a)
9 Ethanol	46	2.339	2.339	(0.456)	21191	1000.00	1100
11 Ethyl Ether	59	2.374	2.374	(0.463)	4929	1.00000	0.99(a)
10 Isoprene	67	2.386	2.386	(0.466)	7280	1.00000	0.87(a)
14 Freon TF	101	2.533	2.533	(0.494)	5322	1.00000	0.83(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r000004.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
13 Acrolein	56	2.539	2.539	(0.495)	4836	4.00000	3.7(a)
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	6085	1.00000	1.0
16 Acetone	58	2.656	2.656	(0.518)	4624	5.00000	6.1
17 Iodomethane	142	2.709	2.709	(0.529)	5509	1.00000	0.82(a)
18 Carbon Disulfide	76	2.739	2.739	(0.534)	22650	1.00000	1.0
20 Allyl Chloride	76	2.874	2.874	(0.561)	3850	1.00000	1.0
170 Cyclopentene	67	2.891	2.891	(0.564)	18368	1.00000	0.99(a)
21 Acetonitrile	39	2.938	2.938	(0.573)	3262	20.0000	19(a)
22 Methylene Chloride	84	2.997	2.997	(0.585)	8920	1.00000	1.2
24 TBA	59	3.073	3.068	(0.600)	15729	20.0000	23
28 MTBE	73	3.156	3.156	(0.616)	23492	1.00000	1.0
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	7525	1.00000	1.0
26 Acrylonitrile	53	3.256	3.256	(0.635)	5527	2.00000	1.9(a)
29 Hexane	56	3.338	3.332	(0.651)	4654	1.00000	1.0
27 Methyl Acetate	43	2.891	2.891	(0.564)	6478	1.00000	1.1(H)
32 DIPE	45	3.544	3.544	(0.692)	20735	1.00000	1.0
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	12095	1.00000	1.00
31 Vinyl Acetate	43	3.591	3.591	(0.701)	34928	2.00000	2.9
33 Allyl Alcohol	57	3.602	3.602	(0.703)	112661	1000.00	1000
34 n-Propanol	42	3.649	3.649	(0.712)	30879	1000.00	1000
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	9884	1.00000	1.00
37 2,2-Dichloropropane	77	4.055	4.055	(0.791)	11867	1.00000	1.1
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	8554	1.00000	1.0
38 2-Butanone	72	4.108	4.102	(0.802)	4792	5.00000	4.9(a)
39 Ethyl Acetate	70	4.113	4.108	(0.803)	2441	2.00000	2.3
173 Propionitrile	54	4.237	4.231	(0.827)	1605	2.00000	1.6(a)
40 Bromochloromethane	128	4.296	4.301	(0.838)	3637	1.00000	0.97(a)
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	2884	1.00000	1.2
174 Methacrylonitrile	67	4.331	4.331	(0.845)	7958	2.00000	2.2
42 Chloroform	83	4.354	4.354	(0.850)	12663	1.00000	1.0
44 Cyclohexane	56	4.478	4.478	(0.874)	10351	1.00000	0.91(a)
43 1,1,1-Trichloroethane	97	4.489	4.495	(0.876)	10749	1.00000	0.96(a)
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	7542	1.00000	0.84(a)
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	8934	1.00000	0.98(a)
181 Isobutyl Alcohol	43	4.777	4.772	(0.932)	236971	1000.00	980
48 Benzene	78	4.836	4.836	(0.965)	29447	1.00000	1.1
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	271817	50.0000	50
61 Isopropyl Acetate	43	4.907	4.901	(0.958)	36192	2.00000	2.2
50 t-Amyl-methyl-ether	73	4.913	4.907	(0.959)	20386	1.00000	0.97(a)
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	10704	1.00000	1.0
51 n-Heptane	57	5.007	4.995	(0.977)	4109	1.00000	1.0(a)
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	1178986	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.347	5.336	(1.044)	4732	2.00000	1.7(a)
53 n-Butanol	41	5.435	5.435	(1.061)	51983	500.000	490(a)
54 Trichloroethene	95	5.477	5.471	(1.069)	7660	1.00000	1.0
56 Methyl cyclohexane	83	5.600	5.594	(1.093)	11099	1.00000	0.88(a)
55 Ethyl Acrylate	55	5.600	5.600	(1.093)	18100	1.00000	0.97(a)

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00004.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	6971	1.00000	1.0
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	2181	1.00000	0.87(a)
60 1,4-Dioxane	88	5.888	5.876	(1.149)	3934	50.0000	51
58 Dibromomethane	93	5.888	5.882	(1.149)	4629	1.00000	1.0
75 Propyl Acetate	43	5.900	5.900	(1.151)	11446	1.00000	1.1(a)
68 Bromodichloromethane	83	6.035	6.035	(1.178)	8898	1.00000	0.94(a)
62 2-Chloroethyl Vinyl Ether	63	6.381	6.376	(1.245)	4912	1.00000	0.97(a)
63 Epichlorohydrin	57	6.481	6.481	(0.758)	14844	20.0000	20
67 cis-1,3-Dichloropropene	75	6.534	6.534	(0.764)	11431	1.00000	0.97(a)
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	33322	5.00000	5.2
\$ 65 Toluene-d8 (SUR)	98	6.781	6.781	(0.793)	809171	50.0000	51
66 Toluene	91	6.857	6.857	(0.802)	30170	1.00000	1.0
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.842)	10740	1.00000	0.98(a)
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	9390	1.00000	0.93(a)
69 1,1,2-Trichloroethane	83	7.416	7.416	(0.867)	6088	1.00000	1.1
71 Tetrachloroethene	166	7.457	7.457	(0.872)	7309	1.00000	0.97(a)
72 1,3-Dichloropropane	76	7.627	7.627	(0.891)	11312	1.00000	1.0
73 2-Hexanone	43	7.703	7.698	(0.900)	23970	5.00000	5.3
76 Butyl Acetate	73	7.809	7.815	(0.913)	4469	2.00000	2.1
74 Dibromochloromethane	129	7.856	7.850	(0.918)	5606	1.00000	0.83(a)
77 1,2-Dibromoethane	107	8.003	8.009	(0.935)	6933	1.00000	1.0
* 78 Chlorobenzene-d5	117	8.555	8.555	(1.000)	822059	50.0000	
79 Chlorobenzene	112	8.597	8.591	(1.005)	19989	1.00000	1.0
81 Ethylbenzene	106	8.696	8.696	(1.016)	10348	1.00000	0.94(a)
80 1,1,1,2-Tetrachloroethane	131	8.714	8.708	(1.019)	6541	1.00000	0.98(a)
82 m+p-Xylene	106	8.855	8.855	(1.035)	26296	2.00000	1.9
83 Butyl Acrylate	73	9.349	9.337	(1.093)	5664	1.00000	0.96(a)
84 o-Xylene	106	9.343	9.349	(1.092)	13662	1.00000	1.00
85 Styrene	104	9.378	9.378	(1.096)	21925	1.00000	0.94(a)
86 Bromoform	173	9.589	9.584	(1.121)	3879	1.00000	0.81(a)
87 Amyl Acetate	43	9.584	9.584	(0.887)	9746	1.00000	0.90(a)
88 Isopropylbenzene	105	9.713	9.713	(1.135)	33799	1.00000	0.99(a)
\$ 89 Bromofluorobenzene (SUR)	174	9.901	9.901	(0.917)	340511	50.0000	49
90 Camphene (total)	41	9.918	9.919	(1.159)	3075	1.00000	1.1
91 Bromobenzene	156	10.018	10.018	(0.928)	8816	1.00000	0.97(a)
92 1,1,2,2-Tetrachloroethane	83	10.065	10.060	(0.932)	9664	1.00000	1.0
95 n-Propylbenzene	91	10.089	10.089	(0.934)	40270	1.00000	0.93(a)
93 1,2,3-Trichloropropane	110	10.107	10.101	(0.936)	2996	1.00000	0.96(a)
94 trans-1,4-Dichloro-2-butene	53	10.124	10.118	(0.937)	2392	1.00000	0.93(a)
96 2-Chlorotoluene	91	10.177	10.177	(0.942)	28925	1.00000	1.00
183 4-Ethyltoluene	105	10.189	10.189	(1.988)	33045	1.00000	0.96
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.948)	29982	1.00000	0.98(a)
98 4-Chlorotoluene	91	10.271	10.271	(0.951)	28061	1.00000	1.0
99 Butyl Methacrylate	87	10.336	10.330	(0.957)	9047	1.00000	0.88(a)
100 tert-Butylbenzene	119	10.483	10.483	(0.971)	25161	1.00000	0.95(a)
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.975)	30841	1.00000	0.93(a)
102 2-Octanone	43	10.635	10.629	(0.985)	10132	1.00000	1.0

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00004.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
103 sec-Butylbenzene	105	10.647	10.647	(0.986)	37314	1.00000	0.92(a)
104 2-Octanol	45	10.671	10.671	(0.988)	2918	1.00000	1.0(a)
107 p-Isopropyltoluene	119	10.747	10.747	(0.995)	32041	1.00000	0.91(a)
105 1,3-Dichlorobenzene	146	10.747	10.747	(0.995)	18956	1.00000	1.1
* 108 1,4-Dichlorobenzene-d4	152	10.800	10.800	(1.000)	464977	50.0000	
109 1,4-Dichlorobenzene	146	10.817	10.818	(1.002)	18657	1.00000	1.0
110 Benzyl Chloride	126	10.917	10.917	(1.011)	4454	1.00000	1.00
171 Indan	117	10.964	10.964	(2.140)	31640	1.00000	0.98(a)
184 1,4-Diethylbenzene	119	11.005	11.006	(2.148)	20324	1.00000	0.98
106 n-Butylbenzene	91	11.023	11.023	(1.021)	37609	1.00000	0.94(a)
111 1,2-Dichlorobenzene	146	11.064	11.064	(1.024)	18763	1.00000	1.1
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.528	(2.250)	34649	1.00000	0.99
112 1,2-Dibromo-3-chloropropane	75	11.611	11.611	(1.075)	2945	1.00000	1.3
113 Camphor	95	12.128	12.128	(1.123)	6265	5.00000	5.9
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.129)	14671	1.00000	1.1
115 Hexachlorobutadiene	225	12.292	12.286	(1.138)	6204	1.00000	1.0
116 Naphthalene	128	12.416	12.416	(1.150)	44201	1.00000	1.2
117 1,2,3-Trichlorobenzene	180	12.627	12.627	(1.169)	15153	1.00000	1.2
M 120 1,2-Dichloroethene (Total)	100				16079	2.00000	2.1
M 121 Xylene (Total)	100				39958	3.00000	2.9(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00005.d
 Report Date: 22-Mar-2013 15:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00005.d
 Lab Smp Id: IC
 Inj Date : 21-MAR-2013 15:10
 Operator : Inst ID: VOAMS10.i
 Smp Info : IC
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/8260_09.m
 Meth Date : 22-Mar-2013 15:01 sylvanus Quant Type: ISTD
 Cal Date : 21-MAR-2013 15:10 Cal File: r00005.d
 Als bottle: 25 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	399715	50.0000	52
179 Freon 152a	51	1.381	1.422	(0.270)	2146	50.0000	
176 Chlorodifluoromethane	51	1.381	1.422	(0.270)	2146	50.0000	
177 Monochloropentafluoroethane	85	1.452	1.440	(0.283)	1163	50.0000	
3 Chloromethane	50	1.522	1.522	(0.297)	319244	50.0000	49
4 Vinyl Chloride	62	1.605	1.605	(0.313)	343693	50.0000	57
6 Bromomethane	94	1.869	1.875	(0.365)	166814	50.0000	48
5 Chloroethane	64	1.957	1.963	(0.382)	202037	50.0000	50
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	581085	50.0000	50
178 Freon 123	83	2.133	2.133	(0.416)	37028	50.0000	
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	558113	50.0000	51
8 n-Pentane	72	2.180	2.180	(0.426)	129231	100.000	100
9 Ethanol	46	2.339	2.339	(0.456)	72081	4000.00	3900
11 Ethyl Ether	59	2.374	2.374	(0.463)	245255	50.0000	50
10 Isoprene	67	2.386	2.386	(0.466)	419616	50.0000	52
14 Freon TF	101	2.533	2.533	(0.494)	333835	50.0000	54

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00005.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
13 Acrolein	56	2.539	2.539	(0.495)	123635	100.000	98
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	279610	50.0000	50
16 Acetone	58	2.656	2.656	(0.518)	35857	50.0000	49
17 Iodomethane	142	2.709	2.709	(0.529)	367356	50.0000	56
18 Carbon Disulfide	76	2.739	2.739	(0.534)	1115341	50.0000	52
20 Allyl Chloride	76	2.874	2.874	(0.561)	190590	50.0000	51
170 Cyclopentene	67	2.891	2.891	(0.564)	938359	50.0000	52
21 Acetonitrile	39	2.938	2.938	(0.573)	168198	1000.00	1000
22 Methylene Chloride	84	2.997	2.997	(0.585)	349058	50.0000	48
24 TBA	59	3.068	3.068	(0.599)	643180	1000.00	970
28 MTBE	73	3.156	3.156	(0.616)	1148690	50.0000	51
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	354948	50.0000	50
26 Acrylonitrile	53	3.256	3.256	(0.635)	134086	50.0000	49
29 Hexane	56	3.338	3.332	(0.651)	226104	50.0000	51
27 Methyl Acetate	43	2.891	2.891	(0.564)	298249	50.0000	51(H)
32 DIPE	45	3.543	3.544	(0.692)	1012665	50.0000	51
30 1,1-Dichloroethane	63	3.573	3.567	(0.697)	597901	50.0000	51
31 Vinyl Acetate	43	3.590	3.591	(0.701)	1558775	100.000	140
33 Allyl Alcohol	57	3.602	3.602	(0.703)	395931	4000.00	3700
34 n-Propanol	42	3.649	3.649	(0.712)	109571	4000.00	3700
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	492560	50.0000	51
37 2,2-Dichloropropane	77	4.055	4.055	(0.791)	535831	50.0000	50
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	392166	50.0000	50
38 2-Butanone	72	4.102	4.102	(0.800)	51191	50.0000	54
39 Ethyl Acetate	70	4.108	4.108	(0.802)	99456	100.000	98
173 Propionitrile	54	4.231	4.231	(0.826)	100855	100.000	100
40 Bromochloromethane	128	4.301	4.301	(0.839)	185490	50.0000	51
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	112752	50.0000	49
174 Methacrylonitrile	67	4.331	4.331	(0.845)	355364	100.000	100
42 Chloroform	83	4.354	4.354	(0.850)	618994	50.0000	51
44 Cyclohexane	56	4.478	4.478	(0.874)	585333	50.0000	53
43 1,1,1-Trichloroethane	97	4.495	4.495	(0.877)	556473	50.0000	51
45 Carbon Tetrachloride	117	4.613	4.607	(0.900)	459966	50.0000	53
46 1,1-Dichloropropene	75	4.648	4.642	(0.907)	451687	50.0000	51
181 Isobutyl Alcohol	43	4.771	4.772	(0.931)	933548	4000.00	4000
48 Benzene	78	4.842	4.836	(0.566)	1408243	50.0000	51
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	270296	50.0000	51
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	1623764	100.000	100
50 t-Amyl-methyl-ether	73	4.907	4.907	(0.958)	1055321	50.0000	52
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	502570	50.0000	50
51 n-Heptane	57	4.995	4.995	(0.975)	189516	50.0000	49
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	1144883	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.336	(1.042)	283148	100.000	110
53 n-Butanol	41	5.435	5.435	(1.061)	200004	2000.00	2000
54 Trichloroethene	95	5.471	5.471	(1.068)	363612	50.0000	50
56 Methyl cyclohexane	83	5.600	5.594	(1.093)	648049	50.0000	53
55 Ethyl Acrylate	55	5.600	5.600	(1.093)	953630	50.0000	53

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00005.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	329217	50.0000	50
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	126357	50.0000	52
60 1,4-Dioxane	88	5.882	5.876	(1.148)	13531	200.000	180
58 Dibromomethane	93	5.888	5.882	(1.149)	225547	50.0000	51
75 Propyl Acetate	43	5.900	5.900	(1.151)	493244	50.0000	49
68 Bromodichloromethane	83	6.035	6.035	(1.178)	472159	50.0000	51
62 2-Chloroethyl Vinyl Ether	63	6.381	6.376	(1.245)	256946	50.0000	52
63 Epichlorohydrin	57	6.481	6.481	(0.758)	757332	1000.00	1000
67 cis-1,3-Dichloropropene	75	6.534	6.534	(0.764)	600901	50.0000	51
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	338694	50.0000	53
\$ 65 Toluene-d8 (SUR)	98	6.781	6.781	(0.793)	802912	50.0000	50
66 Toluene	91	6.857	6.857	(0.802)	1536668	50.0000	51
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.842)	563000	50.0000	51
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	505687	50.0000	52
69 1,1,2-Trichloroethane	83	7.415	7.416	(0.867)	278919	50.0000	50
71 Tetrachloroethene	166	7.462	7.457	(0.872)	379400	50.0000	51
72 1,3-Dichloropropane	76	7.627	7.627	(0.891)	568718	50.0000	51
73 2-Hexanone	43	7.697	7.698	(0.900)	234877	50.0000	52
76 Butyl Acetate	73	7.815	7.815	(0.913)	217800	100.000	100
74 Dibromochloromethane	129	7.850	7.850	(0.918)	349340	50.0000	52
77 1,2-Dibromoethane	107	8.009	8.009	(0.936)	351674	50.0000	51
* 78 Chlorobenzene-d5	117	8.555	8.555	(1.000)	819563	50.0000	
79 Chlorobenzene	112	8.591	8.591	(1.004)	1012032	50.0000	51
81 Ethylbenzene	106	8.696	8.696	(1.016)	564862	50.0000	52
80 1,1,1,2-Tetrachloroethane	131	8.708	8.708	(1.018)	332477	50.0000	50
82 m+p-Xylene	106	8.855	8.855	(1.035)	1411495	100.000	100
83 Butyl Acrylate	73	9.343	9.337	(1.092)	309724	50.0000	53
84 o-Xylene	106	9.349	9.349	(1.093)	700587	50.0000	51
85 Styrene	104	9.378	9.378	(1.096)	1213361	50.0000	52
86 Bromoform	173	9.589	9.584	(1.121)	253515	50.0000	53
87 Amyl Acetate	43	9.584	9.584	(0.887)	572145	50.0000	53
88 Isopropylbenzene	105	9.713	9.713	(1.135)	1811976	50.0000	53
\$ 89 Bromofluorobenzene (SUR)	174	9.901	9.901	(0.917)	339117	50.0000	49
90 Camphene (total)	41	9.918	9.919	(1.159)	135227	50.0000	49
91 Bromobenzene	156	10.018	10.018	(0.928)	450604	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	10.059	10.060	(0.931)	483810	50.0000	51
95 n-Propylbenzene	91	10.089	10.089	(0.934)	2185652	50.0000	50
93 1,2,3-Trichloropropane	110	10.101	10.101	(0.935)	160198	50.0000	51
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	131905	50.0000	51
96 2-Chlorotoluene	91	10.177	10.177	(0.942)	1494397	50.0000	51
183 4-Ethyltoluene	105	10.189	10.189	(1.988)	1811514	50.0000	54
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.948)	1612914	50.0000	52
98 4-Chlorotoluene	91	10.271	10.271	(0.951)	1385443	50.0000	50
99 Butyl Methacrylate	87	10.330	10.330	(0.956)	539477	50.0000	52
100 tert-Butylbenzene	119	10.482	10.483	(0.971)	1387934	50.0000	52
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.975)	1649924	50.0000	50
102 2-Octanone	43	10.629	10.629	(0.984)	511521	50.0000	52

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00005.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
103 sec-Butylbenzene	105	10.647	10.647	(0.986)	2039424	50.0000	50
104 2-Octanol	45	10.671	10.671	(0.988)	145378	50.0000	50
107 p-Isopropyltoluene	119	10.747	10.747	(0.995)	1768199	50.0000	50
105 1,3-Dichlorobenzene	146	10.747	10.747	(0.995)	889767	50.0000	50
* 108 1,4-Dichlorobenzene-d4	152	10.800	10.800	(1.000)	466368	50.0000	
109 1,4-Dichlorobenzene	146	10.817	10.818	(1.002)	918871	50.0000	50
110 Benzyl Chloride	126	10.917	10.917	(1.011)	224491	50.0000	50
171 Indan	117	10.964	10.964	(2.140)	1590574	50.0000	51
184 1,4-Diethylbenzene	119	11.005	11.006	(2.148)	1075803	50.0000	53
106 n-Butylbenzene	91	11.023	11.023	(1.021)	1992506	50.0000	50
111 1,2-Dichlorobenzene	146	11.064	11.064	(1.024)	874247	50.0000	50
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.528	(2.250)	1711011	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	11.611	11.611	(1.075)	107463	50.0000	47
113 Camphor	95	12.128	12.128	(1.123)	263678	250.000	250
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.129)	665053	50.0000	49
115 Hexachlorobutadiene	225	12.286	12.286	(1.138)	295795	50.0000	49
116 Naphthalene	128	12.416	12.416	(1.150)	1780145	50.0000	47
117 1,2,3-Trichlorobenzene	180	12.627	12.627	(1.169)	620643	50.0000	48
M 120 1,2-Dichloroethene (Total)	100				747114	100.000	100
M 121 Xylene (Total)	100				2112082	150.000	150

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: r00005.d

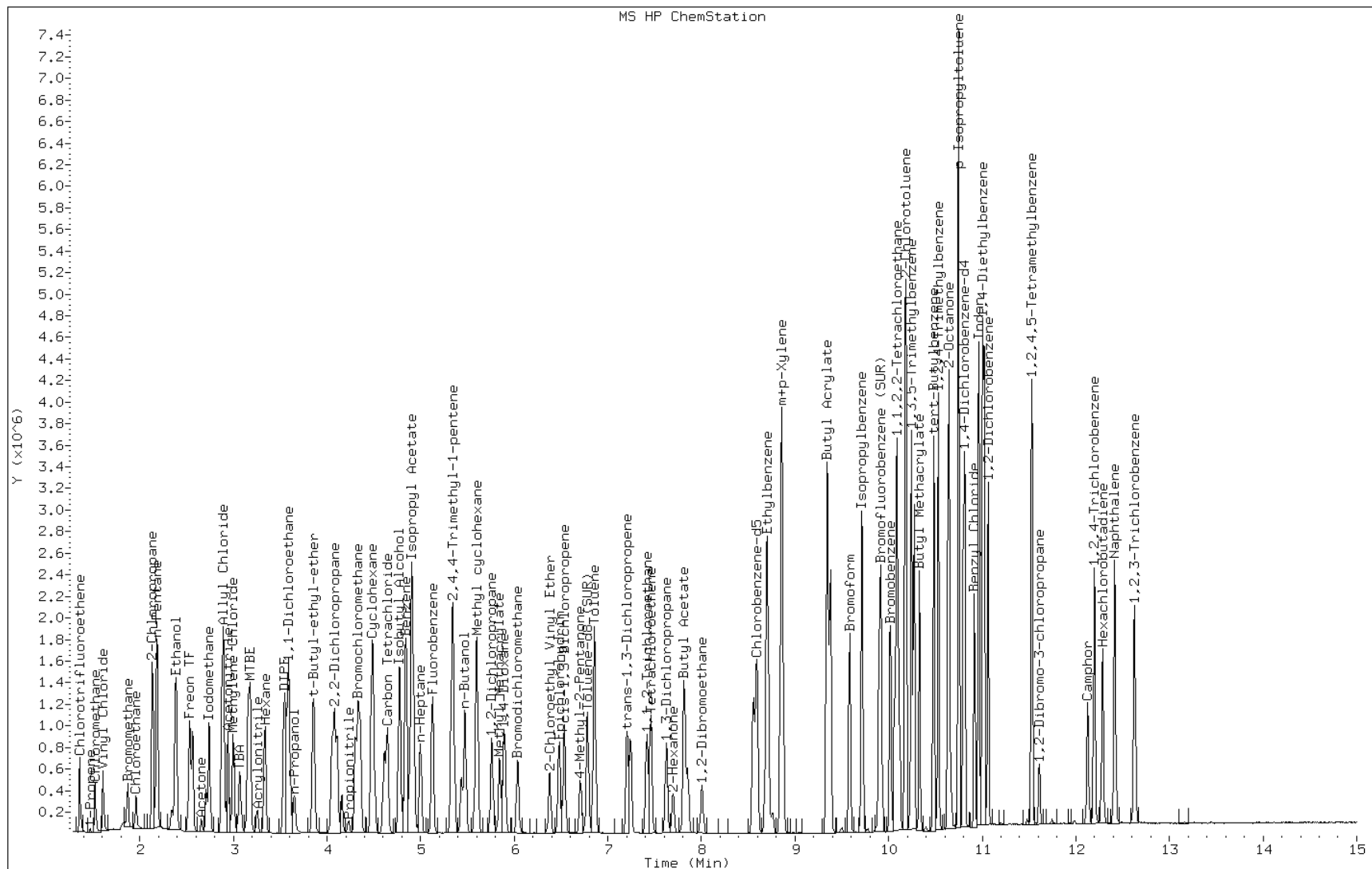
Date: 21-MAR-2013 15:10

Client ID:

Instrument: VOAMS10.i

Sample Info: IC

Operator:



Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00006.d
 Report Date: 22-Mar-2013 15:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00006.d
 Lab Smp Id: IC
 Inj Date : 21-MAR-2013 15:35
 Operator : Inst ID: VOAMS10.i
 Smp Info : IC
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/8260_09.m
 Meth Date : 22-Mar-2013 15:01 sylvanus Quant Type: ISTD
 Cal Date : 21-MAR-2013 15:35 Cal File: r00006.d
 Als bottle: 26 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	1596684	200.000	190
179 Freon 152a	51	1.375	1.422	(0.268)	2983	200.000	
176 Chlorodifluoromethane	51	1.375	1.422	(0.268)	2983	200.000	
177 Monochloropentafluoroethane	85	1.452	1.440	(0.283)	2751	200.000	
3 Chloromethane	50	1.522	1.522	(0.297)	1291883	200.000	190
4 Vinyl Chloride	62	1.604	1.605	(0.313)	1400437	200.000	220
6 Bromomethane	94	1.875	1.875	(0.366)	816089	200.000	220
5 Chloroethane	64	1.957	1.963	(0.382)	815504	200.000	190
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	2243644	200.000	180
178 Freon 123	83	2.133	2.133	(0.416)	135742	200.000	
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	2256177	200.000	190
8 n-Pentane	72	2.186	2.180	(0.427)	506251	400.000	380
9 Ethanol	46	2.339	2.339	(0.456)	85856	5000.00	4400
11 Ethyl Ether	59	2.374	2.374	(0.463)	971775	200.000	190
10 Isoprene	67	2.386	2.386	(0.466)	1637799	200.000	190
14 Freon TF	101	2.533	2.533	(0.494)	1315778	200.000	200

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00006.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
13 Acrolein	56	2.539	2.539	(0.495)	254520	200.000	190
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	1088696	200.000	180
16 Acetone	58	2.656	2.656	(0.518)	150642	200.000	190
17 Iodomethane	142	2.709	2.709	(0.529)	1603951	200.000	230
18 Carbon Disulfide	76	2.738	2.739	(0.534)	4303668	200.000	190
20 Allyl Chloride	76	2.874	2.874	(0.561)	743778	200.000	190
170 Cyclopentene	67	2.891	2.891	(0.564)	3610479	200.000	190
21 Acetonitrile	39	2.938	2.938	(0.573)	683871	4000.00	3900
22 Methylene Chloride	84	2.997	2.997	(0.585)	1355419	200.000	180
24 TBA	59	3.067	3.068	(0.599)	2581011	4000.00	3700
28 MTBE	73	3.156	3.156	(0.616)	4540802	200.000	190
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	1390801	200.000	180
26 Acrylonitrile	53	3.255	3.256	(0.635)	292280	100.000	100
29 Hexane	56	3.338	3.332	(0.651)	887585	200.000	190
27 Methyl Acetate	43	2.891	2.891	(0.564)	1210032	200.000	200(H)
32 DIPE	45	3.543	3.544	(0.692)	3903656	200.000	190
30 1,1-Dichloroethane	63	3.573	3.567	(0.697)	2299467	200.000	180
31 Vinyl Acetate	43	3.590	3.591	(0.701)	4757955	400.000	390
33 Allyl Alcohol	57	3.602	3.602	(0.703)	546664	5000.00	4800
34 n-Propanol	42	3.649	3.649	(0.712)	156976	5000.00	5100(A)
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	1970579	200.000	190
37 2,2-Dichloropropane	77	4.055	4.055	(0.791)	2099357	200.000	180
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	1537624	200.000	180
38 2-Butanone	72	4.102	4.102	(0.800)	204572	200.000	200
39 Ethyl Acetate	70	4.107	4.108	(0.802)	398478	400.000	370
173 Propionitrile	54	4.231	4.231	(0.826)	405306	400.000	400
40 Bromochloromethane	128	4.301	4.301	(0.839)	709771	200.000	180
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	432327	200.000	180
174 Methacrylonitrile	67	4.331	4.331	(0.845)	1375319	400.000	370
42 Chloroform	83	4.354	4.354	(0.850)	2417742	200.000	190
44 Cyclohexane	56	4.478	4.478	(0.874)	2270624	200.000	190
43 1,1,1-Trichloroethane	97	4.495	4.495	(0.877)	2213681	200.000	190
45 Carbon Tetrachloride	117	4.613	4.607	(0.900)	1841554	200.000	200
46 1,1-Dichloropropene	75	4.648	4.642	(0.907)	1777624	200.000	190
181 Isobutyl Alcohol	43	4.777	4.772	(0.932)	1249348	5000.00	5000
48 Benzene	78	4.842	4.836	(0.566)	5428795	200.000	180
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	280757	50.0000	50
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	6076578	400.000	360
50 t-Amyl-methyl-ether	73	4.906	4.907	(0.958)	4154302	200.000	190
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	1968770	200.000	190
51 n-Heptane	57	5.000	4.995	(0.976)	755929	200.000	180
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	1210253	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.336	(1.042)	1114840	400.000	400
53 n-Butanol	41	5.435	5.435	(1.061)	268314	2500.00	2500
54 Trichloroethene	95	5.476	5.471	(1.069)	1470062	200.000	190
56 Methyl cyclohexane	83	5.600	5.594	(1.093)	2544362	200.000	200
55 Ethyl Acrylate	55	5.600	5.600	(1.093)	3658715	200.000	190

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r000006.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
57 1,2-Dichloropropane	63	5.758	5.759	(1.124)	1293829	200.000	180
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	502986	200.000	200
60 1,4-Dioxane	88	5.876	5.876	(1.147)	21152	250.000	260(A)
58 Dibromomethane	93	5.888	5.882	(1.149)	885099	200.000	190
75 Propyl Acetate	43	5.899	5.900	(1.151)	1970676	200.000	190
68 Bromodichloromethane	83	6.035	6.035	(1.178)	1900622	200.000	200
62 2-Chloroethyl Vinyl Ether	63	6.381	6.376	(1.245)	1025409	200.000	200
63 Epichlorohydrin	57	6.481	6.481	(0.758)	2978295	4000.00	3800
67 cis-1,3-Dichloropropene	75	6.534	6.534	(0.764)	2354640	200.000	190
70 4-Methyl-2-Pentanone	43	6.704	6.705	(0.784)	1383723	200.000	200
\$ 65 Toluene-d8 (SUR)	98	6.781	6.781	(0.793)	847014	50.0000	49
66 Toluene	91	6.857	6.857	(0.802)	5993142	200.000	190
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.842)	2249264	200.000	190
175 Ethyl methacrylate	69	7.245	7.239	(1.414)	2063614	200.000	200
69 1,1,2-Trichloroethane	83	7.415	7.416	(0.867)	1105887	200.000	180
71 Tetrachloroethene	166	7.462	7.457	(0.872)	1541320	200.000	190
72 1,3-Dichloropropane	76	7.627	7.627	(0.891)	2224262	200.000	180
73 2-Hexanone	43	7.697	7.698	(0.900)	959803	200.000	200
76 Butyl Acetate	73	7.815	7.815	(0.913)	880393	400.000	380
74 Dibromochloromethane	129	7.850	7.850	(0.918)	1470083	200.000	200
77 1,2-Dibromoethane	107	8.009	8.009	(0.936)	1399509	200.000	190
* 78 Chlorobenzene-d5	117	8.555	8.555	(1.000)	880962	50.0000	
79 Chlorobenzene	112	8.590	8.591	(1.004)	3996285	200.000	190
81 Ethylbenzene	106	8.696	8.696	(1.016)	2265562	200.000	190
80 1,1,1,2-Tetrachloroethane	131	8.708	8.708	(1.018)	1393814	200.000	190
82 m+p-Xylene	106	8.861	8.855	(1.036)	5518532	400.000	380
83 Butyl Acrylate	73	9.343	9.337	(1.092)	1269220	200.000	200
84 o-Xylene	106	9.348	9.349	(1.093)	2760763	200.000	190
85 Styrene	104	9.378	9.378	(1.096)	4825808	200.000	190
86 Bromoform	173	9.589	9.584	(1.121)	1099076	200.000	210
87 Amyl Acetate	43	9.583	9.584	(0.887)	2303497	200.000	200
88 Isopropylbenzene	105	9.713	9.713	(1.135)	7067170	200.000	190
\$ 89 Bromofluorobenzene (SUR)	174	9.901	9.901	(0.917)	372631	50.0000	50
90 Camphene (total)	41	9.918	9.919	(1.159)	544401	200.000	180
91 Bromobenzene	156	10.018	10.018	(0.928)	1834227	200.000	190
92 1,1,2,2-Tetrachloroethane	83	10.065	10.060	(0.932)	1861454	200.000	180
95 n-Propylbenzene	91	10.089	10.089	(0.934)	8296428	200.000	180
93 1,2,3-Trichloropropane	110	10.100	10.101	(0.935)	634585	200.000	190
94 trans-1,4-Dichloro-2-butene	53	10.124	10.118	(0.937)	551350	200.000	200
96 2-Chlorotoluene	91	10.177	10.177	(0.942)	5857775	200.000	190
183 4-Ethyltoluene	105	10.189	10.189	(1.988)	7062782	200.000	200
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.948)	6312440	200.000	190
98 4-Chlorotoluene	91	10.271	10.271	(0.951)	5488414	200.000	190
99 Butyl Methacrylate	87	10.330	10.330	(0.956)	2273390	200.000	210
100 tert-Butylbenzene	119	10.482	10.483	(0.971)	5474344	200.000	190
101 1,2,4-Trimethylbenzene	105	10.529	10.530	(0.975)	6390543	200.000	180
102 2-Octanone	43	10.629	10.629	(0.984)	2002379	200.000	190

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00006.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
103 sec-Butylbenzene	105	10.647	10.647	(0.986)	7731023	200.000	180
104 2-Octanol	45	10.670	10.671	(0.988)	627466	200.000	200(A)
107 p-Isopropyltoluene	119	10.753	10.747	(0.996)	6700750	200.000	180
105 1,3-Dichlorobenzene	146	10.747	10.747	(0.995)	3459988	200.000	180
* 108 1,4-Dichlorobenzene-d4	152	10.800	10.800	(1.000)	496999	50.0000	
109 1,4-Dichlorobenzene	146	10.817	10.818	(1.002)	3632448	200.000	180
110 Benzyl Chloride	126	10.917	10.917	(1.011)	922045	200.000	190
171 Indan	117	10.964	10.964	(2.140)	6075123	200.000	180
184 1,4-Diethylbenzene	119	11.005	11.006	(2.148)	4184342	200.000	200
106 n-Butylbenzene	91	11.023	11.023	(1.021)	7472052	200.000	180
111 1,2-Dichlorobenzene	146	11.064	11.064	(1.024)	3432897	200.000	180
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.528	(2.250)	6586010	200.000	180
112 1,2-Dibromo-3-chloropropane	75	11.610	11.611	(1.075)	445588	200.000	180
113 Camphor	95	12.128	12.128	(1.123)	1063319	1000.00	930
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.129)	2635649	200.000	180
115 Hexachlorobutadiene	225	12.286	12.286	(1.138)	1213172	200.000	190
116 Naphthalene	128	12.415	12.416	(1.150)	6838656	200.000	170
117 1,2,3-Trichlorobenzene	180	12.627	12.627	(1.169)	2508885	200.000	180
M 120 1,2-Dichloroethene (Total)	100				2928425	400.000	370
M 121 Xylene (Total)	100				8279295	600.000	560

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- H - Operator selected an alternate compound hit.

Data File: r00006.d

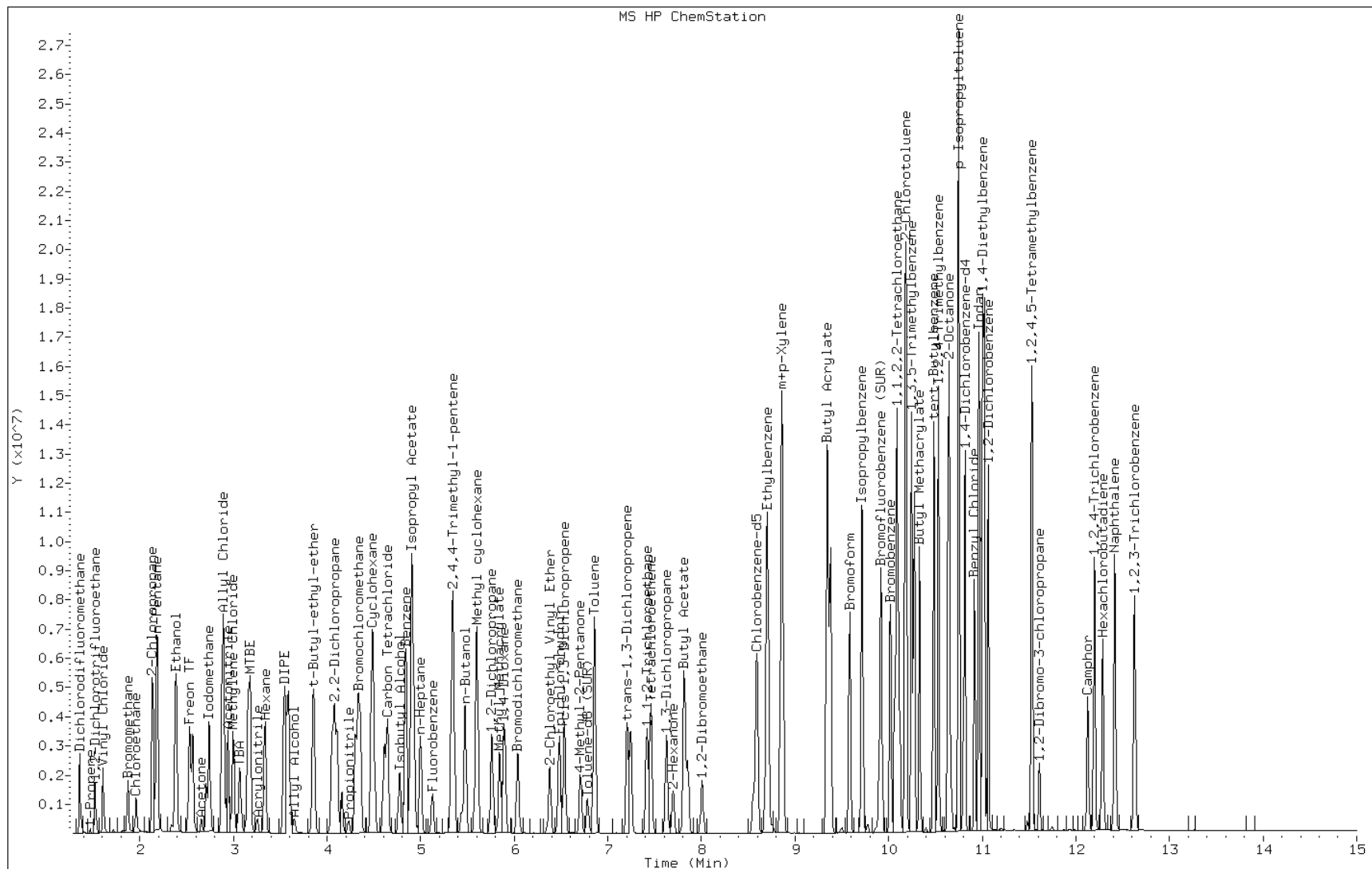
Date: 21-MAR-2013 15:35

Client ID:

Instrument: VOAMS10.i

Sample Info: IC

Operator:



Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00007.d
 Report Date: 22-Mar-2013 15:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00007.d
 Lab Smp Id: IC
 Inj Date : 21-MAR-2013 16:01
 Operator : Inst ID: VOAMS10.i
 Smp Info : IC
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/8260_09.m
 Meth Date : 22-Mar-2013 15:01 sylvanus Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 27 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	3924118		500.000	450
179 Freon 152a	51	1.381	1.422	(0.270)	3478		500.000	
176 Chlorodifluoromethane	51	1.381	1.422	(0.270)	3478		500.000	
177 Monochloropentafluoroethane	85	1.452	1.440	(0.283)	6355		500.000	
3 Chloromethane	50	1.516	1.522	(0.296)	3258331		500.000	440
4 Vinyl Chloride	62	1.604	1.605	(0.313)	3298186		500.000	490
6 Bromomethane	94	1.869	1.875	(0.365)	2047126		500.000	530(A)
5 Chloroethane	64	1.957	1.963	(0.382)	2020439		500.000	440
182 Dichlorofluoromethane	67	2.127	2.133	(0.415)	5547172		500.000	420
178 Freon 123	83	2.127	2.133	(0.415)	337857		500.000	
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	5551283		500.000	450
8 n-Pentane	72	2.180	2.180	(0.426)	1279113		1000.00	910
9 Ethanol	46	2.339	2.339	(0.456)	122597		6000.00	5900
11 Ethyl Ether	59	2.374	2.374	(0.463)	2380436		500.000	440
10 Isoprene	67	2.386	2.386	(0.466)	4102272		500.000	450
14 Freon TF	101	2.533	2.533	(0.494)	3339524		500.000	480

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00007.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
13 Acrolein	56	2.539	2.539	(0.495)	540029	400.000	380
15 1,1-Dichloroethene	96	2.568	2.562	(0.501)	2862623	500.000	460
16 Acetone	58	2.656	2.656	(0.518)	387010	500.000	470
17 Iodomethane	142	2.709	2.709	(0.529)	3902036	500.000	540(A)
18 Carbon Disulfide	76	2.738	2.739	(0.534)	10498639	500.000	440
20 Allyl Chloride	76	2.874	2.874	(0.561)	1798918	500.000	430(A)
170 Cyclopentene	67	2.891	2.891	(0.564)	8701605	500.000	430
21 Acetonitrile	39	2.944	2.938	(0.575)	1822363	10000.0	9700
22 Methylene Chloride	84	2.997	2.997	(0.585)	3490643	500.000	430
24 TBA	59	3.073	3.068	(0.600)	6825782	10000.0	9200
28 MTBE	73	3.156	3.156	(0.616)	10862603	500.000	430
25 trans-1,2-Dichloroethene	96	3.185	3.179	(0.622)	3596727	500.000	450
26 Acrylonitrile	53	3.255	3.256	(0.635)	621753	200.000	200
29 Hexane	56	3.338	3.332	(0.651)	2206297	500.000	440
27 Methyl Acetate	43	2.891	2.891	(0.564)	2677132	500.000	410(H)
32 DIPE	45	3.543	3.544	(0.692)	9290449	500.000	420
30 1,1-Dichloroethane	63	3.573	3.567	(0.697)	5891466	500.000	450
31 Vinyl Acetate	43	3.590	3.591	(0.701)	12897714	1000.00	1000
33 Allyl Alcohol	57	3.608	3.602	(0.704)	765718	6000.00	6400(A)
34 n-Propanol	42	3.655	3.649	(0.713)	207967	6000.00	6300(A)
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	4958037	500.000	460
37 2,2-Dichloropropane	77	4.055	4.055	(0.791)	5357592	500.000	440
36 cis-1,2-Dichloroethene	96	4.084	4.078	(0.797)	3981675	500.000	450
38 2-Butanone	72	4.102	4.102	(0.800)	511568	500.000	480
39 Ethyl Acetate	70	4.107	4.108	(0.802)	979299	1000.00	860
173 Propionitrile	54	4.231	4.231	(0.826)	1049729	1000.00	980
40 Bromochloromethane	128	4.301	4.301	(0.839)	1846784	500.000	450
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	1060594	500.000	410
174 Methacrylonitrile	67	4.331	4.331	(0.845)	3299382	1000.00	850
42 Chloroform	83	4.354	4.354	(0.850)	6223147	500.000	460
44 Cyclohexane	56	4.478	4.478	(0.874)	5525031	500.000	440
43 1,1,1-Trichloroethane	97	4.495	4.495	(0.877)	5730395	500.000	470
45 Carbon Tetrachloride	117	4.613	4.607	(0.900)	4831557	500.000	500
46 1,1-Dichloropropene	75	4.648	4.642	(0.907)	4616528	500.000	460
181 Isobutyl Alcohol	43	4.777	4.772	(0.932)	1707030	6000.00	6400(A)
48 Benzene	78	4.842	4.836	(0.566)	13193429	500.000	410
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	288953	50.0000	49
61 Isopropyl Acetate	43	4.907	4.901	(0.958)	13493096	1000.00	760
50 t-Amyl-methyl-ether	73	4.912	4.907	(0.959)	9921582	500.000	430
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	5010506	500.000	450
51 n-Heptane	57	5.000	4.995	(0.976)	1909296	500.000	440
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	1282733	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.336	(1.042)	2814835	1000.00	940
53 n-Butanol	41	5.435	5.435	(1.061)	400534	3000.00	3500(A)
54 Trichloroethene	95	5.476	5.471	(1.069)	3703988	500.000	460
56 Methyl cyclohexane	83	5.600	5.594	(1.093)	6337583	500.000	460
55 Ethyl Acrylate	55	5.600	5.600	(1.093)	8781614	500.000	430

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00007.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
57 1,2-Dichloropropane	63	5.764	5.759	(1.125)	3267097	500.000	440
59 Methyl Methacrylate	100	5.847	5.841	(1.141)	1266884	500.000	470
60 1,4-Dioxane	88	5.888	5.876	(1.149)	35099	300.000	420(A)
58 Dibromomethane	93	5.888	5.882	(1.149)	2242144	500.000	450
75 Propyl Acetate	43	5.899	5.900	(1.151)	4787155	500.000	430
68 Bromodichloromethane	83	6.040	6.035	(1.179)	4921421	500.000	480
62 2-Chloroethyl Vinyl Ether	63	6.381	6.376	(1.245)	2530110	500.000	460
63 Epichlorohydrin	57	6.487	6.481	(0.758)	7340666	10000.0	8600
67 cis-1,3-Dichloropropene	75	6.540	6.534	(0.764)	6025878	500.000	440
70 4-Methyl-2-Pentanone	43	6.710	6.705	(0.784)	3498906	500.000	460
\$ 65 Toluene-d8 (SUR)	98	6.781	6.781	(0.793)	903831	50.0000	48
66 Toluene	91	6.857	6.857	(0.802)	14405425	500.000	410
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.842)	5794475	500.000	450
175 Ethyl methacrylate	69	7.245	7.239	(1.414)	5247169	500.000	480
69 1,1,2-Trichloroethane	83	7.421	7.416	(0.867)	2867870	500.000	440
71 Tetrachloroethene	166	7.462	7.457	(0.872)	3960086	500.000	450
72 1,3-Dichloropropane	76	7.627	7.627	(0.891)	5735409	500.000	440
73 2-Hexanone	43	7.697	7.698	(0.900)	2532590	500.000	480
76 Butyl Acetate	73	7.815	7.815	(0.913)	2264703	1000.00	910
74 Dibromochloromethane	129	7.856	7.850	(0.918)	3968325	500.000	500(A)
77 1,2-Dibromoethane	107	8.009	8.009	(0.936)	3724464	500.000	460
* 78 Chlorobenzene-d5	117	8.555	8.555	(1.000)	961664	50.0000	
79 Chlorobenzene	112	8.590	8.591	(1.004)	10284834	500.000	440
81 Ethylbenzene	106	8.702	8.696	(1.017)	5932315	500.000	460
80 1,1,1,2-Tetrachloroethane	131	8.714	8.708	(1.019)	3788221	500.000	480
82 m+p-Xylene	106	8.861	8.855	(1.036)	13755990	1000.00	860
83 Butyl Acrylate	73	9.343	9.337	(1.092)	3155083	500.000	460
84 o-Xylene	106	9.348	9.349	(1.093)	7048349	500.000	440
85 Styrene	104	9.384	9.378	(1.097)	11999010	500.000	440
86 Bromoform	173	9.589	9.584	(1.121)	2976472	500.000	530(A)
87 Amyl Acetate	43	9.583	9.584	(0.887)	5574669	500.000	460
88 Isopropylbenzene	105	9.713	9.713	(1.135)	15485372	500.000	390
\$ 89 Bromofluorobenzene (SUR)	174	9.901	9.901	(0.917)	401947	50.0000	52
90 Camphene (total)	41	9.918	9.919	(1.159)	1422174	500.000	440
91 Bromobenzene	156	10.018	10.018	(0.928)	4767474	500.000	470
92 1,1,2,2-Tetrachloroethane	83	10.065	10.060	(0.932)	4740569	500.000	450
95 n-Propylbenzene	91	10.083	10.089	(0.934)	15620336	500.000	320(AM)
93 1,2,3-Trichloropropane	110	10.106	10.101	(0.936)	1653575	500.000	480
94 trans-1,4-Dichloro-2-butene	53	10.124	10.118	(0.937)	1398367	500.000	490
96 2-Chlorotoluene	91	10.177	10.177	(0.942)	13331937	500.000	410
183 4-Ethyltoluene	105	10.183	10.189	(1.987)	13982383	500.000	370
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.948)	12896037	500.000	380
98 4-Chlorotoluene	91	10.277	10.271	(0.952)	12627615	500.000	420
99 Butyl Methacrylate	87	10.330	10.330	(0.956)	5487777	500.000	480
100 tert-Butylbenzene	119	10.482	10.483	(0.971)	12114979	500.000	410
101 1,2,4-Trimethylbenzene	105	10.529	10.530	(0.975)	12503549	500.000	340(A)
102 2-Octanone	43	10.635	10.629	(0.985)	4822265	500.000	450

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00007.d
 Report Date: 22-Mar-2013 15:01

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
103 sec-Butylbenzene	105	10.641	10.647	(0.985)	13580158	500.000	300(A)
104 2-Octanol	45	10.670	10.671	(0.988)	1823491	500.000	570(A)
107 p-Isopropyltoluene	119	10.747	10.747	(0.995)	12465498	500.000	320(A)
105 1,3-Dichlorobenzene	146	10.747	10.747	(0.995)	8197533	500.000	420
* 108 1,4-Dichlorobenzene-d4	152	10.800	10.800	(1.000)	517291	50.0000	
109 1,4-Dichlorobenzene	146	10.817	10.818	(1.002)	8474821	500.000	420
110 Benzyl Chloride	126	10.923	10.917	(1.011)	2208020	500.000	440
171 Indan	117	10.964	10.964	(2.140)	11485063	500.000	330(A)
184 1,4-Diethylbenzene	119	11.005	11.006	(2.148)	9570863	500.000	420
106 n-Butylbenzene	91	11.017	11.023	(1.020)	14316393	500.000	320(A)
111 1,2-Dichlorobenzene	146	11.064	11.064	(1.024)	8188293	500.000	420
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.528	(2.250)	12560833	500.000	330(A)
112 1,2-Dibromo-3-chloropropane	75	11.611	11.611	(1.075)	1145782	500.000	450
113 Camphor	95	12.128	12.128	(1.123)	2760376	2500.00	2300
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.129)	6506020	500.000	430
115 Hexachlorobutadiene	225	12.292	12.286	(1.138)	3088806	500.000	460
116 Naphthalene	128	12.415	12.416	(1.150)	14749801	500.000	350(A)
117 1,2,3-Trichlorobenzene	180	12.627	12.627	(1.169)	6225410	500.000	430
M 120 1,2-Dichloroethene (Total)	100				7578402	1000.00	900
M 121 Xylene (Total)	100				20804339	1500.00	1300

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: r00007.d

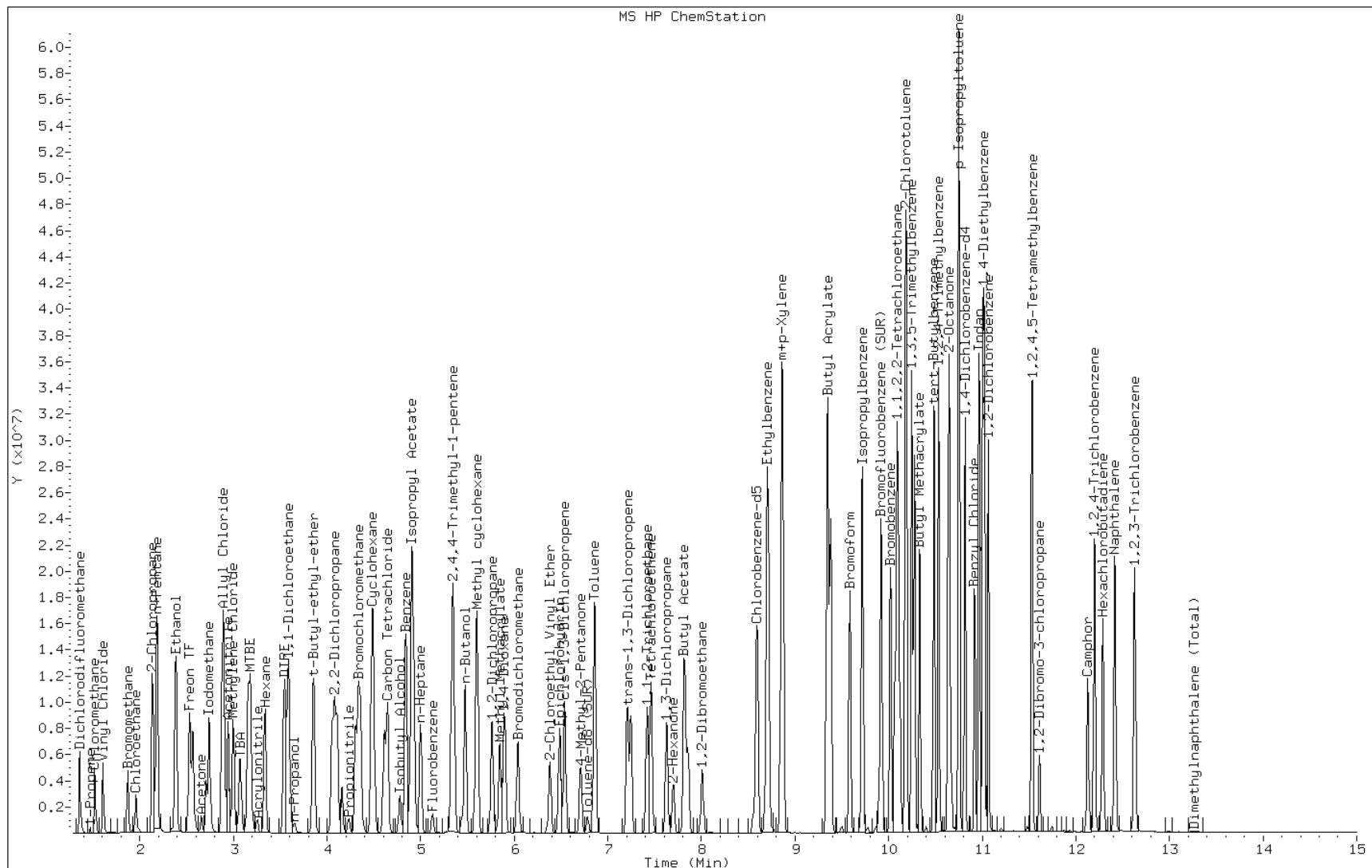
Date: 21-MAR-2013 16:01

Client ID:

Instrument: VOAMS10.i

Sample Info: IC

Operator:

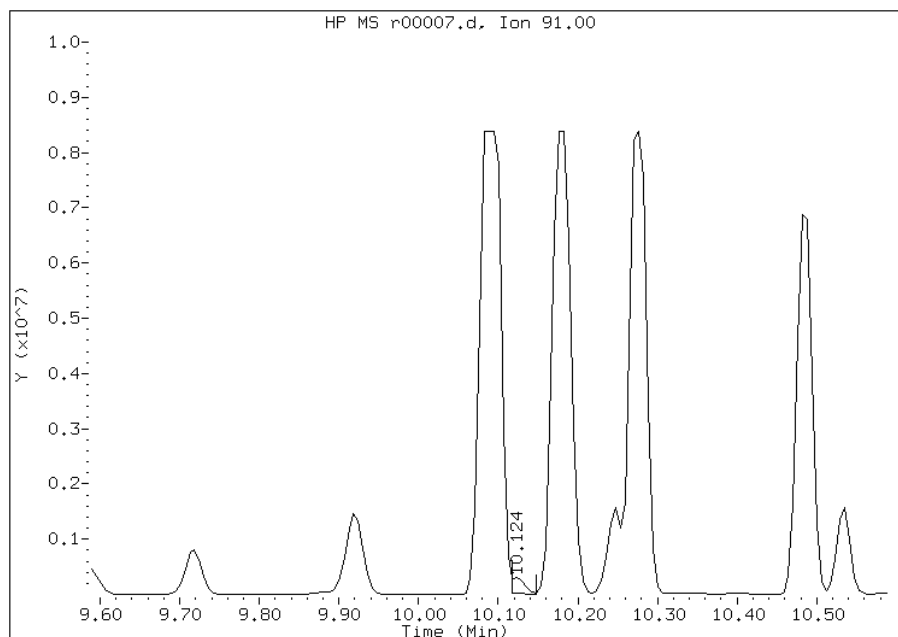


Manual Integration Report

Data File: r00007.d
Inj. Date and Time: 21-MAR-2013 16:01
Instrument ID: VOAMS10.i
Client ID:
Compound: 95 n-Propylbenzene
CAS #: 103-65-1
Report Date: 03/22/2013

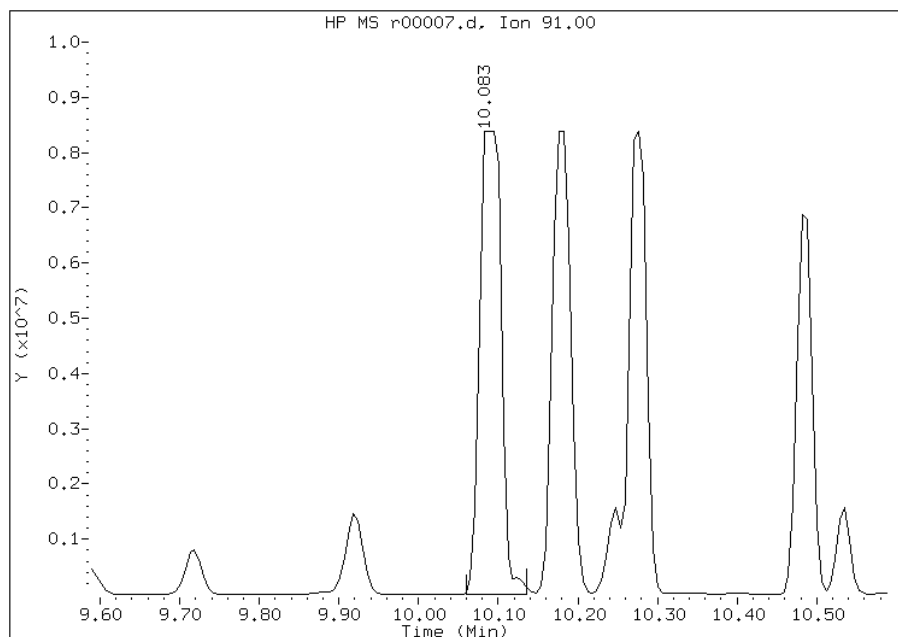
Processing Integration Results

RT: 10.12
Response: 320144
Amount: 8
Conc: 8



Manual Integration Results

RT: 10.08
Response: 15620336
Amount: 324
Conc: 324



Manually Integrated By: sylvanus
Manual Integration Reason: Analyte not Identified by the Data System

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154086/2 Calibration Date: 04/04/2013 10:25

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00714.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3387	0.3252		19.2	20.0	-4.0	50.0
Chloromethane	Ave	0.2861	0.2640	0.1000	18.5	20.0	-7.7	50.0
Vinyl chloride	LinF	0.3050	0.2853		21.7	20.0	8.7	20.0
Bromomethane	Ave	0.1500	0.1225		16.3	20.0	-18.3	50.0
Chloroethane	Ave	0.1779	0.1700		19.1	20.0	-4.4	50.0
Dichlorofluoromethane	Ave	0.5094	0.5403		21.2	20.0	6.1	50.0
Trichlorofluoromethane	Ave	0.4801	0.5160		21.5	20.0	7.5	50.0
n-Pentane	Ave	0.0547	0.0447		32.7	40.0	-18.3	50.0
Ethanol	Ave	0.0008	0.0008		2980	3000	-0.8	50.0
Ethyl ether	Ave	0.2117	0.2240		21.2	20.0	5.8	50.0
Isopropene	Ave	0.3545	0.3201		18.1	20.0	-9.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2721	0.2395		17.6	20.0	-12.0	50.0
Acrolein	Ave	0.0553	0.0339		24.5	40.0	-38.6	50.0
1,1-Dichloroethene	Ave	0.2436	0.2088		17.1	20.0	-14.3	20.0
Acetone	Ave	0.0319	0.0313		19.6	20.0	-1.9	50.0
Iodomethane	Ave	0.2835	0.1884		13.3	20.0	-33.6	50.0
Carbon disulfide	Ave	0.9355	0.7914		16.9	20.0	-15.4	50.0
Allyl chloride	Ave	0.1619	0.1538		19.0	20.0	-5.0	50.0
Cyclopentene	Ave	0.7849	0.7734		19.7	20.0	-1.5	50.0
Methyl acetate	Ave	0.2550	0.3125		24.5	20.0	22.5	50.0
Acetonitrile	Ave	0.0073	0.0088		482	400	20.6	50.0
Methylene Chloride	Ave	0.3177	0.3399		21.4	20.0	7.0	50.0
TBA	Ave	0.0289	0.0292		404	400	1.1	50.0
Methyl tert-butyl ether	Ave	0.9822	1.075		21.9	20.0	9.4	50.0
trans-1,2-Dichloroethene	Ave	0.3091	0.3353		21.7	20.0	8.5	50.0
Acrylonitrile	Ave	0.1203	0.1246		20.7	20.0	3.6	50.0
Hexane	Ave	0.1948	0.1612		16.6	20.0	-17.2	50.0
DIPE	Ave	0.8601	0.8939		20.8	20.0	3.9	50.0
1,1-Dichloroethane	Ave	0.5142	0.5839	0.1000	22.7	20.0	13.5	50.0
Vinyl acetate	LinF	0.6412	0.4962		39.4	40.0	-1.5	50.0
Allyl alcohol	Ave	0.0047	0.0046		2990	3000	-0.4	50.0
Tert-butyl ethyl ether	Ave	0.4201	0.4421		21.0	20.0	5.2	50.0
2,2-Dichloropropane	Ave	0.4703	0.4774		20.3	20.0	1.5	50.0
cis-1,2-Dichloroethene	Ave	0.3445	0.3660		21.2	20.0	6.2	50.0
2-Butanone	Ave	0.0413	0.0495		23.9	20.0	19.7	50.0
Ethyl acetate	Ave	0.0444	0.0456		41.1	40.0	2.7	50.0
Propionitrile	Ave	0.0417	0.0448		43.0	40.0	7.5	50.0
Bromochloromethane	Ave	0.1592	0.1810		22.7	20.0	13.7	50.0
Tetrahydrofuran	Ave	0.0997	0.0954		19.1	20.0	-4.4	50.0
Methacrylonitrile	Ave	0.1519	0.1586		41.8	40.0	4.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154086/2 Calibration Date: 04/04/2013 10:25

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00714.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	0.5315	0.6348		23.9	20.0	19.4	20.0
Cyclohexane	Ave	0.4835	0.4233		17.5	20.0	-12.4	50.0
1,1,1-Trichloroethane	Ave	0.4728	0.5420		22.9	20.0	14.6	50.0
Carbon tetrachloride	Ave	0.3792	0.4100		21.6	20.0	8.1	50.0
1,1-Dichloropropene	Ave	0.3875	0.3772		19.5	20.0	-2.6	50.0
Isobutyl alcohol	Ave	0.0103	0.0097		2820	3000	-6.0	50.0
Benzene	Ave	1.683	1.928		22.9	20.0	14.6	50.0
Isopropyl acetate	Ave	0.6885	0.7320		42.5	40.0	6.3	50.0
Tert-amyl methyl ether	Ave	0.8909	0.9479		21.3	20.0	6.4	50.0
1,2-Dichloroethane	Ave	0.4355	0.5419		24.9	20.0	24.4	50.0
n-Heptane	Ave	0.1691	0.1397		16.5	20.0	-17.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1162	0.0984		33.9	40.0	-15.4	50.0
n-Butanol	Ave	0.0045	0.0042		1390	1500	-7.1	50.0
Trichloroethene	Ave	0.3169	0.3649		23.0	20.0	15.2	50.0
Ethyl acrylate	Ave	0.7890	0.7709		19.5	20.0	-2.3	50.0
Methylcyclohexane	Ave	0.5374	0.4742		17.6	20.0	-11.8	50.0
1,2-Dichloropropane	Ave	0.2879	0.3013		20.9	20.0	4.7	20.0
Methyl methacrylate	Ave	0.1059	0.1039		19.6	20.0	-1.9	50.0
1,4-Dioxane	Ave	0.0033	0.0038		172	150	14.4	50.0
Dibromomethane	Ave	0.1932	0.2205		22.8	20.0	14.1	50.0
Propyl acetate	Ave	0.4353	0.4248		19.5	20.0	-2.4	50.0
Bromodichloromethane	Ave	0.4022	0.4398		21.9	20.0	9.3	50.0
2-Chloroethyl vinyl ether	Ave	0.2145	0.1543		14.4	20.0	-28.1	50.0
Epichlorohydrin	Ave	0.0443	0.0458		413	400	3.3	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.7552		21.1	20.0	5.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3922	0.4012		20.5	20.0	2.3	50.0
Toluene	Ave	1.827	2.059		22.5	20.0	12.7	20.0
trans-1,3-Dichloropropene	Ave	0.6687	0.6757		20.2	20.0	1.0	50.0
Ethyl methacrylate	Ave	0.4273	0.4128		19.3	20.0	-3.4	50.0
1,1,2-Trichloroethane	Ave	0.3386	0.3766		22.2	20.0	11.2	50.0
Tetrachloroethene	Ave	0.4569	0.4942		21.6	20.0	8.1	50.0
1,3-Dichloropropane	Ave	0.6841	0.7390		21.6	20.0	8.0	50.0
2-Hexanone	Ave	0.2745	0.2683		19.5	20.0	-2.3	50.0
Butyl acetate	Ave	0.1297	0.1293		39.9	40.0	-0.3	50.0
Dibromochloromethane	Ave	0.4115	0.4258		20.7	20.0	3.5	50.0
1,2-Dibromoethane	Ave	0.4210	0.4505		21.4	20.0	7.0	50.0
Chlorobenzene	Ave	1.214	1.327	0.3000	21.9	20.0	9.3	50.0
Ethylbenzene	Ave	0.6667	0.6911		20.7	20.0	3.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4069	0.4386		21.6	20.0	7.8	50.0
m&p-Xylene	Ave	0.8331	0.8966		43.0	40.0	7.6	50.0
Butyl acrylate	Ave	0.3583	0.3376		18.8	20.0	-5.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154086/2 Calibration Date: 04/04/2013 10:25

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00714.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
o-Xylene	Ave	0.8336	0.8874		21.3	20.0	6.5	50.0
Styrene	Ave	1.418	1.588		22.4	20.0	12.0	50.0
Amly acetate	Ave	1.166	0.9772		16.8	20.0	-16.2	50.0
Bromoform	Ave	0.2916	0.2688	0.1000	18.4	20.0	-7.8	50.0
Isopropylbenzene	Ave	2.083	2.200		21.1	20.0	5.6	50.0
Camphene, Total	Ave	0.1683	0.1563		18.6	20.0	-7.2	50.0
Monobromobenzene	Ave	0.9812	0.9857		20.1	20.0	0.5	50.0
1,1,2,2-Tetrachloroethane	Ave	1.025	0.9488	0.3000	18.5	20.0	-7.4	50.0
N-Propylbenzene	Ave	4.665	4.381		18.8	20.0	-6.1	50.0
1,2,3-Trichloropropane	Ave	0.3360	0.3559		21.2	20.0	5.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2754	0.2097		15.2	20.0	-23.9	50.0
2-Chlorotoluene	Ave	3.119	3.255		20.9	20.0	4.4	50.0
p-Ethyltoluene	Ave	1.455	1.679		23.1	20.0	15.3	50.0
1,3,5-Trimethylbenzene	Ave	3.294	3.374		20.5	20.0	2.4	50.0
4-Chlorotoluene	Ave	2.936	3.077		21.0	20.0	4.8	50.0
Butyl Methacrylate	Ave	1.107	1.021		18.4	20.0	-7.8	50.0
tert-Butylbenzene	Ave	2.858	2.664		18.6	20.0	-6.8	50.0
1,2,4-Trimethylbenzene	Ave	3.562	3.513		19.7	20.0	-1.4	50.0
2-Octanone	Ave	1.045	0.9021		17.3	20.0	-13.7	50.0
sec-Butylbenzene	Ave	4.381	3.923		17.9	20.0	-10.4	50.0
2-Octanol	Ave	0.3111	0.1303		8.37	20.0	-58.1*	50.0
1,3-Dichlorobenzene	Ave	1.907	2.014		21.1	20.0	5.6	50.0
p-Isopropyltoluene	Ave	3.770	3.446		18.3	20.0	-8.6	50.0
1,4-Dichlorobenzene	Ave	1.967	2.105		21.4	20.0	7.0	50.0
Benzyl chloride	Ave	0.4802	0.3574		14.9	20.0	-25.6	50.0
Indan	Ave	1.367	1.534		22.4	20.0	12.2	50.0
1,4-Diethylbenzene	Ave	0.8837	0.9916		22.4	20.0	12.2	50.0
n-Butylbenzene	Ave	4.287	3.977		18.6	20.0	-7.2	50.0
1,2-Dichlorobenzene	Ave	1.885	2.045		21.7	20.0	8.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.478	1.594		21.6	20.0	7.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2442	0.2056		16.8	20.0	-15.8	50.0
Camphor	Ave	0.1148	0.0859		74.8	100	-25.2	50.0
1,2,4-Trichlorobenzene	Ave	1.449	1.483		20.5	20.0	2.3	50.0
Hexachlorobutadiene	Ave	0.6515	0.5591		17.2	20.0	-14.2	50.0
Naphthalene	Ave	4.079	3.693		18.1	20.0	-9.4	50.0
1,2,3-Trichlorobenzene	Ave	1.398	1.374		19.7	20.0	-1.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2310	0.2651		57.4	50.0	14.8	50.0
Toluene-d8 (Surr)	Ave	0.9715	0.9948		51.2	50.0	2.4	50.0
4-Bromofluorobenzene	Ave	0.7423	0.7245		48.8	50.0	-2.4	50.0

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00714.d
 Report Date: 04-Apr-2013 11:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00714.d
 Lab Smp Id: CCVIS
 Inj Date : 04-APR-2013 10:25
 Operator : Inst ID: VOAMS10.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 22 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	86609	20.0000	19
3 Chloromethane	50	1.516	1.516	(0.296)	70324	20.0000	18
4 Vinyl Chloride	62	1.604	1.604	(0.313)	75999	20.0000	22
6 Bromomethane	94	1.869	1.869	(0.365)	32635	20.0000	16
5 Chloroethane	64	1.957	1.957	(0.382)	45290	20.0000	19
182 Dichlorofluoromethane	67	2.127	2.127	(0.415)	143923	20.0000	21
7 Trichlorofluoromethane	101	2.133	2.133	(0.416)	137450	20.0000	21
8 n-Pentane	72	2.180	2.180	(0.425)	23821	40.0000	33
9 Ethanol	46	2.339	2.339	(0.456)	32032	3000.00	3000
11 Ethyl Ether	59	2.374	2.374	(0.463)	59658	20.0000	21
10 Isoprene	67	2.386	2.386	(0.466)	85251	20.0000	18
14 Freon TF	101	2.527	2.527	(0.493)	63805	20.0000	18
13 Acrolein	56	2.533	2.533	(0.494)	18080	40.0000	24
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	55625	20.0000	17
16 Acetone	58	2.656	2.656	(0.518)	8343	20.0000	20
17 Iodomethane	142	2.709	2.709	(0.529)	50175	20.0000	13

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00714.d
 Report Date: 04-Apr-2013 11:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	210804	20.0000	17
20 Allyl Chloride	76	2.874	2.874	(0.561)	40963	20.0000	19
170 Cyclopentene	67	2.891	2.891	(0.564)	206009	20.0000	20
21 Acetonitrile	39	2.938	2.938	(0.573)	46864	400.000	480
22 Methylene Chloride	84	2.991	2.991	(0.584)	90546	20.0000	21
24 TBA	59	3.067	3.067	(0.599)	155505	400.000	400
28 MTBE	73	3.156	3.156	(0.616)	286241	20.0000	22
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	89302	20.0000	22
26 Acrylonitrile	53	3.250	3.250	(0.634)	33191	20.0000	21
29 Hexane	56	3.332	3.332	(0.650)	42949	20.0000	16
27 Methyl Acetate	43	2.891	2.891	(0.564)	83226	20.0000	24
32 DIPE	45	3.543	3.543	(0.692)	238094	20.0000	21
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	155531	20.0000	23
31 Vinyl Acetate	43	3.584	3.584	(0.700)	264317	40.0000	39
33 Allyl Alcohol	57	3.602	3.602	(0.703)	185471	3000.00	3000
34 n-Propanol	42	3.649	3.649	(0.712)	51185	3000.00	3000
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.751)	117762	20.0000	21
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	127160	20.0000	20
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	97491	20.0000	21
38 2-Butanone	72	4.096	4.096	(0.799)	13172	20.0000	24
39 Ethyl Acetate	70	4.102	4.102	(0.800)	24301	40.0000	41
173 Propionitrile	54	4.225	4.225	(0.825)	23868	40.0000	43
40 Bromochloromethane	128	4.295	4.295	(0.838)	48207	20.0000	23
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	25400	20.0000	19
174 Methacrylonitrile	67	4.325	4.325	(0.844)	84513	40.0000	42
42 Chloroform	83	4.348	4.348	(0.849)	169086	20.0000	24
44 Cyclohexane	56	4.478	4.478	(0.874)	112762	20.0000	18
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	144373	20.0000	23
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	109203	20.0000	22
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	100480	20.0000	19
181 Isobutyl Alcohol	43	4.771	4.771	(0.931)	387045	3000.00	2800
48 Benzene	78	4.836	4.836	(0.566)	354747	20.0000	23
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.946)	176538	50.0000	57
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	389977	40.0000	42
50 t-Amyl-methyl-ether	73	4.906	4.906	(0.958)	252499	20.0000	21
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	144336	20.0000	25
51 n-Heptane	57	4.995	4.995	(0.975)	37219	20.0000	16
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	665921	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.335	5.335	(1.041)	52401	40.0000	34
53 n-Butanol	41	5.429	5.429	(1.060)	83076	1500.00	1400
54 Trichloroethene	95	5.471	5.471	(1.068)	97197	20.0000	23
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	126306	20.0000	18
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	205347	20.0000	20
57 1,2-Dichloropropane	63	5.753	5.753	(1.123)	80251	20.0000	21
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	27671	20.0000	20
60 1,4-Dioxane	88	5.882	5.882	(1.148)	7526	150.000	170
58 Dibromomethane	93	5.882	5.882	(1.148)	58722	20.0000	23

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00714.d
 Report Date: 04-Apr-2013 11:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.899	5.899	(1.151)	113139	20.0000	20
68 Bromodichloromethane	83	6.035	6.035	(1.178)	117142	20.0000	22
62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.244)	41091	20.0000	14
63 Epichlorohydrin	57	6.475	6.475	(0.757)	168463	400.000	410
67 cis-1,3-Dichloropropene	75	6.528	6.528	(0.764)	138972	20.0000	21
70 4-Methyl-2-Pentanone	43	6.699	6.699	(0.784)	73840	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	457771	50.0000	51
66 Toluene	91	6.851	6.851	(0.801)	378936	20.0000	22
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	124358	20.0000	20
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	109947	20.0000	19
69 1,1,2-Trichloroethane	83	7.409	7.409	(0.867)	69300	20.0000	22
71 Tetrachloroethene	166	7.456	7.456	(0.872)	90941	20.0000	22
72 1,3-Dichloropropane	76	7.627	7.627	(0.892)	135995	20.0000	22
73 2-Hexanone	43	7.697	7.697	(0.900)	49371	20.0000	20
76 Butyl Acetate	73	7.809	7.809	(0.913)	47599	40.0000	40
74 Dibromochloromethane	129	7.850	7.850	(0.918)	78366	20.0000	21
77 1,2-Dibromoethane	107	7.997	7.997	(0.935)	82905	20.0000	21
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	460083	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	244146	20.0000	22
81 Ethylbenzene	106	8.690	8.690	(1.016)	127181	20.0000	21
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	80725	20.0000	22
82 m+p-Xylene	106	8.855	8.855	(1.036)	330000	40.0000	43
83 Butyl Acrylate	73	9.337	9.337	(1.092)	62132	20.0000	19
84 o-Xylene	106	9.343	9.343	(1.093)	163306	20.0000	21
85 Styrene	104	9.372	9.372	(1.096)	292218	20.0000	22
86 Bromoform	173	9.583	9.583	(1.121)	49472	20.0000	18
87 Amyl Acetate	43	9.578	9.578	(0.887)	112563	20.0000	17
88 Isopropylbenzene	105	9.713	9.713	(1.136)	404952	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	208669	50.0000	49
90 Camphene (total)	41	9.912	9.912	(1.159)	28755	20.0000	18
91 Bromobenzene	156	10.012	10.012	(0.928)	113549	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	10.059	10.059	(0.932)	109298	20.0000	18
95 n-Propylbenzene	91	10.083	10.083	(0.934)	504663	20.0000	19
93 1,2,3-Trichloropropane	110	10.100	10.100	(0.936)	40999	20.0000	21
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	24150	20.0000	15
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	374993	20.0000	21
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	447106	20.0000	23
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	388662	20.0000	20
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	354432	20.0000	21
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	117641	20.0000	18
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	306842	20.0000	19
101 1,2,4-Trimethylbenzene	105	10.529	10.529	(0.976)	404677	20.0000	20
102 2-Octanone	43	10.629	10.629	(0.985)	103914	20.0000	17
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	451953	20.0000	18
104 2-Octanol	45	10.665	10.665	(0.988)	15004	20.0000	8.4
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	396932	20.0000	18
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	231981	20.0000	21

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00714.d
 Report Date: 04-Apr-2013 11:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	287985	50.0000	
109 1,4-Dichlorobenzene	146	10.811	10.811	(1.002)	242481	20.0000	21
110 Benzyl Chloride	126	10.911	10.911	(1.011)	41166	20.0000	15
171 Indan	117	10.958	10.958	(2.139)	408530	20.0000	22
184 1,4-Diethylbenzene	119	10.999	10.999	(2.147)	264117	20.0000	22
106 n-Butylbenzene	91	11.017	11.017	(1.021)	458099	20.0000	18
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	235563	20.0000	22
186 1,2,4,5-Tetramethylbenzene	119	11.522	11.522	(2.249)	424678	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	23689	20.0000	17
113 Camphor	95	12.122	12.122	(1.123)	49466	100.000	75
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.130)	170853	20.0000	20
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	64401	20.0000	17
116 Naphthalene	128	12.410	12.410	(1.150)	425450	20.0000	18
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	158224	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				186793	40.0000	43
M 121 Xylene (Total)	100				493306	60.0000	64

Data File: r00714.d

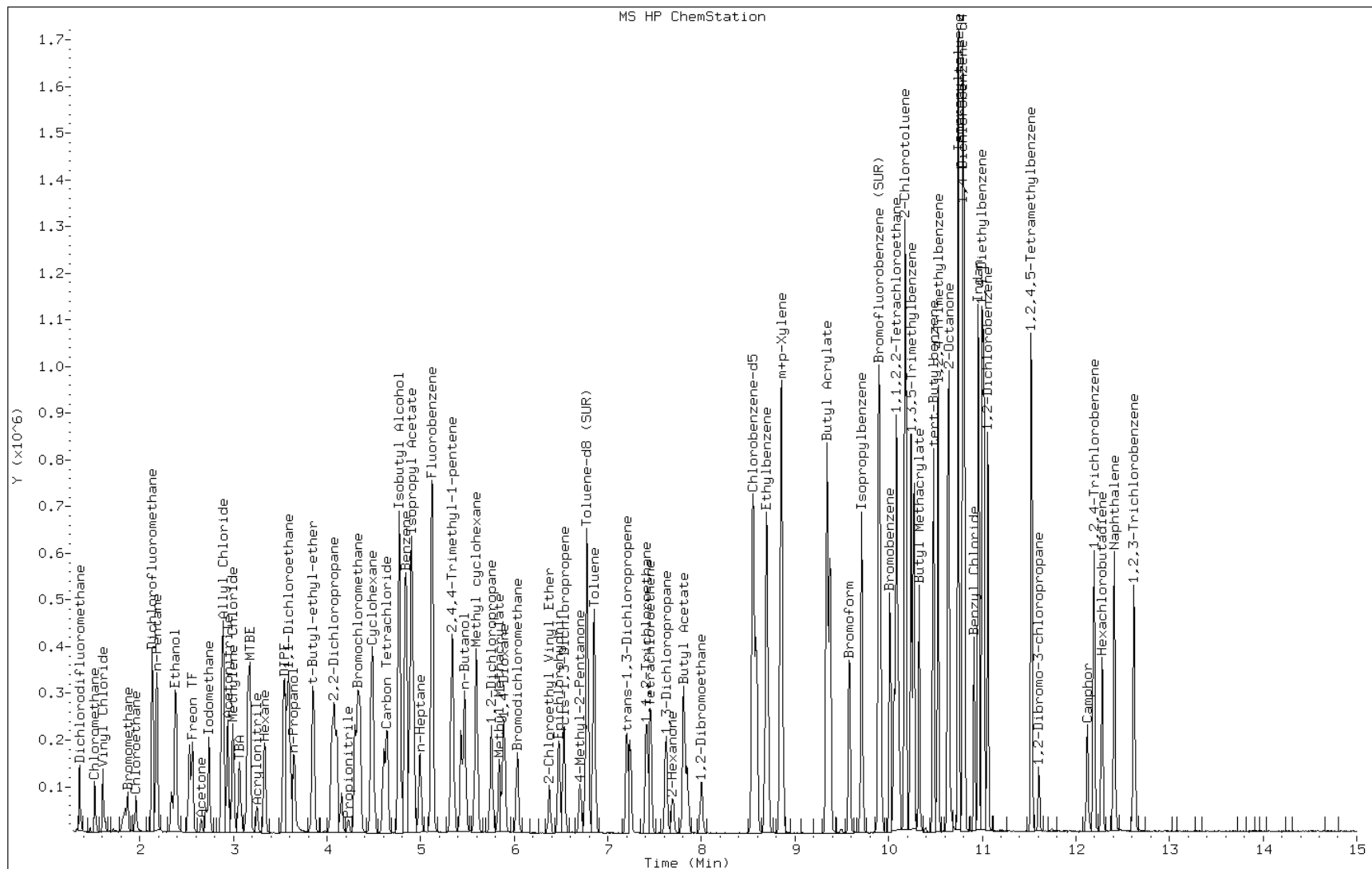
Date: 04-APR-2013 10:25

Client ID:

Instrument: VOAMS10.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154239/2 Calibration Date: 04/05/2013 06:31

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00745.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3387	0.3572		21.1	20.0	5.5	50.0
Chloromethane	Ave	0.2861	0.2680	0.1000	18.7	20.0	-6.3	50.0
Vinyl chloride	LinF	0.3050	0.2949		22.5	20.0	12.3	20.0
Bromomethane	Ave	0.1500	0.1668		22.2	20.0	11.2	50.0
Chloroethane	Ave	0.1779	0.1869		21.0	20.0	5.1	50.0
Dichlorofluoromethane	Ave	0.5094	0.5978		23.5	20.0	17.3	50.0
Trichlorofluoromethane	Ave	0.4801	0.5965		24.8	20.0	24.2	50.0
n-Pentane	Ave	0.0547	0.0528		38.6	40.0	-3.5	50.0
Ethanol	Ave	0.0008	0.0010		3530	3000	17.6	50.0
Ethyl ether	Ave	0.2117	0.2388		22.6	20.0	12.8	50.0
Isopropene	Ave	0.3545	0.3575		20.2	20.0	0.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2721	0.3029		22.3	20.0	11.3	50.0
Acrolein	Ave	0.0553	0.0405		29.3	40.0	-26.8	50.0
1,1-Dichloroethene	Ave	0.2436	0.2262		18.6	20.0	-7.1	20.0
Acetone	Ave	0.0319	0.0381		23.9	20.0	19.3	50.0
Iodomethane	Ave	0.2835	0.3655		25.8	20.0	28.9	50.0
Carbon disulfide	Ave	0.9355	0.9291		19.9	20.0	-0.7	50.0
Allyl chloride	Ave	0.1619	0.1712		21.2	20.0	5.8	50.0
Cyclopentene	Ave	0.7849	0.8106		20.7	20.0	3.3	50.0
Methyl acetate	Ave	0.2550	0.2921		22.9	20.0	14.5	50.0
Acetonitrile	Ave	0.0073	0.0088		484	400	21.1	50.0
Methylene Chloride	Ave	0.3177	0.3299		20.8	20.0	3.8	50.0
TBA	Ave	0.0289	0.0319		442	400	10.4	50.0
Methyl tert-butyl ether	Ave	0.9822	1.108		22.6	20.0	12.8	50.0
trans-1,2-Dichloroethene	Ave	0.3091	0.3167		20.5	20.0	2.5	50.0
Acrylonitrile	Ave	0.1203	0.1213		20.2	20.0	0.9	50.0
Hexane	Ave	0.1948	0.1883		19.3	20.0	-3.4	50.0
DIPE	Ave	0.8601	0.9197		21.4	20.0	6.9	50.0
1,1-Dichloroethane	Ave	0.5142	0.5525	0.1000	21.5	20.0	7.4	50.0
Vinyl acetate	LinF	0.6412	0.7228		57.4	40.0	43.5	50.0
Allyl alcohol	Ave	0.0047	0.0049		3160	3000	5.4	50.0
Tert-butyl ethyl ether	Ave	0.4201	0.4539		21.6	20.0	8.0	50.0
2,2-Dichloropropane	Ave	0.4703	0.5069		21.6	20.0	7.8	50.0
cis-1,2-Dichloroethene	Ave	0.3445	0.3537		20.5	20.0	2.6	50.0
2-Butanone	Ave	0.0413	0.0526		25.5	20.0	27.3	50.0
Ethyl acetate	Ave	0.0444	0.0486		43.8	40.0	9.4	50.0
Propionitrile	Ave	0.0417	0.0474		45.5	40.0	13.7	50.0
Bromochloromethane	Ave	0.1592	0.1722		21.6	20.0	8.2	50.0
Tetrahydrofuran	Ave	0.0997	0.1025		20.6	20.0	2.8	50.0
Methacrylonitrile	Ave	0.1519	0.1665		43.8	40.0	9.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154239/2 Calibration Date: 04/05/2013 06:31

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00745.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	0.5315	0.6086		22.9	20.0	14.5	20.0
Cyclohexane	Ave	0.4835	0.4661		19.3	20.0	-3.6	50.0
1,1,1-Trichloroethane	Ave	0.4728	0.5312		22.5	20.0	12.3	50.0
Carbon tetrachloride	Ave	0.3792	0.4131		21.8	20.0	8.9	50.0
1,1-Dichloropropene	Ave	0.3875	0.3728		19.2	20.0	-3.8	50.0
Isobutyl alcohol	Ave	0.0103	0.0103		3000	3000	0.0	50.0
Benzene	Ave	1.683	1.912		22.7	20.0	13.6	50.0
Isopropyl acetate	Ave	0.6885	0.7733		44.9	40.0	12.3	50.0
Tert-amyl methyl ether	Ave	0.8909	0.9902		22.2	20.0	11.1	50.0
1,2-Dichloroethane	Ave	0.4355	0.5385		24.7	20.0	23.6	50.0
n-Heptane	Ave	0.1691	0.1574		18.6	20.0	-6.9	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1162	0.1109		38.2	40.0	-4.6	50.0
n-Butanol	Ave	0.0045	0.0047		1560	1500	4.0	50.0
Trichloroethene	Ave	0.3169	0.3357		21.2	20.0	5.9	50.0
Methylcyclohexane	Ave	0.5374	0.5283		19.7	20.0	-1.7	50.0
Ethyl acrylate	Ave	0.7890	0.8264		21.0	20.0	4.8	50.0
1,2-Dichloropropane	Ave	0.2879	0.2918		20.3	20.0	1.4	20.0
Methyl methacrylate	Ave	0.1059	0.1087		20.5	20.0	2.6	50.0
1,4-Dioxane	Ave	0.0033	0.0038		172	150	14.7	50.0
Dibromomethane	Ave	0.1932	0.2150		22.3	20.0	11.3	50.0
Propyl acetate	Ave	0.4353	0.4482		20.6	20.0	3.0	50.0
Bromodichloromethane	Ave	0.4022	0.4272		21.2	20.0	6.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2145	0.1689		15.8	20.0	-21.2	50.0
Epichlorohydrin	Ave	0.0443	0.0496		448	400	11.9	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.7622		21.3	20.0	6.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3922	0.4247		21.7	20.0	8.3	50.0
Toluene	Ave	1.827	2.050		22.4	20.0	12.2	20.0
trans-1,3-Dichloropropene	Ave	0.6687	0.6825		20.4	20.0	2.1	50.0
Ethyl methacrylate	Ave	0.4273	0.4283		20.0	20.0	0.2	50.0
1,1,2-Trichloroethane	Ave	0.3386	0.3637		21.5	20.0	7.4	50.0
Tetrachloroethene	Ave	0.4569	0.4887		21.4	20.0	7.0	50.0
1,3-Dichloropropane	Ave	0.6841	0.7497		21.9	20.0	9.6	50.0
2-Hexanone	Ave	0.2745	0.2905		21.2	20.0	5.8	50.0
Butyl acetate	Ave	0.1297	0.1345		41.5	40.0	3.7	50.0
Dibromochloromethane	Ave	0.4115	0.4365		21.2	20.0	6.1	50.0
1,2-Dibromoethane	Ave	0.4210	0.4572		21.7	20.0	8.6	50.0
Chlorobenzene	Ave	1.214	1.304	0.3000	21.5	20.0	7.4	50.0
Ethylbenzene	Ave	0.6667	0.6917		20.7	20.0	3.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4069	0.4393		21.6	20.0	8.0	50.0
m&p-Xylene	Ave	0.8331	0.8869		42.6	40.0	6.5	50.0
Butyl acrylate	Ave	0.3583	0.3531		19.7	20.0	-1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154239/2 Calibration Date: 04/05/2013 06:31

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00745.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
o-Xylene	Ave	0.8336	0.8807		21.1	20.0	5.6	50.0
Styrene	Ave	1.418	1.531		21.6	20.0	8.0	50.0
Amly acetate	Ave	1.166	1.038		17.8	20.0	-11.0	50.0
Bromoform	Ave	0.2916	0.2778	0.1000	19.1	20.0	-4.7	50.0
Isopropylbenzene	Ave	2.083	2.254		21.6	20.0	8.2	50.0
Camphene, Total	Ave	0.1683	0.1677		19.9	20.0	-0.4	50.0
Monobromobenzene	Ave	0.9812	0.9748		19.9	20.0	-0.7	50.0
1,1,2,2-Tetrachloroethane	Ave	1.025	0.9844	0.3000	19.2	20.0	-3.9	50.0
N-Propylbenzene	Ave	4.665	4.441		19.0	20.0	-4.8	50.0
1,2,3-Trichloropropane	Ave	0.3360	0.3500		20.8	20.0	4.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2754	0.2521		18.3	20.0	-8.4	50.0
2-Chlorotoluene	Ave	3.119	3.319		21.3	20.0	6.4	50.0
p-Ethyltoluene	Ave	1.455	1.737		23.9	20.0	19.4	50.0
1,3,5-Trimethylbenzene	Ave	3.294	3.454		21.0	20.0	4.9	50.0
4-Chlorotoluene	Ave	2.936	3.091		21.1	20.0	5.3	50.0
Butyl Methacrylate	Ave	1.107	1.030		18.6	20.0	-7.0	50.0
tert-Butylbenzene	Ave	2.858	2.844		19.9	20.0	-0.5	50.0
1,2,4-Trimethylbenzene	Ave	3.562	3.630		20.4	20.0	1.9	50.0
2-Octanone	Ave	1.045	0.9853		18.9	20.0	-5.7	50.0
sec-Butylbenzene	Ave	4.381	4.221		19.3	20.0	-3.6	50.0
2-Octanol	Ave	0.3111	0.1781		11.5	20.0	-42.8	50.0
1,3-Dichlorobenzene	Ave	1.907	2.014		21.1	20.0	5.7	50.0
p-Isopropyltoluene	Ave	3.770	3.677		19.5	20.0	-2.5	50.0
1,4-Dichlorobenzene	Ave	1.967	2.077		21.1	20.0	5.6	50.0
Benzyl chloride	Ave	0.4802	0.4644		19.3	20.0	-3.3	50.0
Indan	Ave	1.367	1.556		22.8	20.0	13.9	50.0
1,4-Diethylbenzene	Ave	0.8837	1.037		23.5	20.0	17.4	50.0
n-Butylbenzene	Ave	4.287	4.325		20.2	20.0	0.9	50.0
1,2-Dichlorobenzene	Ave	1.885	1.965		20.9	20.0	4.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.478	1.657		22.4	20.0	12.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2442	0.2155		17.6	20.0	-11.8	50.0
Camphor	Ave	0.1148	0.1041		90.7	100	-9.3	50.0
1,2,4-Trichlorobenzene	Ave	1.449	1.469		20.3	20.0	1.4	50.0
Hexachlorobutadiene	Ave	0.6515	0.6954		21.3	20.0	6.7	50.0
Naphthalene	Ave	4.079	3.656		17.9	20.0	-10.4	50.0
1,2,3-Trichlorobenzene	Ave	1.398	1.417		20.3	20.0	1.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2310	0.2690		58.2	50.0	16.5	50.0
Toluene-d8 (Surr)	Ave	0.9715	0.9891		50.9	50.0	1.8	50.0
4-Bromofluorobenzene	Ave	0.7423	0.7002		47.2	50.0	-5.7	50.0

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00745.d
 Report Date: 05-Apr-2013 08:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00745.d
 Lab Smp Id: CCVIS
 Inj Date : 05-APR-2013 06:31
 Operator : Inst ID: VOAMS10.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 22 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	94554	20.0000	21
3 Chloromethane	50	1.516	1.516	(0.296)	70955	20.0000	19
4 Vinyl Chloride	62	1.605	1.605	(0.313)	78067	20.0000	22
6 Bromomethane	94	1.869	1.869	(0.365)	44162	20.0000	22
5 Chloroethane	64	1.957	1.957	(0.382)	49476	20.0000	21
182 Dichlorofluoromethane	67	2.127	2.127	(0.415)	158265	20.0000	23
7 Trichlorofluoromethane	101	2.133	2.133	(0.416)	157920	20.0000	25
8 n-Pentane	72	2.180	2.180	(0.426)	27953	40.0000	38
9 Ethanol	46	2.339	2.339	(0.456)	37735	3000.00	3500
11 Ethyl Ether	59	2.374	2.374	(0.463)	63226	20.0000	22
10 Isoprene	67	2.386	2.386	(0.466)	94634	20.0000	20
14 Freon TF	101	2.527	2.527	(0.493)	80185	20.0000	22
13 Acrolein	56	2.533	2.533	(0.494)	21435	40.0000	29
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	59879	20.0000	18
16 Acetone	58	2.656	2.656	(0.518)	10085	20.0000	24
17 Iodomethane	142	2.709	2.709	(0.529)	96764	20.0000	26

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00745.d
 Report Date: 05-Apr-2013 08:14

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.739	2.739	(0.534)	245964	20.0000	20
20 Allyl Chloride	76	2.874	2.874	(0.561)	45324	20.0000	21
170 Cyclopentene	67	2.891	2.891	(0.564)	214606	20.0000	21
21 Acetonitrile	39	2.938	2.938	(0.573)	46792	400.000	480
22 Methylene Chloride	84	2.997	2.997	(0.585)	87345	20.0000	21
24 TBA	59	3.068	3.068	(0.599)	168762	400.000	440
28 MTBE	73	3.156	3.156	(0.616)	293291	20.0000	22
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	83855	20.0000	20
26 Acrylonitrile	53	3.250	3.250	(0.634)	32122	20.0000	20
29 Hexane	56	3.332	3.332	(0.650)	49843	20.0000	19
27 Methyl Acetate	43	2.891	2.891	(0.564)	77327	20.0000	23
32 DIPE	45	3.538	3.538	(0.690)	243495	20.0000	21
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	146264	20.0000	21
31 Vinyl Acetate	43	3.585	3.585	(0.700)	382738	40.0000	57
33 Allyl Alcohol	57	3.602	3.602	(0.703)	195041	3000.00	3200
34 n-Propanol	42	3.649	3.649	(0.712)	60217	3000.00	3600
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.751)	120161	20.0000	22
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	134200	20.0000	22
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	93627	20.0000	20
38 2-Butanone	72	4.096	4.096	(0.799)	13924	20.0000	25
39 Ethyl Acetate	70	4.102	4.102	(0.800)	25730	40.0000	44
173 Propionitrile	54	4.225	4.225	(0.825)	25076	40.0000	45
40 Bromochloromethane	128	4.296	4.296	(0.838)	45599	20.0000	22
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	27136	20.0000	20
174 Methacrylonitrile	67	4.325	4.325	(0.844)	88153	40.0000	44
42 Chloroform	83	4.348	4.348	(0.849)	161116	20.0000	23
44 Cyclohexane	56	4.472	4.472	(0.873)	123402	20.0000	19
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	140631	20.0000	22
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	109370	20.0000	22
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	98701	20.0000	19
181 Isobutyl Alcohol	43	4.772	4.772	(0.931)	409546	3000.00	3000
48 Benzene	78	4.836	4.836	(0.566)	346485	20.0000	23
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.946)	178046	50.0000	58
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	409438	40.0000	45
50 t-Amyl-methyl-ether	73	4.901	4.901	(0.956)	262144	20.0000	22
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	142559	20.0000	25
51 n-Heptane	57	4.995	4.995	(0.975)	41662	20.0000	19
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	661861	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	58704	40.0000	38
53 n-Butanol	41	5.430	5.430	(1.060)	92450	1500.00	1600
54 Trichloroethene	95	5.471	5.471	(1.068)	88862	20.0000	21
56 Methyl cyclohexane	83	5.588	5.588	(1.091)	139863	20.0000	20
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	218794	20.0000	21
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	77260	20.0000	20
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	28781	20.0000	20
60 1,4-Dioxane	88	5.882	5.882	(1.148)	7494	150.000	170
58 Dibromomethane	93	5.882	5.882	(1.148)	56926	20.0000	22

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00745.d
 Report Date: 05-Apr-2013 08:14

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.894	5.894	(1.150)	118657	20.0000	20
68 Bromodichloromethane	83	6.035	6.035	(1.178)	113096	20.0000	21
62 2-Chloroethyl Vinyl Ether	63	6.376	6.376	(1.244)	44720	20.0000	16
63 Epichlorohydrin	57	6.475	6.475	(0.757)	179698	400.000	450
67 cis-1,3-Dichloropropene	75	6.528	6.528	(0.764)	138127	20.0000	21
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	76963	20.0000	22
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	448156	50.0000	51
66 Toluene	91	6.851	6.851	(0.801)	371406	20.0000	22
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	123671	20.0000	20
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	113394	20.0000	20
69 1,1,2-Trichloroethane	83	7.410	7.410	(0.867)	65907	20.0000	21
71 Tetrachloroethene	166	7.457	7.457	(0.872)	88558	20.0000	21
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	135855	20.0000	22
73 2-Hexanone	43	7.692	7.692	(0.900)	52642	20.0000	21
76 Butyl Acetate	73	7.809	7.809	(0.913)	48731	40.0000	41
74 Dibromochloromethane	129	7.844	7.844	(0.918)	79097	20.0000	21
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	82857	20.0000	22
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	453033	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	236237	20.0000	21
81 Ethylbenzene	106	8.691	8.691	(1.016)	125344	20.0000	21
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	79605	20.0000	22
82 m+p-Xylene	106	8.849	8.849	(1.035)	321449	40.0000	42
83 Butyl Acrylate	73	9.337	9.337	(1.092)	63985	20.0000	20
84 o-Xylene	106	9.343	9.343	(1.093)	159587	20.0000	21
85 Styrene	104	9.372	9.372	(1.096)	277384	20.0000	22
86 Bromoform	173	9.584	9.584	(1.121)	50347	20.0000	19
87 Amyl Acetate	43	9.578	9.578	(0.887)	118571	20.0000	18
88 Isopropylbenzene	105	9.713	9.713	(1.136)	408406	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	200028	50.0000	47
90 Camphene (total)	41	9.913	9.913	(1.159)	30381	20.0000	20
91 Bromobenzene	156	10.013	10.013	(0.928)	111385	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	10.060	10.060	(0.932)	112490	20.0000	19
95 n-Propylbenzene	91	10.083	10.083	(0.934)	507494	20.0000	19
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	39990	20.0000	21
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	28812	20.0000	18
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	379199	20.0000	21
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	459902	20.0000	24
97 1,3,5-Trimethylbenzene	105	10.236	10.236	(0.948)	394658	20.0000	21
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	353185	20.0000	21
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	117729	20.0000	19
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	325027	20.0000	20
101 1,2,4-Trimethylbenzene	105	10.524	10.524	(0.975)	414831	20.0000	20
102 2-Octanone	43	10.629	10.629	(0.985)	112585	20.0000	19
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	482377	20.0000	19
104 2-Octanol	45	10.665	10.665	(0.988)	20351	20.0000	11
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	420182	20.0000	20
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	230175	20.0000	21

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00745.d
 Report Date: 05-Apr-2013 08:14

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	285670	50.0000	
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	237381	20.0000	21
110 Benzyl Chloride	126	10.911	10.911	(1.011)	53068	20.0000	19
171 Indan	117	10.958	10.958	(2.139)	412069	20.0000	23
184 1,4-Diethylbenzene	119	11.000	11.000	(2.147)	274553	20.0000	23
106 n-Butylbenzene	91	11.017	11.017	(1.021)	494214	20.0000	20
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	224508	20.0000	21
186 1,2,4,5-Tetramethylbenzene	119	11.523	11.523	(2.249)	438570	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	24628	20.0000	18
113 Camphor	95	12.122	12.122	(1.123)	59453	100.000	91
114 1,2,4-Trichlorobenzene	180	12.192	12.192	(1.130)	167887	20.0000	20
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	79466	20.0000	21
116 Naphthalene	128	12.410	12.410	(1.150)	417742	20.0000	18
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	161906	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				177482	40.0000	41
M 121 Xylene (Total)	100				481037	60.0000	64

Data File: r00745.d

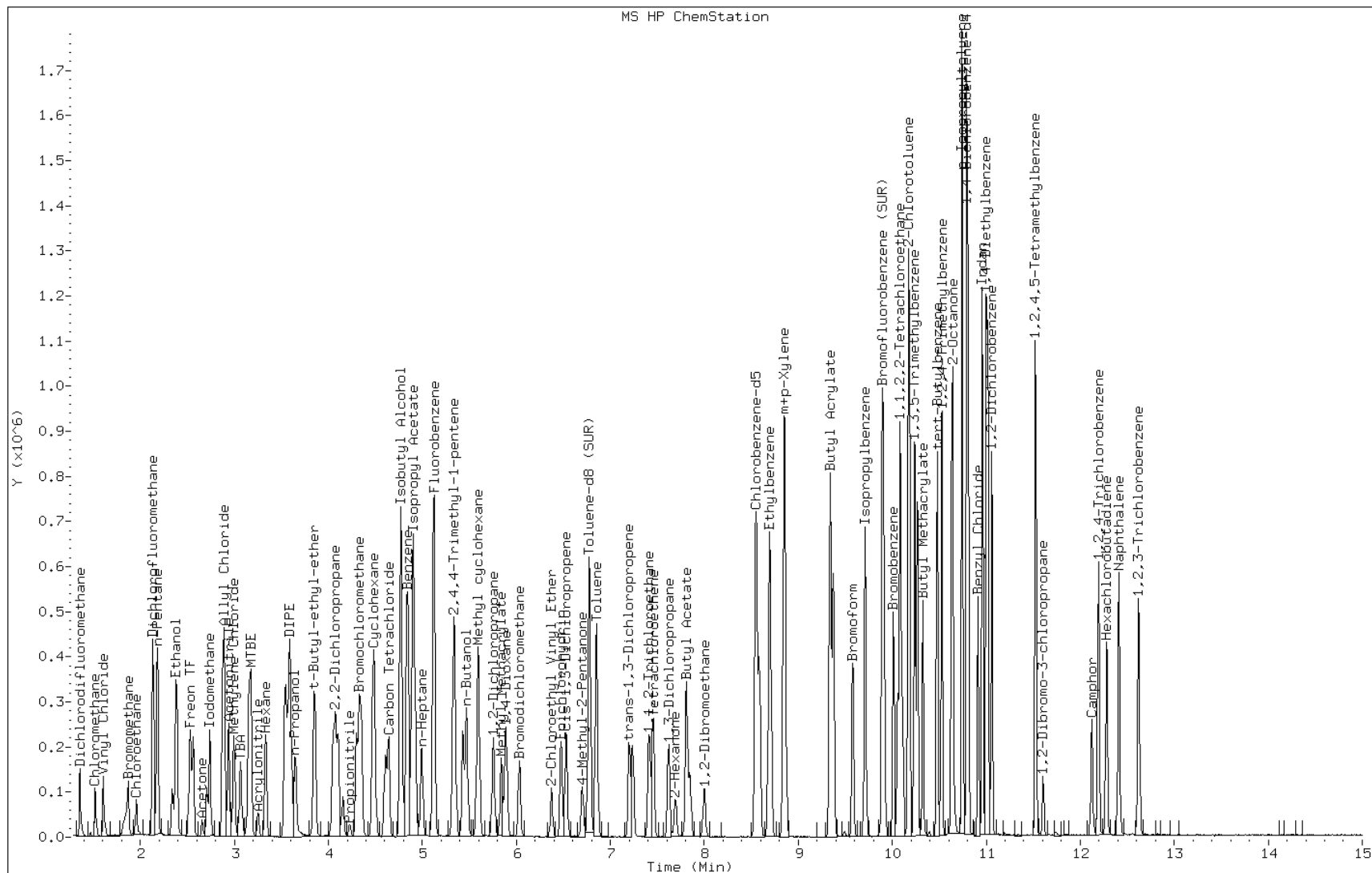
Date: 05-APR-2013 06:31

Client ID:

Instrument: VOAMS10.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154374/2 Calibration Date: 04/05/2013 19:02

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00772.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3387	0.4033		23.8	20.0	19.1	50.0
Chloromethane	Ave	0.2861	0.2787	0.1000	19.5	20.0	-2.6	50.0
Vinyl chloride	LinF	0.3050	0.3009		22.9	20.0	14.6	20.0
Bromomethane	Ave	0.1500	0.1734		23.1	20.0	15.6	50.0
Chloroethane	Ave	0.1779	0.1803		20.3	20.0	1.4	50.0
Dichlorofluoromethane	Ave	0.5094	0.5111		20.1	20.0	0.3	50.0
Trichlorofluoromethane	Ave	0.4801	0.6305		26.3	20.0	31.3	50.0
n-Pentane	Ave	0.0547	0.0504		36.8	40.0	-8.0	50.0
Ethanol	Ave	0.0008	0.0009		3380	3000	12.8	50.0
Ethyl ether	Ave	0.2117	0.2175		20.5	20.0	2.7	50.0
Isopropene	Ave	0.3545	0.3329		18.8	20.0	-6.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2721	0.2943		21.6	20.0	8.2	50.0
Acrolein	Ave	0.0553	0.0525		37.9	40.0	-5.1	50.0
1,1-Dichloroethene	Ave	0.2436	0.2685		22.0	20.0	10.2	20.0
Acetone	Ave	0.0319	0.0297		18.6	20.0	-7.1	50.0
Iodomethane	Ave	0.2835	0.3829		27.0	20.0	35.0	50.0
Carbon disulfide	Ave	0.9355	0.9366		20.0	20.0	0.1	50.0
Allyl chloride	Ave	0.1619	0.1532		18.9	20.0	-5.4	50.0
Cyclopentene	Ave	0.7849	0.7363		18.8	20.0	-6.2	50.0
Methyl acetate	Ave	0.2550	0.2794		21.9	20.0	9.6	50.0
Acetonitrile	Ave	0.0073	0.0082		450	400	12.5	50.0
Methylene Chloride	Ave	0.3177	0.3292		20.7	20.0	3.6	50.0
TBA	Ave	0.0289	0.0269		373	400	-6.8	50.0
Methyl tert-butyl ether	Ave	0.9822	0.996		20.3	20.0	1.4	50.0
trans-1,2-Dichloroethene	Ave	0.3091	0.3238		21.0	20.0	4.8	50.0
Acrylonitrile	Ave	0.1203	0.1134		18.9	20.0	-5.7	50.0
Hexane	Ave	0.1948	0.1930		19.8	20.0	-1.0	50.0
DIPE	Ave	0.8601	0.7718		17.9	20.0	-10.3	50.0
1,1-Dichloroethane	Ave	0.5142	0.5590	0.1000	21.7	20.0	8.7	50.0
Vinyl acetate	LinF	0.6412	0.6087		48.3	40.0	20.9	50.0
Allyl alcohol	Ave	0.0047	0.0049		3150	3000	5.0	50.0
Tert-butyl ethyl ether	Ave	0.4201	0.4050		19.3	20.0	-3.6	50.0
2,2-Dichloropropane	Ave	0.4703	0.5469		23.3	20.0	16.3	50.0
cis-1,2-Dichloroethene	Ave	0.3445	0.3446		20.0	20.0	0.0	50.0
2-Butanone	Ave	0.0413	0.0446		21.6	20.0	7.9	50.0
Ethyl acetate	Ave	0.0444	0.0410		36.9	40.0	-7.7	50.0
Propionitrile	Ave	0.0417	0.0409		39.3	40.0	-1.8	50.0
Bromochloromethane	Ave	0.1592	0.1817		22.8	20.0	14.2	50.0
Tetrahydrofuran	Ave	0.0997	0.0855		17.2	20.0	-14.2	50.0
Methacrylonitrile	Ave	0.1519	0.1440		37.9	40.0	-5.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154374/2 Calibration Date: 04/05/2013 19:02

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00772.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	0.5315	0.6220		23.4	20.0	17.0	20.0
Cyclohexane	Ave	0.4835	0.4212		17.4	20.0	-12.9	50.0
1,1,1-Trichloroethane	Ave	0.4728	0.5706		24.1	20.0	20.7	50.0
Carbon tetrachloride	Ave	0.3792	0.4761		25.1	20.0	25.6	50.0
1,1-Dichloropropene	Ave	0.3875	0.3847		19.9	20.0	-0.7	50.0
Isobutyl alcohol	Ave	0.0103	0.0100		2900	3000	-3.5	50.0
Benzene	Ave	1.683	1.968		23.4	20.0	17.0	50.0
Isopropyl acetate	Ave	0.6885	0.6755		39.2	40.0	-1.9	50.0
Tert-amyl methyl ether	Ave	0.8909	0.8671		19.5	20.0	-2.7	50.0
1,2-Dichloroethane	Ave	0.4355	0.5158		23.7	20.0	18.4	50.0
n-Heptane	Ave	0.1691	0.1668		19.7	20.0	-1.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1162	0.1044		35.9	40.0	-10.2	50.0
n-Butanol	Ave	0.0045	0.0044		1470	1500	-2.0	50.0
Trichloroethene	Ave	0.3169	0.3405		21.5	20.0	7.5	50.0
Ethyl acrylate	Ave	0.7890	0.7580		19.2	20.0	-3.9	50.0
Methylcyclohexane	Ave	0.5374	0.4763		17.7	20.0	-11.4	50.0
1,2-Dichloropropane	Ave	0.2879	0.2833		19.7	20.0	-1.6	20.0
Methyl methacrylate	Ave	0.1059	0.0938		17.7	20.0	-11.5	50.0
1,4-Dioxane	Ave	0.0033	0.0036		163	150	9.0	50.0
Dibromomethane	Ave	0.1932	0.2280		23.6	20.0	18.0	50.0
Propyl acetate	Ave	0.4353	0.3885		17.9	20.0	-10.7	50.0
Bromodichloromethane	Ave	0.4022	0.4611		22.9	20.0	14.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2145	0.1735		16.2	20.0	-19.1	50.0
Epichlorohydrin	Ave	0.0443	0.0471		426	400	6.4	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.7897		22.1	20.0	10.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3922	0.3767		19.2	20.0	-4.0	50.0
Toluene	Ave	1.827	2.067		22.6	20.0	13.2	20.0
trans-1,3-Dichloropropene	Ave	0.6687	0.7168		21.4	20.0	7.2	50.0
Ethyl methacrylate	Ave	0.4273	0.3716		17.4	20.0	-13.0	50.0
1,1,2-Trichloroethane	Ave	0.3386	0.3780		22.3	20.0	11.7	50.0
Tetrachloroethene	Ave	0.4569	0.5421		23.7	20.0	18.6	50.0
1,3-Dichloropropane	Ave	0.6841	0.7423		21.7	20.0	8.5	50.0
2-Hexanone	Ave	0.2745	0.2478		18.1	20.0	-9.7	50.0
Butyl acetate	Ave	0.1297	0.1161		35.8	40.0	-10.5	50.0
Dibromochloromethane	Ave	0.4115	0.4949		24.1	20.0	20.3	50.0
1,2-Dibromoethane	Ave	0.4210	0.4626		22.0	20.0	9.9	50.0
Chlorobenzene	Ave	1.214	1.262	0.3000	20.8	20.0	4.0	50.0
Ethylbenzene	Ave	0.6667	0.6909		20.7	20.0	3.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4069	0.4784		23.5	20.0	17.6	50.0
m&p-Xylene	Ave	0.8331	0.7953		38.2	40.0	-4.5	50.0
Butyl acrylate	Ave	0.3583	0.2947		16.4	20.0	-17.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154374/2 Calibration Date: 04/05/2013 19:02

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00772.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
o-Xylene	Ave	0.8336	0.8609		20.7	20.0	3.3	50.0
Styrene	Ave	1.418	1.537		21.7	20.0	8.4	50.0
Amly acetate	Ave	1.166	0.8854		15.2	20.0	-24.0	50.0
Bromoform	Ave	0.2916	0.3405	0.1000	23.4	20.0	16.8	50.0
Isopropylbenzene	Ave	2.083	2.329		22.4	20.0	11.8	50.0
Camphene, Total	Ave	0.1683	0.1570		18.7	20.0	-6.7	50.0
Monobromobenzene	Ave	0.9812	0.9350		19.1	20.0	-4.7	50.0
1,1,2,2-Tetrachloroethane	Ave	1.025	0.9459	0.3000	18.5	20.0	-7.7	50.0
N-Propylbenzene	Ave	4.665	4.321		18.5	20.0	-7.4	50.0
1,2,3-Trichloropropane	Ave	0.3360	0.3430		20.4	20.0	2.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2754	0.2292		16.6	20.0	-16.8	50.0
2-Chlorotoluene	Ave	3.119	3.095		19.8	20.0	-0.8	50.0
p-Ethyltoluene	Ave	1.455	1.443		19.8	20.0	-0.9	50.0
1,3,5-Trimethylbenzene	Ave	3.294	3.328		20.2	20.0	1.1	50.0
4-Chlorotoluene	Ave	2.936	3.019		20.6	20.0	2.8	50.0
Butyl Methacrylate	Ave	1.107	0.8485		15.3	20.0	-23.4	50.0
tert-Butylbenzene	Ave	2.858	2.628		18.4	20.0	-8.0	50.0
1,2,4-Trimethylbenzene	Ave	3.562	3.410		19.1	20.0	-4.3	50.0
2-Octanone	Ave	1.045	0.8630		16.5	20.0	-17.4	50.0
sec-Butylbenzene	Ave	4.381	4.119		18.8	20.0	-6.0	50.0
2-Octanol	Ave	0.3111	0.1498		9.63	20.0	-51.9*	50.0
1,3-Dichlorobenzene	Ave	1.907	1.917		20.1	20.0	0.6	50.0
p-Isopropyltoluene	Ave	3.770	3.622		19.2	20.0	-3.9	50.0
1,4-Dichlorobenzene	Ave	1.967	1.997		20.3	20.0	1.5	50.0
Benzyl chloride	Ave	0.4802	0.3992		16.6	20.0	-16.9	50.0
Indan	Ave	1.367	1.322		19.4	20.0	-3.2	50.0
1,4-Diethylbenzene	Ave	0.8837	0.8404		19.0	20.0	-4.9	50.0
n-Butylbenzene	Ave	4.287	4.153		19.4	20.0	-3.1	50.0
1,2-Dichlorobenzene	Ave	1.885	1.933		20.5	20.0	2.6	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.478	1.318		17.8	20.0	-10.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2442	0.2339		19.2	20.0	-4.2	50.0
Camphor	Ave	0.1148	0.0860		75.0	100	-25.0	50.0
1,2,4-Trichlorobenzene	Ave	1.449	1.453		20.0	20.0	0.2	50.0
Hexachlorobutadiene	Ave	0.6515	0.7169		22.0	20.0	10.0	50.0
Naphthalene	Ave	4.079	3.511		17.2	20.0	-13.9	50.0
1,2,3-Trichlorobenzene	Ave	1.398	1.371		19.6	20.0	-1.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2310	0.2784		60.3	50.0	20.5	50.0
Toluene-d8 (Surr)	Ave	0.9715	1.064		54.7	50.0	9.5	50.0
4-Bromofluorobenzene	Ave	0.7423	0.7219		48.6	50.0	-2.7	50.0

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00772.d
 Report Date: 05-Apr-2013 20:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00772.d
 Lab Smp Id: CCVIS
 Inj Date : 05-APR-2013 19:02
 Operator : Inst ID: VOAMS10.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 22 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	98464	20.0000	24
3 Chloromethane	50	1.516	1.516	(0.296)	68056	20.0000	19
4 Vinyl Chloride	62	1.605	1.605	(0.314)	73471	20.0000	23
6 Bromomethane	94	1.875	1.875	(0.366)	42350	20.0000	23
5 Chloroethane	64	1.963	1.963	(0.384)	44033	20.0000	20
182 Dichlorofluoromethane	67	2.133	2.133	(0.417)	124795	20.0000	20
7 Trichlorofluoromethane	101	2.139	2.139	(0.418)	153944	20.0000	26
8 n-Pentane	72	2.186	2.186	(0.427)	24594	40.0000	37
9 Ethanol	46	2.333	2.333	(0.456)	33384	3000.00	3400
11 Ethyl Ether	59	2.374	2.374	(0.464)	53098	20.0000	20
10 Isoprene	67	2.386	2.386	(0.466)	81295	20.0000	19
14 Freon TF	101	2.533	2.533	(0.495)	71857	20.0000	22
13 Acrolein	56	2.533	2.533	(0.495)	25627	40.0000	38
15 1,1-Dichloroethene	96	2.562	2.562	(0.501)	65557	20.0000	22
16 Acetone	58	2.656	2.656	(0.519)	7239	20.0000	18
17 Iodomethane	142	2.709	2.709	(0.529)	93483	20.0000	27

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00772.d
 Report Date: 05-Apr-2013 20:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.739	2.739	(0.535)	228683	20.0000	20
20 Allyl Chloride	76	2.874	2.874	(0.561)	37400	20.0000	19
170 Cyclopentene	67	2.891	2.891	(0.565)	179783	20.0000	19
21 Acetonitrile	39	2.938	2.938	(0.574)	40084	400.000	450
22 Methylene Chloride	84	2.997	2.997	(0.586)	80380	20.0000	21
24 TBA	59	3.062	3.062	(0.598)	131446	400.000	370
28 MTBE	73	3.156	3.156	(0.617)	243314	20.0000	20
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.621)	79060	20.0000	21
26 Acrylonitrile	53	3.250	3.250	(0.635)	27700	20.0000	19
29 Hexane	56	3.332	3.332	(0.651)	47114	20.0000	20
27 Methyl Acetate	43	2.891	2.891	(0.565)	68227	20.0000	22
32 DIPE	45	3.544	3.544	(0.692)	188452	20.0000	18
30 1,1-Dichloroethane	63	3.567	3.567	(0.697)	136488	20.0000	22
31 Vinyl Acetate	43	3.585	3.585	(0.700)	297249	40.0000	48
33 Allyl Alcohol	57	3.596	3.596	(0.703)	179155	3000.00	3100
34 n-Propanol	42	3.643	3.643	(0.712)	53221	3000.00	3400
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.752)	98899	20.0000	19
37 2,2-Dichloropropane	77	4.049	4.049	(0.791)	133536	20.0000	23
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.797)	84144	20.0000	20
38 2-Butanone	72	4.102	4.102	(0.801)	10883	20.0000	22
39 Ethyl Acetate	70	4.102	4.102	(0.801)	20034	40.0000	37
173 Propionitrile	54	4.225	4.225	(0.826)	19980	40.0000	39
40 Bromochloromethane	128	4.296	4.296	(0.839)	44371	20.0000	23
41 Tetrahydrofuran	42	4.301	4.301	(0.840)	20888	20.0000	17
174 Methacrylonitrile	67	4.325	4.325	(0.845)	70297	40.0000	38
42 Chloroform	83	4.348	4.348	(0.850)	151874	20.0000	23
44 Cyclohexane	56	4.478	4.478	(0.875)	102850	20.0000	17
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.877)	139324	20.0000	24
45 Carbon Tetrachloride	117	4.607	4.607	(0.900)	116259	20.0000	25
46 1,1-Dichloropropene	75	4.642	4.642	(0.907)	93940	20.0000	20
181 Isobutyl Alcohol	43	4.766	4.766	(0.931)	364304	3000.00	2900
48 Benzene	78	4.836	4.836	(0.566)	311902	20.0000	23
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.948)	169962	50.0000	60
61 Isopropyl Acetate	43	4.901	4.901	(0.958)	329864	40.0000	39
50 t-Amyl-methyl-ether	73	4.901	4.901	(0.958)	211723	20.0000	19
49 1,2-Dichloroethane	62	4.924	4.924	(0.962)	125945	20.0000	24
51 n-Heptane	57	4.995	4.995	(0.976)	40726	20.0000	20
* 52 Fluorobenzene	96	5.118	5.118	(1.000)	610443	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.044)	50965	40.0000	36
53 n-Butanol	41	5.430	5.430	(1.061)	80355	1500.00	1500
54 Trichloroethene	95	5.471	5.471	(1.069)	83152	20.0000	21
56 Methyl cyclohexane	83	5.594	5.594	(1.093)	116302	20.0000	18
55 Ethyl Acrylate	55	5.594	5.594	(1.093)	185080	20.0000	19
57 1,2-Dichloropropane	63	5.753	5.753	(1.124)	69171	20.0000	20
59 Methyl Methacrylate	100	5.841	5.841	(1.141)	22901	20.0000	18
60 1,4-Dioxane	88	5.876	5.876	(1.148)	6571	150.000	160
58 Dibromomethane	93	5.882	5.882	(1.149)	55676	20.0000	24

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00772.d
 Report Date: 05-Apr-2013 20:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.900	5.900	(1.153)	94872	20.0000	18
68 Bromodichloromethane	83	6.035	6.035	(1.179)	112598	20.0000	23
62 2-Chloroethyl Vinyl Ether	63	6.376	6.376	(1.246)	42364	20.0000	16
63 Epichlorohydrin	57	6.475	6.475	(0.757)	149366	400.000	420
67 cis-1,3-Dichloropropene	75	6.528	6.528	(0.764)	125160	20.0000	22
70 4-Methyl-2-Pentanone	43	6.699	6.699	(0.784)	59706	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	421488	50.0000	55
66 Toluene	91	6.851	6.851	(0.801)	327594	20.0000	23
64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.842)	113608	20.0000	21
175 Ethyl methacrylate	69	7.239	7.239	(1.414)	90746	20.0000	17
69 1,1,2-Trichloroethane	83	7.416	7.416	(0.867)	59914	20.0000	22
71 Tetrachloroethene	166	7.457	7.457	(0.872)	85910	20.0000	24
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	117643	20.0000	22
73 2-Hexanone	43	7.692	7.692	(0.900)	39275	20.0000	18
76 Butyl Acetate	73	7.809	7.809	(0.913)	36796	40.0000	36
74 Dibromochloromethane	129	7.850	7.850	(0.918)	78439	20.0000	24
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	73317	20.0000	22
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	396215	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	200052	20.0000	21
81 Ethylbenzene	106	8.691	8.691	(1.016)	109490	20.0000	21
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	75822	20.0000	24
82 m+p-Xylene	106	8.855	8.855	(1.036)	252096	40.0000	38
83 Butyl Acrylate	73	9.337	9.337	(1.092)	46705	20.0000	16
84 o-Xylene	106	9.343	9.343	(1.093)	136441	20.0000	21
85 Styrene	104	9.372	9.372	(1.096)	243581	20.0000	22
86 Bromoform	173	9.584	9.584	(1.121)	53965	20.0000	23
87 Amyl Acetate	43	9.578	9.578	(0.887)	91748	20.0000	15
88 Isopropylbenzene	105	9.713	9.713	(1.136)	369039	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	187035	50.0000	49
90 Camphene (total)	41	9.913	9.913	(1.159)	24877	20.0000	19
91 Bromobenzene	156	10.013	10.013	(0.928)	96889	20.0000	19
92 1,1,2,2-Tetrachloroethane	83	10.060	10.060	(0.932)	98019	20.0000	18
95 n-Propylbenzene	91	10.083	10.083	(0.934)	447794	20.0000	18
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	35547	20.0000	20
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	23750	20.0000	17
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	320735	20.0000	20
183 4-Ethyltoluene	105	10.183	10.183	(1.990)	352316	20.0000	20
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	344902	20.0000	20
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	312845	20.0000	20
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	87925	20.0000	15
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	272372	20.0000	18
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.976)	353396	20.0000	19
102 2-Octanone	43	10.629	10.629	(0.985)	89429	20.0000	16
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	426807	20.0000	19
104 2-Octanol	45	10.665	10.665	(0.988)	15522	20.0000	9.6
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	375374	20.0000	19
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	198695	20.0000	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00772.d
 Report Date: 05-Apr-2013 20:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	259060	50.0000	
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	206897	20.0000	20
110 Benzyl Chloride	126	10.911	10.911	(1.011)	41364	20.0000	17
171 Indan	117	10.958	10.958	(2.141)	322840	20.0000	19
184 1,4-Diethylbenzene	119	11.000	11.000	(2.149)	205196	20.0000	19
106 n-Butylbenzene	91	11.017	11.017	(1.021)	430331	20.0000	19
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	200289	20.0000	20
186 1,2,4,5-Tetramethylbenzene	119	11.523	11.523	(2.251)	321755	20.0000	18
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	24240	20.0000	19
113 Camphor	95	12.122	12.122	(1.123)	44579	100.000	75
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.130)	150553	20.0000	20
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	74284	20.0000	22
116 Naphthalene	128	12.410	12.410	(1.150)	363775	20.0000	17
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	142063	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				163205	40.0000	41
M 121 Xylene (Total)	100				388538	60.0000	59

Data File: r00772.d

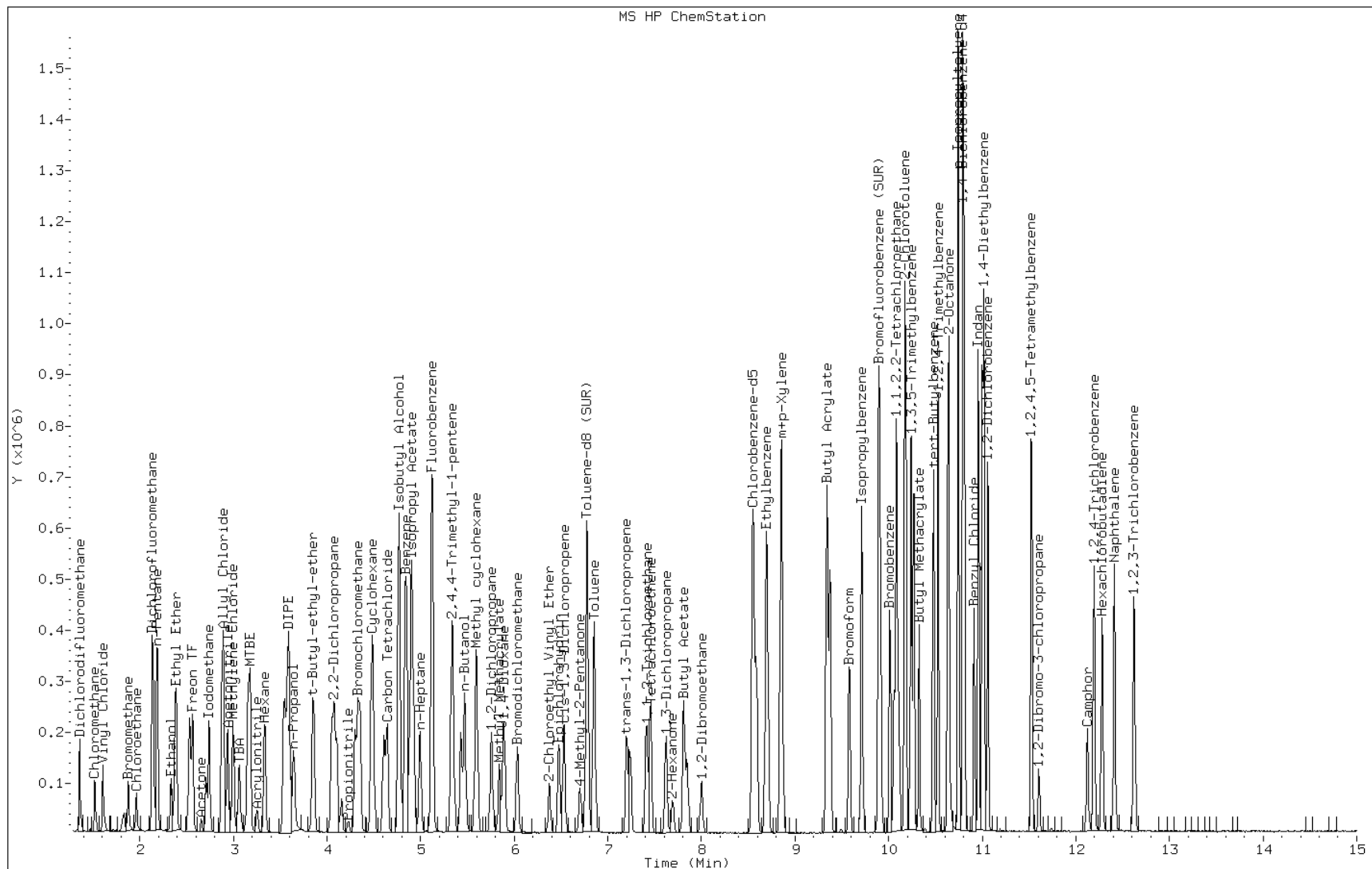
Date: 05-APR-2013 19:02

Client ID:

Instrument: VOAMS10.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154524/2 Calibration Date: 04/08/2013 07:36

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00852.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3387	0.3153		18.6	20.0	-6.9	50.0
Chloromethane	Ave	0.2861	0.2688	0.1000	18.8	20.0	-6.0	50.0
Vinyl chloride	LinF	0.3050	0.2724		20.8	20.0	3.8	20.0
Bromomethane	Ave	0.1500	0.1340		17.9	20.0	-10.6	50.0
Chloroethane	Ave	0.1779	0.1905		21.4	20.0	7.1	50.0
Dichlorofluoromethane	Ave	0.5094	0.5787		22.7	20.0	13.6	50.0
Trichlorofluoromethane	Ave	0.4801	0.5324		22.2	20.0	10.9	50.0
n-Pentane	Ave	0.0547	0.0386		28.2	40.0	-29.5	50.0
Ethanol	Ave	0.0008	0.0009		3490	3000	16.4	50.0
Ethyl ether	Ave	0.2117	0.2322		21.9	20.0	9.7	50.0
Isopropene	Ave	0.3545	0.2866		16.2	20.0	-19.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2721	0.2449		18.0	20.0	-10.0	50.0
Acrolein	Ave	0.0553	0.0410		29.7	40.0	-25.9	50.0
1,1-Dichloroethene	Ave	0.2436	0.2398		19.7	20.0	-1.5	20.0
Acetone	Ave	0.0319	0.0397		24.9	20.0	24.3	50.0
Iodomethane	Ave	0.2835	0.2425		17.1	20.0	-14.5	50.0
Carbon disulfide	Ave	0.9355	1.002		21.4	20.0	7.1	50.0
Allyl chloride	Ave	0.1619	0.1612		19.9	20.0	-0.4	50.0
Cyclopentene	Ave	0.7849	0.6715		17.1	20.0	-14.4	50.0
Methyl acetate	Ave	0.2550	0.3161		24.8	20.0	23.9	50.0
Acetonitrile	Ave	0.0073	0.0092		503	400	25.9	50.0
Methylene Chloride	Ave	0.3177	0.3376		21.3	20.0	6.3	50.0
TBA	Ave	0.0289	0.0297		411	400	2.8	50.0
Methyl tert-butyl ether	Ave	0.9822	1.040		21.2	20.0	5.9	50.0
trans-1,2-Dichloroethene	Ave	0.3091	0.3286		21.3	20.0	6.3	50.0
Acrylonitrile	Ave	0.1203	0.1245		20.7	20.0	3.5	50.0
Hexane	Ave	0.1948	0.1459		15.0	20.0	-25.1	50.0
DIPE	Ave	0.8601	0.8374		19.5	20.0	-2.6	50.0
1,1-Dichloroethane	Ave	0.5142	0.5650	0.1000	22.0	20.0	9.9	50.0
Vinyl acetate	LinF	0.6412	0.6374		50.6	40.0	26.6	50.0
Allyl alcohol	Ave	0.0047	0.0047		3050	3000	1.6	50.0
Tert-butyl ethyl ether	Ave	0.4201	0.4283		20.4	20.0	1.9	50.0
2,2-Dichloropropane	Ave	0.4703	0.5230		22.2	20.0	11.2	50.0
cis-1,2-Dichloroethene	Ave	0.3445	0.3454		20.1	20.0	0.3	50.0
2-Butanone	Ave	0.0413	0.0467		22.6	20.0	13.0	50.0
Ethyl acetate	Ave	0.0444	0.0447		40.2	40.0	0.5	50.0
Propionitrile	Ave	0.0417	0.0461		44.3	40.0	10.7	50.0
Bromochloromethane	Ave	0.1592	0.1772		22.3	20.0	11.3	50.0
Tetrahydrofuran	Ave	0.0997	0.0945		19.0	20.0	-5.2	50.0
Methacrylonitrile	Ave	0.1519	0.1597		42.0	40.0	5.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154524/2 Calibration Date: 04/08/2013 07:36

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00852.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	0.5315	0.6372		24.0	20.0	19.9	20.0
Cyclohexane	Ave	0.4835	0.3408		14.1	20.0	-29.5	50.0
1,1,1-Trichloroethane	Ave	0.4728	0.5541		23.4	20.0	17.2	50.0
Carbon tetrachloride	Ave	0.3792	0.4360		23.0	20.0	15.0	50.0
1,1-Dichloropropene	Ave	0.3875	0.3561		18.4	20.0	-8.1	50.0
Isobutyl alcohol	Ave	0.0103	0.0099		2890	3000	-3.6	50.0
Benzene	Ave	1.683	2.070		24.6	20.0	23.0	50.0
Isopropyl acetate	Ave	0.6885	0.7498		43.6	40.0	8.9	50.0
Tert-amyl methyl ether	Ave	0.8909	0.9424		21.2	20.0	5.8	50.0
1,2-Dichloroethane	Ave	0.4355	0.5557		25.5	20.0	27.6	50.0
n-Heptane	Ave	0.1691	0.1143		13.5	20.0	-32.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1162	0.0742		25.5	40.0	-36.2	50.0
n-Butanol	Ave	0.0045	0.0044		1470	1500	-2.3	50.0
Trichloroethene	Ave	0.3169	0.3372		21.3	20.0	6.4	50.0
Ethyl acrylate	Ave	0.7890	0.7178		18.2	20.0	-9.0	50.0
Methylcyclohexane	Ave	0.5374	0.3878		14.4	20.0	-27.8	50.0
1,2-Dichloropropane	Ave	0.2879	0.2857		19.8	20.0	-0.8	20.0
Methyl methacrylate	Ave	0.1059	0.0919		17.4	20.0	-13.2	50.0
1,4-Dioxane	Ave	0.0033	0.0034		155	150	3.4	50.0
Dibromomethane	Ave	0.1932	0.2250		23.3	20.0	16.4	50.0
Propyl acetate	Ave	0.4353	0.4231		19.4	20.0	-2.8	50.0
Bromodichloromethane	Ave	0.4022	0.4762		23.7	20.0	18.4	50.0
2-Chloroethyl vinyl ether	Ave	0.2145	0.1888		17.6	20.0	-12.0	50.0
Epichlorohydrin	Ave	0.0443	0.0558		503	400	25.9	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.8475		23.7	20.0	18.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3922	0.4417		22.5	20.0	12.6	50.0
Toluene	Ave	1.827	2.072		22.7	20.0	13.4	20.0
trans-1,3-Dichloropropene	Ave	0.6687	0.7083		21.2	20.0	5.9	50.0
Ethyl methacrylate	Ave	0.4273	0.3734		17.5	20.0	-12.6	50.0
1,1,2-Trichloroethane	Ave	0.3386	0.3681		21.7	20.0	8.7	50.0
Tetrachloroethene	Ave	0.4569	0.4713		20.6	20.0	3.1	50.0
1,3-Dichloropropane	Ave	0.6841	0.7412		21.7	20.0	8.3	50.0
2-Hexanone	Ave	0.2745	0.2692		19.6	20.0	-2.0	50.0
Butyl acetate	Ave	0.1297	0.1291		39.8	40.0	-0.4	50.0
Dibromochloromethane	Ave	0.4115	0.5350		26.0	20.0	30.0	50.0
1,2-Dibromoethane	Ave	0.4210	0.4534		21.5	20.0	7.7	50.0
Chlorobenzene	Ave	1.214	1.310	0.3000	21.6	20.0	7.9	50.0
Ethylbenzene	Ave	0.6667	0.6573		19.7	20.0	-1.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4069	0.4968		24.4	20.0	22.1	50.0
m&p-Xylene	Ave	0.8331	0.8700		41.8	40.0	4.4	50.0
Butyl acrylate	Ave	0.3583	0.3425		19.1	20.0	-4.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154524/2 Calibration Date: 04/08/2013 07:36

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00852.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
o-Xylene	Ave	0.8336	0.8369		20.1	20.0	0.4	50.0
Styrene	Ave	1.418	1.548		21.8	20.0	9.2	50.0
Amly acetate	Ave	1.166	0.9318		16.0	20.0	-20.1	50.0
Bromoform	Ave	0.2916	0.3699	0.1000	25.4	20.0	26.9	50.0
Isopropylbenzene	Ave	2.083	2.076		19.9	20.0	-0.4	50.0
Camphene, Total	Ave	0.1683	0.1505		17.9	20.0	-10.6	50.0
Monobromobenzene	Ave	0.9812	0.9030		18.4	20.0	-8.0	50.0
1,1,2,2-Tetrachloroethane	Ave	1.025	0.9559	0.3000	18.7	20.0	-6.7	50.0
N-Propylbenzene	Ave	4.665	3.750		16.1	20.0	-19.6	50.0
1,2,3-Trichloropropane	Ave	0.3360	0.3439		20.5	20.0	2.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2754	0.2762		20.1	20.0	0.3	50.0
2-Chlorotoluene	Ave	3.119	2.961		19.0	20.0	-5.1	50.0
p-Ethyltoluene	Ave	1.455	1.486		20.4	20.0	2.1	50.0
1,3,5-Trimethylbenzene	Ave	3.294	2.949		17.9	20.0	-10.5	50.0
4-Chlorotoluene	Ave	2.936	2.811		19.1	20.0	-4.3	50.0
Butyl Methacrylate	Ave	1.107	0.9510		17.2	20.0	-14.1	50.0
tert-Butylbenzene	Ave	2.858	2.278		15.9	20.0	-20.3	50.0
1,2,4-Trimethylbenzene	Ave	3.562	3.076		17.3	20.0	-13.7	50.0
2-Octanone	Ave	1.045	0.9853		18.9	20.0	-5.7	50.0
sec-Butylbenzene	Ave	4.381	3.309		15.1	20.0	-24.5	50.0
2-Octanol	Ave	0.3111	0.1509		9.70	20.0	-51.5*	50.0
1,3-Dichlorobenzene	Ave	1.907	1.755		18.4	20.0	-7.9	50.0
p-Isopropyltoluene	Ave	3.770	2.900		15.4	20.0	-23.1	50.0
1,4-Dichlorobenzene	Ave	1.967	1.928		19.6	20.0	-2.0	50.0
Benzyl chloride	Ave	0.4802	0.4443		18.5	20.0	-7.5	50.0
Indan	Ave	1.367	1.351		19.8	20.0	-1.1	50.0
1,4-Diethylbenzene	Ave	0.8837	0.8737		19.8	20.0	-1.1	50.0
n-Butylbenzene	Ave	4.287	3.463		16.2	20.0	-19.2	50.0
1,2-Dichlorobenzene	Ave	1.885	1.768		18.8	20.0	-6.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.478	1.305		17.7	20.0	-11.7	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2442	0.2393		19.6	20.0	-2.0	50.0
Camphor	Ave	0.1148	0.0892		77.7	100	-22.3	50.0
1,2,4-Trichlorobenzene	Ave	1.449	1.292		17.8	20.0	-10.9	50.0
Hexachlorobutadiene	Ave	0.6515	0.5192		15.9	20.0	-20.3	50.0
Naphthalene	Ave	4.079	3.194		15.7	20.0	-21.7	50.0
1,2,3-Trichlorobenzene	Ave	1.398	1.158		16.6	20.0	-17.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2310	0.2856		61.8	50.0	23.6	50.0
Toluene-d8 (Surr)	Ave	0.9715	1.078		55.5	50.0	10.9	50.0
4-Bromofluorobenzene	Ave	0.7423	0.6892		46.4	50.0	-7.1	50.0

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00852.d
 Report Date: 08-Apr-2013 08:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00852.d
 Lab Smp Id: CCVIS
 Inj Date : 08-APR-2013 07:36
 Operator : Inst ID: VOAMS10.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/8260_09.m
 Meth Date : 08-Apr-2013 08:52 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 22 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	70542	20.0000	19
3 Chloromethane	50	1.516	1.516	(0.296)	60148	20.0000	19
4 Vinyl Chloride	62	1.604	1.604	(0.313)	60948	20.0000	21
6 Bromomethane	94	1.869	1.869	(0.365)	29987	20.0000	18
5 Chloroethane	64	1.957	1.957	(0.382)	42623	20.0000	21
182 Dichlorofluoromethane	67	2.127	2.127	(0.415)	129494	20.0000	23
7 Trichlorofluoromethane	101	2.133	2.133	(0.416)	119119	20.0000	22
8 n-Pentane	72	2.180	2.180	(0.426)	17269	40.0000	28
9 Ethanol	46	2.339	2.339	(0.456)	31577	3000.00	3500
11 Ethyl Ether	59	2.374	2.374	(0.463)	51960	20.0000	22
10 Isoprene	67	2.386	2.386	(0.466)	64127	20.0000	16
14 Freon TF	101	2.533	2.533	(0.494)	54797	20.0000	18
13 Acrolein	56	2.533	2.533	(0.494)	18350	40.0000	30
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	53660	20.0000	20
16 Acetone	58	2.650	2.650	(0.517)	8879	20.0000	25
17 Iodomethane	142	2.709	2.709	(0.529)	54260	20.0000	17

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00852.d
 Report Date: 08-Apr-2013 08:52

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	224099	20.0000	21
20 Allyl Chloride	76	2.874	2.874	(0.561)	36070	20.0000	20
170 Cyclopentene	67	2.891	2.891	(0.564)	150253	20.0000	17
21 Acetonitrile	39	2.938	2.938	(0.573)	41093	400.000	500
22 Methylene Chloride	84	2.991	2.991	(0.584)	75538	20.0000	21
24 TBA	59	3.067	3.067	(0.599)	132746	400.000	410
28 MTBE	73	3.156	3.156	(0.616)	232717	20.0000	21
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	73516	20.0000	21
26 Acrylonitrile	53	3.250	3.250	(0.634)	27867	20.0000	21
29 Hexane	56	3.332	3.332	(0.650)	32654	20.0000	15
27 Methyl Acetate	43	2.891	2.891	(0.564)	70721	20.0000	25
32 DIPE	45	3.543	3.543	(0.692)	187365	20.0000	19
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	126414	20.0000	22
31 Vinyl Acetate	43	3.584	3.584	(0.700)	285230	40.0000	51
33 Allyl Alcohol	57	3.596	3.596	(0.702)	158887	3000.00	3000
34 n-Propanol	42	3.643	3.643	(0.711)	46672	3000.00	3200
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.751)	95829	20.0000	20
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	117024	20.0000	22
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	77293	20.0000	20
38 2-Butanone	72	4.096	4.096	(0.799)	10441	20.0000	22
39 Ethyl Acetate	70	4.102	4.102	(0.800)	19983	40.0000	40
173 Propionitrile	54	4.225	4.225	(0.825)	20631	40.0000	44
40 Bromochloromethane	128	4.295	4.295	(0.838)	39646	20.0000	22
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	21139	20.0000	19
174 Methacrylonitrile	67	4.325	4.325	(0.844)	71448	40.0000	42
42 Chloroform	83	4.348	4.348	(0.849)	142572	20.0000	24
44 Cyclohexane	56	4.472	4.472	(0.873)	76263	20.0000	14
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	123982	20.0000	23
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	97556	20.0000	23
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	79683	20.0000	18
181 Isobutyl Alcohol	43	4.771	4.771	(0.931)	333388	3000.00	2900
48 Benzene	78	4.836	4.836	(0.566)	284578	20.0000	25
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.946)	159752	50.0000	62
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	335545	40.0000	44
50 t-Amyl-methyl-ether	73	4.907	4.907	(0.958)	210872	20.0000	21
49 1,2-Dichloroethane	62	4.930	4.930	(0.962)	124336	20.0000	26
51 n-Heptane	57	4.995	4.995	(0.975)	25581	20.0000	14
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	559379	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	33181	40.0000	26
53 n-Butanol	41	5.429	5.429	(1.060)	73419	1500.00	1500
54 Trichloroethene	95	5.471	5.471	(1.068)	75439	20.0000	21
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	86764	20.0000	14
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	160609	20.0000	18
57 1,2-Dichloropropane	63	5.758	5.758	(1.124)	63919	20.0000	20
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	20564	20.0000	17
60 1,4-Dioxane	88	5.876	5.876	(1.147)	5711	150.000	160
58 Dibromomethane	93	5.882	5.882	(1.148)	50337	20.0000	23

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00852.d
 Report Date: 08-Apr-2013 08:52

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.899	5.899	(1.151)	94674	20.0000	19
68 Bromodichloromethane	83	6.035	6.035	(1.178)	106556	20.0000	24
62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.244)	42248	20.0000	18
63 Epichlorohydrin	57	6.475	6.475	(0.757)	153304	400.000	500
67 cis-1,3-Dichloropropene	75	6.528	6.528	(0.764)	116517	20.0000	24
70 4-Methyl-2-Pentanone	43	6.704	6.704	(0.784)	60733	20.0000	22
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	370411	50.0000	55
66 Toluene	91	6.851	6.851	(0.801)	284915	20.0000	23
64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.842)	97375	20.0000	21
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	83548	20.0000	17
69 1,1,2-Trichloroethane	83	7.410	7.410	(0.867)	50611	20.0000	22
71 Tetrachloroethene	166	7.451	7.451	(0.871)	64796	20.0000	21
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	101911	20.0000	22
73 2-Hexanone	43	7.692	7.692	(0.900)	37008	20.0000	20
76 Butyl Acetate	73	7.809	7.809	(0.913)	35491	40.0000	40
74 Dibromochloromethane	129	7.844	7.844	(0.918)	73555	20.0000	26
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	62332	20.0000	22
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	343719	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	180144	20.0000	22
81 Ethylbenzene	106	8.690	8.690	(1.016)	90373	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	68301	20.0000	24
82 m+p-Xylene	106	8.855	8.855	(1.036)	239222	40.0000	42
83 Butyl Acrylate	73	9.337	9.337	(1.092)	47082	20.0000	19
84 o-Xylene	106	9.343	9.343	(1.093)	115057	20.0000	20
85 Styrene	104	9.372	9.372	(1.096)	212789	20.0000	22
86 Bromoform	173	9.583	9.583	(1.121)	50861	20.0000	25
87 Amyl Acetate	43	9.578	9.578	(0.887)	87572	20.0000	16
88 Isopropylbenzene	105	9.713	9.713	(1.136)	285394	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	161948	50.0000	46
90 Camphene (total)	41	9.912	9.912	(1.159)	20686	20.0000	18
91 Bromobenzene	156	10.012	10.012	(0.928)	84863	20.0000	18
92 1,1,2,2-Tetrachloroethane	83	10.059	10.059	(0.932)	89834	20.0000	19
95 n-Propylbenzene	91	10.083	10.083	(0.934)	352387	20.0000	16
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	32322	20.0000	20
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	25956	20.0000	20
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	278268	20.0000	19
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	332541	20.0000	20
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	277166	20.0000	18
98 4-Chlorotoluene	91	10.265	10.265	(0.951)	264140	20.0000	19
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	89369	20.0000	17
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	214043	20.0000	16
101 1,2,4-Trimethylbenzene	105	10.529	10.529	(0.976)	289057	20.0000	17
102 2-Octanone	43	10.629	10.629	(0.985)	92592	20.0000	19
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	310944	20.0000	15
104 2-Octanol	45	10.665	10.665	(0.988)	14178	20.0000	9.7
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	272553	20.0000	15
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	164942	20.0000	18

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00852.d
 Report Date: 08-Apr-2013 08:52

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	234945	50.0000	
109 1,4-Dichlorobenzene	146	10.811	10.811	(1.002)	181203	20.0000	20
110 Benzyl Chloride	126	10.911	10.911	(1.011)	41758	20.0000	18
171 Indan	117	10.958	10.958	(2.139)	302345	20.0000	20
184 1,4-Diethylbenzene	119	10.999	10.999	(2.147)	195481	20.0000	20
106 n-Butylbenzene	91	11.017	11.017	(1.021)	325413	20.0000	16
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	166151	20.0000	19
186 1,2,4,5-Tetramethylbenzene	119	11.522	11.522	(2.249)	291957	20.0000	18
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	22490	20.0000	20
113 Camphor	95	12.122	12.122	(1.123)	41892	100.000	78
114 1,2,4-Trichlorobenzene	180	12.198	12.198	(1.130)	121413	20.0000	18
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	48790	20.0000	16
116 Naphthalene	128	12.410	12.410	(1.150)	300162	20.0000	16
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	108785	20.0000	16
M 120 1,2-Dichloroethene (Total)	100				150810	40.0000	41
M 121 Xylene (Total)	100				354279	60.0000	62

Data File: r00852.d

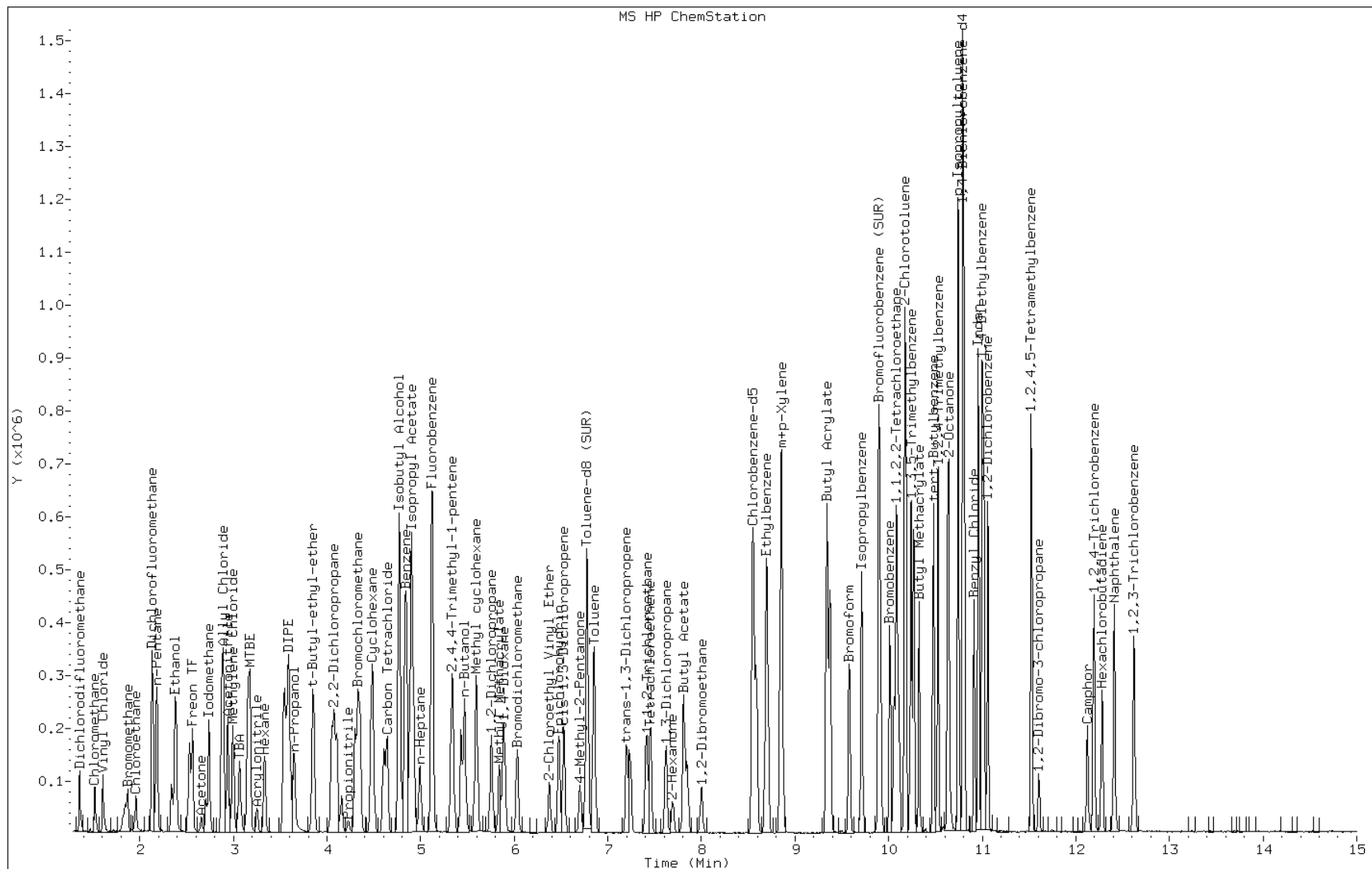
Date: 08-APR-2013 07:36

Client ID:

Instrument: VOAMS10.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154820/2 Calibration Date: 04/09/2013 20:26

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00933.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3387	0.3871		22.9	20.0	14.3	50.0
Chloromethane	Ave	0.2861	0.2455	0.1000	17.2	20.0	-14.2	50.0
Vinyl chloride	LinF	0.3050	0.2771		21.1	20.0	5.6	20.0
Bromomethane	Ave	0.1500	0.1244		16.6	20.0	-17.1	50.0
Chloroethane	Ave	0.1779	0.1821		20.5	20.0	2.4	50.0
Dichlorofluoromethane	Ave	0.5094	0.4671		18.3	20.0	-8.3	50.0
Trichlorofluoromethane	Ave	0.4801	0.5748		23.9	20.0	19.7	50.0
n-Pentane	Ave	0.0547	0.0448		32.8	40.0	-18.1	50.0
Ethanol	Ave	0.0008	0.0008		2990	3000	-0.4	50.0
Ethyl ether	Ave	0.2117	0.1913		18.1	20.0	-9.7	50.0
Isopropene	Ave	0.3545	0.2932		16.5	20.0	-17.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2721	0.2690		19.8	20.0	-1.1	50.0
Acrolein	Ave	0.0553	0.0289		20.9	40.0	-47.8	50.0
1,1-Dichloroethene	Ave	0.2436	0.2270		18.6	20.0	-6.8	20.0
Acetone	Ave	0.0319	0.0275		17.2	20.0	-14.0	50.0
Iodomethane	Ave	0.2835	0.2191		15.5	20.0	-22.7	50.0
Carbon disulfide	Ave	0.9355	0.8771		18.8	20.0	-6.2	50.0
Allyl chloride	Ave	0.1619	0.1286		15.9	20.0	-20.5	50.0
Cyclopentene	Ave	0.7849	0.6472		16.5	20.0	-17.5	50.0
Methyl acetate	Ave	0.2550	0.2437		19.1	20.0	-4.5	50.0
Acetonitrile	Ave	0.0073	0.0073		398	400	-0.4	50.0
Methylene Chloride	Ave	0.3177	0.2995		18.9	20.0	-5.7	50.0
TBA	Ave	0.0289	0.0198		274	400	-31.6	50.0
Methyl tert-butyl ether	Ave	0.9822	0.7669		15.6	20.0	-21.9	50.0
trans-1,2-Dichloroethene	Ave	0.3091	0.2813		18.2	20.0	-9.0	50.0
Acrylonitrile	Ave	0.1203	0.1054		17.5	20.0	-12.4	50.0
Hexane	Ave	0.1948	0.1664		17.1	20.0	-14.6	50.0
DIPE	Ave	0.8601	0.6367		14.8	20.0	-26.0	50.0
1,1-Dichloroethane	Ave	0.5142	0.4807	0.1000	18.7	20.0	-6.5	50.0
Vinyl acetate	LinF	0.6412	0.5109		40.6	40.0	1.4	50.0
Allyl alcohol	Ave	0.0047	0.0041		2630	3000	-12.4	50.0
Tert-butyl ethyl ether	Ave	0.4201	0.3237		15.4	20.0	-23.0	50.0
2,2-Dichloropropane	Ave	0.4703	0.4119		17.5	20.0	-12.4	50.0
cis-1,2-Dichloroethene	Ave	0.3445	0.2996		17.4	20.0	-13.0	50.0
2-Butanone	Ave	0.0413	0.0359		17.4	20.0	-13.1	50.0
Ethyl acetate	Ave	0.0444	0.0347		31.2	40.0	-22.0	50.0
Propionitrile	Ave	0.0417	0.0350		33.6	40.0	-15.9	50.0
Bromochloromethane	Ave	0.1592	0.1570		19.7	20.0	-1.4	50.0
Tetrahydrofuran	Ave	0.0997	0.0733		14.7	20.0	-26.5	50.0
Methacrylonitrile	Ave	0.1519	0.1257		33.1	40.0	-17.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154820/2 Calibration Date: 04/09/2013 20:26

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00933.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	0.5315	0.5213		19.6	20.0	-1.9	20.0
Cyclohexane	Ave	0.4835	0.3725		15.4	20.0	-23.0	50.0
1,1,1-Trichloroethane	Ave	0.4728	0.4462		18.9	20.0	-5.6	50.0
Carbon tetrachloride	Ave	0.3792	0.3749		19.8	20.0	-1.2	50.0
1,1-Dichloropropene	Ave	0.3875	0.2985		15.4	20.0	-23.0	50.0
Isobutyl alcohol	Ave	0.0103	0.0086		2500	3000	-16.6	50.0
Benzene	Ave	1.683	1.703		20.2	20.0	1.2	50.0
Isopropyl acetate	Ave	0.6885	0.5420		31.5	40.0	-21.3	50.0
Tert-amyl methyl ether	Ave	0.8909	0.7170		16.1	20.0	-19.5	50.0
1,2-Dichloroethane	Ave	0.4355	0.4238		19.5	20.0	-2.7	50.0
n-Heptane	Ave	0.1691	0.1324		15.7	20.0	-21.7	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1162	0.0882		30.3	40.0	-24.2	50.0
n-Butanol	Ave	0.0045	0.0038		1270	1500	-15.2	50.0
Trichloroethene	Ave	0.3169	0.2939		18.6	20.0	-7.2	50.0
Ethyl acrylate	Ave	0.7890	0.6483		16.4	20.0	-17.8	50.0
Methylcyclohexane	Ave	0.5374	0.4319		16.1	20.0	-19.6	50.0
1,2-Dichloropropane	Ave	0.2879	0.2470		17.2	20.0	-14.2	20.0
Methyl methacrylate	Ave	0.1059	0.0738		13.9	20.0	-30.4	50.0
1,4-Dioxane	Ave	0.0033	0.0033		149	150	-0.4	50.0
Dibromomethane	Ave	0.1932	0.1906		19.7	20.0	-1.3	50.0
Propyl acetate	Ave	0.4353	0.3189		14.7	20.0	-26.7	50.0
Bromodichloromethane	Ave	0.4022	0.3897		19.4	20.0	-3.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2145	0.1313		12.2	20.0	-38.8	50.0
Epichlorohydrin	Ave	0.0443	0.0374		338	400	-15.6	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.6442		18.0	20.0	-9.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3922	0.2817		14.4	20.0	-28.2	50.0
Toluene	Ave	1.827	1.750		19.2	20.0	-4.2	20.0
trans-1,3-Dichloropropene	Ave	0.6687	0.5509		16.5	20.0	-17.6	50.0
Ethyl methacrylate	Ave	0.4273	0.3050		14.3	20.0	-28.6	50.0
1,1,2-Trichloroethane	Ave	0.3386	0.3284		19.4	20.0	-3.0	50.0
Tetrachloroethene	Ave	0.4569	0.4458		19.5	20.0	-2.4	50.0
1,3-Dichloropropane	Ave	0.6841	0.6327		18.5	20.0	-7.5	50.0
2-Hexanone	Ave	0.2745	0.1884		13.7	20.0	-31.4	50.0
Butyl acetate	Ave	0.1297	0.1006		31.0	40.0	-22.4	50.0
Dibromochloromethane	Ave	0.4115	0.4605		22.4	20.0	11.9	50.0
1,2-Dibromoethane	Ave	0.4210	0.4077		19.4	20.0	-3.2	50.0
Chlorobenzene	Ave	1.214	1.174	0.3000	19.3	20.0	-3.3	50.0
Ethylbenzene	Ave	0.6667	0.5867		17.6	20.0	-12.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4069	0.4315		21.2	20.0	6.0	50.0
m&p-Xylene	Ave	0.8331	0.7838		37.6	40.0	-5.9	50.0
Butyl acrylate	Ave	0.3583	0.2548		14.2	20.0	-28.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Lab Sample ID: CCVIS 460-154820/2 Calibration Date: 04/09/2013 20:26

Instrument ID: VOAMS10 Calib Start Date: 03/21/2013 13:53

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/21/2013 16:01

Lab File ID: r00933.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
o-Xylene	Ave	0.8336	0.7640		18.3	20.0	-8.4	50.0
Styrene	Ave	1.418	1.385		19.5	20.0	-2.3	50.0
Amly acetate	Ave	1.166	0.6606		11.3	20.0	-43.3	50.0
Bromoform	Ave	0.2916	0.3301	0.1000	22.6	20.0	13.2	50.0
Isopropylbenzene	Ave	2.083	1.960		18.8	20.0	-5.9	50.0
Camphene, Total	Ave	0.1683	0.1346		16.0	20.0	-20.0	50.0
Monobromobenzene	Ave	0.9812	0.8398		17.1	20.0	-14.4	50.0
1,1,2,2-Tetrachloroethane	Ave	1.025	0.8806	0.3000	17.2	20.0	-14.1	50.0
N-Propylbenzene	Ave	4.665	3.681		15.8	20.0	-21.1	50.0
1,2,3-Trichloropropane	Ave	0.3360	0.2998		17.8	20.0	-10.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2754	0.1851		13.4	20.0	-32.8	50.0
2-Chlorotoluene	Ave	3.119	2.688		17.2	20.0	-13.8	50.0
p-Ethyltoluene	Ave	1.455	1.379		19.0	20.0	-5.2	50.0
1,3,5-Trimethylbenzene	Ave	3.294	2.862		17.4	20.0	-13.1	50.0
4-Chlorotoluene	Ave	2.936	2.587		17.6	20.0	-11.9	50.0
Butyl Methacrylate	Ave	1.107	0.7858		14.2	20.0	-29.0	50.0
tert-Butylbenzene	Ave	2.858	2.279		16.0	20.0	-20.2	50.0
1,2,4-Trimethylbenzene	Ave	3.562	2.983		16.7	20.0	-16.3	50.0
2-Octanone	Ave	1.045	0.6701		12.8	20.0	-35.9	50.0
sec-Butylbenzene	Ave	4.381	3.728		17.0	20.0	-14.9	50.0
2-Octanol	Ave	0.3111	0.1437		9.24	20.0	-53.8*	50.0
1,3-Dichlorobenzene	Ave	1.907	1.795		18.8	20.0	-5.8	50.0
p-Isopropyltoluene	Ave	3.770	3.106		16.5	20.0	-17.6	50.0
1,4-Dichlorobenzene	Ave	1.967	1.837		18.7	20.0	-6.6	50.0
Benzyl chloride	Ave	0.4802	0.3483		14.5	20.0	-27.5	50.0
Indan	Ave	1.367	1.264		18.5	20.0	-7.5	50.0
1,4-Diethylbenzene	Ave	0.8837	0.8372		18.9	20.0	-5.3	50.0
n-Butylbenzene	Ave	4.287	3.687		17.2	20.0	-14.0	50.0
1,2-Dichlorobenzene	Ave	1.885	1.729		18.4	20.0	-8.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.478	1.193		16.1	20.0	-19.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2442	0.1807		14.8	20.0	-26.0	50.0
Camphor	Ave	0.1148	0.0665		57.9	100	-42.1	50.0
1,2,4-Trichlorobenzene	Ave	1.449	1.288		17.8	20.0	-11.2	50.0
Hexachlorobutadiene	Ave	0.6515	0.5922		18.2	20.0	-9.1	50.0
Naphthalene	Ave	4.079	2.832		13.9	20.0	-30.6	50.0
1,2,3-Trichlorobenzene	Ave	1.398	1.141		16.3	20.0	-18.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2310	0.2458		53.2	50.0	6.4	50.0
Toluene-d8 (Surr)	Ave	0.9715	1.004		51.7	50.0	3.4	50.0
4-Bromofluorobenzene	Ave	0.7423	0.6866		46.3	50.0	-7.5	50.0

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00933.d
 Report Date: 09-Apr-2013 22:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00933.d
 Lab Smp Id: CCVIS
 Inj Date : 09-APR-2013 20:26
 Operator : Inst ID: VOAMS10.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/8260_09.m
 Meth Date : 09-Apr-2013 22:29 ken Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 22 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	127703	20.0000	23
3 Chloromethane	50	1.516	1.516	(0.296)	80981	20.0000	17
4 Vinyl Chloride	62	1.604	1.604	(0.313)	91403	20.0000	21
6 Bromomethane	94	1.887	1.887	(0.368)	41024	20.0000	16
5 Chloroethane	64	1.969	1.969	(0.384)	60067	20.0000	20
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	154101	20.0000	18
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	189626	20.0000	24
8 n-Pentane	72	2.186	2.186	(0.427)	29574	40.0000	33
9 Ethanol	46	2.327	2.327	(0.454)	39841	3000.00	3000
11 Ethyl Ether	59	2.374	2.374	(0.463)	63105	20.0000	18
10 Isoprene	67	2.392	2.392	(0.467)	96741	20.0000	16
14 Freon TF	101	2.527	2.527	(0.493)	88737	20.0000	20
13 Acrolein	56	2.539	2.539	(0.495)	19062	40.0000	21
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	74894	20.0000	19
16 Acetone	58	2.656	2.656	(0.518)	9060	20.0000	17
17 Iodomethane	142	2.709	2.709	(0.529)	72278	20.0000	15

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00933.d
 Report Date: 09-Apr-2013 22:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	289353	20.0000	19
20 Allyl Chloride	76	2.874	2.874	(0.561)	42429	20.0000	16
170 Cyclopentene	67	2.891	2.891	(0.564)	213500	20.0000	16
21 Acetonitrile	39	2.938	2.938	(0.573)	47929	400.000	400
22 Methylene Chloride	84	2.997	2.997	(0.585)	98806	20.0000	19
24 TBA	59	3.056	3.056	(0.596)	130311	400.000	270
28 MTBE	73	3.156	3.156	(0.616)	253012	20.0000	16
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	92814	20.0000	18
26 Acrylonitrile	53	3.250	3.250	(0.634)	34765	20.0000	18
29 Hexane	56	3.338	3.338	(0.651)	54910	20.0000	17
27 Methyl Acetate	43	2.891	2.891	(0.564)	80382	20.0000	19
32 DIPE	45	3.538	3.538	(0.690)	210035	20.0000	15
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	158587	20.0000	19
31 Vinyl Acetate	43	3.585	3.585	(0.700)	337093	40.0000	40
33 Allyl Alcohol	57	3.590	3.590	(0.701)	201880	3000.00	2600
34 n-Propanol	42	3.637	3.637	(0.710)	57012	3000.00	2700
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	106783	20.0000	15
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	135890	20.0000	18
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	98840	20.0000	17
38 2-Butanone	72	4.096	4.096	(0.799)	11844	20.0000	17
39 Ethyl Acetate	70	4.107	4.107	(0.802)	22872	40.0000	31
173 Propionitrile	54	4.225	4.225	(0.825)	23108	40.0000	34
40 Bromochloromethane	128	4.296	4.296	(0.838)	51801	20.0000	20
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	24182	20.0000	15
174 Methacrylonitrile	67	4.325	4.325	(0.844)	82946	40.0000	33
42 Chloroform	83	4.348	4.348	(0.849)	171967	20.0000	20
44 Cyclohexane	56	4.478	4.478	(0.874)	122872	20.0000	15
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	147195	20.0000	19
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	123665	20.0000	20
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	98486	20.0000	15
181 Isobutyl Alcohol	43	4.766	4.766	(0.930)	425040	3000.00	2500
48 Benzene	78	4.836	4.836	(0.566)	374675	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	202771	50.0000	53
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	357597	40.0000	31
50 t-Amyl-methyl-ether	73	4.901	4.901	(0.956)	236524	20.0000	16
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	139797	20.0000	19
51 n-Heptane	57	4.995	4.995	(0.975)	43662	20.0000	16
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	824749	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	58163	40.0000	30
53 n-Butanol	41	5.424	5.424	(1.058)	93984	1500.00	1300
54 Trichloroethene	95	5.471	5.471	(1.068)	96961	20.0000	18
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	142467	20.0000	16
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	213871	20.0000	16
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	81499	20.0000	17
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	24337	20.0000	14
60 1,4-Dioxane	88	5.876	5.876	(1.147)	8114	150.000	150
58 Dibromomethane	93	5.882	5.882	(1.148)	62885	20.0000	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00933.d
 Report Date: 09-Apr-2013 22:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.900	5.900	(1.151)	105198	20.0000	15
68 Bromodichloromethane	83	6.029	6.029	(1.177)	128574	20.0000	19
62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.244)	43298	20.0000	12
63 Epichlorohydrin	57	6.475	6.475	(0.757)	164561	400.000	340
67 cis-1,3-Dichloropropene	75	6.528	6.528	(0.764)	141774	20.0000	18
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	61988	20.0000	14
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	552650	50.0000	52
66 Toluene	91	6.851	6.851	(0.801)	385131	20.0000	19
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	121248	20.0000	16
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	100634	20.0000	14
69 1,1,2-Trichloroethane	83	7.415	7.415	(0.867)	72276	20.0000	19
71 Tetrachloroethene	166	7.451	7.451	(0.871)	98105	20.0000	20
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	139233	20.0000	18
73 2-Hexanone	43	7.697	7.697	(0.900)	41453	20.0000	14
76 Butyl Acetate	73	7.809	7.809	(0.913)	44262	40.0000	31
74 Dibromochloromethane	129	7.844	7.844	(0.918)	101353	20.0000	22
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	89727	20.0000	19
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	550183	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	258422	20.0000	19
81 Ethylbenzene	106	8.696	8.696	(1.017)	129122	20.0000	18
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	94970	20.0000	21
82 m+p-Xylene	106	8.855	8.855	(1.036)	345000	40.0000	38
83 Butyl Acrylate	73	9.337	9.337	(1.092)	56082	20.0000	14
84 o-Xylene	106	9.343	9.343	(1.093)	168133	20.0000	18
85 Styrene	104	9.372	9.372	(1.096)	304700	20.0000	20
86 Bromoform	173	9.584	9.584	(1.121)	72635	20.0000	23
87 Amyl Acetate	43	9.578	9.578	(0.887)	97761	20.0000	11
88 Isopropylbenzene	105	9.713	9.713	(1.136)	431280	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	254047	50.0000	46
90 Camphene (total)	41	9.913	9.913	(1.159)	29621	20.0000	16
91 Bromobenzene	156	10.012	10.012	(0.928)	124296	20.0000	17
92 1,1,2,2-Tetrachloroethane	83	10.059	10.059	(0.932)	130324	20.0000	17
95 n-Propylbenzene	91	10.083	10.083	(0.934)	544786	20.0000	16
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	44370	20.0000	18
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	27394	20.0000	13
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	397810	20.0000	17
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	454928	20.0000	19
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	423521	20.0000	17
98 4-Chlorotoluene	91	10.265	10.265	(0.951)	382913	20.0000	18
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	116297	20.0000	14
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	337329	20.0000	16
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.976)	441446	20.0000	17
102 2-Octanone	43	10.629	10.629	(0.985)	99171	20.0000	13
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	551748	20.0000	17
104 2-Octanol	45	10.665	10.665	(0.988)	21268	20.0000	9.2
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	459664	20.0000	16
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	265707	20.0000	19

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00933.d
 Report Date: 09-Apr-2013 22:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	369998	50.0000	
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	271864	20.0000	19
110 Benzyl Chloride	126	10.911	10.911	(1.011)	51542	20.0000	14
171 Indan	117	10.958	10.958	(2.139)	417045	20.0000	18
184 1,4-Diethylbenzene	119	11.000	11.000	(2.147)	276190	20.0000	19
106 n-Butylbenzene	91	11.017	11.017	(1.021)	545661	20.0000	17
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	255932	20.0000	18
186 1,2,4,5-Tetramethylbenzene	119	11.522	11.522	(2.249)	393664	20.0000	16
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	26749	20.0000	15
113 Camphor	95	12.122	12.122	(1.123)	49183	100.000	58
114 1,2,4-Trichlorobenzene	180	12.192	12.192	(1.130)	190576	20.0000	18
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	87640	20.0000	18
116 Naphthalene	128	12.410	12.410	(1.150)	419167	20.0000	14
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	168812	20.0000	16
M 120 1,2-Dichloroethene (Total)	100				191654	40.0000	36
M 121 Xylene (Total)	100				513133	60.0000	56

Data File: r00933.d

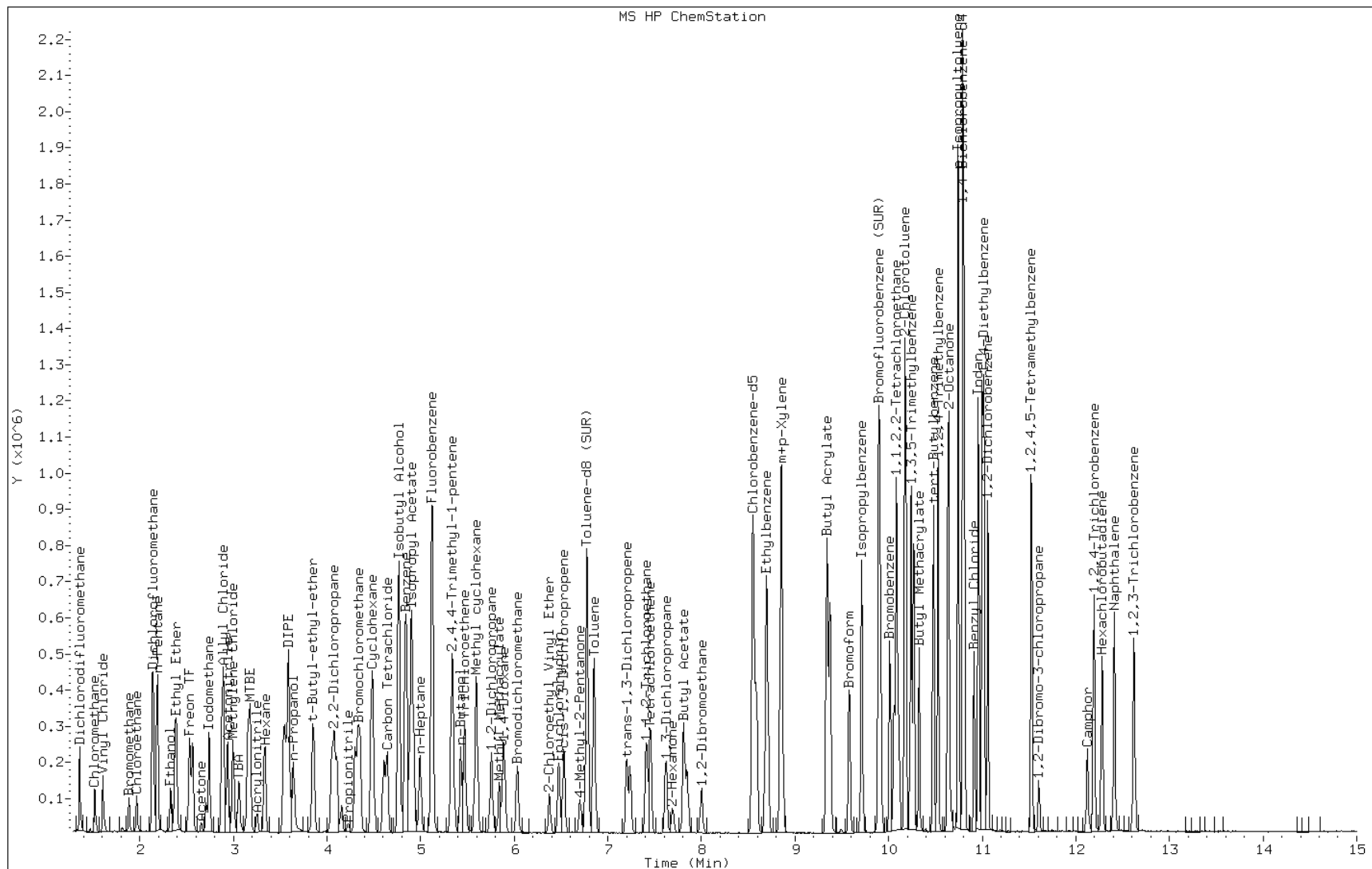
Date: 09-APR-2013 20:26

Client ID:

Instrument: VOAMS10.i

Sample Info: CCVIS

Operator:



Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00001.d
 Report Date: 21-Mar-2013 15:24

TestAmerica

Data file : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00001.d
 Lab Smp Id: BFB
 Inj Date : 21-MAR-2013 13:32
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/VOABFB.m
 Meth Date : 21-Mar-2013 15:23 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS10.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB						CAS #: 460-00-4	
3.263	3.263 (0.000)	95	119706			0.00- 100.00	100.00
3.263	3.263 (0.000)	50	20650			15.00- 40.00	17.25
3.263	3.263 (0.000)	75	57066			30.00- 60.00	47.67
3.263	3.263 (0.000)	96	8050			5.00- 9.00	6.72
3.263	3.263 (0.000)	173	0			0.00- 2.00	0.00
3.263	3.263 (0.000)	174	92517			50.00- 100.00	77.29
3.263	3.263 (0.000)	175	6693			5.00- 9.00	7.23
3.263	3.263 (0.000)	176	92106			95.00- 101.00	99.56
3.263	3.263 (0.000)	177	6433			5.00- 9.00	6.98

Data File: r00001.d

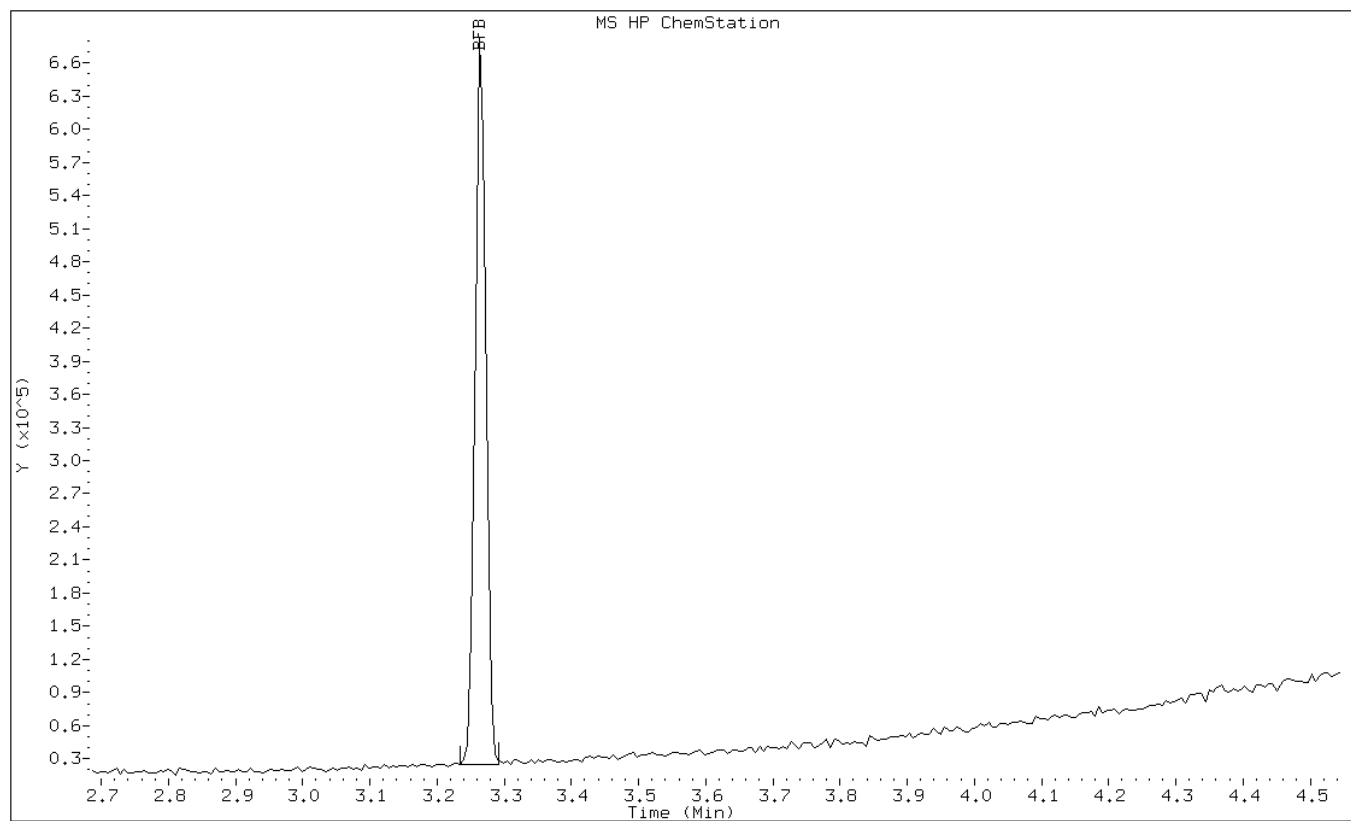
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Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1



Data File: r00001.d

Date: 21-MAR-2013 13:32

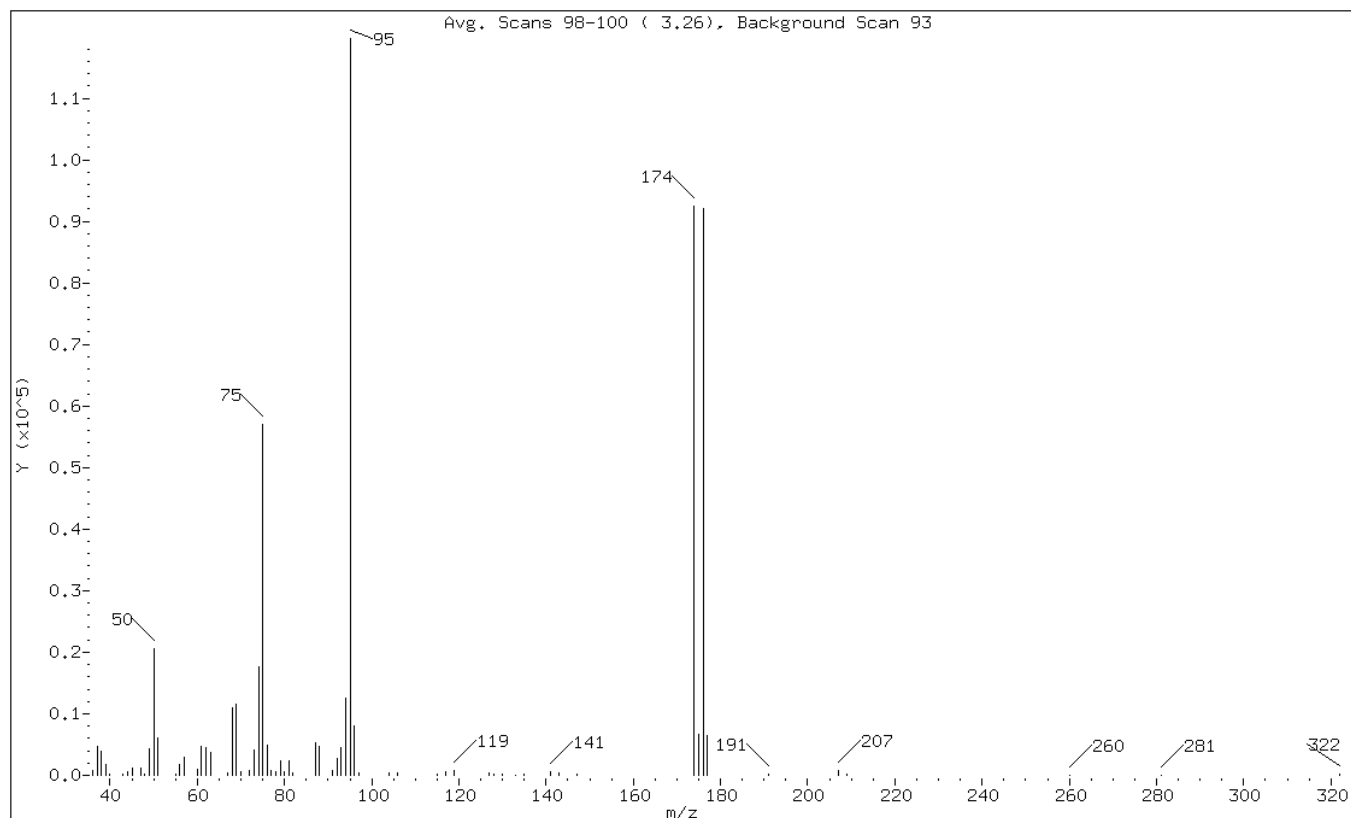
Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.25
75	30.00 - 60.00% of mass 95	47.67
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	77.29
175	5.00 - 9.00% of mass 174	5.59 (7.23)
176	95.00 - 101.00% of mass 174	76.94 (99.56)
177	5.00 - 9.00% of mass 176	5.37 (6.98)

Data File: r00001.d

Date: 21-MAR-2013 13:32

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/21mar13.b/r00001.d
Spectrum: Avg. Scans 98-100 (3.26), Background Scan 93
Location of Maximum: 95.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	859	61.00	4626	82.00	367	130.00	201
37.00	4684	62.00	4568	87.00	5282	133.00	20
38.00	3949	63.00	3742	88.00	4693	135.00	168
39.00	1785	67.00	451	91.00	818	141.00	552
40.00	113	68.00	11068	92.00	2839	143.00	461
43.00	173	69.00	11484	93.00	4568	147.00	168
44.00	560	70.00	527	94.00	12625	174.00	92512
45.00	1199	72.00	745	95.00	119704	175.00	6693
47.00	1193	73.00	4123	96.00	8050	176.00	92104
48.00	213	74.00	17656	97.00	484	177.00	6433
49.00	4307	75.00	57064	104.00	342	191.00	127
50.00	20648	76.00	4820	106.00	391	207.00	714
51.00	6026	77.00	809	115.00	183	209.00	134
55.00	205	78.00	525	117.00	628	260.00	75
56.00	1758	79.00	2330	119.00	720	281.00	11
57.00	2851	80.00	552	127.00	363	322.00	180
60.00	883	81.00	2352	128.00	195		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00713.d
 Report Date: 04-Apr-2013 11:12

TestAmerica

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00713.d
 Lab Smp Id: BFB
 Inj Date : 04-APR-2013 10:06
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/VOABFB.m
 Meth Date : 21-Mar-2013 15:23 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS10.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
3.263	3.263	(0.000)	95	36482		0.00- 100.00	100.00
3.263	3.263	(0.000)	50	6383		15.00- 40.00	17.50
3.263	3.263	(0.000)	75	18911		30.00- 60.00	51.84
3.263	3.263	(0.000)	96	2560		5.00- 9.00	7.02
3.263	3.263	(0.000)	173	0		0.00- 2.00	0.00
3.263	3.263	(0.000)	174	29469		50.00- 100.00	80.78
3.263	3.263	(0.000)	175	2355		5.00- 9.00	7.99
3.263	3.263	(0.000)	176	29360		95.00- 101.00	99.63
3.263	3.263	(0.000)	177	2068		5.00- 9.00	7.04

Data File: r00713.d

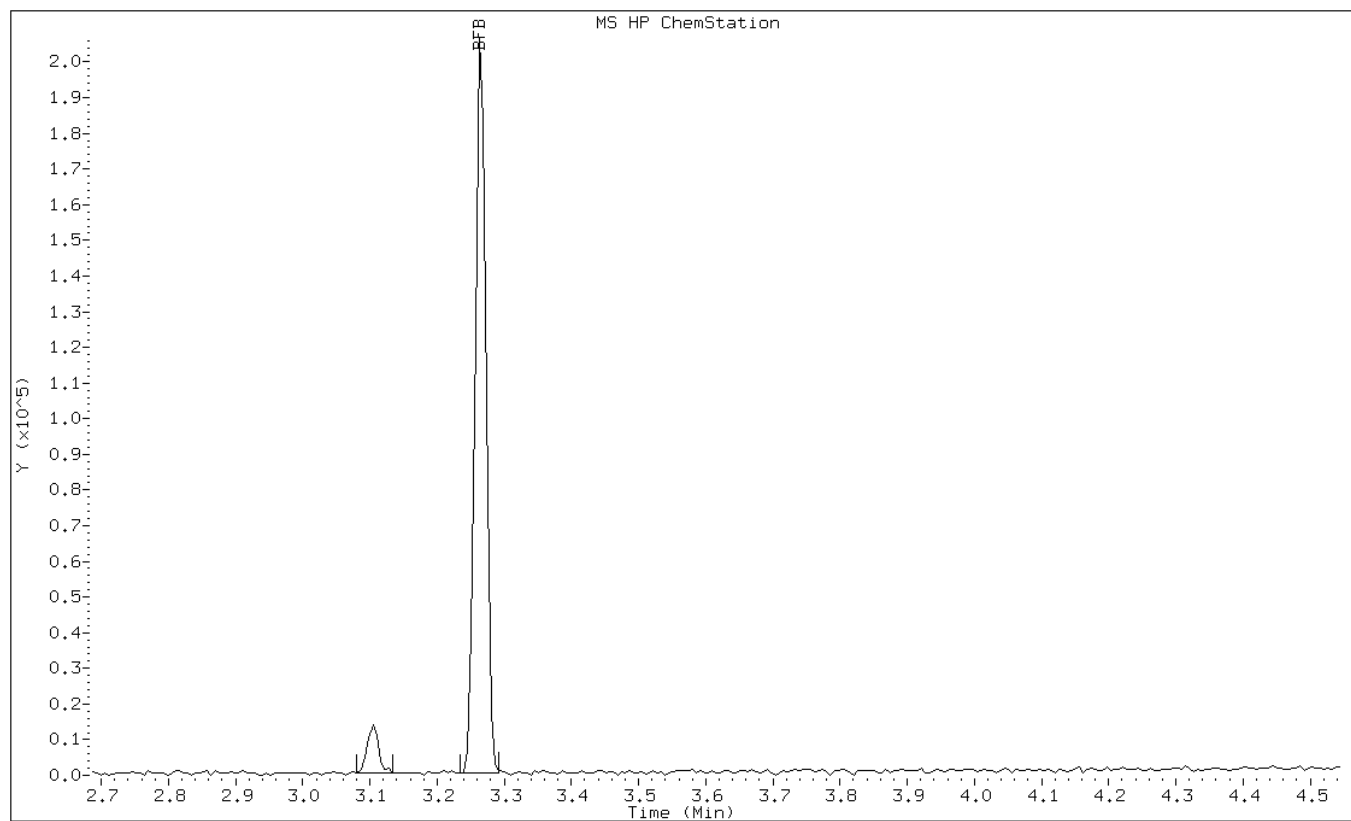
Date: 04-APR-2013 10:06

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1



Data File: r00713.d

Date: 04-APR-2013 10:06

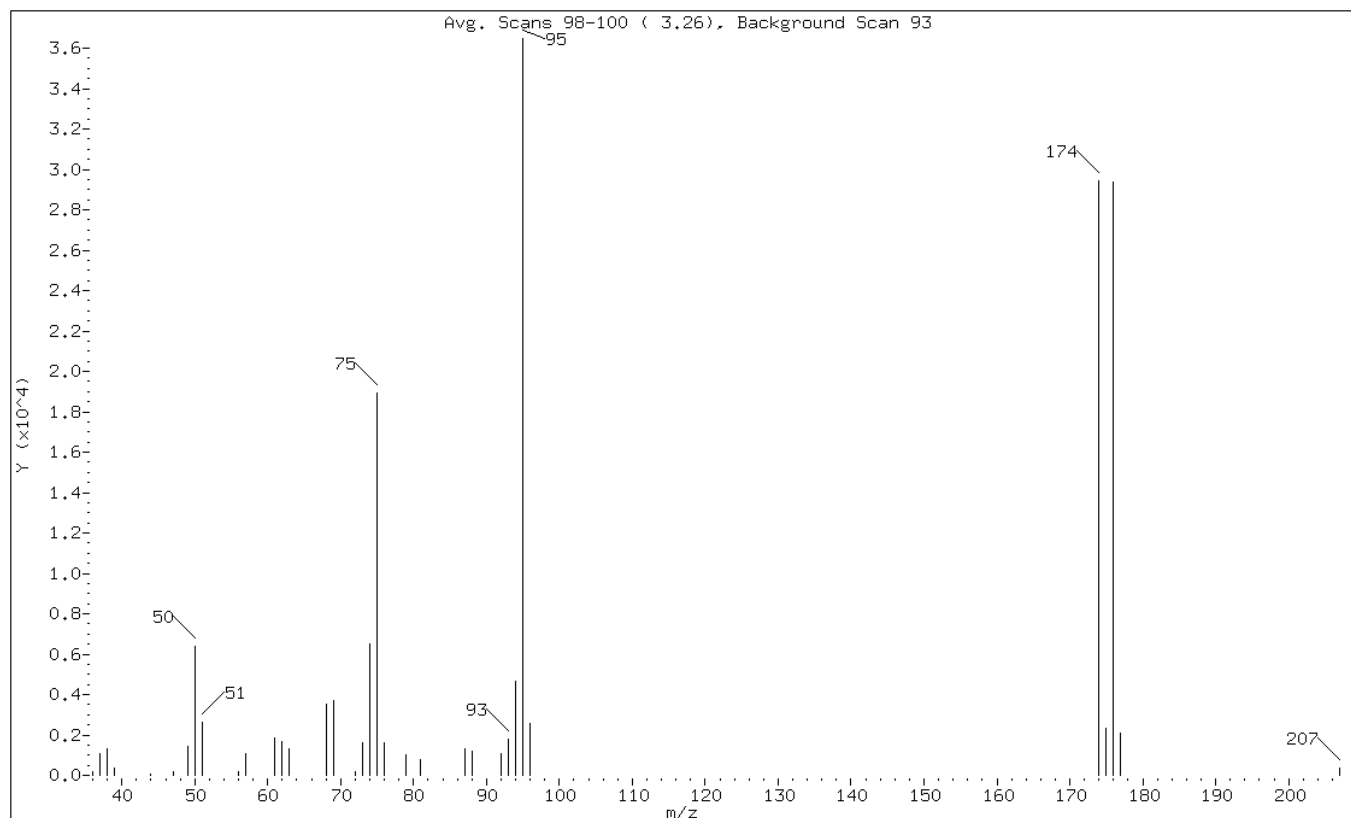
Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.50
75	30.00 - 60.00% of mass 95	51.84
96	5.00 - 9.00% of mass 95	7.02
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	80.78
175	5.00 - 9.00% of mass 174	6.46 (7.99)
176	95.00 - 101.00% of mass 174	80.48 (99.63)
177	5.00 - 9.00% of mass 176	5.67 (7.04)

Data File: r00713.d

Date: 04-APR-2013 10:06

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00713.d
Spectrum: Avg. Scans 98-100 (3.26), Background Scan 93
Location of Maximum: 95.00
Number of points: 35

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	168	56.00	205	74.00	6496	94.00	4682
37.00	1102	57.00	1059	75.00	18904	95.00	36480
38.00	1288	61.00	1872	76.00	1583	96.00	2560
39.00	365	62.00	1691	79.00	993	174.00	29464
44.00	55	63.00	1293	81.00	773	175.00	2355
47.00	205	68.00	3526	87.00	1299	176.00	29360
49.00	1443	69.00	3679	88.00	1172	177.00	2068
50.00	6383	72.00	199	92.00	1050	207.00	366
51.00	2605	73.00	1624	93.00	1781		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00744.d
 Report Date: 05-Apr-2013 07:17

TestAmerica

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00744.d
 Lab Smp Id: BFB
 Inj Date : 05-APR-2013 06:10
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/VOABFB.m
 Meth Date : 21-Mar-2013 15:23 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS10.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
3.269	3.263	(0.000)	95	41936		0.00- 100.00	100.00
3.269	3.263	(0.000)	50	7322		15.00- 40.00	17.46
3.269	3.263	(0.000)	75	22464		30.00- 60.00	53.57
3.269	3.263	(0.000)	96	3315		5.00- 9.00	7.90
3.269	3.263	(0.000)	173	0		0.00- 2.00	0.00
3.269	3.263	(0.000)	174	35802		50.00- 100.00	85.37
3.269	3.263	(0.000)	175	2918		5.00- 9.00	8.15
3.269	3.263	(0.000)	176	35845		95.00- 101.00	100.12
3.269	3.263	(0.000)	177	2362		5.00- 9.00	6.59

Data File: r00744.d

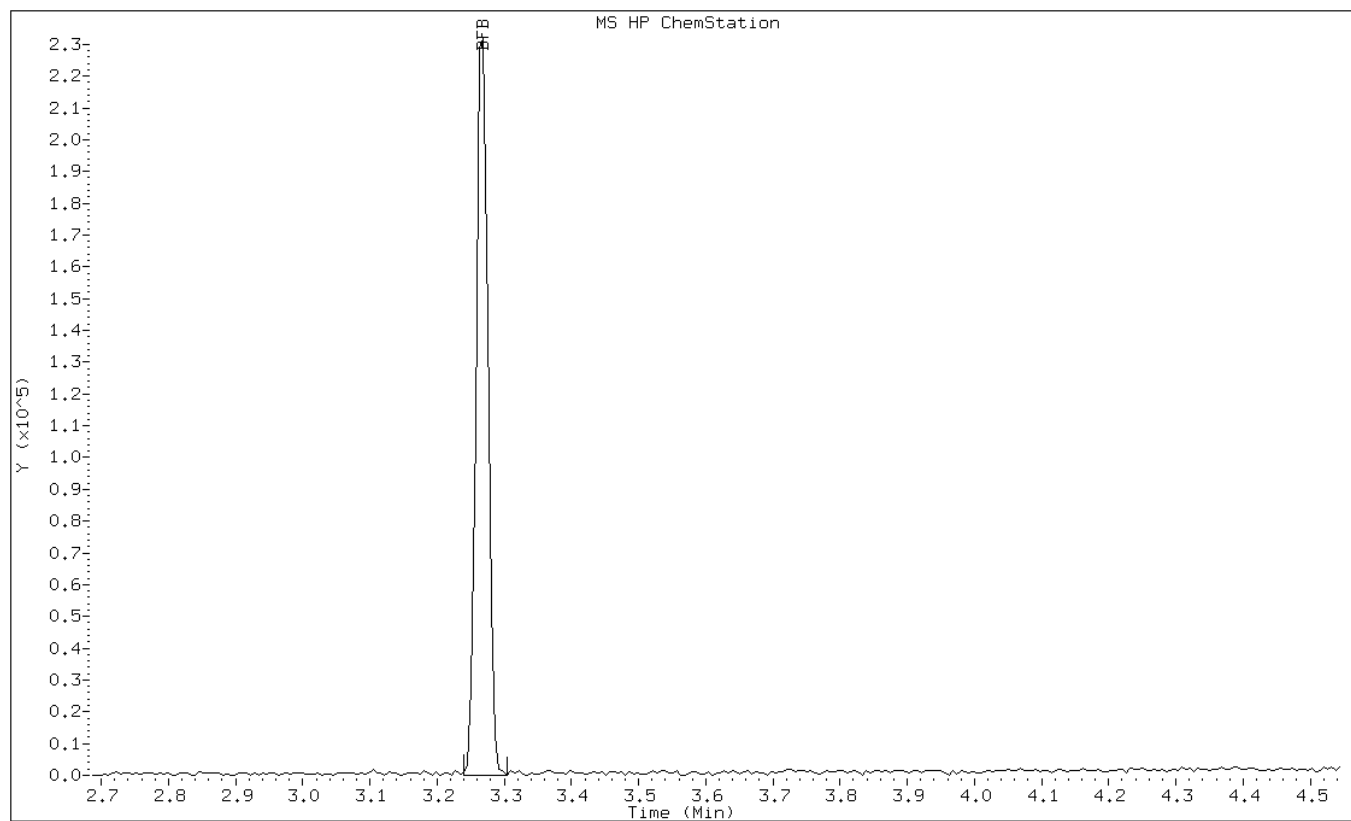
Date: 05-APR-2013 06:10

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1



Data File: r00744.d

Date: 05-APR-2013 06:10

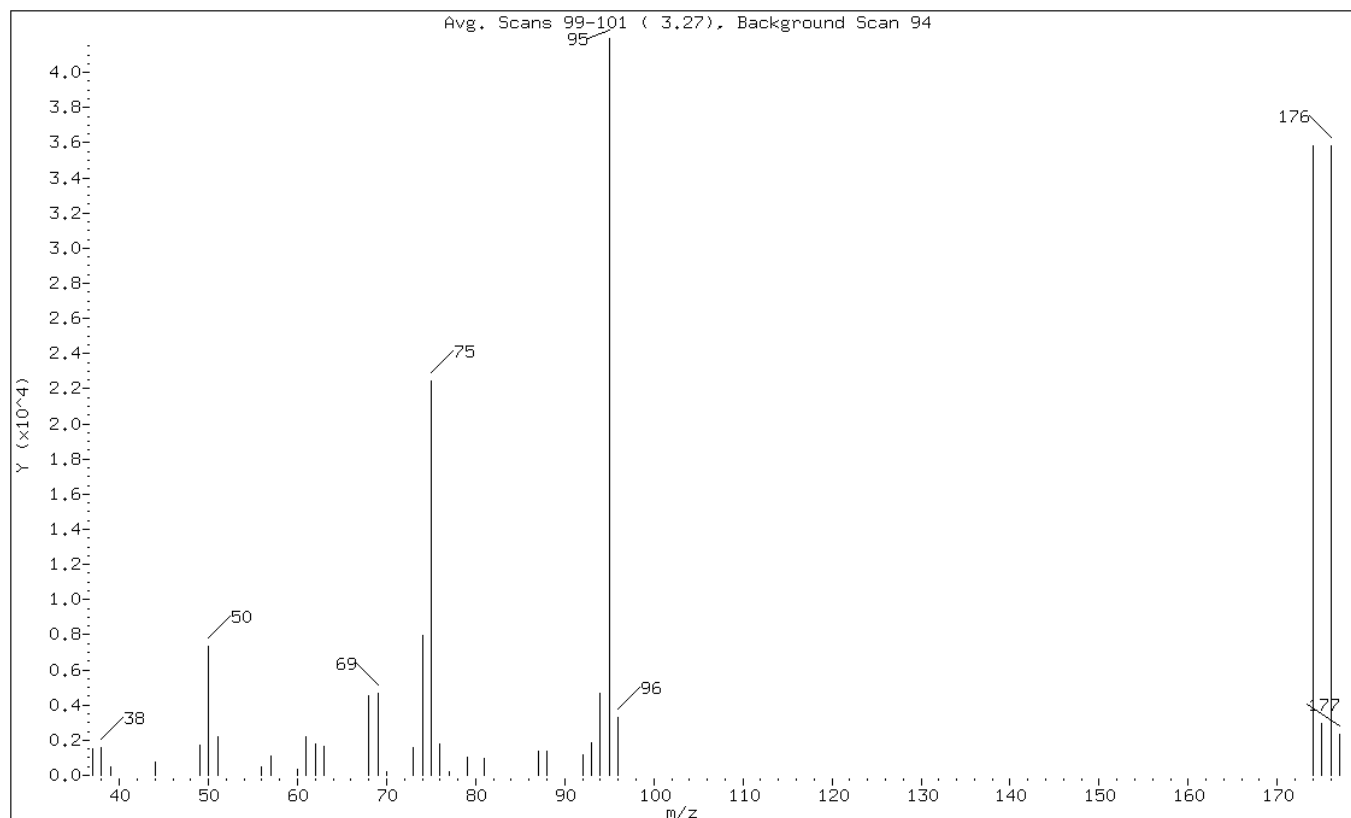
Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.46
75	30.00 - 60.00% of mass 95	53.57
96	5.00 - 9.00% of mass 95	7.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	85.37
175	5.00 - 9.00% of mass 174	6.96 (8.15)
176	95.00 - 101.00% of mass 174	85.48 (100.12)
177	5.00 - 9.00% of mass 176	5.63 (6.59)

Data File: r00744.d

Date: 05-APR-2013 06:10

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00744.d
Spectrum: Avg. Scans 99-101 (3.27), Background Scan 94
Location of Maximum: 95.00
Number of points: 34

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1504	60.00	375	75.00	22464	94.00	4694
38.00	1547	61.00	2201	76.00	1801	95.00	41936
39.00	494	62.00	1775	77.00	174	96.00	3315
44.00	730	63.00	1680	79.00	1057	174.00	35800
49.00	1700	68.00	4553	81.00	940	175.00	2918
50.00	7322	69.00	4654	87.00	1399	176.00	35840
51.00	2219	70.00	223	88.00	1407	177.00	2362
56.00	468	73.00	1562	92.00	1191		
57.00	1082	74.00	7994	93.00	1869		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00771.d
Report Date: 05-Apr-2013 19:52

TestAmerica

```
Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00771.d
Lab Smp Id: BFB
Inj Date   : 05-APR-2013 18:46
Operator   : VOAMS 1                      Inst ID: VOAMS10.i
Smp Info    : BFB
Misc Info   :
Comment     :
Method      : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/VOABFB.m
Meth Date   : 21-Mar-2013 15:23 sylvanus  Quant Type: ISTD
Cal Date    :                          Cal File:
Als bottle: 2                         QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE                    Compound Sublist: all.sub
Target Version: 3.50                  Sample Matrix: WATER
Processing Host: hpd2
```

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

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

Cpnd Variable	Local Compound Variable
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
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86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

RT	EXP	RT	(REL	RT)	MASS	CONCENTRATIONS		TARGET	RANGE	RATIO
						ON-COL	FINAL			
==	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====	=====	=====
1	BFB							CAS #:	460-00-4	
3.281	3.263	(0.000)	95	51544				0.00-	100.00	100.00
3.281	3.263	(0.000)	50	9492				15.00-	40.00	18.42
3.281	3.263	(0.000)	75	24632				30.00-	60.00	47.79
3.281	3.263	(0.000)	96	3861				5.00-	9.00	7.49
3.281	3.263	(0.000)	173	0				0.00-	2.00	0.00
3.281	3.263	(0.000)	174	37352				50.00-	100.00	72.47
3.281	3.263	(0.000)	175	2976				5.00-	9.00	7.97
3.281	3.263	(0.000)	176	36064				95.00-	101.00	96.55
3.281	3.263	(0.000)	177	2603				5.00-	9.00	7.22

Data File: r00771.d

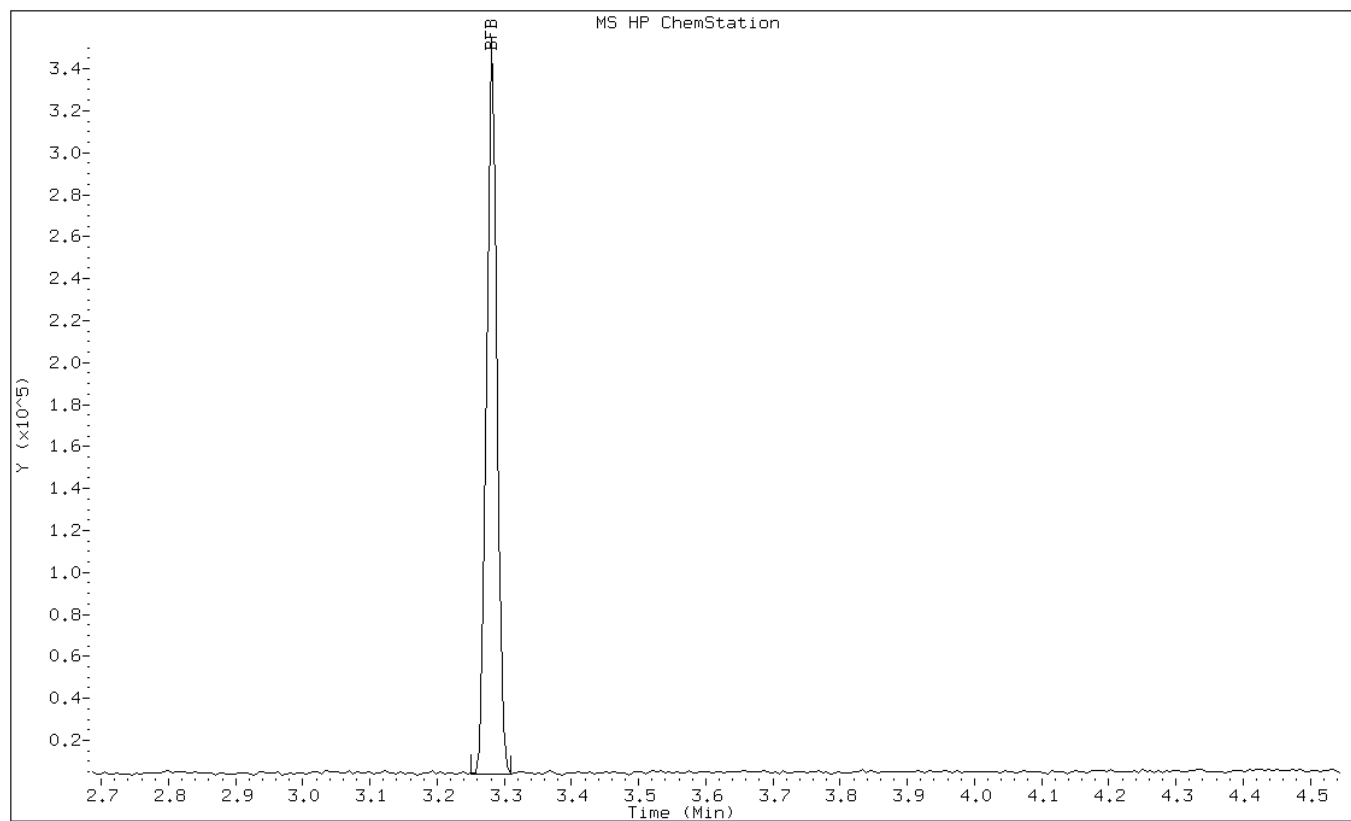
Date: 05-APR-2013 18:46

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1



Data File: r00771.d

Date: 05-APR-2013 18:46

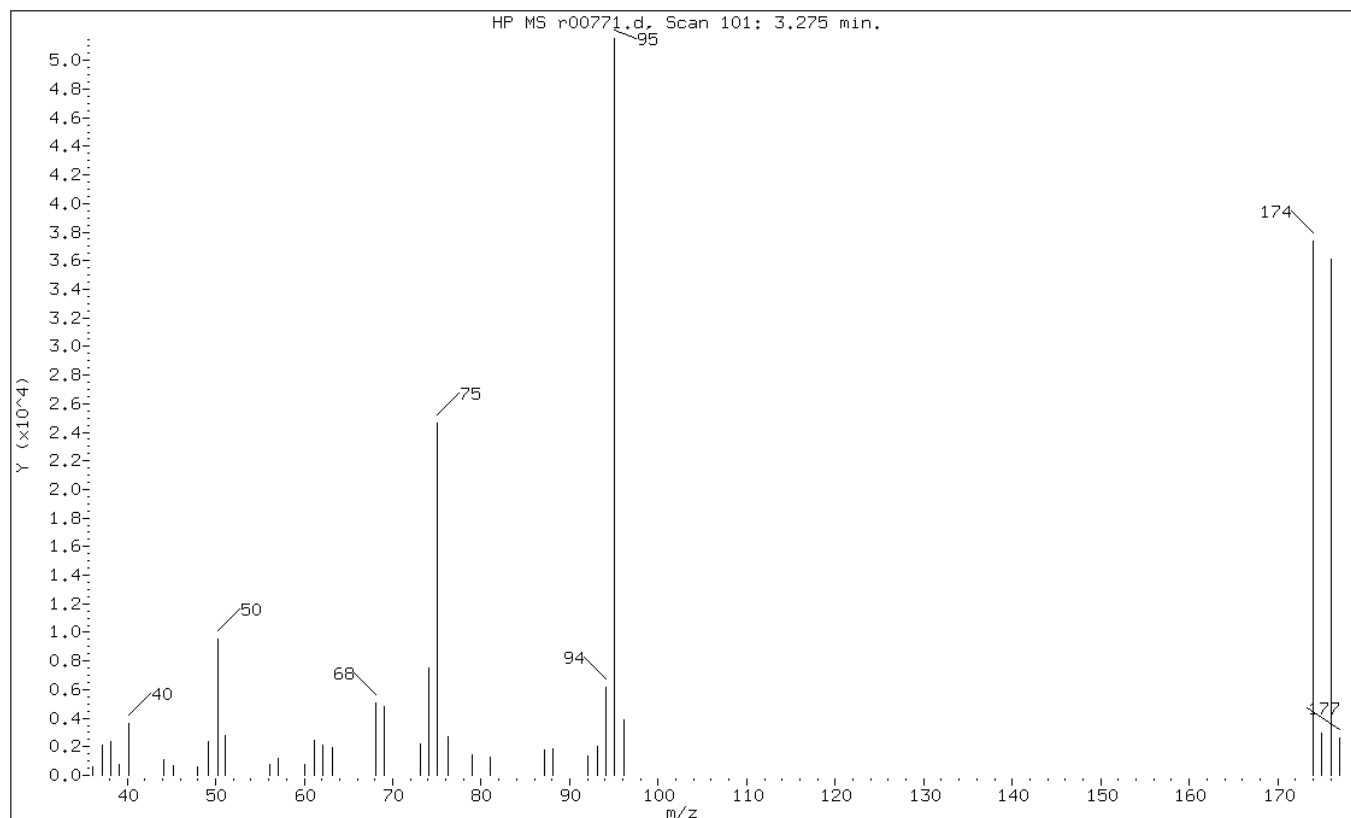
Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.42
75	30.00 - 60.00% of mass 95	47.79
96	5.00 - 9.00% of mass 95	7.49
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.47
175	5.00 - 9.00% of mass 174	5.77 (7.97)
176	95.00 - 101.00% of mass 174	69.97 (96.55)
177	5.00 - 9.00% of mass 176	5.05 (7.22)

Data File: r00771.d

Date: 05-APR-2013 18:46

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00771.d
Spectrum: HP MS r00771.d, Scan 101: 3.275 min.
Location of Maximum: 95.10
Number of points: 36

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	607	51.10	2759	74.10	7539	95.10	51544
37.20	2080	56.10	743	75.10	24632	96.10	3861
38.10	2352	57.10	1142	76.20	2736	174.00	37352
39.10	732	60.10	765	79.00	1453	175.00	2976
40.20	3600	61.10	2414	81.00	1256	176.00	36064
44.20	1127	62.10	2097	87.10	1742	177.00	2603
45.20	670	63.20	1932	88.10	1879		
47.90	557	68.10	5034	92.10	1354		
49.20	2383	69.10	4806	93.20	2015		
50.20	9492	73.10	2229	94.10	6144		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00851.d
 Report Date: 08-Apr-2013 08:22

TestAmerica

Data file : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00851.d
 Lab Smp Id: BFB
 Inj Date : 08-APR-2013 07:12
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/VOABFB.m
 Meth Date : 21-Mar-2013 15:23 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS10.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
3.263	3.263	(0.000)	95	39477		0.00- 100.00	100.00
3.263	3.263	(0.000)	50	7196		15.00- 40.00	18.23
3.263	3.263	(0.000)	75	21002		30.00- 60.00	53.20
3.263	3.263	(0.000)	96	2860		5.00- 9.00	7.24
3.263	3.263	(0.000)	173	0		0.00- 2.00	0.00
3.263	3.263	(0.000)	174	34592		50.00- 100.00	87.63
3.263	3.263	(0.000)	175	2598		5.00- 9.00	7.51
3.263	3.263	(0.000)	176	32874		95.00- 101.00	95.03
3.263	3.263	(0.000)	177	2224		5.00- 9.00	6.77

Data File: r00851.d

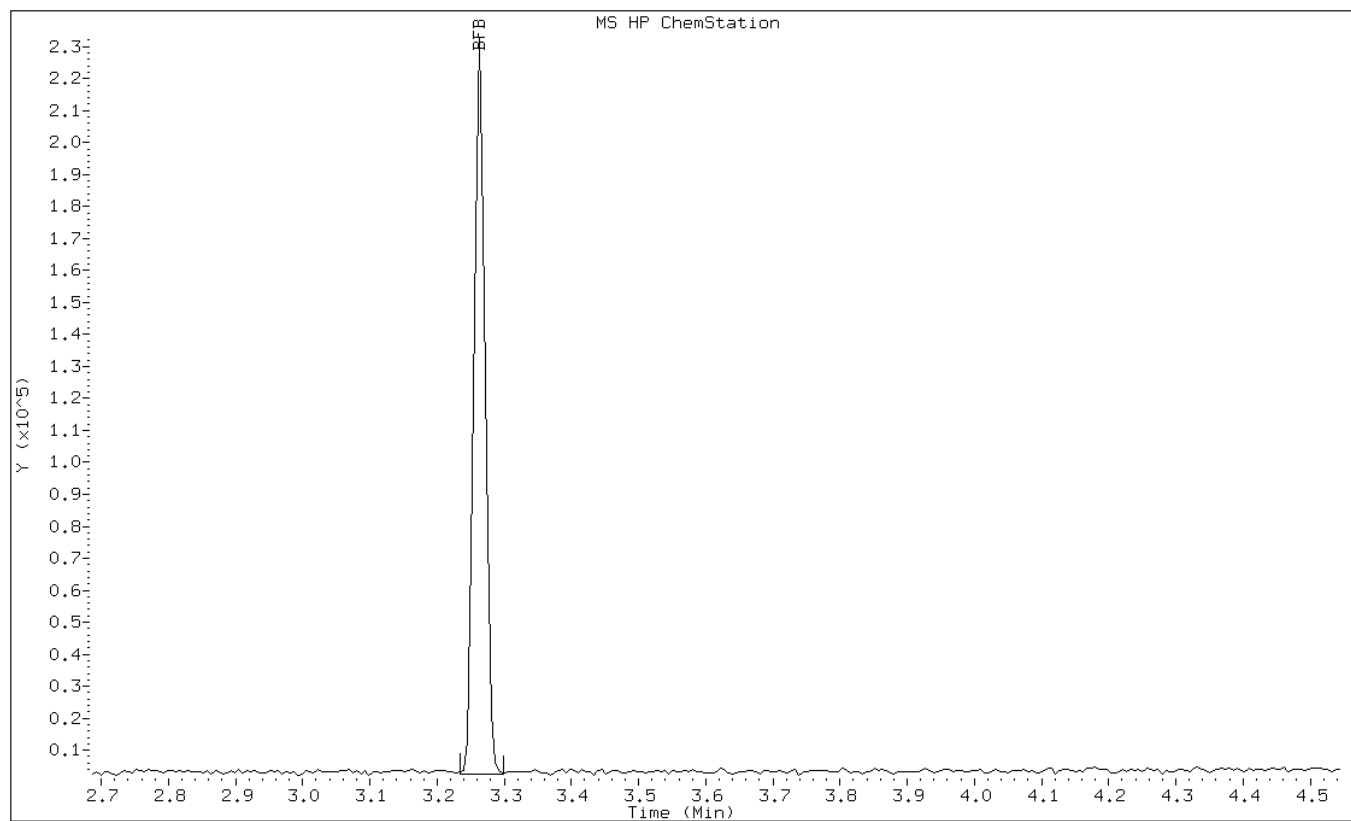
Date: 08-APR-2013 07:12

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1



Data File: r00851.d

Date: 08-APR-2013 07:12

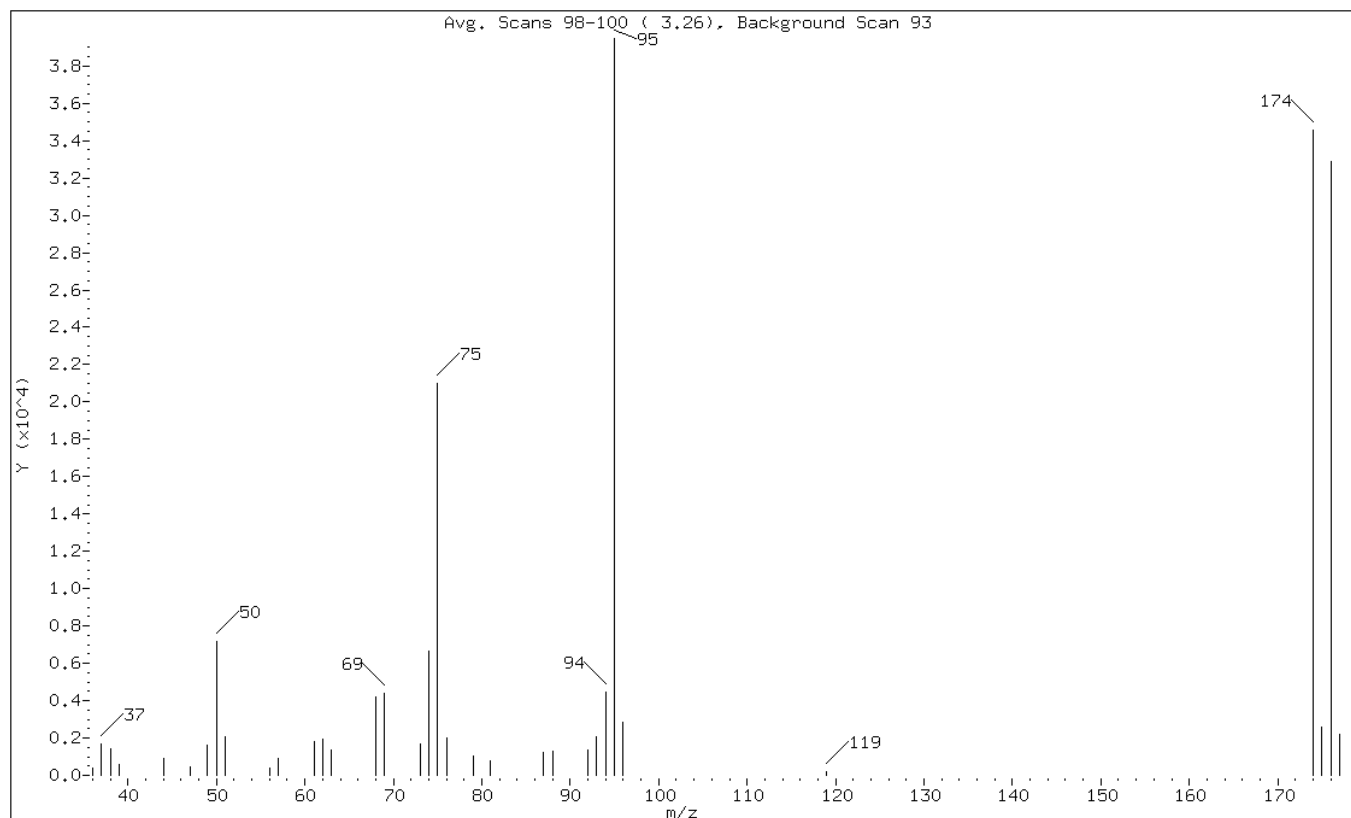
Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.23
75	30.00 - 60.00% of mass 95	53.20
96	5.00 - 9.00% of mass 95	7.24
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.63
175	5.00 - 9.00% of mass 174	6.58 (7.51)
176	95.00 - 101.00% of mass 174	83.27 (95.03)
177	5.00 - 9.00% of mass 176	5.63 (6.77)

Data File: r00851.d

Date: 08-APR-2013 07:12

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00851.d
Spectrum: Avg. Scans 98-100 (3.26), Background Scan 93
Location of Maximum: 95.00
Number of points: 34

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	389	56.00	395	75.00	21000	95.00	39472
37.00	1665	57.00	887	76.00	1999	96.00	2860
38.00	1421	61.00	1808	79.00	1021	119.00	192
39.00	569	62.00	1966	81.00	783	174.00	34592
44.00	879	63.00	1384	87.00	1249	175.00	2598
47.00	472	68.00	4213	88.00	1279	176.00	32872
49.00	1614	69.00	4376	92.00	1326	177.00	2224
50.00	7196	73.00	1702	93.00	2077		
51.00	2093	74.00	6656	94.00	4476		

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00932.d
 Report Date: 09-Apr-2013 21:23

TestAmerica

Data file : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00932.d
 Lab Smp Id: BFB
 Inj Date : 09-APR-2013 20:00
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/VOABFB.m
 Meth Date : 21-Mar-2013 15:23 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS10.i

Quant Type: ISTD

Cal File:

QC Sample: BFB

Compound Sublist: all.sub

Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
3.292	3.263	(0.000)	95	64144		0.00- 100.00	100.00
3.292	3.263	(0.000)	50	10865		15.00- 40.00	16.94
3.292	3.263	(0.000)	75	35616		30.00- 60.00	55.53
3.292	3.263	(0.000)	96	5055		5.00- 9.00	7.88
3.292	3.263	(0.000)	173	0		0.00- 2.00	0.00
3.292	3.263	(0.000)	174	58448		50.00- 100.00	91.12
3.292	3.263	(0.000)	175	4499		5.00- 9.00	7.70
3.292	3.263	(0.000)	176	55912		95.00- 101.00	95.66
3.292	3.263	(0.000)	177	3630		5.00- 9.00	6.49

Data File: r00932.d

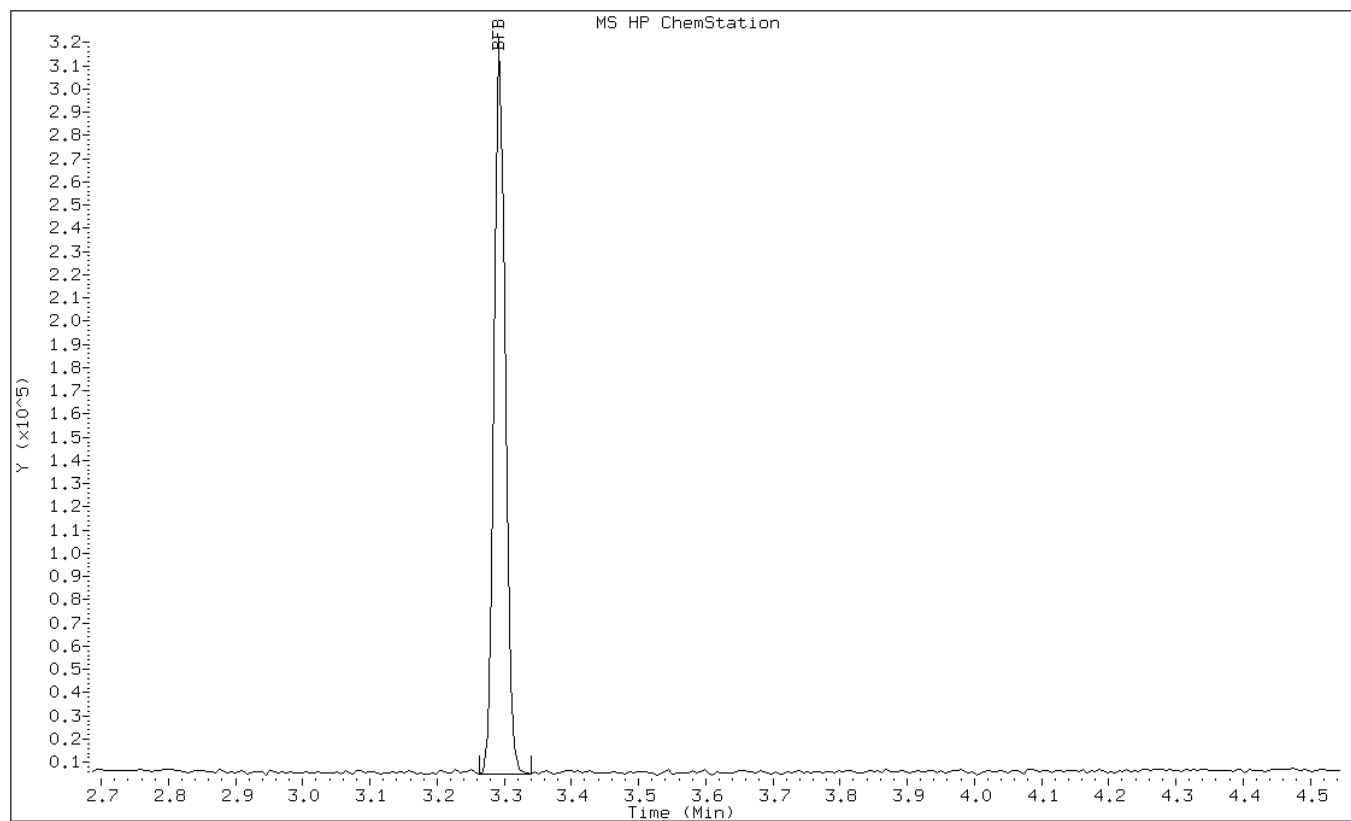
Date: 09-APR-2013 20:00

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1



Data File: r00932.d

Date: 09-APR-2013 20:00

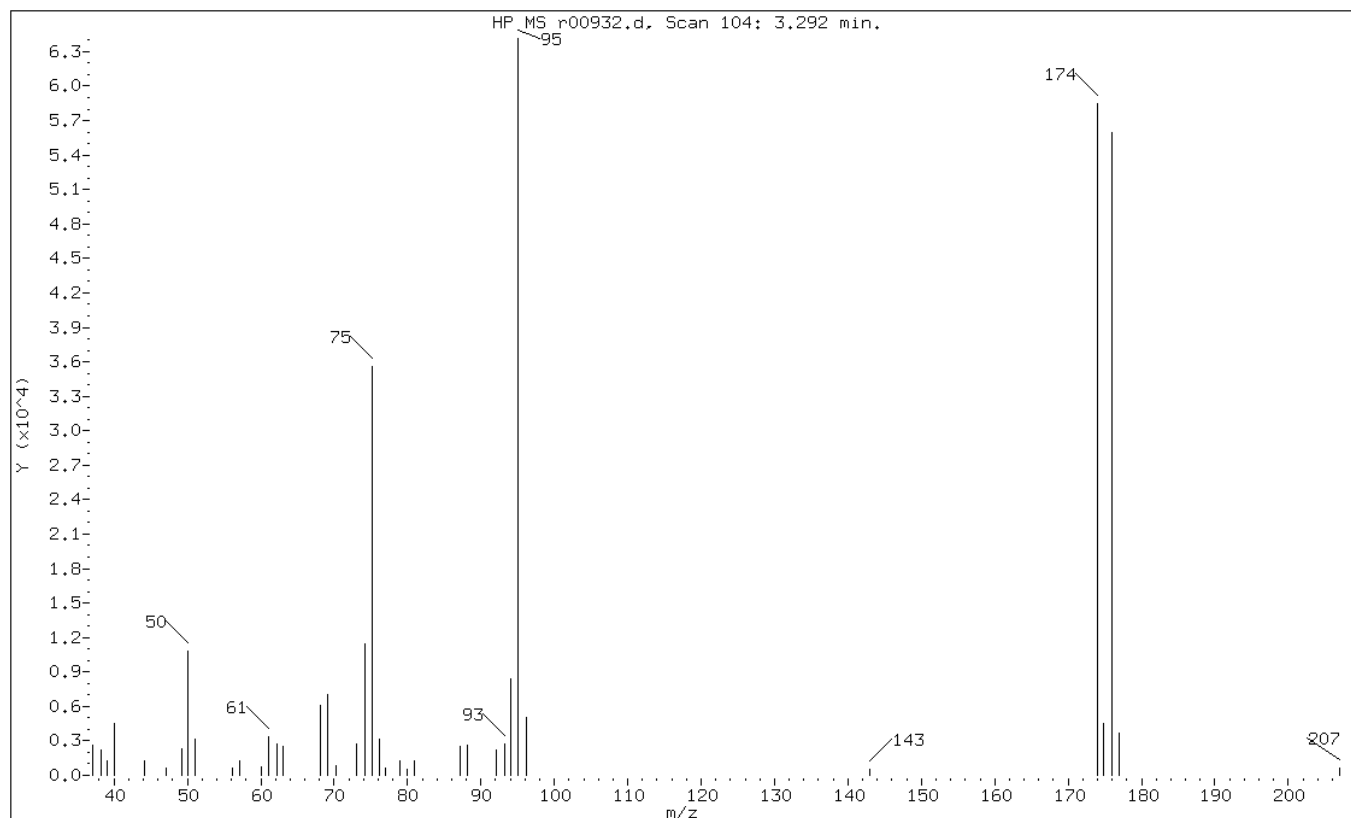
Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.94
75	30.00 - 60.00% of mass 95	55.53
96	5.00 - 9.00% of mass 95	7.88
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	91.12
175	5.00 - 9.00% of mass 174	7.01 (7.70)
176	95.00 - 101.00% of mass 174	87.17 (95.66)
177	5.00 - 9.00% of mass 176	5.66 (6.49)

Data File: r00932.d

Date: 09-APR-2013 20:00

Client ID:

Instrument: VOAMS10.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00932.d
Spectrum: HP MS r00932.d, Scan 104: 3.292 min.
Location of Maximum: 95.10
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.10	2590	57.20	1278	75.20	35616	94.10	8418
38.20	2165	60.10	696	76.20	3145	95.10	64144
39.10	1240	61.10	3379	77.00	612	96.20	5055
40.10	4467	62.20	2717	79.00	1230	142.90	504
44.10	1296	63.10	2469	80.00	533	174.00	58448
47.10	596	68.10	6065	81.00	1274	174.90	4499
49.20	2292	69.10	7018	87.10	2566	176.00	55912
50.10	10865	70.20	847	88.10	2580	177.00	3630
51.10	3159	73.10	2718	92.10	2251	207.00	642
56.10	653	74.20	11421	93.20	2711		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-154086/4

Matrix: Water Lab File ID: r00717.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 11:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-154086/4
 Matrix: Water Lab File ID: r00717.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 11:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00717.d
 Report Date: 04-Apr-2013 13:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00717.d
 Lab Smp Id: MB
 Inj Date : 04-APR-2013 11:52
 Operator : Inst ID: VOAMS10.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 25 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	173449	58.3355	58	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	643671	50.0000		
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	428094	49.8312	50	
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	442139	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	184370	47.8508	48	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	259538	50.0000		

Data File: r00717.d

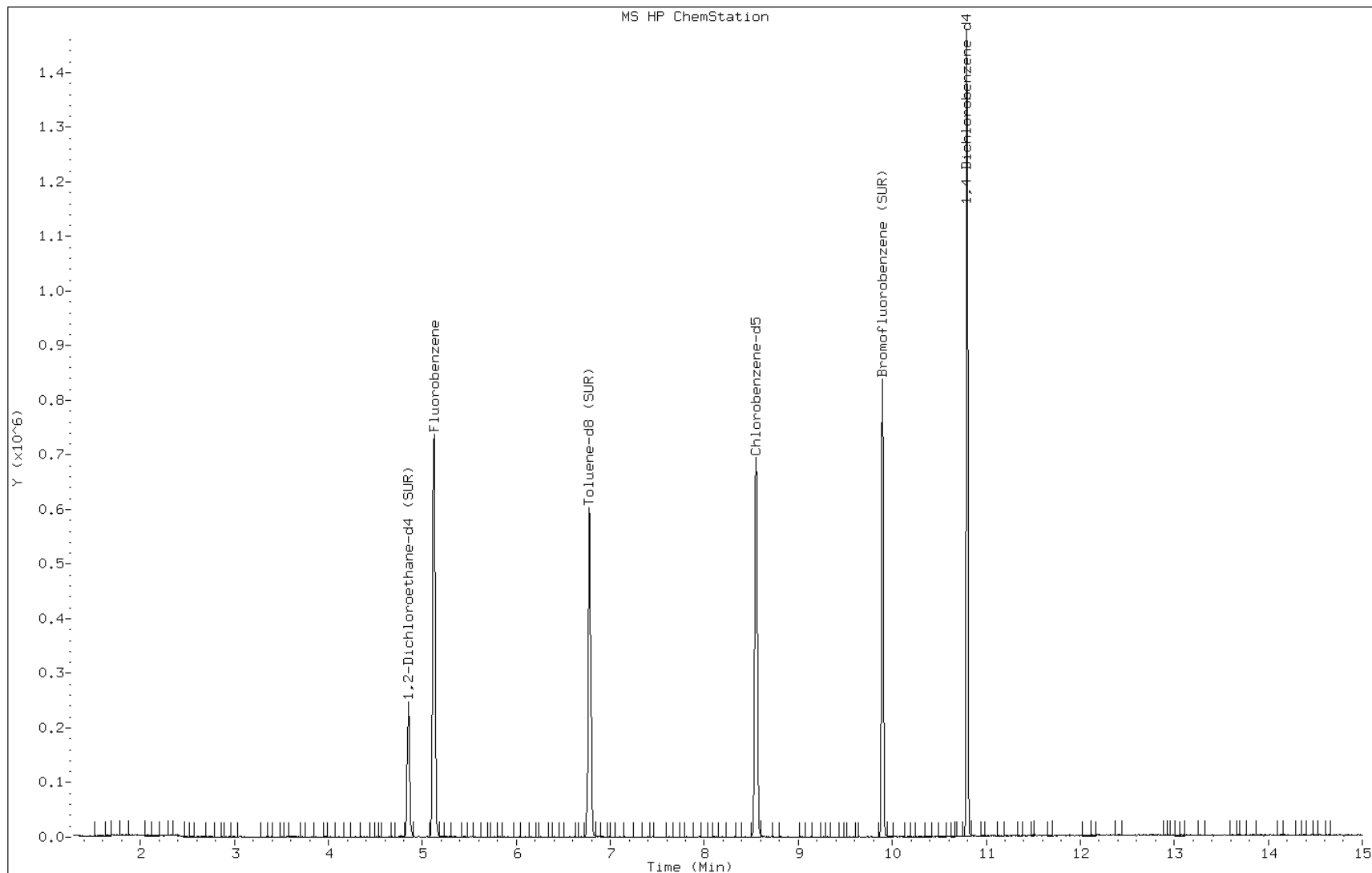
Date: 04-APR-2013 11:52

Client ID:

Instrument: VOAMS10.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-154239/4
 Matrix: Water Lab File ID: r00748.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 07:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-154239/4
 Matrix: Water Lab File ID: r00748.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 07:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00748.d
 Report Date: 05-Apr-2013 10:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00748.d
 Lab Smp Id: MB
 Inj Date : 05-APR-2013 07:56
 Operator : Inst ID: VOAMS10.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 25 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	172048	58.2291	58	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	639638	50.0000		
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	414878	50.0095	50	
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	426961	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	177798	47.7407	48	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	250864	50.0000		

Data File: r00748.d

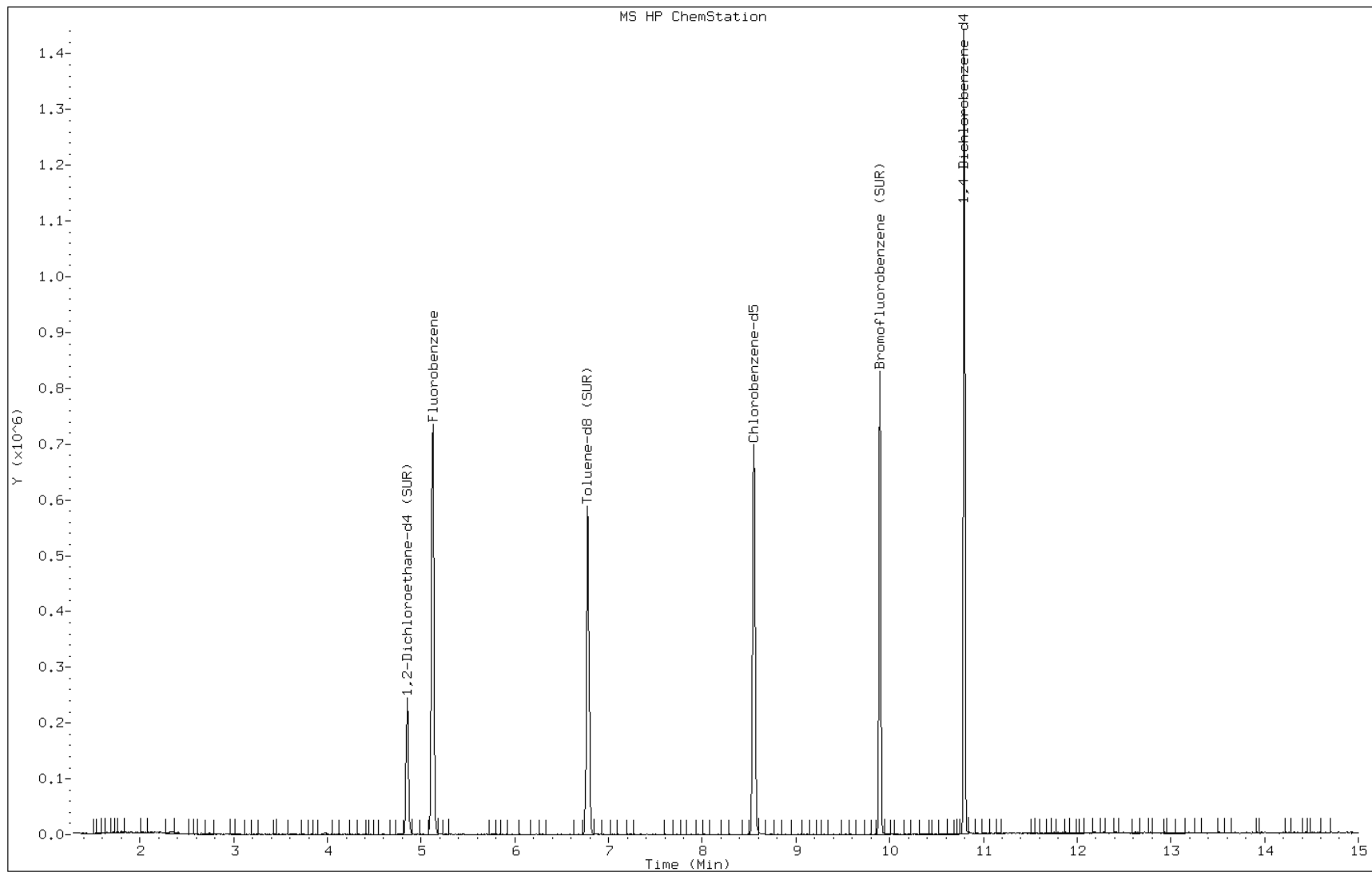
Date: 05-APR-2013 07:56

Client ID:

Instrument: VOAMS10.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-154374/4

Matrix: Water Lab File ID: r00775.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 20:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-154374/4
 Matrix: Water Lab File ID: r00775.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 20:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00775.d
 Report Date: 06-Apr-2013 07:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00775.d
 Lab Smp Id: MB
 Inj Date : 05-APR-2013 20:20
 Operator : Inst ID: VOAMS10.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 25 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	162002	62.2700	62
* 52 Fluorobenzene	96	5.124	5.118	(1.000)	563205	50.0000	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	369917	49.0654	49
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	388016	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	165973	49.3330	49
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	226621	50.0000	

Data File: r00775.d

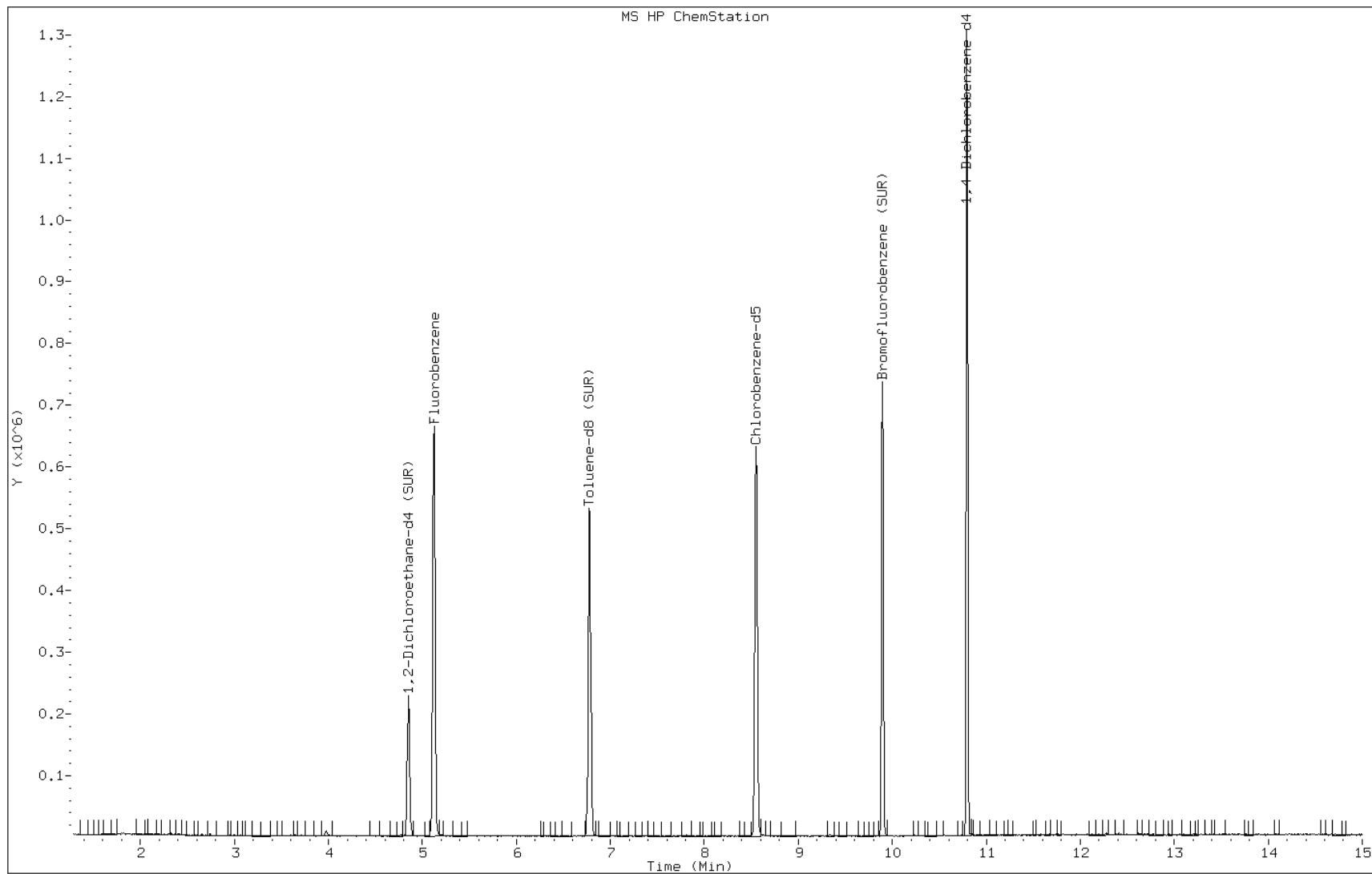
Date: 05-APR-2013 20:20

Client ID:

Instrument: VOAMS10.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-154524/4

Matrix: Water Lab File ID: r00856.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 09:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-154524/4
 Matrix: Water Lab File ID: r00856.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 09:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00856.d
 Report Date: 08-Apr-2013 11:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00856.d
 Lab Smp Id: MB
 Inj Date : 08-APR-2013 09:47
 Operator : Inst ID: VOAMS10.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/8260_09.m
 Meth Date : 08-Apr-2013 08:52 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 26 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	154862	62.6927	63	
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	534752	50.0000		
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	344622	52.2979	52	
* 78 Chlorobenzene-d5	117	8.550	8.549	(1.000)	339140	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	143497	47.3694	47	
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	204054	50.0000		

Data File: r00856.d

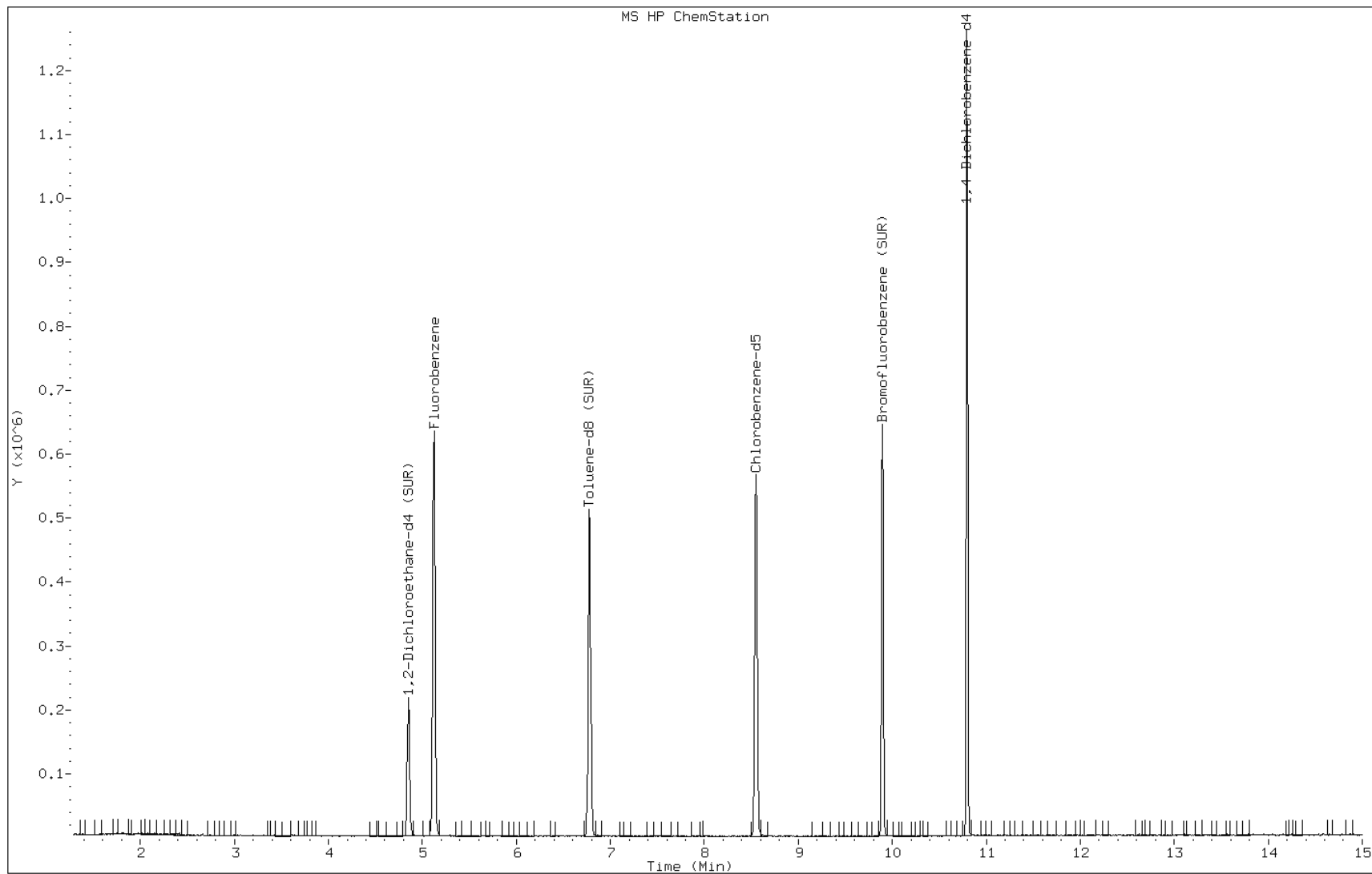
Date: 08-APR-2013 09:47

Client ID:

Instrument: VOAMS10.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-154820/4

Matrix: Water Lab File ID: r00936.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 22:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
179601-23-1	m&p-Xylene	2.0	U	2.0	0.25
95-47-6	o-Xylene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-154820/4
 Matrix: Water Lab File ID: r00936.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 22:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.080
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
110-82-7	Cyclohexane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
123-91-1	1,4-Dioxane	50	U	50	36
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
79-20-9	Methyl acetate	2.0	U	2.0	0.34
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00936.d
 Report Date: 09-Apr-2013 23:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00936.d
 Lab Smp Id: MB
 Inj Date : 09-APR-2013 22:03
 Operator : Inst ID: VOAMS10.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/8260_09.m
 Meth Date : 09-Apr-2013 22:29 ken Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 25 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	195788	56.9303	57
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	744505	50.0000	
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	477252	47.7858	48
* 78 Chlorobenzene-d5	117	8.550	8.549	(1.000)	514008	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	208660	47.0292	47
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	298863	50.0000	

Data File: r00936.d

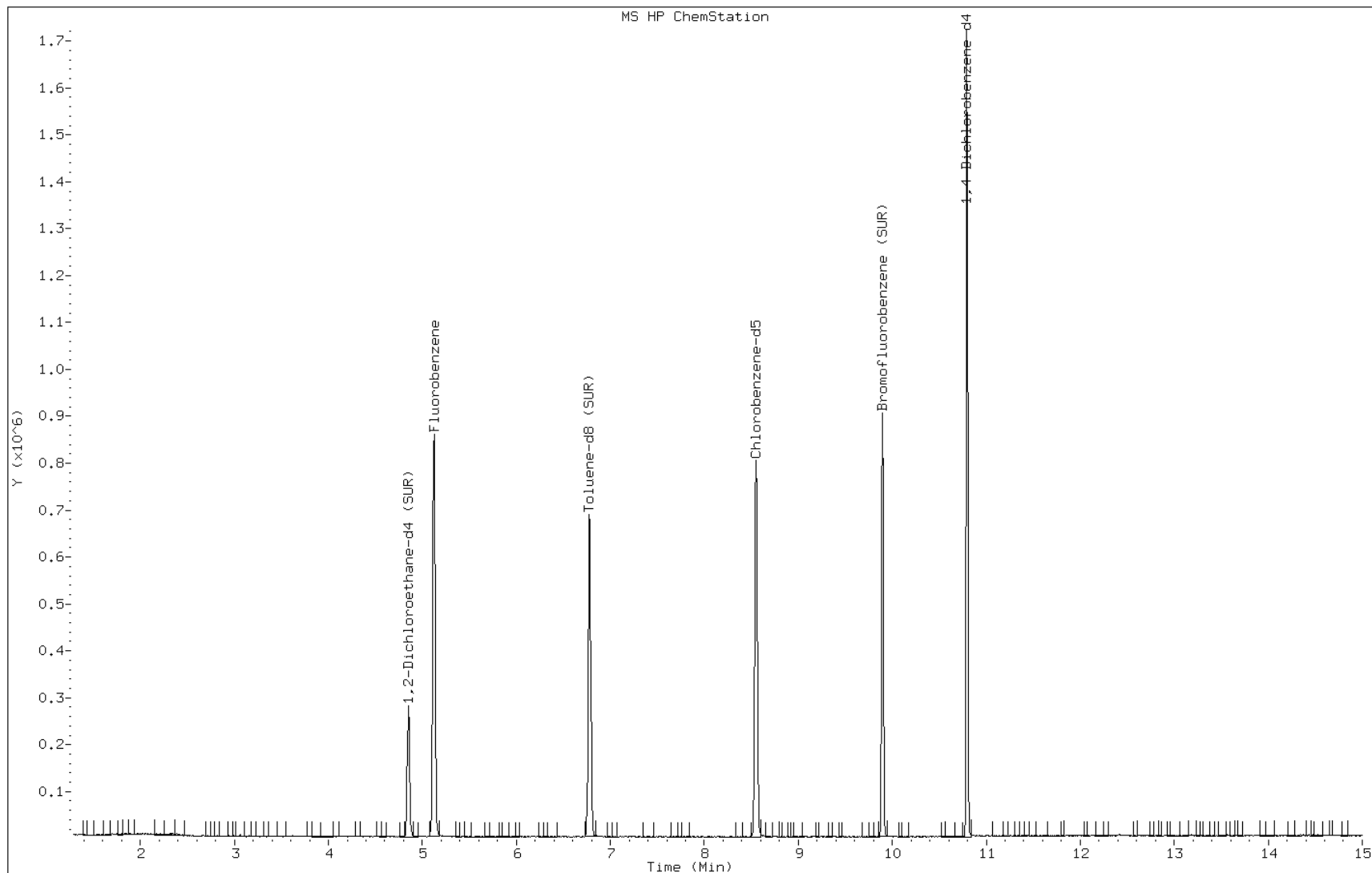
Date: 09-APR-2013 22:03

Client ID:

Instrument: VOAMS10.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-154086/3

Matrix: Water Lab File ID: r00715.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 10:55

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.4		1.0	0.10
74-83-9	Bromomethane	18.2		1.0	0.18
75-01-4	Vinyl chloride	21.6		1.0	0.14
75-00-3	Chloroethane	17.2		1.0	0.17
75-09-2	Methylene Chloride	16.6		1.0	0.18
67-64-1	Acetone	19.7		5.0	2.7
75-15-0	Carbon disulfide	15.0		1.0	0.13
75-69-4	Trichlorofluoromethane	20.3		1.0	0.15
75-35-4	1,1-Dichloroethene	16.8		1.0	0.090
75-34-3	1,1-Dichloroethane	17.2		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	16.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.0		1.0	0.18
67-66-3	Chloroform	18.7		1.0	0.080
107-06-2	1,2-Dichloroethane	20.2		1.0	0.19
78-93-3	2-Butanone	19.0		5.0	2.3
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.060
56-23-5	Carbon tetrachloride	19.1		1.0	0.060
75-27-4	Bromodichloromethane	19.5		1.0	0.12
78-87-5	1,2-Dichloropropane	18.8		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.18
79-01-6	Trichloroethene	21.3		1.0	0.090
124-48-1	Dibromochloromethane	18.0		1.0	0.20
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.19
71-43-2	Benzene	18.4		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.24
75-25-2	Bromoform	15.8		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	17.9		5.0	0.99
591-78-6	2-Hexanone	17.9		5.0	0.50
127-18-4	Tetrachloroethene	21.3		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1.0	0.16
108-88-3	Toluene	20.4		1.0	0.15
108-90-7	Chlorobenzene	19.7		1.0	0.11
100-41-4	Ethylbenzene	19.2		1.0	0.10
100-42-5	Styrene	19.9		1.0	0.12
179601-23-1	m&p-Xylene	39.5		2.0	0.25
95-47-6	o-Xylene	19.4		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-154086/3
 Matrix: Water Lab File ID: r00715.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/04/2013 10:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.1		1.0	0.080
1634-04-4	Methyl tert-butyl ether	17.3		1.0	0.14
110-82-7	Cyclohexane	15.6		1.0	0.16
106-93-4	1,2-Dibromoethane	19.3		1.0	0.28
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.21
75-71-8	Dichlorodifluoromethane	17.3		1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	19.0		1.0	0.34
123-91-1	1,4-Dioxane	162		50	36
87-61-6	1,2,3-Trichlorobenzene	18.1		1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	15.8		1.0	0.40
74-97-5	Bromochloromethane	17.6		1.0	0.27
98-82-8	Isopropylbenzene	20.6		1.0	0.080
79-20-9	Methyl acetate	17.0		2.0	0.34
108-87-2	Methylcyclohexane	17.9		1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00715.d
 Report Date: 04-Apr-2013 12:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00715.d
 Lab Smp Id: LCS
 Inj Date : 04-APR-2013 10:55
 Operator : Inst ID: VOAMS10.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/8260_09.m
 Meth Date : 04-Apr-2013 11:41 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 23 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	80609	17.3485	17
3 Chloromethane	50	1.516	1.516	(0.296)	64362	16.3985	16
4 Vinyl Chloride	62	1.604	1.604	(0.313)	77683	21.5722	22
6 Bromomethane	94	1.875	1.869	(0.366)	37502	18.2253	18
5 Chloroethane	64	1.963	1.957	(0.383)	41864	17.1573	17
182 Dichlorofluoromethane	67	2.133	2.127	(0.416)	139399	19.9456	20
7 Trichlorofluoromethane	101	2.139	2.133	(0.417)	133870	20.3244	20
8 n-Pentane	72	2.180	2.180	(0.425)	20442	27.2312	27
9 Ethanol	46	2.333	2.339	(0.455)	35950	3242.29	3200(R)
11 Ethyl Ether	59	2.374	2.374	(0.463)	55121	18.9768	19
10 Isoprene	67	2.386	2.386	(0.466)	87468	17.9856	18
14 Freon TF	101	2.527	2.527	(0.493)	67531	18.0935	18
13 Acrolein	56	2.533	2.533	(0.494)	20774	27.3758	27
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	56090	16.7854	17
16 Acetone	58	2.656	2.656	(0.518)	8645	19.7441	20
17 Iodomethane	142	2.709	2.709	(0.529)	55762	14.3351	14

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00715.d
 Report Date: 04-Apr-2013 12:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	192298	14.9831	15
20 Allyl Chloride	76	2.873	2.874	(0.561)	38271	17.2338	17
170 Cyclopentene	67	2.891	2.891	(0.564)	180875	16.7974	17
21 Acetonitrile	39	2.938	2.938	(0.573)	37851	378.133	380
22 Methylene Chloride	84	2.997	2.991	(0.585)	72418	16.6135	17
24 TBA	59	3.062	3.067	(0.598)	129306	326.505	330
28 MTBE	73	3.156	3.156	(0.616)	233403	17.3203	17
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	69917	16.4889	16
26 Acrylonitrile	53	3.250	3.250	(0.634)	33434	20.2569	20
29 Hexane	56	3.332	3.332	(0.650)	40092	15.0008	15
27 Methyl Acetate	43	2.891	2.891	(0.564)	59432	16.9861	17
32 DIPE	45	3.537	3.543	(0.690)	195943	16.6049	17
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	121667	17.2460	17
31 Vinyl Acetate	43	3.584	3.584	(0.700)	221273	32.0259	32
33 Allyl Alcohol	57	3.596	3.602	(0.702)	172960	2706.19	2700
34 n-Propanol	42	3.643	3.649	(0.711)	50820	2892.70	2900
35 t-Butyl-ethyl-ether	87	3.855	3.849	(0.752)	96894	16.8112	17
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	108822	16.8652	17
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	75413	15.9541	16(R)
38 2-Butanone	72	4.101	4.096	(0.800)	10786	19.0320	19
39 Ethyl Acetate	70	4.101	4.102	(0.800)	18975	31.1344	31
173 Propionitrile	54	4.225	4.225	(0.825)	19081	33.3862	33
40 Bromochloromethane	128	4.295	4.295	(0.838)	38376	17.5734	18
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	22092	16.1503	16
174 Methacrylonitrile	67	4.325	4.325	(0.844)	68778	33.0079	33
42 Chloroform	83	4.348	4.348	(0.849)	136225	18.6832	19
44 Cyclohexane	56	4.472	4.478	(0.873)	103719	15.6372	16
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	122335	18.8588	19
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	99402	19.1062	19
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	99107	18.6443	19
181 Isobutyl Alcohol	43	4.771	4.771	(0.931)	358542	2536.46	2500
48 Benzene	78	4.836	4.836	(0.956)	296083	18.3768	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.946)	170331	53.7544	54
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	335188	35.4857	35
50 t-Amyl-methyl-ether	73	4.906	4.906	(0.958)	223021	18.2463	18
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	120424	20.1534	20
51 n-Heptane	57	4.995	4.995	(0.975)	37562	16.1942	16
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	685968	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.335	5.335	(1.041)	55174	34.6013	35
53 n-Butanol	41	5.429	5.429	(1.060)	85179	1386.85	1400
54 Trichloroethene	95	5.471	5.471	(1.068)	92531	21.2857	21
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	132101	17.9171	18
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	203321	18.7844	19
57 1,2-Dichloropropane	63	5.758	5.753	(1.124)	74267	18.8041	19
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	25574	17.5957	18
60 1,4-Dioxane	88	5.876	5.882	(1.147)	7338	162.482	160
58 Dibromomethane	93	5.882	5.882	(1.148)	54596	20.5978	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00715.d
 Report Date: 04-Apr-2013 12:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.899	5.899	(1.151)	104173	17.4427	17
68 Bromodichloromethane	83	6.035	6.035	(1.178)	107398	19.4642	19
62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.244)	14534	4.93895	4.9(R)
63 Epichlorohydrin	57	6.475	6.475	(0.757)	158354	373.353	370
67 cis-1,3-Dichloropropene	75	6.534	6.528	(0.764)	123494	18.0496	18
70 4-Methyl-2-Pentanone	43	6.704	6.699	(0.784)	67178	17.8865	18
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	471182	50.6515	51
66 Toluene	91	6.851	6.851	(0.801)	357312	20.4283	20
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	112448	17.5614	18
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	101367	17.2924	17
69 1,1,2-Trichloroethane	83	7.415	7.409	(0.867)	60358	18.6171	19
71 Tetrachloroethene	166	7.451	7.456	(0.871)	93392	21.3461	21
72 1,3-Dichloropropane	76	7.621	7.627	(0.891)	127950	19.5321	20
73 2-Hexanone	43	7.691	7.697	(0.900)	47043	17.8957	18
76 Butyl Acetate	73	7.809	7.809	(0.913)	44499	35.8449	36
74 Dibromochloromethane	129	7.850	7.850	(0.918)	70758	17.9564	18
77 1,2-Dibromoethane	107	8.003	7.997	(0.936)	77891	19.3236	19
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	478759	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	228958	19.6931	20
81 Ethylbenzene	106	8.690	8.690	(1.016)	122793	19.2343	19
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	75951	19.4927	19
82 m+p-Xylene	106	8.855	8.855	(1.036)	314791	39.4615	39
83 Butyl Acrylate	73	9.337	9.337	(1.092)	55360	16.1344	16
84 o-Xylene	106	9.342	9.343	(1.093)	154574	19.3656	19
85 Styrene	104	9.378	9.372	(1.097)	270602	19.9346	20
86 Bromoform	173	9.583	9.583	(1.121)	43990	15.7574	16
87 Amyl Acetate	43	9.578	9.578	(0.887)	116870	17.5309	18
88 Isopropylbenzene	105	9.713	9.713	(1.136)	411469	20.6284	21
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	210967	49.6922	50
90 Camphene (total)	41	9.912	9.912	(1.159)	29215	18.1286	18
91 Bromobenzene	156	10.012	10.012	(0.928)	107576	19.1688	19
92 1,1,2,2-Tetrachloroethane	83	10.059	10.059	(0.932)	97191	16.5855	16
95 n-Propylbenzene	91	10.083	10.083	(0.934)	499010	18.7022	19
93 1,2,3-Trichloropropane	110	10.095	10.100	(0.935)	38735	20.1551	20
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	22064	14.0091	14
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	354418	19.8659	20
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	436897	21.8818	22
97 1,3,5-Trimethylbenzene	105	10.241	10.242	(0.949)	380706	20.2088	20
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	340085	20.2494	20
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	105489	16.6559	17
100 tert-Butylbenzene	119	10.476	10.477	(0.971)	307366	18.8057	19
101 1,2,4-Trimethylbenzene	105	10.529	10.529	(0.976)	377201	18.5125	18
102 2-Octanone	43	10.629	10.629	(0.985)	99481	16.6444	17
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	455153	18.1645	18
104 2-Octanol	45	10.665	10.665	(0.988)	15758	8.85653	8.8
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	404405	18.7560	19
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	215997	19.8078	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/04apr13.b/r00715.d
 Report Date: 04-Apr-2013 12:12

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4		152	10.794	10.794	(1.000)	285974	50.0000	
109 1,4-Dichlorobenzene		146	10.811	10.811	(1.002)	215963	19.1928	19
110 Benzyl Chloride		126	10.911	10.911	(1.011)	37243	13.5601	14(R)
171 Indan		117	10.958	10.958	(2.139)	367720	19.6142	20
184 1,4-Diethylbenzene		119	10.999	10.999	(2.147)	244437	20.1621	20
106 n-Butylbenzene		91	11.017	11.017	(1.021)	462002	18.8423	19
111 1,2-Dichlorobenzene		146	11.058	11.058	(1.024)	208225	19.3174	19
186 1,2,4,5-Tetramethylbenzene		119	11.522	11.522	(2.249)	379344	18.7067	19
112 1,2-Dibromo-3-chloropropane		75	11.605	11.605	(1.075)	22128	15.8405	16
113 Camphor		95	12.122	12.122	(1.123)	48583	74.0012	74
114 1,2,4-Trichlorobenzene		180	12.192	12.198	(1.130)	157827	19.0402	19
115 Hexachlorobutadiene		225	12.280	12.280	(1.138)	72118	19.3553	19
116 Naphthalene		128	12.410	12.410	(1.150)	383655	16.4460	16
117 1,2,3-Trichlorobenzene		180	12.621	12.621	(1.169)	145066	18.1482	18
M 120 1,2-Dichloroethene (Total)		100				145330	32.4430	32
M 121 Xylene (Total)		100				469366	58.8272	59

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00715.d

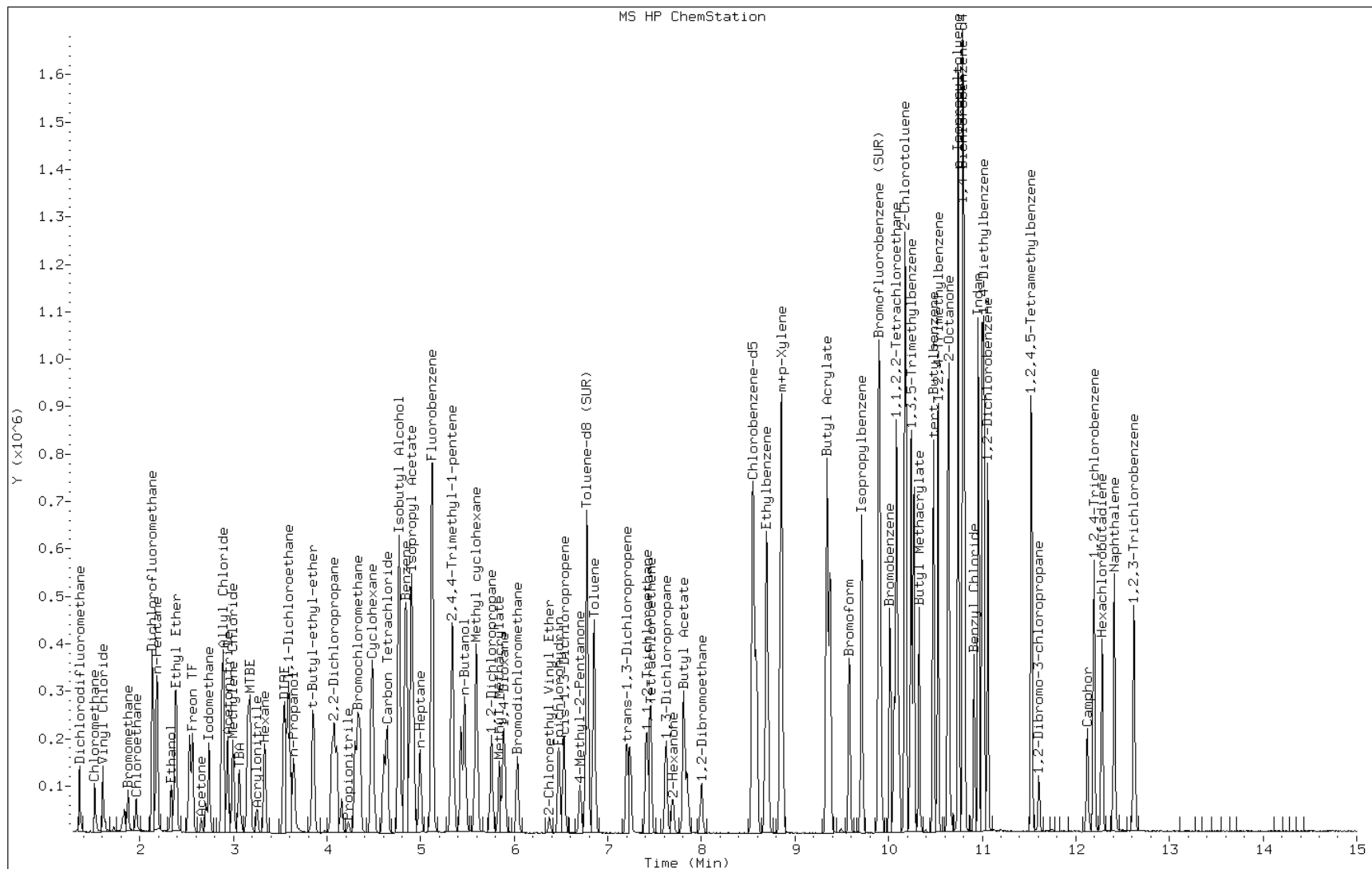
Date: 04-APR-2013 10:55

Client ID:

Instrument: VOAMS10.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-154239/3

Matrix: Water Lab File ID: r00746.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 06:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.8		1.0	0.10
74-83-9	Bromomethane	22.4		1.0	0.18
75-01-4	Vinyl chloride	20.4		1.0	0.14
75-00-3	Chloroethane	18.9		1.0	0.17
75-09-2	Methylene Chloride	20.0		1.0	0.18
67-64-1	Acetone	23.5		5.0	2.7
75-15-0	Carbon disulfide	20.1		1.0	0.13
75-69-4	Trichlorofluoromethane	22.4		1.0	0.15
75-35-4	1,1-Dichloroethene	21.7		1.0	0.090
75-34-3	1,1-Dichloroethane	19.9		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.18
67-66-3	Chloroform	21.5		1.0	0.080
107-06-2	1,2-Dichloroethane	22.0		1.0	0.19
78-93-3	2-Butanone	21.9		5.0	2.3
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.060
56-23-5	Carbon tetrachloride	21.7		1.0	0.060
75-27-4	Bromodichloromethane	19.3		1.0	0.12
78-87-5	1,2-Dichloropropane	18.5		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.18
79-01-6	Trichloroethene	20.1		1.0	0.090
124-48-1	Dibromochloromethane	18.7		1.0	0.20
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.19
71-43-2	Benzene	20.9		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.24
75-25-2	Bromoform	17.3		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	19.8		5.0	0.99
591-78-6	2-Hexanone	20.5		5.0	0.50
127-18-4	Tetrachloroethene	20.7		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.16
108-88-3	Toluene	20.4		1.0	0.15
108-90-7	Chlorobenzene	19.7		1.0	0.11
100-41-4	Ethylbenzene	19.2		1.0	0.10
100-42-5	Styrene	19.8		1.0	0.12
179601-23-1	m&p-Xylene	39.9		2.0	0.25
95-47-6	o-Xylene	19.7		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-154239/3
 Matrix: Water Lab File ID: r00746.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 06:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.5		1.0	0.080
1634-04-4	Methyl tert-butyl ether	20.6		1.0	0.14
110-82-7	Cyclohexane	19.4		1.0	0.16
106-93-4	1,2-Dibromoethane	20.3		1.0	0.28
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.21
75-71-8	Dichlorodifluoromethane	20.7		1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	19.6		1.0	0.34
123-91-1	1,4-Dioxane	178		50	36
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.40
74-97-5	Bromochloromethane	20.7		1.0	0.27
98-82-8	Isopropylbenzene	20.7		1.0	0.080
79-20-9	Methyl acetate	19.4		2.0	0.34
108-87-2	Methylcyclohexane	19.0		1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00746.d
 Report Date: 05-Apr-2013 09:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00746.d
 Lab Smp Id: LCS
 Inj Date : 05-APR-2013 06:58
 Operator : Inst ID: VOAMS10.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 23 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	94724	20.7344	21
3 Chloromethane	50	1.516	1.516	(0.296)	64711	16.7688	17
4 Vinyl Chloride	62	1.604	1.605	(0.313)	72298	20.4196	20
6 Bromomethane	94	1.875	1.869	(0.366)	45276	22.3791	22
5 Chloroethane	64	1.957	1.957	(0.382)	45427	18.9351	19
182 Dichlorofluoromethane	67	2.127	2.127	(0.415)	146280	21.2875	21
7 Trichlorofluoromethane	101	2.133	2.133	(0.416)	145192	22.4196	22
8 n-Pentane	72	2.180	2.180	(0.426)	27640	37.4479	37
9 Ethanol	46	2.333	2.339	(0.455)	40931	3754.47	3800(R)
11 Ethyl Ether	59	2.374	2.374	(0.463)	61070	21.3838	21
10 Isoprene	67	2.386	2.386	(0.466)	102208	21.3752	21
14 Freon TF	101	2.527	2.527	(0.493)	82728	22.5435	22
13 Acrolein	56	2.533	2.533	(0.494)	30337	40.6604	41
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	71362	21.7203	22
16 Acetone	58	2.656	2.656	(0.518)	10111	23.4855	23
17 Iodomethane	142	2.709	2.709	(0.529)	99660	26.0578	26

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00746.d
 Report Date: 05-Apr-2013 09:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.739	(0.534)	254231	20.1469	20
20 Allyl Chloride	76	2.874	2.874	(0.561)	44333	20.3046	20
170 Cyclopentene	67	2.891	2.891	(0.564)	217962	20.5872	20
21 Acetonitrile	39	2.938	2.938	(0.573)	42561	432.452	430
22 Methylene Chloride	84	2.997	2.997	(0.585)	85640	19.9822	20
24 TBA	59	3.062	3.068	(0.598)	169378	434.992	430
28 MTBE	73	3.156	3.156	(0.616)	272334	20.5542	20
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	84272	20.2138	20
26 Acrylonitrile	53	3.250	3.250	(0.634)	35783	22.0501	22
29 Hexane	56	3.332	3.332	(0.650)	53421	20.3291	20
27 Methyl Acetate	43	2.891	2.891	(0.564)	66826	19.4253	19
32 DIPE	45	3.543	3.538	(0.692)	222891	19.2111	19
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	138292	19.9372	20
31 Vinyl Acetate	43	3.585	3.585	(0.700)	354160	52.1345	52
33 Allyl Alcohol	57	3.596	3.602	(0.702)	214698	3416.60	3400
34 n-Propanol	42	3.643	3.649	(0.711)	65266	3778.39	3800
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.751)	110001	19.4112	19
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	130819	20.6204	21
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	85920	18.4873	18
38 2-Butanone	72	4.102	4.096	(0.800)	12183	21.8630	22
39 Ethyl Acetate	70	4.102	4.102	(0.800)	23366	38.9938	39
173 Propionitrile	54	4.225	4.225	(0.825)	24182	43.0341	43
40 Bromochloromethane	128	4.295	4.296	(0.838)	44427	20.6916	21
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	25508	18.9657	19
174 Methacrylonitrile	67	4.331	4.325	(0.845)	80424	39.2557	39
42 Chloroform	83	4.354	4.348	(0.850)	154114	21.4977	21
44 Cyclohexane	56	4.478	4.472	(0.874)	126247	19.3585	19
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	138660	21.7404	22
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	111117	21.7226	22
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	112385	21.5032	22
181 Isobutyl Alcohol	43	4.771	4.772	(0.931)	432745	3113.67	3100
48 Benzene	78	4.836	4.836	(0.566)	326511	20.8695	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.946)	178960	57.4421	57
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	375848	40.4696	40
50 t-Amyl-methyl-ether	73	4.907	4.901	(0.958)	241114	20.0634	20
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	129321	22.0120	22
51 n-Heptane	57	4.995	4.995	(0.975)	42962	18.8385	19
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	674452	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	57393	36.6076	37
53 n-Butanol	41	5.429	5.430	(1.060)	95034	1573.73	1600
54 Trichloroethene	95	5.471	5.471	(1.068)	85756	20.0639	20
56 Methyl cyclohexane	83	5.594	5.588	(1.092)	138084	19.0484	19
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	215047	20.2070	20
57 1,2-Dichloropropane	63	5.758	5.759	(1.124)	71729	18.4716	18
59 Methyl Methacrylate	100	5.835	5.841	(1.139)	26469	18.5228	18
60 1,4-Dioxane	88	5.870	5.882	(1.146)	7884	177.558	180
58 Dibromomethane	93	5.882	5.882	(1.148)	53796	20.6425	21

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.894	5.894	(1.150)	112952	19.2354	19
68 Bromodichloromethane	83	6.035	6.035	(1.178)	104781	19.3143	19
62 2-Chloroethyl Vinyl Ether	63	6.375	6.376	(1.244)	29833	10.3110	10
63 Epichlorohydrin	57	6.475	6.475	(0.757)	179300	435.340	440
67 cis-1,3-Dichloropropene	75	6.534	6.528	(0.764)	125985	18.9625	19
70 4-Methyl-2-Pentanone	43	6.704	6.705	(0.784)	72118	19.7743	20
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	455381	50.4122	50
66 Toluene	91	6.851	6.851	(0.801)	346577	20.4052	20
64 trans-1,3-Dichloropropene	75	7.198	7.204	(0.842)	116013	18.6582	19
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	106039	18.3983	18
69 1,1,2-Trichloroethane	83	7.415	7.410	(0.867)	59523	18.9070	19
71 Tetrachloroethene	166	7.457	7.457	(0.872)	87746	20.6536	21
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	124961	19.6444	20
73 2-Hexanone	43	7.692	7.692	(0.900)	52326	20.4988	20
76 Butyl Acetate	73	7.809	7.809	(0.913)	46724	38.7596	39
74 Dibromochloromethane	129	7.850	7.844	(0.918)	71643	18.7231	19
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	79630	20.3439	20
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	464900	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	222650	19.7215	20
81 Ethylbenzene	106	8.696	8.691	(1.017)	119190	19.2265	19
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	73785	19.5014	20
82 m+p-Xylene	106	8.855	8.849	(1.036)	309203	39.9165	40
83 Butyl Acrylate	73	9.337	9.337	(1.092)	58111	17.4410	17
84 o-Xylene	106	9.343	9.343	(1.093)	152803	19.7144	20
85 Styrene	104	9.372	9.372	(1.096)	260492	19.7619	20
86 Bromoform	173	9.583	9.584	(1.121)	46961	17.3229	17
87 Amyl Acetate	43	9.578	9.578	(0.887)	116312	17.3563	17
88 Isopropylbenzene	105	9.713	9.713	(1.136)	401037	20.7048	21
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	205656	48.1887	48
90 Camphene (total)	41	9.913	9.913	(1.159)	28667	18.3192	18
91 Bromobenzene	156	10.012	10.013	(0.928)	103991	18.4334	18
92 1,1,2,2-Tetrachloroethane	83	10.059	10.060	(0.932)	104436	17.7288	18
95 n-Propylbenzene	91	10.083	10.083	(0.934)	498544	18.5874	18
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	39003	20.1887	20
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	25925	16.3750	16
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	347832	19.3951	19
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	434272	22.1217	22
97 1,3,5-Trimethylbenzene	105	10.242	10.236	(0.949)	380184	20.0759	20
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	338152	20.0294	20
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	110465	17.3506	17
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	311362	18.9509	19
101 1,2,4-Trimethylbenzene	105	10.529	10.524	(0.976)	385847	18.8381	19
102 2-Octanone	43	10.629	10.629	(0.985)	105964	17.6367	18
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	466433	18.5176	18
104 2-Octanol	45	10.665	10.665	(0.988)	18316	10.2408	10
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	412057	19.0113	19
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	214837	19.5987	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00746.d
 Report Date: 05-Apr-2013 09:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	287472	50.0000	
109 1,4-Dichlorobenzene	146	10.811	10.812	(1.002)	222774	19.6949	20
110 Benzyl Chloride	126	10.911	10.911	(1.011)	43093	15.6081	16
171 Indan	117	10.958	10.958	(2.139)	366359	19.8753	20
184 1,4-Diethylbenzene	119	10.999	11.000	(2.147)	247067	20.7270	21
106 n-Butylbenzene	91	11.017	11.017	(1.021)	475431	19.2889	19
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	209618	19.3453	19
186 1,2,4,5-Tetramethylbenzene	119	11.522	11.523	(2.249)	389055	19.5131	20
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	24438	17.4032	17
113 Camphor	95	12.122	12.122	(1.123)	56529	85.6547	86
114 1,2,4-Trichlorobenzene	180	12.192	12.192	(1.130)	162910	19.5510	20
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	78451	20.9451	21
116 Naphthalene	128	12.410	12.410	(1.150)	402492	17.1635	17
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	153353	19.0850	19
M 120 1,2-Dichloroethene (Total)	100				170193	38.7011	39
M 121 Xylene (Total)	100				462006	59.6309	60

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00746.d

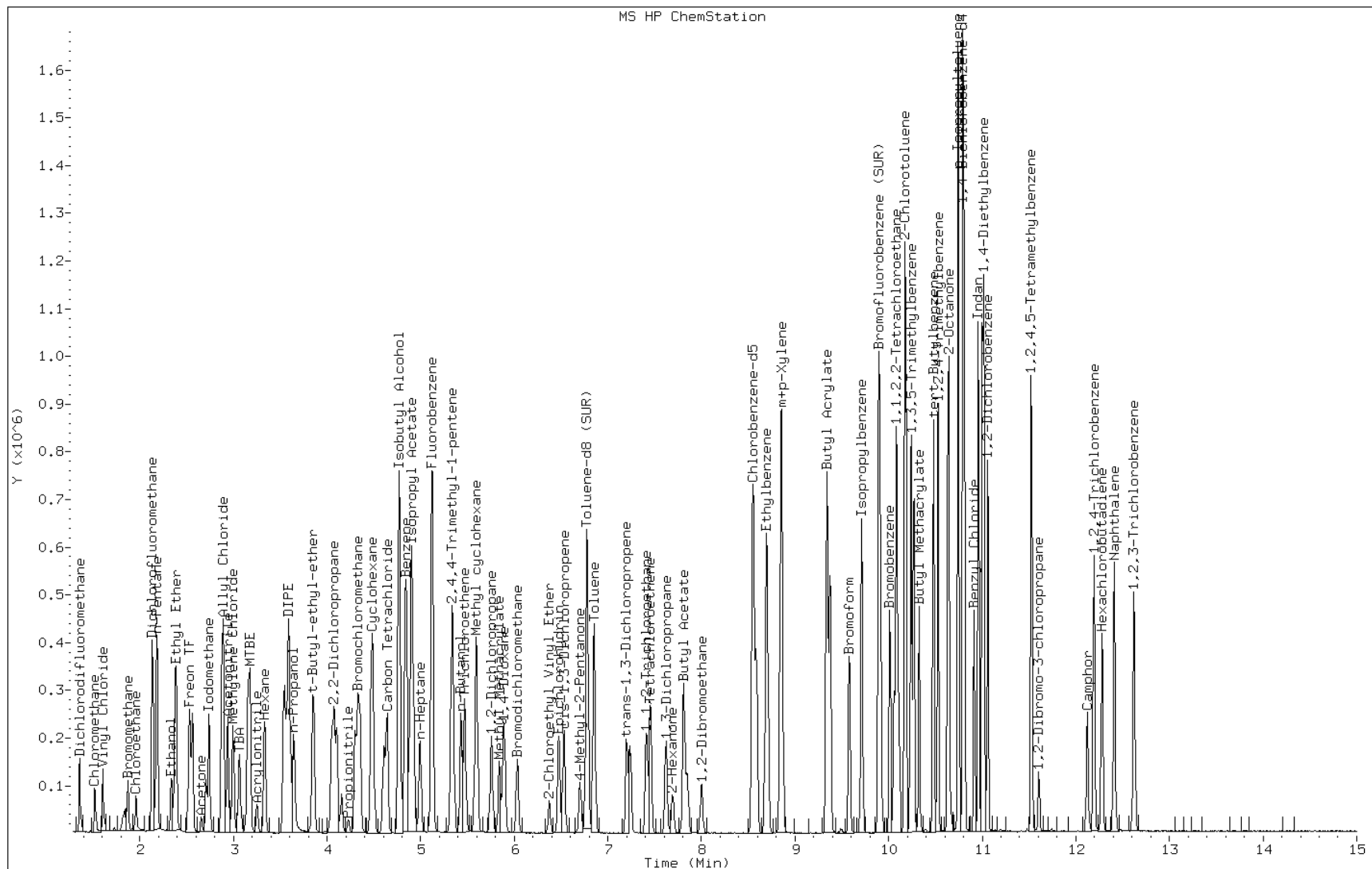
Date: 05-APR-2013 06:58

Client ID:

Instrument: VOAMS10.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-154374/3

Matrix: Water Lab File ID: r00773.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 19:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.7		1.0	0.10
74-83-9	Bromomethane	25.3		1.0	0.18
75-01-4	Vinyl chloride	23.2		1.0	0.14
75-00-3	Chloroethane	21.3		1.0	0.17
75-09-2	Methylene Chloride	20.8		1.0	0.18
67-64-1	Acetone	20.0		5.0	2.7
75-15-0	Carbon disulfide	20.7		1.0	0.13
75-69-4	Trichlorofluoromethane	26.8		1.0	0.15
75-35-4	1,1-Dichloroethene	22.8		1.0	0.090
75-34-3	1,1-Dichloroethane	21.6		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.18
67-66-3	Chloroform	22.9		1.0	0.080
107-06-2	1,2-Dichloroethane	24.0		1.0	0.19
78-93-3	2-Butanone	20.9		5.0	2.3
71-55-6	1,1,1-Trichloroethane	24.4		1.0	0.060
56-23-5	Carbon tetrachloride	24.9		1.0	0.060
75-27-4	Bromodichloromethane	22.8		1.0	0.12
78-87-5	1,2-Dichloropropane	19.9		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	21.0		1.0	0.18
79-01-6	Trichloroethene	22.0		1.0	0.090
124-48-1	Dibromochloromethane	23.1		1.0	0.20
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.19
71-43-2	Benzene	22.4		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	20.6		1.0	0.24
75-25-2	Bromoform	22.4		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	18.8		5.0	0.99
591-78-6	2-Hexanone	18.9		5.0	0.50
127-18-4	Tetrachloroethene	22.5		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.16
108-88-3	Toluene	21.8		1.0	0.15
108-90-7	Chlorobenzene	21.3		1.0	0.11
100-41-4	Ethylbenzene	20.6		1.0	0.10
100-42-5	Styrene	21.7		1.0	0.12
179601-23-1	m&p-Xylene	43.2		2.0	0.25
95-47-6	o-Xylene	20.7		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-154374/3
 Matrix: Water Lab File ID: r00773.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 19:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.7		1.0	0.080
1634-04-4	Methyl tert-butyl ether	20.0		1.0	0.14
110-82-7	Cyclohexane	18.1		1.0	0.16
106-93-4	1,2-Dibromoethane	21.4		1.0	0.28
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.14
106-46-7	1,4-Dichlorobenzene	20.4		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.21
75-71-8	Dichlorodifluoromethane	24.3		1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.34
123-91-1	1,4-Dioxane	152		50	36
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		1.0	0.40
74-97-5	Bromochloromethane	21.6		1.0	0.27
98-82-8	Isopropylbenzene	22.3		1.0	0.080
79-20-9	Methyl acetate	22.9		2.0	0.34
108-87-2	Methylcyclohexane	18.5		1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00773.d
 Report Date: 06-Apr-2013 07:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00773.d
 Lab Smp Id: LCS
 Inj Date : 05-APR-2013 19:28
 Operator : Inst ID: VOAMS10.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/8260_09.m
 Meth Date : 05-Apr-2013 20:25 jinf Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 23 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	104208	24.2736	24
3 Chloromethane	50	1.516	1.516	(0.296)	71333	19.6706	20
4 Vinyl Chloride	62	1.605	1.605	(0.313)	77108	23.1753	23
6 Bromomethane	94	1.875	1.875	(0.366)	48039	25.2680	25
5 Chloroethane	64	1.963	1.963	(0.383)	47993	21.2881	21
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	136003	21.0616	21
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	162821	26.7547	27
8 n-Pentane	72	2.180	2.186	(0.426)	25848	37.2657	37
9 Ethanol	46	2.333	2.333	(0.455)	35404	3455.82	3400(R)
11 Ethyl Ether	59	2.374	2.374	(0.463)	54116	20.1642	20
10 Isoprene	67	2.386	2.386	(0.466)	85551	19.0394	19
14 Freon TF	101	2.527	2.533	(0.493)	74846	21.7040	22
13 Acrolein	56	2.533	2.533	(0.494)	28023	39.9678	40
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	70288	22.7657	23
16 Acetone	58	2.656	2.656	(0.518)	8074	19.9563	20
17 Iodomethane	142	2.709	2.709	(0.529)	99840	27.7795	28

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00773.d
 Report Date: 06-Apr-2013 07:56

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.739	2.739	(0.534)	245945	20.7406	21
20 Allyl Chloride	76	2.874	2.874	(0.561)	38669	18.8464	19
170 Cyclopentene	67	2.891	2.891	(0.564)	191712	19.2694	19
21 Acetonitrile	39	2.938	2.938	(0.573)	40825	441.417	440
22 Methylene Chloride	84	2.997	2.997	(0.585)	83668	20.7744	21
24 TBA	59	3.062	3.062	(0.598)	142851	390.401	390
28 MTBE	73	3.156	3.156	(0.616)	249082	20.0054	20
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	84622	21.5998	22
26 Acrylonitrile	53	3.250	3.250	(0.634)	31447	20.6214	21
29 Hexane	56	3.332	3.332	(0.650)	48819	19.7695	20
27 Methyl Acetate	43	2.891	2.891	(0.564)	73983	22.8854	23
32 DIPE	45	3.544	3.544	(0.692)	199282	18.2781	18
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	140983	21.6290	22
31 Vinyl Acetate	43	3.585	3.585	(0.700)	305596	47.8716	48
33 Allyl Alcohol	57	3.596	3.596	(0.702)	184911	3131.35	3100
34 n-Propanol	42	3.643	3.643	(0.711)	56819	3500.36	3500
35 t-Butyl-ethyl-ether	87	3.855	3.849	(0.752)	103795	19.4911	19
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	139039	23.3221	23
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	88589	20.2844	20
38 2-Butanone	72	4.102	4.102	(0.800)	10939	20.8898	21
39 Ethyl Acetate	70	4.108	4.102	(0.802)	21938	38.9586	39
173 Propionitrile	54	4.225	4.225	(0.825)	20897	39.5727	40
40 Bromochloromethane	128	4.296	4.296	(0.838)	43523	21.5709	22
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	22556	17.8467	18
174 Methacrylonitrile	67	4.325	4.325	(0.844)	73484	38.1692	38
42 Chloroform	83	4.348	4.348	(0.849)	154088	22.8729	23
44 Cyclohexane	56	4.478	4.478	(0.874)	110912	18.0981	18
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	146501	24.4432	24
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	119885	24.9401	25(R)
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	100268	20.4155	20
181 Isobutyl Alcohol	43	4.772	4.766	(0.931)	388764	2976.67	3000
48 Benzene	78	4.836	4.836	(0.566)	329920	22.4370	22
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	175644	59.9945	60
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	350609	40.1740	40
50 t-Amyl-methyl-ether	73	4.901	4.901	(0.956)	226929	20.0944	20
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	132494	23.9988	24(R)
51 n-Heptane	57	4.995	4.995	(0.975)	38841	18.1240	18
* 52 Fluorobenzene	96	5.124	5.118	(1.000)	633792	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	54166	36.7654	37
53 n-Butanol	41	5.430	5.430	(1.060)	81236	1431.54	1400
54 Trichloroethene	95	5.471	5.471	(1.068)	88223	21.9653	22
56 Methyl cyclohexane	83	5.588	5.594	(1.091)	126220	18.5287	18
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	196085	19.6073	20
57 1,2-Dichloropropane	63	5.753	5.753	(1.123)	72692	19.9203	20
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	23993	17.8666	18
60 1,4-Dioxane	88	5.870	5.876	(1.146)	6350	152.178	150
58 Dibromomethane	93	5.882	5.882	(1.148)	55002	22.4590	22

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00773.d
 Report Date: 06-Apr-2013 07:56

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.894	5.900	(1.150)	104487	18.9353	19
68 Bromodichloromethane	83	6.035	6.035	(1.178)	116400	22.8323	23
62 2-Chloroethyl Vinyl Ether	63	6.376	6.376	(1.244)	45391	16.6945	17
63 Epichlorohydrin	57	6.475	6.475	(0.757)	157300	406.366	410
67 cis-1,3-Dichloropropene	75	6.534	6.528	(0.764)	131302	21.0276	21
70 4-Methyl-2-Pentanone	43	6.699	6.699	(0.784)	64286	18.7548	19
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	435489	51.2956	51
66 Toluene	91	6.851	6.851	(0.801)	347712	21.7822	22
64 trans-1,3-Dichloropropene	75	7.198	7.198	(0.842)	120316	20.5887	20
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	95099	17.5586	18
69 1,1,2-Trichloroethane	83	7.410	7.416	(0.867)	60811	20.5522	20
71 Tetrachloroethene	166	7.457	7.457	(0.872)	89874	22.5082	22
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	125447	20.9829	21
73 2-Hexanone	43	7.698	7.692	(0.900)	45395	18.9214	19
76 Butyl Acetate	73	7.809	7.809	(0.913)	42718	37.7039	38
74 Dibromochloromethane	129	7.850	7.850	(0.918)	83203	23.1356	23
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	78904	21.4484	21
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	436936	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	225517	21.2538	21
81 Ethylbenzene	106	8.696	8.691	(1.017)	119911	20.5806	20
80 1,1,1,2-Tetrachloroethane	131	8.708	8.702	(1.019)	80307	22.5834	22
82 m+p-Xylene	106	8.855	8.855	(1.036)	314156	43.1515	43
83 Butyl Acrylate	73	9.337	9.337	(1.092)	56332	17.9889	18
84 o-Xylene	106	9.343	9.343	(1.093)	150495	20.6593	21
85 Styrene	104	9.372	9.372	(1.096)	268545	21.6766	22
86 Bromoform	173	9.584	9.584	(1.121)	57003	22.3728	22
87 Amyl Acetate	43	9.578	9.578	(0.887)	101032	15.4959	15
88 Isopropylbenzene	105	9.713	9.713	(1.136)	406487	22.3292	22
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	199771	48.1131	48
90 Camphene (total)	41	9.913	9.913	(1.159)	28624	19.4618	19
91 Bromobenzene	156	10.013	10.013	(0.928)	106182	19.3458	19
92 1,1,2,2-Tetrachloroethane	83	10.060	10.060	(0.932)	107062	18.6807	19
95 n-Propylbenzene	91	10.083	10.083	(0.934)	504844	19.3463	19
93 1,2,3-Trichloropropane	110	10.101	10.095	(0.936)	38636	20.5554	20
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	25493	16.5502	16
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	356690	20.4428	20
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	390755	21.1820	21
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	385040	20.8985	21
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	342385	20.8448	21
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	104334	16.8439	17
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	313703	19.6250	20
101 1,2,4-Trimethylbenzene	105	10.530	10.530	(0.976)	396397	19.8920	20
102 2-Octanone	43	10.629	10.629	(0.985)	101358	17.3397	17
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	477407	19.4810	19
104 2-Octanol	45	10.665	10.665	(0.988)	16219	9.32037	9.3
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	419662	19.9013	20
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	219040	20.5385	20

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b/r00773.d
 Report Date: 06-Apr-2013 07:56

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	279685	50.0000	
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	224989	20.4446	20
110 Benzyl Chloride	126	10.911	10.911	(1.011)	46084	17.1561	17
171 Indan	117	10.959	10.958	(2.139)	343322	19.8204	20
184 1,4-Diethylbenzene	119	11.000	11.000	(2.147)	235658	21.0382	21
106 n-Butylbenzene	91	11.017	11.017	(1.021)	479849	20.0102	20
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	215850	20.4751	20
186 1,2,4,5-Tetramethylbenzene	119	11.523	11.523	(2.249)	362094	19.3260	19
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	26602	19.4714	19
113 Camphor	95	12.122	12.122	(1.123)	50590	78.7899	79
114 1,2,4-Trichlorobenzene	180	12.192	12.198	(1.130)	159612	19.6885	20
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	79029	21.6868	22
116 Naphthalene	128	12.410	12.410	(1.150)	377614	16.5510	16
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	144833	18.5265	18
M 120 1,2-Dichloroethene (Total)	100				173211	41.8842	42
M 121 Xylene (Total)	100				464651	63.8107	64

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00773.d

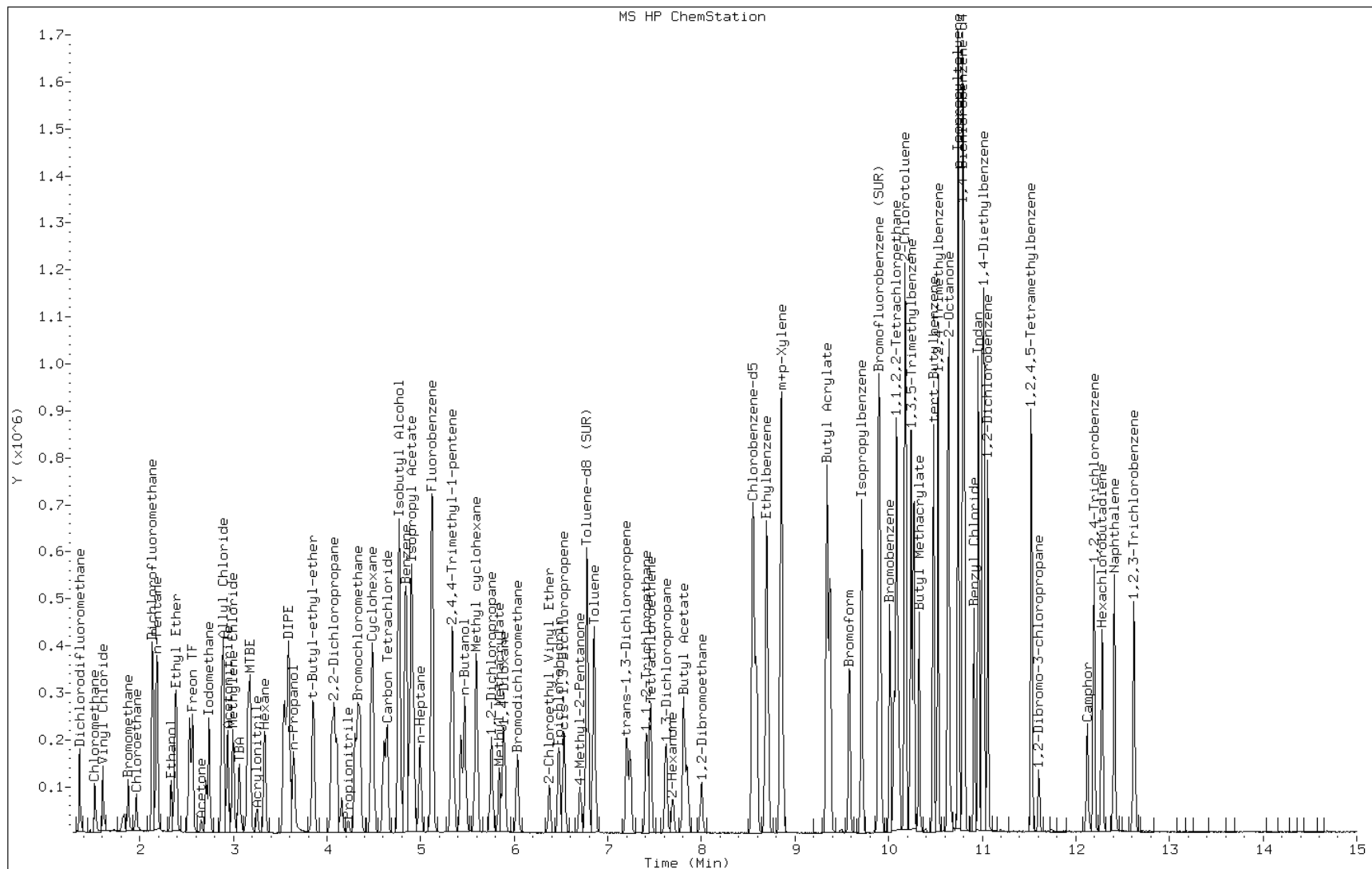
Date: 05-APR-2013 19:28

Client ID:

Instrument: VOAMS10.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-154524/3

Matrix: Water Lab File ID: r00854.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 08:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.0		1.0	0.10
74-83-9	Bromomethane	19.1		1.0	0.18
75-01-4	Vinyl chloride	22.0		1.0	0.14
75-00-3	Chloroethane	19.3		1.0	0.17
75-09-2	Methylene Chloride	20.6		1.0	0.18
67-64-1	Acetone	27.1		5.0	2.7
75-15-0	Carbon disulfide	21.6		1.0	0.13
75-69-4	Trichlorofluoromethane	23.7		1.0	0.15
75-35-4	1,1-Dichloroethene	21.3		1.0	0.090
75-34-3	1,1-Dichloroethane	20.2		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.18
67-66-3	Chloroform	22.2		1.0	0.080
107-06-2	1,2-Dichloroethane	22.7		1.0	0.19
78-93-3	2-Butanone	24.5		5.0	2.3
71-55-6	1,1,1-Trichloroethane	22.9		1.0	0.060
56-23-5	Carbon tetrachloride	23.7		1.0	0.060
75-27-4	Bromodichloromethane	22.5		1.0	0.12
78-87-5	1,2-Dichloropropane	18.8		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.18
79-01-6	Trichloroethene	20.6		1.0	0.090
124-48-1	Dibromochloromethane	23.3		1.0	0.20
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.19
71-43-2	Benzene	21.1		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.24
75-25-2	Bromoform	21.6		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	19.4		5.0	0.99
591-78-6	2-Hexanone	20.2		5.0	0.50
127-18-4	Tetrachloroethene	21.5		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.16
108-88-3	Toluene	20.7		1.0	0.15
108-90-7	Chlorobenzene	20.0		1.0	0.11
100-41-4	Ethylbenzene	19.6		1.0	0.10
100-42-5	Styrene	19.3		1.0	0.12
179601-23-1	m&p-Xylene	39.4		2.0	0.25
95-47-6	o-Xylene	18.6		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-154524/3
 Matrix: Water Lab File ID: r00854.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/08/2013 08:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154524 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.6		1.0	0.080
1634-04-4	Methyl tert-butyl ether	20.9		1.0	0.14
110-82-7	Cyclohexane	18.3		1.0	0.16
106-93-4	1,2-Dibromoethane	20.5		1.0	0.28
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.23
95-50-1	1,2-Dichlorobenzene	18.3		1.0	0.21
75-71-8	Dichlorodifluoromethane	20.9		1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	18.7		1.0	0.34
123-91-1	1,4-Dioxane	163		50	36
87-61-6	1,2,3-Trichlorobenzene	17.6		1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.40
74-97-5	Bromochloromethane	21.1		1.0	0.27
98-82-8	Isopropylbenzene	19.7		1.0	0.080
79-20-9	Methyl acetate	20.2		2.0	0.34
108-87-2	Methylcyclohexane	17.9		1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00854.d
 Report Date: 08-Apr-2013 10:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00854.d
 Lab Smp Id: LCS
 Inj Date : 08-APR-2013 08:48
 Operator : Inst ID: VOAMS10.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/8260_09.m
 Meth Date : 08-Apr-2013 08:52 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 24 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	1.357	1.358	(0.265)	86784	20.8999	21	
3 Chloromethane	50	1.516	1.516	(0.296)	59635	17.0020	17	
4 Vinyl Chloride	62	1.604	1.604	(0.313)	70910	22.0345	22	
6 Bromomethane	94	1.875	1.869	(0.366)	35116	19.0965	19	
5 Chloroethane	64	1.963	1.957	(0.383)	42048	19.2830	19	
182 Dichlorofluoromethane	67	2.133	2.127	(0.417)	138314	22.1453	22	
7 Trichlorofluoromethane	101	2.139	2.133	(0.418)	139496	23.6986	24	
8 n-Pentane	72	2.186	2.180	(0.427)	24946	37.1839	37	
9 Ethanol	46	2.333	2.339	(0.456)	36658	3699.47	3700(R)	
11 Ethyl Ether	59	2.374	2.374	(0.464)	58749	22.6322	23	
10 Isoprene	67	2.386	2.386	(0.466)	93269	21.4604	21	
14 Freon TF	101	2.527	2.533	(0.494)	75317	22.5806	22	
13 Acrolein	56	2.538	2.533	(0.496)	22208	32.7474	33	
15 1,1-Dichloroethene	96	2.562	2.562	(0.501)	63684	21.3256	21	
16 Acetone	58	2.656	2.650	(0.519)	10607	27.1054	27	
17 Iodomethane	142	2.709	2.709	(0.529)	75581	21.7422	22	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00854.d
 Report Date: 08-Apr-2013 10:06

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.535)	247864	21.6107	22
20 Allyl Chloride	76	2.873	2.874	(0.561)	41134	20.7271	21
170 Cyclopentene	67	2.891	2.891	(0.565)	193608	20.1193	20
21 Acetonitrile	39	2.938	2.938	(0.574)	42077	470.369	470
22 Methylene Chloride	84	2.997	2.991	(0.586)	80343	20.6248	21
24 TBA	59	3.061	3.067	(0.598)	143892	406.571	410
28 MTBE	73	3.155	3.156	(0.617)	251926	20.9194	21
25 trans-1,2-Dichloroethene	96	3.173	3.179	(0.620)	75556	19.9392	20
26 Acrylonitrile	53	3.255	3.250	(0.636)	32195	21.8273	22
29 Hexane	56	3.332	3.332	(0.651)	44428	18.6010	19
27 Methyl Acetate	43	2.885	2.891	(0.564)	63138	20.1924	20
32 DIPE	45	3.537	3.543	(0.691)	205195	19.4582	19
30 1,1-Dichloroethane	63	3.567	3.567	(0.697)	127372	20.2030	20
31 Vinyl Acetate	43	3.584	3.584	(0.700)	344234	55.7514	56(R)
33 Allyl Alcohol	57	3.596	3.596	(0.703)	172653	3022.84	3000
34 n-Propanol	42	3.643	3.643	(0.712)	56181	3578.33	3600
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.752)	102409	19.8824	20
37 2,2-Dichloropropane	77	4.049	4.049	(0.791)	126217	21.8887	22
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.797)	80377	19.0276	19
38 2-Butanone	72	4.101	4.096	(0.801)	12431	24.5434	24(R)
39 Ethyl Acetate	70	4.101	4.102	(0.801)	21240	38.9971	39
173 Propionitrile	54	4.225	4.225	(0.825)	21091	41.2934	41
40 Bromochloromethane	128	4.295	4.295	(0.839)	41120	21.0705	21
41 Tetrahydrofuran	42	4.307	4.307	(0.842)	23575	19.2850	19
174 Methacrylonitrile	67	4.325	4.325	(0.845)	75309	40.4426	40
42 Chloroform	83	4.348	4.348	(0.850)	144963	22.2475	22
44 Cyclohexane	56	4.477	4.472	(0.875)	108185	18.2513	18
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.877)	132644	22.8811	23
45 Carbon Tetrachloride	117	4.607	4.607	(0.900)	109988	23.6565	24
46 1,1-Dichloropropene	75	4.642	4.642	(0.907)	99391	20.9227	21
181 Isobutyl Alcohol	43	4.765	4.771	(0.931)	360851	2856.57	2800
48 Benzene	78	4.836	4.836	(0.566)	292877	21.0719	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.848	4.848	(0.947)	168901	59.6460	60
61 Isopropyl Acetate	43	4.900	4.901	(0.958)	342310	40.5520	40
50 t-Amyl-methyl-ether	73	4.900	4.907	(0.958)	216238	19.7965	20
49 1,2-Dichloroethane	62	4.924	4.930	(0.962)	121131	22.6840	23
51 n-Heptane	57	4.989	4.995	(0.975)	37059	17.8784	18
* 52 Fluorobenzene	96	5.118	5.124	(1.000)	613021	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.335	5.341	(1.042)	48432	33.9873	34
53 n-Butanol	41	5.429	5.429	(1.061)	78087	1422.67	1400
54 Trichloroethene	95	5.470	5.471	(1.069)	79942	20.5779	20
56 Methyl cyclohexane	83	5.594	5.594	(1.093)	118206	17.9402	18
55 Ethyl Acrylate	55	5.594	5.594	(1.093)	192656	19.9171	20
57 1,2-Dichloropropane	63	5.758	5.758	(1.125)	66425	18.8197	19
59 Methyl Methacrylate	100	5.846	5.841	(1.142)	23948	18.4373	18
60 1,4-Dioxane	88	5.870	5.876	(1.147)	6568	162.736	160
58 Dibromomethane	93	5.882	5.882	(1.149)	51678	21.8167	22

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00854.d
 Report Date: 08-Apr-2013 10:06

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.899	5.899	(1.153)	98876	18.5256	18
68 Bromodichloromethane	83	6.029	6.035	(1.178)	110728	22.4557	22
62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.246)	23845	9.06718	9.1(R)
63 Epichlorohydrin	57	6.475	6.475	(0.757)	163809	447.703	450
67 cis-1,3-Dichloropropene	75	6.528	6.528	(0.764)	116905	19.8068	20
70 4-Methyl-2-Pentanone	43	6.698	6.704	(0.784)	62985	19.4400	19
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	423987	52.8347	53
66 Toluene	91	6.851	6.851	(0.801)	312283	20.6964	21
64 trans-1,3-Dichloropropene	75	7.204	7.198	(0.843)	110488	20.0025	20
175 Ethyl methacrylate	69	7.239	7.239	(1.414)	95893	18.3052	18
69 1,1,2-Trichloroethane	83	7.409	7.410	(0.867)	56719	20.2800	20
71 Tetrachloroethene	166	7.456	7.451	(0.872)	81127	21.4949	21
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	114614	20.2818	20
73 2-Hexanone	43	7.691	7.692	(0.900)	45919	20.2489	20
76 Butyl Acetate	73	7.809	7.809	(0.913)	40752	38.0530	38
74 Dibromochloromethane	129	7.844	7.844	(0.918)	79357	23.3448	23
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	71167	20.4662	20
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	413004	50.0000	
79 Chlorobenzene	112	8.584	8.585	(1.004)	200787	20.0196	20
81 Ethylbenzene	106	8.690	8.690	(1.016)	108057	19.6208	20
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	73867	21.9760	22
82 m+p-Xylene	106	8.855	8.855	(1.036)	270829	39.3558	39
83 Butyl Acrylate	73	9.337	9.337	(1.092)	51663	17.4539	17
84 o-Xylene	106	9.342	9.343	(1.093)	127891	18.5736	18
85 Styrene	104	9.372	9.372	(1.096)	226277	19.3232	19
86 Bromoform	173	9.583	9.583	(1.121)	51944	21.5686	22
87 Amyl Acetate	43	9.577	9.578	(0.887)	100169	17.0128	17
88 Isopropylbenzene	105	9.713	9.713	(1.136)	339744	19.7443	20
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	181999	48.5382	48
90 Camphene (total)	41	9.912	9.912	(1.159)	26021	18.7172	19
91 Bromobenzene	156	10.012	10.012	(0.928)	91729	18.5066	18
92 1,1,2,2-Tetrachloroethane	83	10.059	10.059	(0.932)	89657	17.3231	17
95 n-Propylbenzene	91	10.083	10.083	(0.934)	420272	17.8343	18
93 1,2,3-Trichloropropane	110	10.094	10.095	(0.935)	34273	20.1915	20
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	26125	18.7812	19
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	285498	18.1191	18
183 4-Ethyltoluene	105	10.183	10.183	(1.990)	351953	19.7250	20
97 1,3,5-Trimethylbenzene	105	10.235	10.242	(0.948)	322443	19.3796	19
98 4-Chlorotoluene	91	10.271	10.265	(0.952)	293081	19.7585	20
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	92987	16.6235	17
100 tert-Butylbenzene	119	10.476	10.477	(0.971)	264312	18.3102	18
101 1,2,4-Trimethylbenzene	105	10.529	10.529	(0.976)	330369	18.3583	18
102 2-Octanone	43	10.629	10.629	(0.985)	91955	17.4198	17
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	405467	18.3216	18
104 2-Octanol	45	10.664	10.665	(0.988)	14541	9.25310	9.2
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	358698	18.8362	19
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	187624	19.4813	19

Data File: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b/r00854.d
 Report Date: 08-Apr-2013 10:06

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	252572	50.0000	
109 1,4-Dichlorobenzene	146	10.811	10.811	(1.002)	194387	19.5599	20
110 Benzyl Chloride	126	10.911	10.911	(1.011)	39805	16.4093	16
171 Indan	117	10.958	10.958	(2.141)	295855	17.6588	18
184 1,4-Diethylbenzene	119	10.999	10.999	(2.149)	196781	18.1627	18
106 n-Butylbenzene	91	11.017	11.017	(1.021)	389214	17.9730	18
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	173902	18.2668	18
186 1,2,4,5-Tetramethylbenzene	119	11.522	11.522	(2.251)	325996	17.9888	18
112 1,2-Dibromo-3-chloropropane	75	11.604	11.605	(1.075)	22518	18.2514	18
113 Camphor	95	12.122	12.122	(1.123)	42166	72.7198	73
114 1,2,4-Trichlorobenzene	180	12.192	12.198	(1.130)	136544	18.6511	19
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	70496	21.4219	21
116 Naphthalene	128	12.409	12.410	(1.150)	325554	15.8010	16
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	124213	17.5945	18
M 120 1,2-Dichloroethene (Total)	100				155933	38.9668	39
M 121 Xylene (Total)	100				398720	57.9294	58

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00854.d

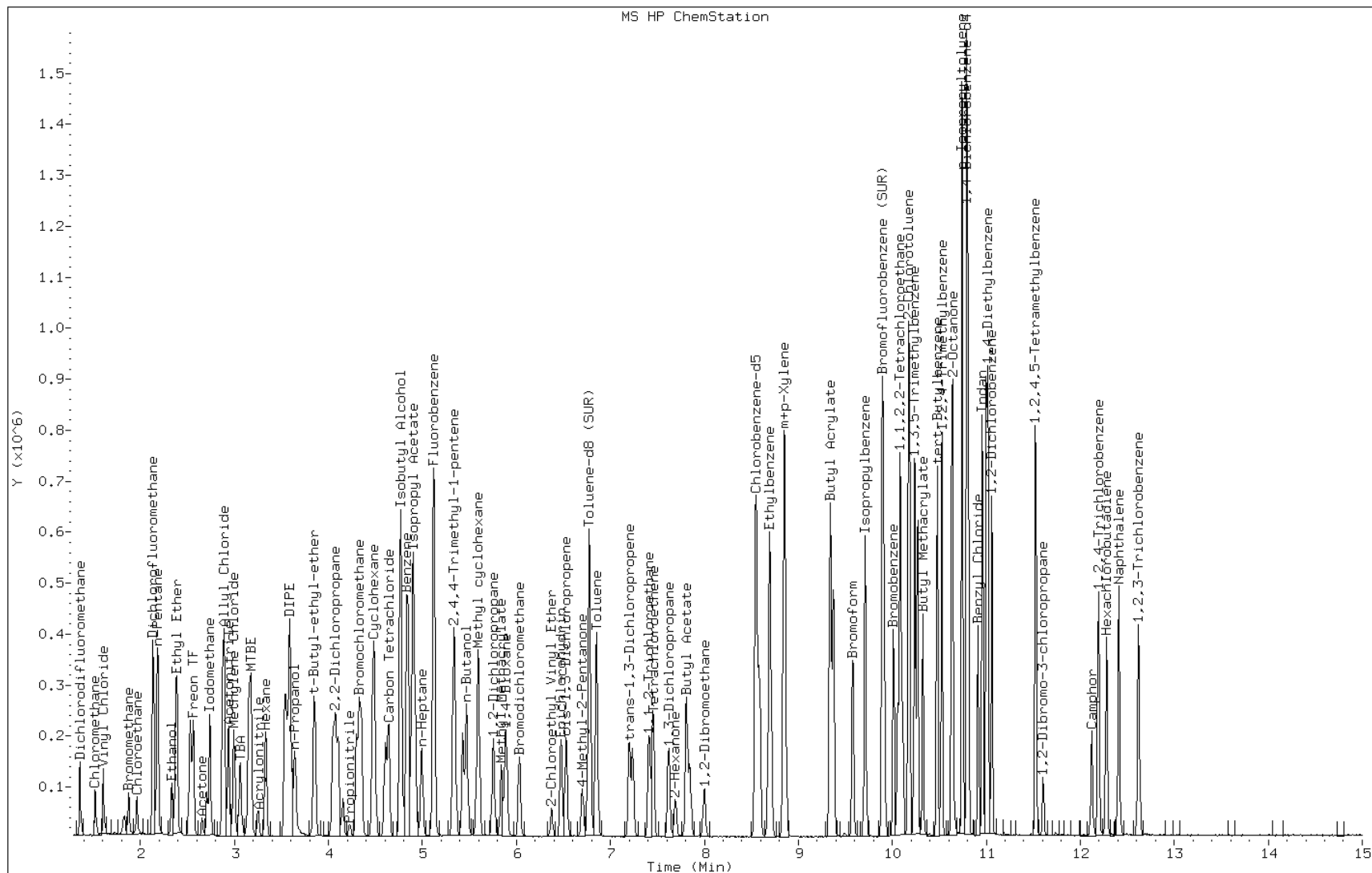
Date: 08-APR-2013 08:48

Client ID:

Instrument: VOAMS10.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-154820/3

Matrix: Water Lab File ID: r00934.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 20:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.1		1.0	0.10
74-83-9	Bromomethane	19.3		1.0	0.18
75-01-4	Vinyl chloride	21.4		1.0	0.14
75-00-3	Chloroethane	21.8		1.0	0.17
75-09-2	Methylene Chloride	21.7		1.0	0.18
67-64-1	Acetone	20.8		5.0	2.7
75-15-0	Carbon disulfide	20.7		1.0	0.13
75-69-4	Trichlorofluoromethane	24.6		1.0	0.15
75-35-4	1,1-Dichloroethene	21.8		1.0	0.090
75-34-3	1,1-Dichloroethane	21.8		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.18
67-66-3	Chloroform	22.3		1.0	0.080
107-06-2	1,2-Dichloroethane	21.8		1.0	0.19
78-93-3	2-Butanone	20.8		5.0	2.3
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.060
56-23-5	Carbon tetrachloride	22.9		1.0	0.060
75-27-4	Bromodichloromethane	22.6		1.0	0.12
78-87-5	1,2-Dichloropropane	20.5		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.18
79-01-6	Trichloroethene	21.4		1.0	0.090
124-48-1	Dibromochloromethane	25.1		1.0	0.20
79-00-5	1,1,2-Trichloroethane	22.4		1.0	0.19
71-43-2	Benzene	22.9		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.24
75-25-2	Bromoform	24.8		1.0	0.19
108-10-1	4-Methyl-2-pentanone (MIBK)	16.6		5.0	0.99
591-78-6	2-Hexanone	16.3		5.0	0.50
127-18-4	Tetrachloroethene	22.9		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	19.4		1.0	0.16
108-88-3	Toluene	22.4		1.0	0.15
108-90-7	Chlorobenzene	22.0		1.0	0.11
100-41-4	Ethylbenzene	20.5		1.0	0.10
100-42-5	Styrene	21.6		1.0	0.12
179601-23-1	m&p-Xylene	43.4		2.0	0.25
95-47-6	o-Xylene	21.8		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-154820/3
 Matrix: Water Lab File ID: r00934.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2013 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.2		1.0	0.080
1634-04-4	Methyl tert-butyl ether	18.0		1.0	0.14
110-82-7	Cyclohexane	17.6		1.0	0.16
106-93-4	1,2-Dibromoethane	22.3		1.0	0.28
541-73-1	1,3-Dichlorobenzene	21.6		1.0	0.14
106-46-7	1,4-Dichlorobenzene	21.3		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.21
75-71-8	Dichlorodifluoromethane	24.2		1.0	0.22
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.34
123-91-1	1,4-Dioxane	155		50	36
87-61-6	1,2,3-Trichlorobenzene	19.5		1.0	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.0	0.40
74-97-5	Bromochloromethane	23.0		1.0	0.27
98-82-8	Isopropylbenzene	22.0		1.0	0.080
79-20-9	Methyl acetate	21.1		2.0	0.34
108-87-2	Methylcyclohexane	18.2		1.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	4-Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00934.d
 Report Date: 10-Apr-2013 09:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00934.d
 Lab Smp Id: LCS
 Inj Date : 09-APR-2013 20:52
 Operator : Inst ID: VOAMS10.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/8260_09.m
 Meth Date : 09-Apr-2013 22:29 ken Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 23 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	139017	24.1960	24	
3 Chloromethane	50	1.516	1.516	(0.296)	87909	18.1135	18	
4 Vinyl Chloride	62	1.604	1.604	(0.313)	95269	21.3953	21	
6 Bromomethane	94	1.881	1.887	(0.367)	49192	19.3336	19	
5 Chloroethane	64	1.969	1.969	(0.384)	65899	21.8413	22	
182 Dichlorofluoromethane	67	2.133	2.133	(0.416)	175958	20.3608	20	
7 Trichlorofluoromethane	101	2.139	2.139	(0.417)	200146	24.5742	24	
8 n-Pentane	72	2.186	2.186	(0.427)	34104	36.7392	37	
9 Ethanol	46	2.333	2.327	(0.455)	44801	3267.60	3300(R)	
11 Ethyl Ether	59	2.374	2.374	(0.463)	69444	19.3345	19	
10 Isoprene	67	2.386	2.392	(0.466)	112459	18.7010	19	
14 Freon TF	101	2.533	2.527	(0.494)	102357	22.1784	22	
13 Acrolein	56	2.533	2.539	(0.494)	24080	25.6622	26	
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	89944	21.7678	22	
16 Acetone	58	2.656	2.656	(0.518)	11252	20.7808	21	
17 Iodomethane	142	2.709	2.709	(0.529)	96579	20.0791	20	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00934.d
 Report Date: 10-Apr-2013 09:42

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.738	2.738	(0.534)	328206	20.6810	21
20 Allyl Chloride	76	2.874	2.874	(0.561)	50032	18.2203	18
170 Cyclopentene	67	2.891	2.891	(0.564)	250270	18.7962	19
21 Acetonitrile	39	2.938	2.938	(0.573)	50980	411.874	410
22 Methylene Chloride	84	2.997	2.997	(0.585)	116761	21.6625	22
24 TBA	59	3.062	3.056	(0.598)	158734	324.145	320
28 MTBE	73	3.156	3.156	(0.616)	299500	17.9739	18
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	113121	21.5750	22
26 Acrylonitrile	53	3.250	3.250	(0.634)	39795	19.4989	19
29 Hexane	56	3.332	3.338	(0.650)	62127	18.7988	19
27 Methyl Acetate	43	2.891	2.891	(0.564)	91242	21.0893	21
32 DIPE	45	3.543	3.538	(0.692)	247550	16.9656	17
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	190154	21.7980	22
31 Vinyl Acetate	43	3.585	3.585	(0.700)	375070	43.9020	44
33 Allyl Alcohol	57	3.590	3.590	(0.701)	221328	2800.58	2800
34 n-Propanol	42	3.637	3.637	(0.710)	61849	2847.04	2800
35 t-Butyl-ethyl-ether	87	3.855	3.855	(0.752)	126021	17.6825	18
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	159758	20.0233	20
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	119543	20.4525	20
38 2-Butanone	72	4.102	4.096	(0.800)	14557	20.7717	21
39 Ethyl Acetate	70	4.102	4.107	(0.800)	26773	35.5259	36
173 Propionitrile	54	4.225	4.225	(0.825)	26744	37.8425	38
40 Bromochloromethane	128	4.295	4.296	(0.838)	62219	23.0417	23
41 Tetrahydrofuran	42	4.307	4.307	(0.841)	28558	16.8837	17
174 Methacrylonitrile	67	4.331	4.325	(0.845)	96254	37.3578	37
42 Chloroform	83	4.348	4.348	(0.849)	201381	22.3364	22
44 Cyclohexane	56	4.478	4.478	(0.874)	144670	17.6390	18
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	173805	21.6682	22
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	147626	22.9477	23
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	124274	18.9069	19
181 Isobutyl Alcohol	43	4.766	4.766	(0.930)	474715	2715.94	2700
48 Benzene	78	4.836	4.836	(0.566)	444992	22.8839	23
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.854	(0.947)	207838	53.0450	53
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	417084	35.7098	36
50 t-Amyl-methyl-ether	73	4.907	4.901	(0.958)	271429	17.9590	18
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	161300	21.8308	22
51 n-Heptane	57	4.995	4.995	(0.975)	51003	17.7828	18
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	848213	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	69654	35.3265	35
53 n-Butanol	41	5.429	5.424	(1.060)	96909	1276.03	1300
54 Trichloroethene	95	5.471	5.471	(1.068)	114847	21.3656	21
56 Methyl cyclohexane	83	5.594	5.594	(1.092)	166248	18.2354	18
55 Ethyl Acrylate	55	5.600	5.594	(1.093)	247170	18.4676	18
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	100342	20.5463	20
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	29448	16.3853	16
60 1,4-Dioxane	88	5.870	5.876	(1.146)	8664	155.145	160
58 Dibromomethane	93	5.882	5.882	(1.148)	74629	22.7699	23

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00934.d
 Report Date: 10-Apr-2013 09:42

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.900	5.900	(1.151)	122115	16.5357	16
68 Bromodichloromethane	83	6.035	6.029	(1.178)	154527	22.6487	23
62 2-Chloroethyl Vinyl Ether	63	6.375	6.375	(1.244)	52568	14.4466	14
63 Epichlorohydrin	57	6.475	6.475	(0.757)	189989	371.142	370
67 cis-1,3-Dichloropropene	75	6.534	6.528	(0.764)	171030	20.7116	21
70 4-Methyl-2-Pentanone	43	6.704	6.705	(0.784)	75139	16.5761	16
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	575258	51.2375	51
66 Toluene	91	6.851	6.851	(0.801)	472751	22.3943	22
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	149170	19.3023	19
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	118074	16.2896	16
69 1,1,2-Trichloroethane	83	7.410	7.415	(0.867)	87817	22.4428	22
71 Tetrachloroethene	166	7.457	7.451	(0.872)	120927	22.9009	23
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	167560	21.1932	21
73 2-Hexanone	43	7.692	7.697	(0.900)	51702	16.2958	16
76 Butyl Acetate	73	7.809	7.809	(0.913)	52464	35.0154	35
74 Dibromochloromethane	129	7.850	7.844	(0.918)	119213	25.0661	25(R)
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	108298	22.2607	22
* 78 Chlorobenzene-d5	117	8.549	8.549	(1.000)	577824	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	308719	22.0010	22
81 Ethylbenzene	106	8.690	8.696	(1.016)	157602	20.4542	20
80 1,1,1,2-Tetrachloroethane	131	8.702	8.702	(1.018)	111277	23.6626	24
82 m+p-Xylene	106	8.849	8.855	(1.035)	418281	43.4451	43
83 Butyl Acrylate	73	9.337	9.337	(1.092)	67338	16.2604	16
84 o-Xylene	106	9.343	9.343	(1.093)	210227	21.8225	22
85 Styrene	104	9.378	9.372	(1.097)	354494	21.6374	22
86 Bromoform	173	9.584	9.584	(1.121)	83481	24.7761	25(R)
87 Amyl Acetate	43	9.578	9.578	(0.887)	115394	13.0467	13
88 Isopropylbenzene	105	9.713	9.713	(1.136)	529645	22.0006	22
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	262828	46.6620	47
90 Camphene (total)	41	9.913	9.913	(1.159)	32654	16.7885	17
91 Bromobenzene	156	10.012	10.012	(0.928)	148384	19.9289	20
92 1,1,2,2-Tetrachloroethane	83	10.059	10.059	(0.932)	150920	19.4117	19
95 n-Propylbenzene	91	10.083	10.083	(0.934)	670011	18.9271	19
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	52894	20.7444	21
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	30610	14.6489	15
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	470282	19.8687	20
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	519428	21.0392	21
97 1,3,5-Trimethylbenzene	105	10.242	10.242	(0.949)	506152	20.2512	20
98 4-Chlorotoluene	91	10.271	10.265	(0.952)	452003	20.2854	20
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	135291	16.1007	16
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	409985	18.9069	19
101 1,2,4-Trimethylbenzene	105	10.529	10.530	(0.976)	527334	19.5072	20
102 2-Octanone	43	10.629	10.629	(0.985)	119740	15.1002	15
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	643684	19.3623	19
104 2-Octanol	45	10.665	10.665	(0.988)	24625	10.4315	10
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	561177	19.6174	20
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	313096	21.6413	22

Data File: /chem/VOAMS10.i/8260_09/03-21-13/09apr13a.b/r00934.d
 Report Date: 10-Apr-2013 09:42

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	379410	50.0000	
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	318276	21.3197	21
110 Benzyl Chloride	126	10.911	10.911	(1.011)	57142	15.6814	16
171 Indan	117	10.958	10.958	(2.139)	467793	20.1793	20
184 1,4-Diethylbenzene	119	11.000	11.000	(2.147)	322019	21.4807	21
106 n-Butylbenzene	91	11.017	11.017	(1.021)	615228	18.9123	19
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	301381	21.0741	21
186 1,2,4,5-Tetramethylbenzene	119	11.522	11.522	(2.249)	458560	18.2876	18
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	33021	17.8169	18
113 Camphor	95	12.122	12.122	(1.123)	61311	70.3890	70
114 1,2,4-Trichlorobenzene	180	12.198	12.192	(1.130)	222619	20.2428	20
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	105561	21.3537	21
116 Naphthalene	128	12.410	12.410	(1.150)	524004	16.9306	17
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	206864	19.5061	20
M 120 1,2-Dichloroethene (Total)	100				232664	42.0276	42
M 121 Xylene (Total)	100				628508	65.2675	65

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00934.d

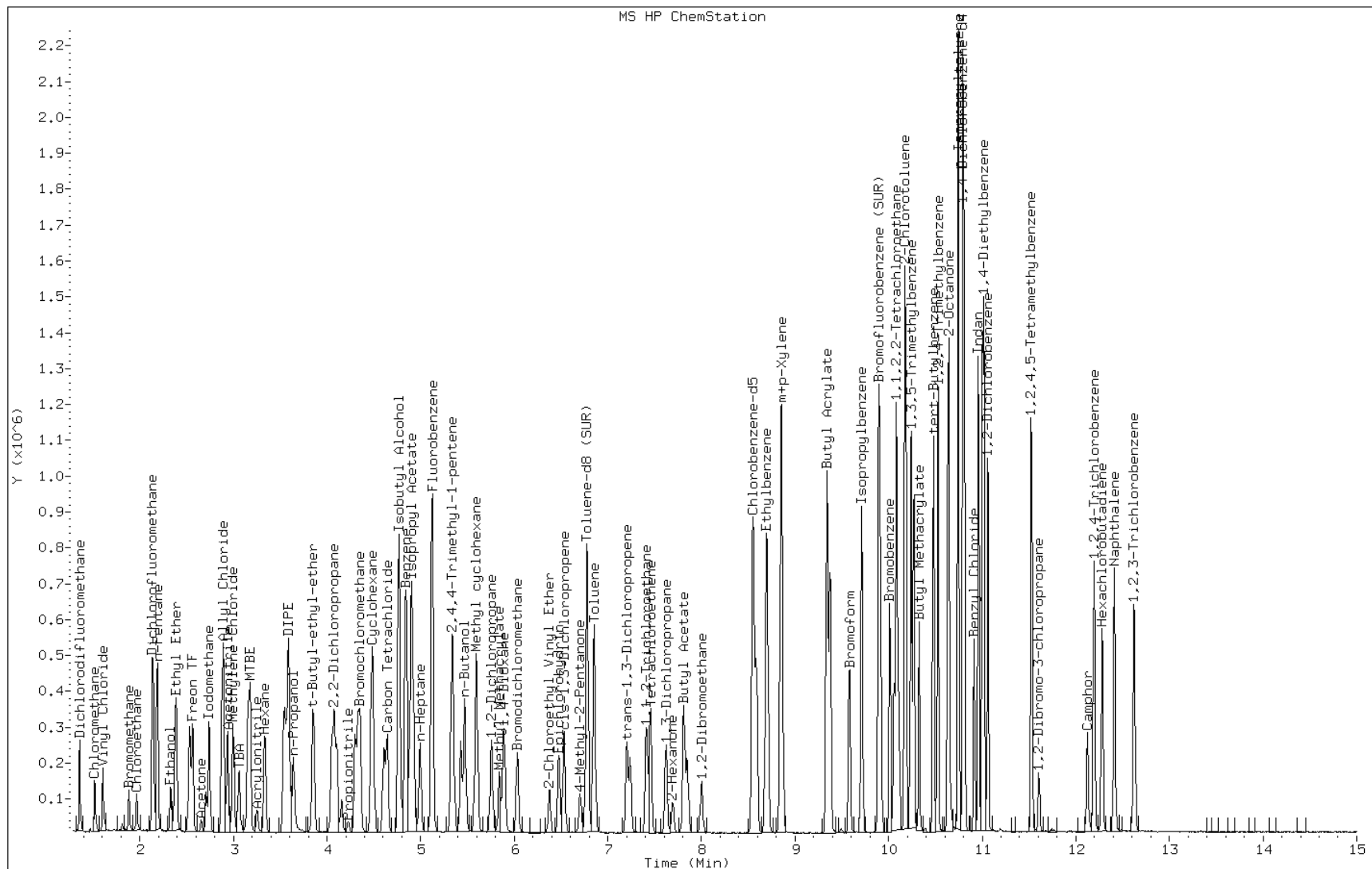
Date: 09-APR-2013 20:52

Client ID:

Instrument: VOAMS10.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: BP3A-CP-00-032813 MS Lab Sample ID: 460-53245-1 MS

Matrix: Water Lab File ID: r00769.d

Analysis Method: 8260B Date Collected: 03/26/2013 13:43

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 16:51

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	168		10	1.0
74-83-9	Bromomethane	205		10	1.8
75-01-4	Vinyl chloride	208		10	1.4
75-00-3	Chloroethane	199		10	1.7
75-09-2	Methylene Chloride	206		10	1.8
67-64-1	Acetone	214		50	27
75-15-0	Carbon disulfide	230		10	1.3
75-69-4	Trichlorofluoromethane	233		10	1.5
75-35-4	1,1-Dichloroethene	184		10	0.90
75-34-3	1,1-Dichloroethane	213		10	1.3
156-60-5	trans-1,2-Dichloroethene	202		10	1.3
156-59-2	cis-1,2-Dichloroethene	189		10	1.8
67-66-3	Chloroform	238		10	0.80
107-06-2	1,2-Dichloroethane	243		10	1.9
78-93-3	2-Butanone	195		50	23
71-55-6	1,1,1-Trichloroethane	242		10	0.60
56-23-5	Carbon tetrachloride	255		10	0.60
75-27-4	Bromodichloromethane	240		10	1.2
78-87-5	1,2-Dichloropropane	197		10	0.90
10061-01-5	cis-1,3-Dichloropropene	192		10	1.8
79-01-6	Trichloroethene	221		10	0.90
124-48-1	Dibromochloromethane	244		10	2.0
79-00-5	1,1,2-Trichloroethane	206		10	1.9
71-43-2	Benzene	221		10	0.80
10061-02-6	trans-1,3-Dichloropropene	187		10	2.4
75-25-2	Bromoform	231		10	1.9
108-10-1	4-Methyl-2-pentanone (MIBK)	188		50	9.9
591-78-6	2-Hexanone	179		50	5.0
127-18-4	Tetrachloroethene	220		10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	173		10	1.6
108-88-3	Toluene	213		10	1.5
108-90-7	Chlorobenzene	208		10	1.1
100-41-4	Ethylbenzene	196		10	1.0
100-42-5	Styrene	214		10	1.2
179601-23-1	m&p-Xylene	412		20	2.5
95-47-6	o-Xylene	200		10	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: BP3A-CP-00-032813 MS Lab Sample ID: 460-53245-1 MS
 Matrix: Water Lab File ID: r00769.d
 Analysis Method: 8260B Date Collected: 03/26/2013 13:43
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 16:51
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	201		10	0.80
1634-04-4	Methyl tert-butyl ether	200		10	1.4
110-82-7	Cyclohexane	189		10	1.6
106-93-4	1,2-Dibromoethane	209		10	2.8
541-73-1	1,3-Dichlorobenzene	193		10	1.4
106-46-7	1,4-Dichlorobenzene	193		10	2.3
95-50-1	1,2-Dichlorobenzene	191		10	2.1
75-71-8	Dichlorodifluoromethane	217		10	2.2
120-82-1	1,2,4-Trichlorobenzene	161		10	3.4
123-91-1	1,4-Dioxane	1410		500	360
87-61-6	1,2,3-Trichlorobenzene	148		10	5.1
96-12-8	1,2-Dibromo-3-Chloropropane	172		10	4.0
74-97-5	Bromochloromethane	211		10	2.7
98-82-8	Isopropylbenzene	214		10	0.80
79-20-9	Methyl acetate	201		20	3.4
108-87-2	Methylcyclohexane	184		10	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene	91		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00769.d
 Report Date: 05-Apr-2013 18:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00769.d
 Lab Smp Id: 460-53245-A-1MS
 Inj Date : 05-APR-2013 16:51
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-1MS;10
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 46 QC Sample: MS
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	80200		21.6748	220
3 Chloromethane	50	1.522	1.516	(0.297)	52540		16.8099	170
4 Vinyl Chloride	62	1.605	1.605	(0.313)	59630		20.7940	210
6 Bromomethane	94	1.881	1.869	(0.367)	33565		20.4839	200
5 Chloroethane	64	1.963	1.957	(0.383)	38635		19.8831	200
182 Dichlorofluoromethane	67	2.133	2.127	(0.416)	119465		21.4650	210
7 Trichlorofluoromethane	101	2.139	2.133	(0.417)	122162		23.2901	230
8 n-Pentane	72	2.186	2.180	(0.427)	19873		33.2426	330
9 Ethanol	46	2.333	2.339	(0.455)	24573		2783.02	28000
11 Ethyl Ether	59	2.374	2.374	(0.463)	45657		19.7382	200
10 Isoprene	67	2.386	2.386	(0.466)	76358		19.7164	200
14 Freon TF	101	2.533	2.527	(0.494)	59674		20.0770	200
13 Acrolein	56	2.533	2.533	(0.494)	17859		29.5533	300
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	49076		18.4424	180
16 Acetone	58	2.656	2.656	(0.518)	7472		21.4284	210
17 Iodomethane	142	2.709	2.709	(0.529)	73921		23.8636	240

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00769.d
 Report Date: 05-Apr-2013 18:13

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.739	2.739	(0.534)	234911	22.9843	230
20 Allyl Chloride	76	2.874	2.874	(0.561)	35390	20.0120	200
170 Cyclopentene	67	2.891	2.891	(0.564)	180359	21.0331	210
21 Acetonitrile	39	2.938	2.938	(0.573)	36570	458.774	4600
22 Methylene Chloride	84	2.997	2.997	(0.585)	71660	20.6440	210
24 TBA	59	3.062	3.068	(0.598)	108267	343.298	3400
28 MTBE	73	3.156	3.156	(0.616)	215008	20.0357	200
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	68202	20.1981	200
26 Acrylonitrile	53	3.250	3.250	(0.634)	25237	19.2016	190
29 Hexane	56	3.332	3.332	(0.650)	37993	17.8509	180
27 Methyl Acetate	43	2.891	2.891	(0.564)	55932	20.0741	200
32 DIPE	45	3.544	3.538	(0.692)	168342	17.9144	180
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	119804	21.3249	210
31 Vinyl Acetate	43	3.585	3.585	(0.700)	290592	52.8152	530
33 Allyl Alcohol	57	3.591	3.602	(0.701)	139480	2740.48	27000
34 n-Propanol	42	3.643	3.649	(0.711)	44524	3182.49	32000
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.751)	86269	18.7957	190
37 2,2-Dichloropropane	77	4.049	4.049	(0.790)	91878	17.8809	180
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	71182	18.9104	190
38 2-Butanone	72	4.096	4.096	(0.799)	8801	19.5018	200
39 Ethyl Acetate	70	4.108	4.102	(0.802)	17679	36.4267	360
173 Propionitrile	54	4.225	4.225	(0.825)	19495	42.8352	430
40 Bromochloromethane	128	4.296	4.296	(0.838)	36701	21.1048	210
41 Tetrahydrofuran	42	4.301	4.301	(0.839)	19487	17.8899	180
174 Methacrylonitrile	67	4.331	4.325	(0.845)	65196	39.2909	390
42 Chloroform	83	4.354	4.348	(0.850)	138313	23.8210	240
44 Cyclohexane	56	4.478	4.472	(0.874)	99775	18.8896	190
43 1,1,1-Trichloroethane	97	4.490	4.489	(0.876)	125242	24.2445	240
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	105838	25.5461	260(R)
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	88173	20.8295	210
181 Isobutyl Alcohol	43	4.772	4.772	(0.931)	297799	2645.53	26000
48 Benzene	78	4.836	4.836	(0.566)	274360	22.0902	220
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	159064	63.0368	63
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	303143	40.3009	400
50 t-Amyl-methyl-ether	73	4.907	4.901	(0.958)	191039	19.6270	200
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	115525	24.2781	240(R)
51 n-Heptane	57	4.995	4.995	(0.975)	26861	14.5423	140
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	546263	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.336	5.341	(1.041)	42426	33.4114	330
53 n-Butanol	41	5.430	5.430	(1.060)	63971	1307.93	13000
54 Trichloroethene	95	5.471	5.471	(1.068)	76592	22.1250	220
56 Methyl cyclohexane	83	5.594	5.588	(1.092)	107971	18.3896	180
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	170828	19.8188	200
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	61914	19.6855	200
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	20231	17.4799	170
60 1,4-Dioxane	88	5.870	5.882	(1.146)	5059	140.690	1400
58 Dibromomethane	93	5.882	5.882	(1.148)	49574	23.4864	230

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00769.d
 Report Date: 05-Apr-2013 18:13

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.894	5.894	(1.150)	84507	17.7686	180
68 Bromodichloromethane	83	6.035	6.035	(1.178)	105450	23.9989	240(R)
63 Epichlorohydrin	57	6.475	6.475	(0.757)	113161	346.106	3500
67 cis-1,3-Dichloropropene	75	6.534	6.528	(0.764)	101438	19.2328	190
70 4-Methyl-2-Pentanone	43	6.699	6.705	(0.784)	54444	18.8049	190
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	373762	52.1220	52
66 Toluene	91	6.851	6.851	(0.801)	286849	21.2745	210
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	92129	18.6648	190
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	81995	17.5651	180
69 1,1,2-Trichloroethane	83	7.416	7.410	(0.867)	51468	20.5938	200
71 Tetrachloroethene	166	7.457	7.457	(0.872)	74107	21.9730	220
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	104734	20.7404	210
73 2-Hexanone	43	7.692	7.692	(0.900)	36355	17.9404	180
76 Butyl Acetate	73	7.809	7.809	(0.913)	34214	35.7529	360
74 Dibromochloromethane	129	7.850	7.844	(0.918)	73984	24.3559	240(R)
77 1,2-Dibromoethane	107	8.003	8.003	(0.936)	64881	20.8805	210
* 78 Chlorobenzene-d5	117	8.550	8.550	(1.000)	369059	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	186452	20.8040	210
81 Ethylbenzene	106	8.696	8.691	(1.017)	96442	19.5971	200
80 1,1,1,2-Tetrachloroethane	131	8.708	8.702	(1.019)	69304	23.0739	230
82 m+p-Xylene	106	8.855	8.849	(1.036)	253082	41.1562	410
83 Butyl Acrylate	73	9.343	9.337	(1.093)	44186	16.7057	170
84 o-Xylene	106	9.343	9.343	(1.093)	122866	19.9686	200
85 Styrene	104	9.378	9.372	(1.097)	223745	21.3821	210
86 Bromoform	173	9.584	9.584	(1.121)	49663	23.0772	230
87 Amyl Acetate	43	9.578	9.578	(0.887)	88245	14.9070	150
88 Isopropylbenzene	105	9.713	9.713	(1.136)	328805	21.3840	210
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	170744	45.2915	45
90 Camphene (total)	41	9.907	9.913	(1.159)	7323	5.89543	59(R)
91 Bromobenzene	156	10.013	10.013	(0.928)	88970	17.8534	180
92 1,1,2,2-Tetrachloroethane	83	10.060	10.060	(0.932)	89980	17.2919	170
95 n-Propylbenzene	91	10.083	10.083	(0.934)	415942	17.5555	180
93 1,2,3-Trichloropropane	110	10.101	10.095	(0.936)	33470	19.6124	200
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	21635	15.4700	150
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	306023	19.3171	190
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	369544	23.2420	230
97 1,3,5-Trimethylbenzene	105	10.242	10.236	(0.949)	319261	19.0851	190
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	288766	19.3628	190
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	87993	15.6460	160
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	257133	17.7169	180
101 1,2,4-Trimethylbenzene	105	10.530	10.524	(0.976)	329178	18.1936	180
102 2-Octanone	43	10.630	10.629	(0.985)	82236	15.4949	150
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	403885	18.1518	180
104 2-Octanol	45	10.665	10.665	(0.988)	11991	7.58953	76
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	344455	17.9909	180
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	186873	19.2989	190
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	253939	50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00769.d
 Report Date: 05-Apr-2013 18:13

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	192984	19.3142	190
110 Benzyl Chloride	126	10.912	10.911	(1.011)	27797	11.3974	110(R)
171 Indan	117	10.959	10.958	(2.139)	315481	21.1315	210
184 1,4-Diethylbenzene	119	11.000	11.000	(2.147)	209865	21.7375	220
106 n-Butylbenzene	91	11.017	11.017	(1.021)	403046	18.5115	180
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	182784	19.0964	190
186 1,2,4,5-Tetramethylbenzene	119	11.528	11.523	(2.250)	303363	18.7857	190
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	21385	17.2403	170
113 Camphor	95	12.122	12.122	(1.123)	32910	56.4518	560
114 1,2,4-Trichlorobenzene	180	12.198	12.192	(1.130)	118365	16.0810	160
115 Hexachlorobutadiene	225	12.281	12.280	(1.138)	60933	18.4162	180
116 Naphthalene	128	12.410	12.410	(1.150)	295939	14.2862	140
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	104894	14.7780	150(R)
M 120 1,2-Dichloroethene (Total)	100				139385	39.1085	390
M 121 Xylene (Total)	100				375949	61.1248	610

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00769.d

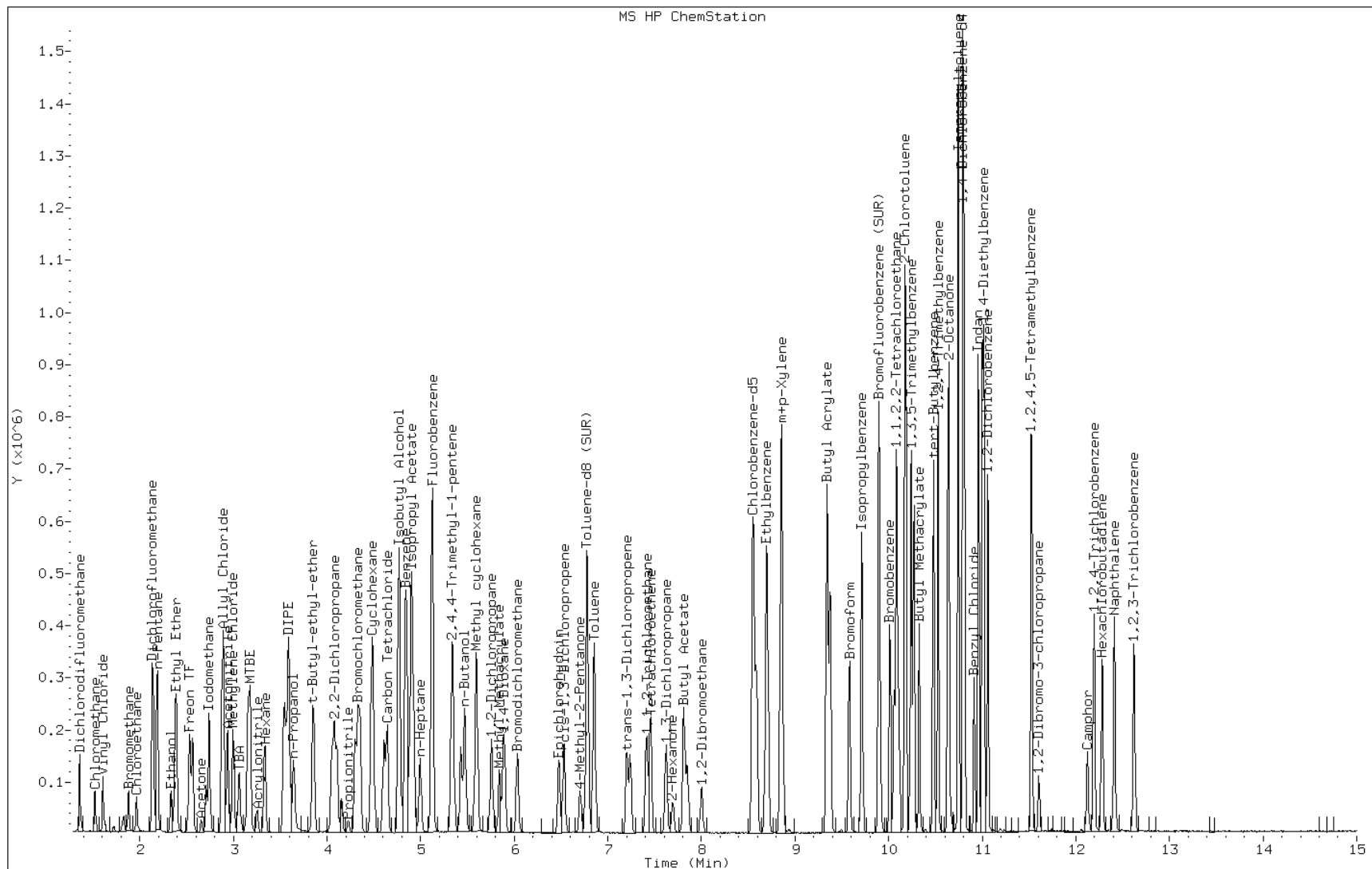
Date: 05-APR-2013 16:51

Client ID:

Instrument: VOAMS10.i

Sample Info: 460-53245-A-1MS;10

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Client Sample ID: BP3A-CP-00-032813 MSD Lab Sample ID: 460-53245-1 MSD

Matrix: Water Lab File ID: r00770.d

Analysis Method: 8260B Date Collected: 03/26/2013 13:43

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 17:15

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	168		10	1.0
74-83-9	Bromomethane	233		10	1.8
75-01-4	Vinyl chloride	211		10	1.4
75-00-3	Chloroethane	207		10	1.7
75-09-2	Methylene Chloride	202		10	1.8
67-64-1	Acetone	251		50	27
75-15-0	Carbon disulfide	220		10	1.3
75-69-4	Trichlorofluoromethane	244		10	1.5
75-35-4	1,1-Dichloroethene	216		10	0.90
75-34-3	1,1-Dichloroethane	205		10	1.3
156-60-5	trans-1,2-Dichloroethene	199		10	1.3
156-59-2	cis-1,2-Dichloroethene	184		10	1.8
67-66-3	Chloroform	224		10	0.80
107-06-2	1,2-Dichloroethane	235		10	1.9
78-93-3	2-Butanone	186		50	23
71-55-6	1,1,1-Trichloroethane	230		10	0.60
56-23-5	Carbon tetrachloride	244		10	0.60
75-27-4	Bromodichloromethane	223		10	1.2
78-87-5	1,2-Dichloropropane	191		10	0.90
10061-01-5	cis-1,3-Dichloropropene	188		10	1.8
79-01-6	Trichloroethene	209		10	0.90
124-48-1	Dibromochloromethane	231		10	2.0
79-00-5	1,1,2-Trichloroethane	203		10	1.9
71-43-2	Benzene	213		10	0.80
10061-02-6	trans-1,3-Dichloropropene	183		10	2.4
75-25-2	Bromoform	219		10	1.9
108-10-1	4-Methyl-2-pentanone (MIBK)	182		50	9.9
591-78-6	2-Hexanone	183		50	5.0
127-18-4	Tetrachloroethene	211		10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	183		10	1.6
108-88-3	Toluene	205		10	1.5
108-90-7	Chlorobenzene	200		10	1.1
100-41-4	Ethylbenzene	195		10	1.0
100-42-5	Styrene	204		10	1.2
179601-23-1	m&p-Xylene	393		20	2.5
95-47-6	o-Xylene	192		10	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-53245-1
 SDG No.: _____
 Client Sample ID: BP3A-CP-00-032813 MSD Lab Sample ID: 460-53245-1 MSD
 Matrix: Water Lab File ID: r00770.d
 Analysis Method: 8260B Date Collected: 03/26/2013 13:43
 Sample wt/vol: 5(mL) Date Analyzed: 04/05/2013 17:15
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 154239 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	224		10	0.80
1634-04-4	Methyl tert-butyl ether	196		10	1.4
110-82-7	Cyclohexane	180		10	1.6
106-93-4	1,2-Dibromoethane	199		10	2.8
541-73-1	1,3-Dichlorobenzene	193		10	1.4
106-46-7	1,4-Dichlorobenzene	194		10	2.3
95-50-1	1,2-Dichlorobenzene	192		10	2.1
75-71-8	Dichlorodifluoromethane	203		10	2.2
120-82-1	1,2,4-Trichlorobenzene	187		10	3.4
123-91-1	1,4-Dioxane	1250		500	360
87-61-6	1,2,3-Trichlorobenzene	174		10	5.1
96-12-8	1,2-Dibromo-3-Chloropropane	173		10	4.0
74-97-5	Bromochloromethane	208		10	2.7
98-82-8	Isopropylbenzene	206		10	0.80
79-20-9	Methyl acetate	188		20	3.4
108-87-2	Methylcyclohexane	175		10	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00770.d
 Report Date: 05-Apr-2013 18:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00770.d
 Lab Smp Id: 460-53245-A-1MSD
 Inj Date : 05-APR-2013 17:15
 Operator : Inst ID: VOAMS10.i
 Smp Info : 460-53245-A-1MSD;10
 Misc Info :
 Comment :
 Method : /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/8260_09.m
 Meth Date : 05-Apr-2013 08:14 desais Quant Type: ISTD
 Cal Date : 21-MAR-2013 16:01 Cal File: r00007.d
 Als bottle: 47 QC Sample: MSD
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.358	1.358	(0.265)	79660	20.3214	200
3 Chloromethane	50	1.516	1.516	(0.296)	55684	16.8165	170
4 Vinyl Chloride	62	1.605	1.605	(0.313)	64240	21.1451	210
6 Bromomethane	94	1.881	1.869	(0.367)	40498	23.3286	230
5 Chloroethane	64	1.963	1.957	(0.383)	42674	20.7301	210
182 Dichlorofluoromethane	67	2.133	2.127	(0.416)	134557	22.8207	230
7 Trichlorofluoromethane	101	2.139	2.133	(0.417)	135575	24.3976	240
8 n-Pentane	72	2.186	2.180	(0.427)	20692	32.6711	330
9 Ethanol	46	2.333	2.339	(0.455)	27682	2959.24	30000(R)
11 Ethyl Ether	59	2.374	2.374	(0.463)	53695	21.9116	220
10 Isoprene	67	2.386	2.386	(0.466)	86739	21.1407	210
14 Freon TF	101	2.527	2.527	(0.493)	70526	22.3973	220
13 Acrolein	56	2.539	2.533	(0.495)	21614	33.7606	340
15 1,1-Dichloroethene	96	2.562	2.562	(0.500)	60783	21.5608	220
16 Acetone	58	2.656	2.656	(0.518)	9262	25.0737	250
17 Iodomethane	142	2.709	2.709	(0.529)	89027	27.1281	270

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00770.d
 Report Date: 05-Apr-2013 18:53

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	2.739	2.739	(0.534)	237780	21.9602	220
20 Allyl Chloride	76	2.874	2.874	(0.561)	38115	20.3443	200
170 Cyclopentene	67	2.891	2.891	(0.564)	182378	20.0757	200
21 Acetonitrile	39	2.938	2.938	(0.573)	39783	471.084	4700
22 Methylene Chloride	84	2.997	2.997	(0.585)	74311	20.2069	200
24 TBA	59	3.062	3.068	(0.598)	119519	357.720	3600
28 MTBE	73	3.156	3.156	(0.616)	222741	19.5921	200
25 trans-1,2-Dichloroethene	96	3.179	3.179	(0.620)	71133	19.8847	200
26 Acrylonitrile	53	3.250	3.250	(0.634)	24703	17.7412	180
29 Hexane	56	3.338	3.332	(0.651)	36105	16.0125	160
27 Methyl Acetate	43	2.891	2.891	(0.564)	55439	18.7811	190
32 DIPE	45	3.543	3.538	(0.692)	181371	18.2183	180
30 1,1-Dichloroethane	63	3.567	3.567	(0.696)	122115	20.5171	200
31 Vinyl Acetate	43	3.585	3.585	(0.700)	305959	52.4893	520
33 Allyl Alcohol	57	3.596	3.602	(0.702)	148568	2755.32	28000
34 n-Propanol	42	3.643	3.649	(0.711)	46860	3161.57	32000
35 t-Butyl-ethyl-ether	87	3.849	3.849	(0.751)	91797	18.8784	190
37 2,2-Dichloropropane	77	4.055	4.049	(0.791)	95286	17.5041	180
36 cis-1,2-Dichloroethene	96	4.078	4.078	(0.796)	73483	18.4268	180
38 2-Butanone	72	4.102	4.096	(0.800)	8905	18.6242	190
39 Ethyl Acetate	70	4.102	4.102	(0.800)	18903	36.7635	370
173 Propionitrile	54	4.225	4.225	(0.825)	18714	38.8115	390
40 Bromochloromethane	128	4.296	4.296	(0.838)	38374	20.8291	210
41 Tetrahydrofuran	42	4.307	4.301	(0.841)	21033	18.2254	180
174 Methacrylonitrile	67	4.325	4.325	(0.844)	67400	38.3405	380
42 Chloroform	83	4.354	4.348	(0.850)	138068	22.4452	220
44 Cyclohexane	56	4.478	4.472	(0.874)	100612	17.9797	180
43 1,1,1-Trichloroethane	97	4.489	4.489	(0.876)	125733	22.9744	230
45 Carbon Tetrachloride	117	4.607	4.607	(0.899)	106975	24.3721	240(R)
46 1,1-Dichloropropene	75	4.642	4.642	(0.906)	92371	20.5975	200
181 Isobutyl Alcohol	43	4.766	4.772	(0.930)	310971	2607.60	26000
48 Benzene	78	4.836	4.836	(0.566)	279592	21.3008	210
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.854	4.848	(0.947)	164379	61.4897	61
61 Isopropyl Acetate	43	4.901	4.901	(0.956)	316497	39.7163	400
50 t-Amyl-methyl-ether	73	4.901	4.901	(0.956)	200758	19.4687	190
49 1,2-Dichloroethane	62	4.924	4.924	(0.961)	118392	23.4851	230
51 n-Heptane	57	4.995	4.995	(0.975)	28704	14.6687	150
* 52 Fluorobenzene	96	5.124	5.124	(1.000)	578722	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	5.341	5.341	(1.042)	41477	30.8320	310
53 n-Butanol	41	5.430	5.430	(1.060)	68782	1327.43	13000
54 Trichloroethene	95	5.471	5.471	(1.068)	76744	20.9255	210
56 Methyl cyclohexane	83	5.588	5.588	(1.091)	109147	17.5472	180
55 Ethyl Acrylate	55	5.594	5.594	(1.092)	175802	19.2519	190
57 1,2-Dichloropropane	63	5.759	5.759	(1.124)	63545	19.0710	190
59 Methyl Methacrylate	100	5.841	5.841	(1.140)	21804	17.7817	180
60 1,4-Dioxane	88	5.882	5.882	(1.148)	4752	124.723	1200
58 Dibromomethane	93	5.882	5.882	(1.148)	47925	21.4315	210

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	5.900	5.894	(1.151)	89453	17.7536	180
68 Bromodichloromethane	83	6.035	6.035	(1.178)	103625	22.2608	220
63 Epichlorohydrin	57	6.475	6.475	(0.757)	117584	340.293	3400
67 cis-1,3-Dichloropropene	75	6.534	6.528	(0.764)	104645	18.7738	190
70 4-Methyl-2-Pentanone	43	6.705	6.705	(0.784)	55825	18.2450	180
\$ 65 Toluene-d8 (SUR)	98	6.775	6.775	(0.792)	397476	52.4480	52
66 Toluene	91	6.851	6.851	(0.801)	292592	20.5334	200
64 trans-1,3-Dichloropropene	75	7.204	7.204	(0.843)	95601	18.3267	180
175 Ethyl methacrylate	69	7.239	7.239	(1.413)	85850	17.3594	170
69 1,1,2-Trichloroethane	83	7.415	7.410	(0.867)	53644	20.3104	200
71 Tetrachloroethene	166	7.457	7.457	(0.872)	75087	21.0664	210
72 1,3-Dichloropropane	76	7.621	7.621	(0.891)	107169	20.0813	200
73 2-Hexanone	43	7.692	7.692	(0.900)	39193	18.3010	180
76 Butyl Acetate	73	7.815	7.809	(0.914)	36819	36.4057	360
74 Dibromochloromethane	129	7.850	7.844	(0.918)	74111	23.0854	230
77 1,2-Dibromoethane	107	7.997	8.003	(0.935)	65393	19.9132	200
* 78 Chlorobenzene-d5	117	8.549	8.550	(1.000)	390035	50.0000	
79 Chlorobenzene	112	8.585	8.585	(1.004)	189569	20.0143	200
81 Ethylbenzene	106	8.696	8.691	(1.017)	101290	19.4753	190
80 1,1,1,2-Tetrachloroethane	131	8.708	8.702	(1.019)	69463	21.8829	220
82 m+p-Xylene	106	8.855	8.849	(1.036)	255682	39.3428	390
83 Butyl Acrylate	73	9.337	9.337	(1.092)	48662	17.4083	170
84 o-Xylene	106	9.343	9.343	(1.093)	124573	19.1572	190
85 Styrene	104	9.378	9.372	(1.097)	225119	20.3564	200
86 Bromoform	173	9.584	9.584	(1.121)	49886	21.9342	220
87 Amyl Acetate	43	9.578	9.578	(0.887)	93328	16.1901	160
88 Isopropylbenzene	105	9.713	9.713	(1.136)	334223	20.5673	200
\$ 89 Bromofluorobenzene (SUR)	174	9.895	9.895	(0.917)	177479	48.3455	48
90 Camphene (total)	41	9.913	9.913	(1.159)	6958	5.30024	53(R)
91 Bromobenzene	156	10.012	10.013	(0.928)	88255	18.1867	180
92 1,1,2,2-Tetrachloroethane	83	10.059	10.060	(0.932)	92662	18.2869	180
95 n-Propylbenzene	91	10.083	10.083	(0.934)	406703	17.6278	180
93 1,2,3-Trichloropropane	110	10.095	10.095	(0.935)	32743	19.7030	200
94 trans-1,4-Dichloro-2-butene	53	10.118	10.118	(0.937)	21450	15.7503	160
96 2-Chlorotoluene	91	10.171	10.171	(0.942)	297412	19.2791	190
183 4-Ethyltoluene	105	10.183	10.183	(1.987)	363557	21.5830	220
97 1,3,5-Trimethylbenzene	105	10.242	10.236	(0.949)	312410	19.1784	190
98 4-Chlorotoluene	91	10.271	10.271	(0.952)	289431	19.9299	200
99 Butyl Methacrylate	87	10.324	10.324	(0.956)	91709	16.7459	170
100 tert-Butylbenzene	119	10.477	10.477	(0.971)	257508	18.2206	180
101 1,2,4-Trimethylbenzene	105	10.530	10.524	(0.976)	320743	18.2047	180
102 2-Octanone	43	10.629	10.629	(0.985)	85146	16.4752	160
103 sec-Butylbenzene	105	10.641	10.641	(0.986)	390517	18.0236	180
104 2-Octanol	45	10.665	10.665	(0.988)	12438	8.08454	81
107 p-Isopropyltoluene	119	10.747	10.747	(0.996)	336950	18.0728	180
105 1,3-Dichlorobenzene	146	10.741	10.741	(0.995)	181867	19.2876	190
* 108 1,4-Dichlorobenzene-d4	152	10.794	10.794	(1.000)	247281	50.0000	

Data File: /chem/VOAMS10.i/8260_09/03-21-13/05apr13.b/r00770.d
 Report Date: 05-Apr-2013 18:53

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
109 1,4-Dichlorobenzene	146	10.812	10.812	(1.002)	189012	19.4261	190
110 Benzyl Chloride	126	10.917	10.911	(1.011)	29330	12.3501	120(R)
171 Indan	117	10.958	10.958	(2.139)	310745	19.6468	200
184 1,4-Diethylbenzene	119	11.000	11.000	(2.147)	202851	19.8326	200
106 n-Butylbenzene	91	11.017	11.017	(1.021)	394714	18.6169	190
111 1,2-Dichlorobenzene	146	11.058	11.058	(1.024)	178906	19.1946	190
186 1,2,4,5-Tetramethylbenzene	119	11.523	11.523	(2.249)	305649	17.8657	180
112 1,2-Dibromo-3-chloropropane	75	11.605	11.605	(1.075)	20913	17.3132	170
113 Camphor	95	12.122	12.122	(1.123)	39487	69.5581	700
114 1,2,4-Trichlorobenzene	180	12.198	12.192	(1.130)	133740	18.6591	190
115 Hexachlorobutadiene	225	12.280	12.280	(1.138)	65330	20.2771	200
116 Naphthalene	128	12.410	12.410	(1.150)	313636	15.5483	160
117 1,2,3-Trichlorobenzene	180	12.621	12.621	(1.169)	120305	17.4057	170
M 120 1,2-Dichloroethene (Total)	100				144617	38.3114	380
M 121 Xylene (Total)	100				380255	58.5000	580

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: r00770.d

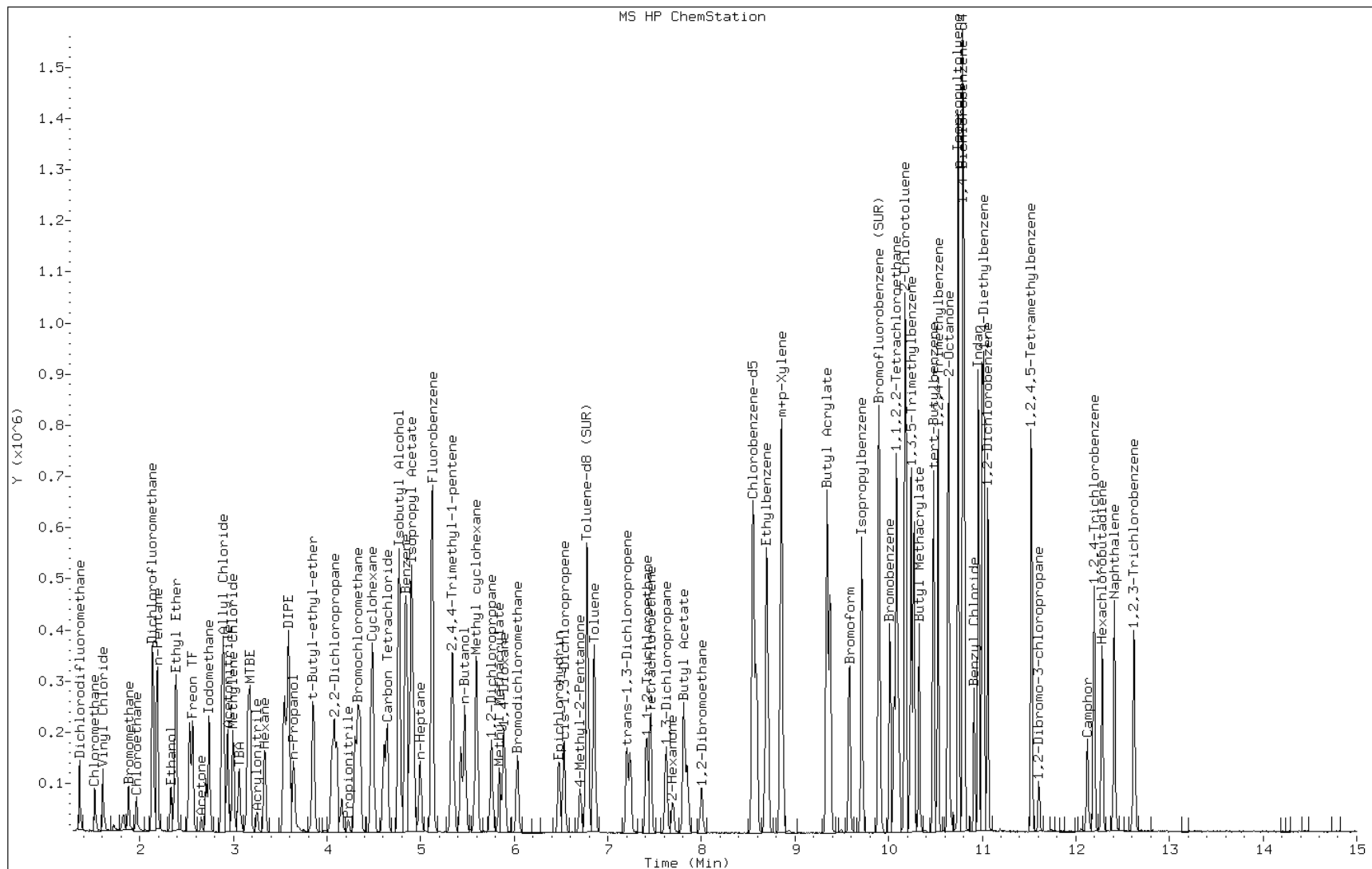
Date: 05-APR-2013 17:15

Client ID:

Instrument: VOAMS10.i

Sample Info: 460-53245-A-1MSD;10

Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Instrument ID: VOAMS10 Start Date: 03/21/2013 13:32Analysis Batch Number: 152343 End Date: 03/21/2013 16:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-152343/1		03/21/2013 13:32	1	r00001.d	Rtx-624 0.25 (mm)
ICIS 460-152343/2		03/21/2013 13:53	1	r00002.d	Rtx-624 0.25 (mm)
IC 460-152343/3		03/21/2013 14:19	1	r00003.d	Rtx-624 0.25 (mm)
IC 460-152343/4		03/21/2013 14:44	1	r00004.d	Rtx-624 0.25 (mm)
IC 460-152343/5		03/21/2013 15:10	1	r00005.d	Rtx-624 0.25 (mm)
IC 460-152343/6		03/21/2013 15:35	1	r00006.d	Rtx-624 0.25 (mm)
IC 460-152343/7		03/21/2013 16:01	1	r00007.d	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Instrument ID: VOAMS10 Start Date: 04/04/2013 10:06

Analysis Batch Number: 154086 End Date: 04/04/2013 21:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-154086/1		04/04/2013 10:06	1	r00713.d	Rtx-624 0.25 (mm)
CCVIS 460-154086/2		04/04/2013 10:25	1	r00714.d	Rtx-624 0.25 (mm)
LCS 460-154086/3		04/04/2013 10:55	1	r00715.d	Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 11:26	1		Rtx-624 0.25 (mm)
MB 460-154086/4		04/04/2013 11:52	1	r00717.d	Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 12:17	1		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 12:43	2		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 13:08	50		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 13:33	10		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 13:59	10		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 14:24	1		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 14:50	1		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 15:15	1		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 15:40	1		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 16:06	1		Rtx-624 0.25 (mm)
ZZZZZ		04/04/2013 16:31	1		Rtx-624 0.25 (mm)
460-53245-3	BP3C-CP-00-032813	04/04/2013 16:56	1	r00729.d	Rtx-624 0.25 (mm)
460-53245-4	DW1-CP-00-032813	04/04/2013 17:22	1	r00730.d	Rtx-624 0.25 (mm)
460-53245-5	DW2-CP-00-032813	04/04/2013 17:47	1	r00731.d	Rtx-624 0.25 (mm)
460-53245-6	EW01A-CP-00-032813	04/04/2013 18:13	1	r00732.d	Rtx-624 0.25 (mm)
460-53245-7	EW01A-CP-01-032813	04/04/2013 18:38	1	r00733.d	Rtx-624 0.25 (mm)
460-53245-8	EW01B-CP-00-032813	04/04/2013 19:03	1	r00734.d	Rtx-624 0.25 (mm)
460-53245-9	EW01C-CP-00-032813	04/04/2013 19:29	1	r00735.d	Rtx-624 0.25 (mm)
460-53245-10	EW02A-CP-00-032813	04/04/2013 19:54	1	r00736.d	Rtx-624 0.25 (mm)
460-53245-11	EW02B-CP-00-032813	04/04/2013 20:20	1	r00737.d	Rtx-624 0.25 (mm)
460-53245-12	EW02C-CP-00-032813	04/04/2013 20:45	1	r00738.d	Rtx-624 0.25 (mm)
460-53245-13	EW02D-CP-00-032813	04/04/2013 21:10	1	r00739.d	Rtx-624 0.25 (mm)
460-53245-14	EW03A-CP-00-032813	04/04/2013 21:36	1	r00740.d	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Instrument ID: VOAMS10 Start Date: 04/05/2013 06:10Analysis Batch Number: 154239 End Date: 04/05/2013 17:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-154239/1		04/05/2013 06:10	1	r00744.d	Rtx-624 0.25 (mm)
CCVIS 460-154239/2		04/05/2013 06:31	1	r00745.d	Rtx-624 0.25 (mm)
LCS 460-154239/3		04/05/2013 06:58	1	r00746.d	Rtx-624 0.25 (mm)
MB 460-154239/4		04/05/2013 07:56	1	r00748.d	Rtx-624 0.25 (mm)
460-53245-1	BP3A-CP-00-032813	04/05/2013 08:21	1	r00749.d	Rtx-624 0.25 (mm)
460-53245-2	BP3B-CP-00-032813	04/05/2013 08:47	1	r00750.d	Rtx-624 0.25 (mm)
460-53245-15	EW03B-CP-00-032813	04/05/2013 09:13	1	r00751.d	Rtx-624 0.25 (mm)
460-53245-16	EW03C-CP-00-032813	04/05/2013 09:38	1	r00752.d	Rtx-624 0.25 (mm)
460-53245-17	EW04A-CP-00-032813	04/05/2013 10:04	1	r00753.d	Rtx-624 0.25 (mm)
460-53245-18	EW04B-CP-00-032813	04/05/2013 10:29	1	r00754.d	Rtx-624 0.25 (mm)
460-53245-19	EW04C-CP-00-032813	04/05/2013 10:55	1	r00755.d	Rtx-624 0.25 (mm)
460-53245-20	EW04D-CP-00-032813	04/05/2013 11:20	1	r00756.d	Rtx-624 0.25 (mm)
460-53245-21	EW05-CP-00-032813	04/05/2013 11:46	1	r00757.d	Rtx-624 0.25 (mm)
460-53245-22	EW06A-CP-00-032813	04/05/2013 12:11	1	r00758.d	Rtx-624 0.25 (mm)
460-53245-23	EW06C-CP-00-032813	04/05/2013 12:37	1	r00759.d	Rtx-624 0.25 (mm)
460-53245-25	EW07D-CP-00-032813	04/05/2013 13:28	1	r00761.d	Rtx-624 0.25 (mm)
460-53245-26	EW08D-CP-00-032813	04/05/2013 13:53	1	r00762.d	Rtx-624 0.25 (mm)
460-53245-27	EW09D-CP-00-032813	04/05/2013 14:18	1	r00763.d	Rtx-624 0.25 (mm)
460-53245-28	EW10C-CP-00-032813	04/05/2013 14:44	1	r00764.d	Rtx-624 0.25 (mm)
460-53245-29	EW11D-CP-00-032813	04/05/2013 15:09	1	r00765.d	Rtx-624 0.25 (mm)
ZZZZZ		04/05/2013 15:35	1		Rtx-624 0.25 (mm)
ZZZZZ		04/05/2013 16:00	1		Rtx-624 0.25 (mm)
460-53245-32	EW14D-CP-00-032813	04/05/2013 16:25	1	r00768.d	Rtx-624 0.25 (mm)
460-53245-1 MS	BP3A-CP-00-032813 MS	04/05/2013 16:51	10	r00769.d	Rtx-624 0.25 (mm)
460-53245-1 MSD	BP3A-CP-00-032813 MSD	04/05/2013 17:15	10	r00770.d	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Instrument ID: VOAMS10 Start Date: 04/05/2013 18:46Analysis Batch Number: 154374 End Date: 04/06/2013 06:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-154374/1		04/05/2013 18:46	1	r00771.d	Rtx-624 0.25 (mm)
CCVIS 460-154374/2		04/05/2013 19:02	1	r00772.d	Rtx-624 0.25 (mm)
LCS 460-154374/3		04/05/2013 19:28	1	r00773.d	Rtx-624 0.25 (mm)
MB 460-154374/4		04/05/2013 20:20	1	r00775.d	Rtx-624 0.25 (mm)
460-53245-24	EW07C-CP-00-032813	04/05/2013 20:45	2	r00776.d	Rtx-624 0.25 (mm)
460-53245-33	LF02-CP-00-032813	04/05/2013 22:27	1	r00780.d	Rtx-624 0.25 (mm)
460-53245-34	MW06D-CP-00-032813	04/05/2013 22:52	1	r00781.d	Rtx-624 0.25 (mm)
460-53245-35	MW08A-CP-00-032813	04/05/2013 23:18	1	r00782.d	Rtx-624 0.25 (mm)
460-53245-36	MW08B-CP-00-032813	04/05/2013 23:43	1	r00783.d	Rtx-624 0.25 (mm)
460-53245-37	MW08C-CP-00-032813	04/06/2013 00:09	1	r00784.d	Rtx-624 0.25 (mm)
460-53245-38	MW10B-CP-00-032813	04/06/2013 00:34	1	r00785.d	Rtx-624 0.25 (mm)
460-53245-39	MW10C-CP-00-0328133	04/06/2013 01:00	1	r00786.d	Rtx-624 0.25 (mm)
460-53245-40	MW10D-CP-00-032813	04/06/2013 01:25	1	r00787.d	Rtx-624 0.25 (mm)
460-53245-41	SW1-CP-00-032813	04/06/2013 01:51	1	r00788.d	Rtx-624 0.25 (mm)
460-53245-42	WT01-CP-00-032813	04/06/2013 02:16	1	r00789.d	Rtx-624 0.25 (mm)
460-53245-43	WT01-CP-01-032813	04/06/2013 02:42	1	r00790.d	Rtx-624 0.25 (mm)
ZZZZZ		04/06/2013 04:49	1		Rtx-624 0.25 (mm)
ZZZZZ		04/06/2013 06:31	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Instrument ID: VOAMS10 Start Date: 04/08/2013 07:12Analysis Batch Number: 154524 End Date: 04/08/2013 18:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-154524/1		04/08/2013 07:12	1	r00851.d	Rtx-624 0.25 (mm)
CCVIS 460-154524/2		04/08/2013 07:36	1	r00852.d	Rtx-624 0.25 (mm)
LCS 460-154524/3		04/08/2013 08:48	1	r00854.d	Rtx-624 0.25 (mm)
MB 460-154524/4		04/08/2013 09:47	1	r00856.d	Rtx-624 0.25 (mm)
460-53245-44	xRB01-CP-QC-032813	04/08/2013 10:20	1	r00857.d	Rtx-624 0.25 (mm)
460-53245-45	xtB01-CP-QC-032513	04/08/2013 10:46	1	r00858.d	Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 11:11	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 12:03	5		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 12:28	250		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 12:58	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 13:23	5		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 13:49	5		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 14:14	10		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 14:40	10		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 15:31	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 15:56	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 16:22	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 16:47	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 17:12	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 17:38	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 18:03	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 18:29	1		Rtx-624 0.25 (mm)
ZZZZZ		04/08/2013 18:54	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-53245-1

SDG No.: _____

Instrument ID: VOAMS10 Start Date: 04/09/2013 20:00Analysis Batch Number: 154820 End Date: 04/10/2013 06:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-154820/1		04/09/2013 20:00	1	r00932.d	Rtx-624 0.25 (mm)
CCVIS 460-154820/2		04/09/2013 20:26	1	r00933.d	Rtx-624 0.25 (mm)
LCS 460-154820/3		04/09/2013 20:52	1	r00934.d	Rtx-624 0.25 (mm)
MB 460-154820/4		04/09/2013 22:03	1	r00936.d	Rtx-624 0.25 (mm)
460-53245-30	EW12D-CF-00-032813	04/09/2013 22:29	1	r00937.d	Rtx-624 0.25 (mm)
460-53245-31	EW13D-CF-00-032813	04/09/2013 22:54	1	r00938.d	Rtx-624 0.25 (mm)
ZZZZZ		04/09/2013 23:20	1		Rtx-624 0.25 (mm)
ZZZZZ		04/09/2013 23:45	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 00:11	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 00:36	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 01:02	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 01:52	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 02:18	10		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 02:43	10		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 03:34	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 04:00	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 04:25	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 04:51	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 05:16	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 05:42	1		Rtx-624 0.25 (mm)
ZZZZZ		04/10/2013 06:07	1		Rtx-624 0.25 (mm)

Page 1

Back # 24086

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1
Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/04apr13.b

Date Generated: 04/04/2013
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/04/13	1606	r00727.d	35	460-53107-A-2	WP-2	5	0	1	all		
04/04/13	1631	r00728.d	36	460-53107-A-3	WP-3	5	0	1	all		
04/04/13	1656	r00729.d	37	460-53245-A-3	BP3C-CP-00-032813	5	0	1	all		
04/04/13	1722	r00730.d	38	460-53245-A-4	DM1-CP-00-032813	5	0	1	all		
04/04/13	1747	r00731.d	39	460-53245-A-5	DM2-CP-00-032813	5	0	1	all		
04/04/13	1813	r00732.d	40	460-53245-A-6	EM01A-CP-00-032813	5	0	1	all		
04/04/13	1838	r00733.d	41	460-53245-A-7	EM01A-CP-01-032813	5	0	1	all		
04/04/13	1903	r00734.d	42	460-53245-A-8	EM01B-CP-00-032813	5	0	1	all		
04/04/13	1929	r00735.d	43	460-53245-A-9	EM01C-CP-00-032813	5	0	1	all		
04/04/13	1954	r00736.d	44	460-53245-A-10	EM02A-CP-00-032813	5	0	1	all		
04/04/13	2020	r00737.d	45	460-53245-A-11	EM02B-CP-00-032813	5	0	1	all		
04/04/13	2045	r00738.d	46	460-53245-A-12	EM02C-CP-00-032813	5	0	1	all		
04/04/13	2110	r00739.d	47	460-53245-A-13	EM02D-CP-00-032813	5	0	1	all		
04/04/13	2136	r00740.d	48	460-53245-A-14	EM03A-CP-00-032813	5	0	1	all		

Signed: *Sarah Dean*

Read and Understood by: *[Signature]*

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1

Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/05apr13.b

Date Generated: 04/05/2013

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
04/05/13	0610 r00744.d	2	BFB		0	0	1	all		8260 HIGH	
04/05/13	0631 r00745.d	22	CCVIS		5	0	1	all		8260 HIGH 240114 SUBR 500: N/A	
04/05/13	0658 r00746.d	23	LCS		5	0	1	all		SURR 250: GAS 500: 240114 MIX 1300: 240116 MIX 3: 240119 ACIAC: 240119 GAS SP: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	0730 r00747.d	24	MB		5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	0756 r00748.d	25	MB		5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	0821 r00749.d	26	460-53245-A-1	BP3A-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	0847 r00750.d	27	460-53245-A-2	BP3B-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	0913 r00751.d	28	460-53245-A-15	EM03B-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	0938 r00752.d	29	460-53245-C-16	EM03C-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	1004 r00753.d	30	460-53245-C-17	EM04A-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	1029 r00754.d	31	460-53245-C-18	EM04B-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	1055 r00755.d	32	460-53245-C-19	EM04C-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	1120 r00756.d	33	460-53245-C-20	EM04D-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	
04/05/13	1146 r00757.d	34	460-53245-C-21	EM05-CP-00-032813	5	0	1	all		240119 MIX 3: 240119 MIX 3 SP: 240119 ACIAC SP: 240119 MISC:	

Batch # 12013

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1
Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/05apr13.b

Date Generated: 04/05/2013
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/05/13	1211 r00758.d	35	460-53245-C-22	EW06A-CP-00-032813	5	0	1	all	all		
04/05/13	1237 r00759.d	36	460-53245-C-23	EW06C-CP-00-032813	5	0	1	all	all		
04/05/13	1302 r00760.d	37	460-53245-C-24	EW07C-CP-00-032813	5	0	1	all	all		
04/05/13	1328 r00761.d	38	460-53245-C-25	EW07D-CP-00-032813	5	0	1	all	all		
04/05/13	1353 r00762.d	39	460-53245-C-26	EW08D-CP-00-032813	5	0	1	all	all		
04/05/13	1418 r00763.d	40	460-53245-C-27	EW09D-CP-00-032813	5	0	1	all	all		
04/05/13	1444 r00764.d	41	460-53245-C-28	EW10C-CP-00-032813	5	0	1	all	all		
04/05/13	1509 r00765.d	42	460-53245-C-29	EW11D-CP-00-032813	5	0	1	all	all		
04/05/13	1535 r00766.d	43	460-53245-C-30	EW12D-CP-00-032813	5	0	1	all	all		
04/05/13	1600 r00767.d	44	460-53245-C-31	EW13D-CP-00-032813	5	0	1	all	all		
04/05/13	1625 r00768.d	45	460-53245-C-32	EW14D-CP-00-032813	5	0	1	all	all		
04/05/13	1651 r00769.d	46	460-53245-A-IMS		5	0	10	all	all		
04/05/13	1715 r00770.d	47	460-53245-A-IMS		5	0	10	all	all		

Signed: *Sarah Dean*

Read and Understood by:

[Signature]

Date: 04/05/13

Date: 04/05/13

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD LOT	COMMENTS
04/05/13 1846	r00771.d	2	BFB		0	0	1	all		8260 HIGH	G
04/05/13 1902	r00772.d	22	CCVIS		5	0	1	all		8260 IS: 16m SURR 500: 2104710	G
04/05/13 1928	r00773.d	23	LCS		5	0	1	all		SURR 250: 2104358 GAS 500: MIX 1 500: 2104396 MIX 2 500: 2104398	G-ccl4 1,2 DC
04/05/13 1955	r00774.d	24	MB		5	0	1	all		MIX 3: 2104359	G
04/05/13 2020	r00775.d	25	MB		5	0	1	all		ACIAC SP: 2104359	G
04/05/13 2045	r00776.d	26	460-53245-B-24	5M07C-CP-00-032813	5	0	2	all		GAS SR: 2104359 8260 SP: 2104359	G
04/05/13 2111	r00777.d	27	460-53245-B-24 MS		5	0	10	all		MIX 3 SP: 2104359	Ne- RPD out
04/05/13 2136	r00778.d	28	460-53245-B-24 MSD		5	0	10	all		ACIAC SP: 2104359	↓
04/05/13 2202	r00779.d	29	BLK		5	0	1	all		MIX 3: 2104359	↓
04/05/13 2227	r00780.d	30	460-53245-C-33	LF02-CP-00-032813	5	0	1	all		8260 IS: 16m SURR 500: 2104710	Cleanup
04/05/13 2252	r00781.d	31	460-53245-C-34	MM06D-CP-00-032813	5	0	1	all		GAS 500: MIX 1 500: 2104358 MIX 2 500: 2104396	G
04/05/13 2318	r00782.d	32	460-53245-C-35	MM08A-CP-00-032813	5	0	1	all		8260 IS: 16m SURR 500: 2104710	G
04/05/13 2343	r00783.d	33	460-53245-C-36	MM08B-CP-00-032813	5	0	1	all		SURR 250: 2104358 GAS 500: MIX 1 500: 2104396 MIX 2 500: 2104398	G
04/06/13 0009	r00784.d	34	460-53245-C-37	MM08C-CP-00-032813	5	0	1	all		ACIAC SP: 2104359	G

154374

Dilution: $2X - 25\text{ mL} \rightarrow 50\text{ mL FV}$
 $10X - 5\text{ mL} \rightarrow \downarrow$

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.i

Analytical Batch: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b

Date Generated: 04/06/2013

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/06/13	0034 r00785.d	35	460-53245-C-38	MM10B-CP-00-032813	5	0	1			all	
									22		6
04/06/13	0100 r00786.d	36	460-53245-C-39	MM10C-CP-00-0328133	5	0	1			all	
									22		6
04/06/13	0125 r00787.d	37	460-53245-C-40	MM10D-CP-00-032813	5	0	1			all	
									22		6
04/06/13	0151 r00788.d	38	460-53245-C-41	SM1-CP-00-032813	5	0	1			all	
									22		6
04/06/13	0216 r00789.d	39	460-53245-C-42	WT01-CP-00-032813	5	0	1			all	
									22		6
04/06/13	0242 r00790.d	40	460-53245-C-43	WT01-CP-01-032813	5	0	1			all	
									22		6
04/06/13	0307 r00791.d	41	460-53245-C-44	XRB01-CP-QC-032813	5	0	1			all	
									22		NG. SWCT ↑
04/06/13	0333 r00792.d	42	460-53245-C-45	XTB01-CP-QC-032513	5	0	1			all	
									22		
04/06/13	0358 r00793.d	43	460-53182-A-1	TBGM_032813	5	0	1			all	
									22		
04/06/13	0424 r00794.d	44	460-53182-A-5	MM-7D	5	0	1			all	
									22		
04/06/13	0449 r00795.d	45	460-53182-C-4	MM-6S	5	0	1			all	
									22		6
04/06/13	0515 r00796.d	46	460-53182-A-2	MM-4A	5	0	1			all	
									22		NG. SWCT ↑
04/06/13	0540 r00797.d	47	460-53182-A-3	MM-4S	5	0	1			all	
									22		↑
04/06/13	0606 r00798.d	48	DLK		5	0	1			all	
											Cleanup

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.i

Analytical Batch: /chem/VOAMS10.i/8260_09/03-21-13/05apr13a.b

Date Generated: 04/06/2013

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/06/13	0631.r00799.d	49	460-53291-E-1	effluent	5	0	1	all			G
04/06/13	0657.r00800.d	50	mech test		5	0	1	all			Test

Signed: Donath Xeevi for Jinkens Read and Understood by: Donath Xeevi

Date: 04/06/13

Date: 04/06/13

instrument ID: VOAMS10.i
analytical Batch: /chem/VOAMS10.i/8260_09/03-21-13/08apr13.b

154524

[illegible]

G link to birth 154324

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1

Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/08apr13.b

Date Generated: 04/08/2013

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV	FV	DIL	Sublist	PH	STD LOT	COMMENTS
04/08/13 1349	r00865.d	35	460-53700-C-2MSD		5	0	5	all	12		G.
04/08/13 1414	r00866.d	36	460-53182-B-SMS		5	0	10	all	12		G LINK to 154374
04/08/13 1440	r00867.d	37	460-53182-B-SMSD		5	0	10	all	12		G LINK to 154374
04/08/13 1505	r00868.d	38	blank		5	0	1	all			bu.
04/08/13 1531	r00869.d	39	460-53182-B-1	TBGM_032813	5	0	1	all	12		G
04/08/13 1556	r00870.d	40	460-53182-B-2		5	0	1	all	12		G
04/08/13 1622	r00871.d	41	460-53182-B-3		5	0	1	all	12		G
04/08/13 1647	r00872.d	42	460-53450-B-2	BM-MW15	5	0	1	all	12		G
04/08/13 1712	r00873.d	43	460-53450-B-3	BM-MW13	5	0	1	all	12		G
04/08/13 1738	r00874.d	44	460-53450-B-7	BM-MW11	5	0	1	all	12		G
04/08/13 1803	r00875.d	45	460-53450-C-8	BM-MW	5	0	1	all	12		G
04/08/13 1829	r00876.d	46	460-53262-B-2	MM-2	5	0	1	all	12		G
04/08/13 1854	r00877.d	47	460-53262-C-3	MM-3	5	0	1	all	12		G
04/08/13 1919	r00878.d	48	460-53262-C-4	MM-4	5	0	1	all	12		G RELX PMS clock

Page 3

RLX PAST clock
RLX PAST clock
ER

Ken Bergen

48/13

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1

Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/09sept13a.b

Date Generated: 04/10/2013

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV	FV	Dil	Sublist	PH	STD LOT	COMMENTS
04/09/13	20001 r00932.d	2	BFB		0	0	1			all	
04/09/13	20261 r00933.d	22	CCVIS		5	0	1			all	
04/09/13	20521 r00934.d	23	LCS		5	0	1			all	
04/09/13	21381 r00935.d	24	MB		5	0	1			all	
04/09/13	22031 r00936.d	25	MB		5	0	1			all	
04/09/13	22291 r00937.d	26	460-53245-B-30	EM12D-CP-00-032813	5	0	1			all	
04/09/13	22541 r00938.d	27	460-53245-B-31	EM13D-CP-00-032813	5	0	1			all	
04/09/13	23201 r00939.d	28	460-53342-A-13	FB-1	5	0	1			all	
04/09/13	23451 r00940.d	29	460-53342-A-14	TB-1	5	0	1			all	
04/10/13	00111 r00941.d	30	460-53286-A-1	GMS-18	5	0	1			all	
04/10/13	00361 r00942.d	31	460-53286-A-2	GMS-19	5	0	1			all	
04/10/13	01021 r00943.d	32	460-53286-A-3	GMS-20	5	0	1			all	
04/10/13	01271 r00944.d	33	460-53286-A-4	GMS-21	5	0	25			all	
04/10/13	01521 r00945.d	34	460-53286-A-5	GMS-22	5	0	1			all	

1548220

Dilution: 10X-5mL → 50mL F.V.
25x, 40mL → ↓

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1

Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/09apr13a.b

Date Generated: 04/10/2013

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IM	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/10/13 0218	r00946.d	34	460-53286-A-1 MS		5	0	10	all	22		G
04/10/13 0243	r00947.d	35	460-53286-A-1 MSD		5	0	10	all	22		G
04/10/13 0309	r00948.d	36	DLK		5	0	1	all			cleanup
04/10/13 0334	r00949.d	37	460-53286-A-11		5	0	1	all	22		G
04/10/13 0400	r00950.d	38	460-53286-A-4		5	0	1	all	22		G
04/10/13 0425	r00951.d	39	460-53286-E-8		5	0	1	all	22		G
04/10/13 0451	r00952.d	40	460-53286-A-6		5	0	1	all	22		G
04/10/13 0516	r00953.d	41	460-53286-A-9		5	0	1	all	22		G
04/10/13 0542	r00954.d	42	460-53286-A-7		5	0	1	all	22		G, DL-2X
04/10/13 0607	r00955.d	43	460-53286-A-10		5	0	1	all	22		G, DL-5X
04/10/13 0633	r00956.d	44	DLK		5	0	1	all			cleanup
04/10/13 0658	r00957.d	45	DLK		5	0	1	all			↓
04/10/13 0723	r00958.d	46	460-53725-A-1	TB	5	0	1	all	22		RR-c10
04/10/13 0749	r00959.d	47	460-53725-A-10	FB040413_W	5	0	1	all	22		↓

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS10.1

Analytical Batch: /chem/VOAMS10.1/8260_09/03-21-13/09apr13a.b

Date Generated: 04/10/2013

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/10/13	0814 r00960.d	48	460-53725-A-9	FB040413_S	5	0	1	all	12		out of clock
04/10/13	0840 r00961.d	49	460-53725-C-8	UST_TW-1	5	0	2	all	12		↓ 1RR-1X

Signed: Donnell Neasi for Kenney Read and Understood by: Donnell Neasi

Date: 04/10/13

Date: 04/10/13

Shipping and Receiving Documents

TestAmerica Edison

777 New Durham Rd
Edison, NJ 08817

Phone (732) 593-2554

Client Contact:
Peter Tackach (PET)

Company:
HRP Associates - Clarenton GWTP

Address:
505 Winding Road

City, State, Zip:
Old Bethpage, NY 11804

Phone:
516-777-7242 Fax: 516-777-7243

Email:
peter.tackach@hrpassociates.com

Project Name/Location (State):
Clarenton Polychemical Superfund Site (NY)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

53245

Field Sampler:
James Jackson (JSJ), PET

Mobile/Field Number:
516-473-4954

E-Mail:

PO #:
NYSDEC call out

WO #:

Project #:
D006130-19, NEW9618 CM

SSOW#:

Deliverable Type (Report/EDD):
NYSDEC-EDD, HRP-EDD

Sample Disposal: ☐ Return to Client
☒ Archive for ___ Months
(A fee may be assessed if samples are retained for longer than 1 month)

State Regulatory QC Criteria Requirements:

Lab PM/Contact:
Melissa Haas 203-944-1310

Lab Job Number (Lab Use Only):

Passed Rad Screen (Lab Use Only):
☐ Yes ☐ No

Cooler Temperatures (Lab Use Only):

Analysis (Attach list if more space is needed)

Carrier Tracking Notes:

Page 1 of 5

COC Number:
CPS-GW09 032813

Comments

TA-MY pick up

Volatiles (VOA)

Metals (AES/MS)

Unpreserved

H2SO4

HNO3

HCL

NaOH

ZnAc/NaOH

Other

Client Contact: Peter Takach (PET)		Field Sampler: James Jackson (JSJ), PET		TA# Required (business days): 10 days		Lab PM/Contact: Melissa Haas 202-944-1310		COC Number: CPS-GW09 032813							
Company: HRP Associates - Claremont GWTP		Mobile/Field Number: 516-473-4954				Lab Job Number (Lab Use Only):		Page 1 of 5							
Address: 505 Winding Road		E-Mail:		Deliverable Type (Report/EDD): NYSDEC-EDD, HRP-EDD				Carrier Tracking Notes:							
City, State, Zip: Old Bethpage, NY 11804		PO #: NYSDEC call out		Sample Disposal: ☐ Return to Client ☒ Archive for ___ Months (A fee may be assessed if samples are retained for longer than 1 month)		Passed Rad Screen (Lab Use Only): ☐ Yes ☐ No									
Phone: 516-777-7242 Fax: 516-777-7243		WO #: n/a				Cooler Temperatures (Lab Use Only):		TA#V pick up							
E-mail: peter.takach@hrpassociates.com		Project #: D006130-19, NEW9618.OM		State Regulatory QC Criteria Requirements:		Analysis (Attach list if more space is needed)									
Project Name/Site Location (State): Claremont Polychemical Superfund Site (NY)		SSOW#: n/a													
Samples submitted for analysis will be subject to TestAmerica Terms and Conditions					No. of Containers/Preservatives										
Field Sample Identification (Containers for each sample may be combined on one line)		Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Washed, O=Oil, Other	MS/MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Volatiles (VOA)	Metals (AES/MS)	Comments
BW 1D2	BP3A-CP-00-032813	3/26/13	13:43	AQ	No				3				3		field sample, tags 1171-1173-1
BW 1D4	BP3B-CP-00-032813	3/26/13	13:53	AQ	No				3				3		field sample, tags 1175-1177-2
BW 1D5	BP3C-CP-00-032813	3/26/13	14:06	AQ	No				3				3		field sample, tags 1178-1180-3
BW 1D6	DW1-CP-00-032813	3/25/13	08:32	AQ	No				3				3		field sample, tags 1181-1183-4
BW 1D7	DW2-CP-00-032813	3/25/13	08:10	AQ	No				3				3		field sample, tags 1184-1186-5
BW 1D8	EW01A-CP-00-032813	3/26/13	08:24	AQ	No				3				3		field sample, tags 1187-1189-6
BW 1D9	EW01A-CP-01-032813	3/26/13	08:24	AQ	No				3				3		field duplicate, tags 1190-1192-7
BW 1E0	EW01B-CP-00-032813	3/26/13	08:40	AQ	No				3				3		field sample, tags 1193-1195-8
BW 1E1	EW01C-CP-00-032813	3/26/13	08:48	AQ	No				3				3		field sample, tags 1196-1198-9
BW 1E2	EW02A-CP-00-032813	3/25/13	09:42	AQ	No				3				3		field sample, tags 1199-1201-10
Relinquished by: Jackson		Date/Time: 3-28-13 10:28	Company: HRP		Received by: [Signature]	Date/Time: 3-28-13 10:28	Company: TEST AMERICA								
Relinquished by: RPA24 MPA10		Date/Time: 3/26/13 18:10	Company:		Received by: [Signature]	Date/Time: 3/26/13 18:10	Company: TAC								
Comments:															

2.01 JRT 7 W000

53245

TestAmerica Edison

777 New Durham Rd.
Edison, NJ 08817

Phone (732) 593-2554

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica

04/11/2013

Client Contact:		Field Sampler:		TAT Required (business days):		Lab PM/Contact:		COC Number:	
Peter Takach		James Jackson (J.S.)		10 days		Melissa Haas		CPS-GW09 032813	
Company:		Mobile/Field Number:		Deliverable Type (Report/EDD):		Lab Job Number (Lab Use Only):		Page 2 of 5	
HRP Associates - Clarendon GWTP		516-473-4954		NYSDEC-EDD, HRP-EDD		[] Yes [] No		Carrier Tracking Notes:	
Address:		E-Mail:		Sample Disposal: [] Return to Client [] Archive for ___ Months (A fee may be assessed if samples are retained for longer than 1 month)		Passed Rad Screen (Lab Use Only):		Air Bill No.:	
505 Winding Road		NYSDEC call out		[] Disposal by Lab		Cooler Temperatures (Lab Use Only):		TAT pick up	
City, State, Zip:		PO #:		Project #:		Analysis (Attach list if more space is needed)			
Old Bethpage, NY 11804		WO #:		D006130-19, NEW9618-OM					
Phone:		WO #:		State Regulatory QC Criteria					
516-777-7242 Fax: 516-777-7243		n/a		Requirements:					
Email:		Project #:		No. of Containers/Preservatives					
peter.takach@hrpassociates.com		D006130-19, NEW9618-OM		Unpreserved					
Project Name/Location (State):		SSOW#:		H2SO4					
Clarendon Polychemical Superfund Site (NY)		n/a		HNO3					
Samples submitted for analysis will be subject to TestAmerica Terms and Conditions				HCL					
				NaOH					
				ZnAc/NaOH					
				Other					
Field Sample Identification		Collection Date		Collection Time (24-Hour Clock)		Matrix		Volatiles (VOA)	
TA #						Aqueous, Se-Solid, W-Water/Oil, Or-Other		Metals (AES/MS)	
(Combination for each sample may be combined on one line)									
BV 1E3		EW02B-CP-00-032813		3/25/13		09:49		3	
BV 1E4		EW02C-CP-00-032813		3/25/13		09:55		3	
BV 1E5		EW02D-CP-00-032813		3/25/13		10:00		3	
BV 1E6		EW03A-CP-00-032813		3/25/13		10:10		3	
BV 1E7		EW03B-CP-00-032813		3/25/13		10:18		3	
BV 1E8		EW03C-CP-00-032813		3/25/13		10:23		3	
BV 1E9		EW04A-CP-00-032813		3/26/13		09:56		3	
BV 1F0		EW04B-CP-00-032813		3/26/13		10:03		3	
BV 1F1		EW04C-CP-00-032813		3/26/13		10:07		3	
BV 1F2		EW04D-CP-00-032813		3/26/13		10:14		3	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
D. Jackson		3-28-13 10:08		HRP		[Signature]		3-28-13 10:08	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
R. Jackson		3/28/13 12:10		Company		[Signature]		3/28/13 18:10	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Comments:									

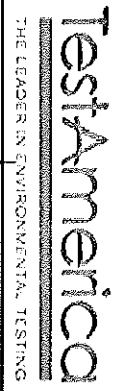
53245

TestAmerica Edison

777 New Durham Rd
Edison, NJ 08817

Phone (732) 593-2554

Chain of Custody Record



04/11/2013

Client Contact: Peter Takach HRP Associates - Clarendon GWTP Address: 505 Winding Road City, State, Zip: Old Bethpage, NY 11804 Phone: 516-777-7242 Fax: 516-777-7243 Email: peter.takach@hrpassociates.com Project Name/Location (State): Clarendon Polychemical Superfund Site (NY)		Field Sampler: James Jackson (J.S.), Mobile/Field Number: 516-473-4954 E-Mail:		TAT Required (business days): 10 days		Lab PM/Contact: Melissa Haas Lab Job Number (Lab Use Only):		COC Number: CPS-GW09 032813							
PO #: NYSDEC call out WO #: n/a		Deliverable Type (Report/EDD): NYSDEC-EDD, HRP-EDD Sample Disposal: ☐ Return to Client ☒ Archive for ___ Months (A fee may be assessed if samples are retained for longer than 1 month)		Passed Rad Screen (Lab Use Only): ☐ Yes ☐ No Cooler Temperatures (Lab Use Only):		Carrier Tracking Notes: Federal Express Air Bill No.:		Page 3 of 5							
Project #: D006130-19, NEW9618.OM SSOW#: n/a		State Regulatory QC Criteria Requirements:		Analysis (Attach list if more space is needed)		Comments									
Samples submitted for analysis will be subject to TestAmerica Terms and Conditions															
Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aqueous, Solid, Wastewater, Other	MS/MSD (Yes or No)	No. of Containers/Preservatives	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Volatiles (VOA)	Metals (AES/MS)	Comments
BW EW05-CP-00-032813	3/25/13	08:18	AQ	No					3						field sample, tags 1232-1234-21
BW EW06A-CP-00-032813	3/25/13	08:52	AQ	No					3						field sample, tags 1235-1237-22
BW EW06C-CP-00-032813	3/25/13	08:51	AQ	No					3						field sample, tags 1238-1240-23
BW EW07C-CP-00-032813	3/25/13	13:09	AQ	No					3						field sample, tags 1241-1243-24
BW EW07D-CP-00-032813	3/25/13	13:23	AQ	No					3						field sample, tags 1244-1246-25
BW EW08D-CP-00-032813	3/25/13	09:12	AQ	No					3						field sample, tags 1247-1248-26
BW EW09D-CP-00-032813	3/25/13	09:04	AQ	No					3						field sample, tags 1250-1252-27
BW EW10C-CP-00-032813	3/26/13	10:25	AQ	No					3						field sample, tags 1253-1255-28
BW EW11D-CP-00-032813	3/26/13	09:38	AQ	No					3						field sample, tags 1256-1258-29
BW EW12D-CP-00-032813	3/26/13	09:46	AQ	No					3						field sample, tags 1259-1261-30
Relinquished by: [Signature] Date/Time: 3-28-13 10:28		Received by: [Signature] Date/Time: 3-28-13 10:28		Company: HRP		Received by: [Signature] Date/Time: 3/28/13 18:10		Company: HRP		Received by: [Signature] Date/Time: 3/28/13 18:10		Company: HRP		Received by: [Signature] Date/Time: 3/28/13 18:10	
Comments:															

2.0/2.1 IL #4 DOC

53245

Chain of Custody Record

TestAmerica Edison

777 New Durham Rd.
Edison, NJ 08817
Phone (732)-593-2554TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

04/11/2013

Client Contact: Peter Takach		Field Sampler: James Jackson (JSJ)		TAT Required (business days): 10 days		Lab PM/Contact: Melissa Haas		COC Number: CPS-GW09 032813														
Company: HRP Associates - Clarenton GWTP		Mobile/Field Number: 516-473-4954				Lab Job Number (Lab Use Only):		Page 4 of 5														
Address: 505 Winding Road		E-Mail:		Deliverable Type (Report/EDD): NYSDEC-EDD, HRP-EDD		Passed Rad Screen (Lab Use Only): ☐ Yes ☐ No		Carrier Tracking Notes: Federal Express														
City, State, Zip: Old Bethpage, NY 11804		PO #: NYSDEC call out		Sample Disposal: ☐ Return to Client ☐ Dispose by Lab ☐ Archive for ___ Months (A fee may be assessed if samples are retained for longer than 1 month)		Cooler Temperatures (Lab Use Only):		Air Bill No.:														
Phone: 516-777-7242 Fax: 516-777-7243		WO #: n/a						TA-NY pick up														
Email: peter.takach@hrpassociates.com		Project #: D006130-19, NEW9618 CM		State Regulatory QC Criteria Requirements:		Analysis (Attach list if more space is needed)																
Project Name/Location (State): Clarenton Polychemical Superfund Site (NY)		SSOW#:																				
Samples submitted for analysis will be subject to TestAmerica Terms and Conditions																						
TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aqueous, S-Solid, W-Waste/Clt, O-Other	M/S/MSD (Yes or No)	No. of Containers/Preservatives		Comments														
BW 1G3	EW13D-CP-00-032813	3/26/13	10:32	AQ	No	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Volatiles (VOA)	Metals (AES/MS)	0	0	0	0	0	0	0	field sample, tags 1262-1264 -31
BW 1G4	EW14D-CP-00-032813	3/26/13	09:19	AQ	No				3				3									field sample, tags 1265-1267 -32
BW 1G5	LF02-CP-00-032813	3/26/13	08:10	AQ	No				3				3									field sample, tags 1268-1270 -33
BW 1G6	MMV06D-CP-00-032813	3/25/13	13:43	AQ	No				3				3									field sample, tags 1271-1273 -34
BW 1G7	MMV08A-CP-00-032813	3/25/13	14:42	AQ	No				3				3									field sample, tags 1274-1276 -35
BW 1G8	MMV08B-CP-00-032813	3/25/13	14:49	AQ	No				3				3									field sample, tags 1277-1279 -36
BW 1G9	MMV08C-CP-00-032813	3/25/13	15:04	AQ	No				3				3									field sample, tags 1280-1282 -37
BW 1H0	MMV10B-CP-00-032813	3/25/13	10:33	AQ	No				3				3									field sample, tags 1283-1285 -38
BW 1H1	MMV10C-CP-00-032813	3/25/13	10:42	AQ	No				3				3									field sample, tags 1286-1288 -39
BW 1H2	MMV10D-CP-00-032813	3/25/13	10:48	AQ	No				3				3									field sample, tags 1289-1291 -40
Relinquished by: DOCKLSON		Date/Time: 3-26-13 10:28		Company HRP		Received by: [Signature]		Date/Time: 3-26-13 10:28		Company TEST AMERICA												
Relinquished by: RAJAY MARIAN		Date/Time: 3/26/13 18:10		Company		Received by: [Signature]		Date/Time: 3/28/13 18:10		Company TA Ed												
Comments:		Date/Time:		Company		Received by:		Date/Time:		Company												

53245

TestAmerica Edison
777 New Durham Rd.
Edison, NJ 08817
Phone (732) 593-2554

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Peter Takach		Field Sampler: James Jackson (J.S.)		TAT Required (business days): 10 days		Lab PM/Contact: Melissa Haas		COC Number: CPS-GW09 032813						
Company: HRP Associates - Clarenton GWTP		Mobile/Field Number: 516-473-4954		Deliverable Type (Report/EDD): NYSDEC-EDD, HRP-EDD		Lab Job Number (Lab Use Only):		Page 5 of 5						
Address: 505 Winding Road		E-Mail:		Sample Disposal: ☐ Return to Client ☒ Disposal by Lab		Passed Rad Screen (Lab Use Only): ☐ Yes ☐ No		Carrier Tracking Notes: Federal Express						
City, State, Zip: Old Bethpage, NY 11804		PO #: NYSDEC call out		Active for ___ Months (A fee may be assessed if samples are retained for longer than 1 month)		Cooler Temperatures (Lab Use Only):		Air Bill No.:						
Phone: 516-777-7242 Fax: 516-777-7243		WO #: n/a		State Regulatory QC Criteria Requirements:		Analysis (Attach list if more space is needed)		TAMV pick up						
Email: peter.takach@hrpassociates.com		Project #: D006130-19, NEW9618.OM		Requirements:		Volatiles (VOA)		Comments						
Project Name/Location (State): Clarenton Polychemical Superfund Site (NY)		SSOW#: n/a												
Samples submitted for analysis will be subject to TestAmerica Terms and Conditions														
TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aqueous, Solid, Semi-Solid, Wastewater, Other	MS/MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Volatiles (VOA)	Comments
BW 1H3	SW1-CP-00-032813	3/25/13	08:31	AQ	No				3				3	field sample, tags 1292-1294-41
BW 1H4	WT01-CP-00-032813	3/26/13	10:42	AQ	No				3				3	field sample, tags 1295-1297-42
BW 1H5	WT01-CP-01-032813	3/26/13	10:42	AQ	No				3				3	field duplicate, tags 1298-1300
BW 1H6	XR01-CP-QC-032813	3/26/13	11:00	AQ	No				3				3	inseate blank, tags 1301-1303-44
BW 1H7	XTB01-CP-QC-032513	3/25/13	06:00	AQ	No				3				3	trip blank, tags 1304-1306-45
Relinquished by: <u>ADDISON</u> Date/Time: <u>3-26-13 10:28</u> Company: <u>HRP</u> Received by: <u>[Signature]</u> Date/Time: <u>3-26-13 10:28</u> Company: <u>TEST AMERICA</u>														
Relinquished by: <u>ADDISON</u> Date/Time: <u>3/26/13 18:10</u> Company: <u>HRP</u> Received by: <u>[Signature]</u> Date/Time: <u>3/28/13 18:10</u> Company: <u>TAL</u>														
Comments:														

Amount of Cash	By Cash	
Bank, Cash on Hand (Purchased)	100.00	Bank, Cash on Hand (Purchased)
Bank, Cash on Hand (Purchased)		Bank, Cash on Hand (Purchased)
Bank, Cash on Hand (Purchased)		Bank, Cash on Hand (Purchased)
Bank, Cash on Hand (Purchased)		Bank, Cash on Hand (Purchased)

[illegible]

Sample No(s), adjusted:	Volume
Preservative Name/Conc:	

Volume of Preservative used (ml): _____

Lot # of Preservative: _____

Expiration Date: _____

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: _____

Date: 2/2/20

Login Sample Receipt Checklist

Client: HRP Associates, Inc.

Job Number: 460-53245-1

Login Number: 53245

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1°C, IR #4
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.