



2016 First Quarter Groundwater Monitoring Report

January – March 2016

Claremont Polychemical Corporation Site

505 Winding Road

Old Bethpage, Nassau County, New York 11804

Contract/WA No. D007625-19; Site No. 130015

Prepared for:

New York State

Department of Environmental Conservation

Division of Environmental Remediation

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Contents

1	Introduction	3
2	Site Background	3
2.1	Site History	3
2.2	Location	5
2.3	Site Hydrogeological Setting	6
3	Groundwater Extraction and Treatment System.....	6
3.1	Groundwater Extraction and Treatment System Description	6
3.2	Groundwater Extraction and Treatment System Performance Evaluation	8
3.2.1	Flow Rate	8
3.2.2	Groundwater Extraction and Treatment System Contaminant Removal.....	9
3.2.3	Groundwater Extraction and Treatment System Discharge Monitoring.....	9
4	Groundwater Monitoring Program.....	9
4.1	Hydrological Data.....	10
4.2	Groundwater Sample Collection.....	10
4.3	Groundwater Analytical Results	10
4.3.1	Plume Evaluation	11
4.3.2	Comparison to Historical Groundwater Quality	12
5	Conclusions and Recommendations.....	13
5.1	Conclusions	13
5.2	Recommendations	14
6	References	15

Tables

Table 1 - CPC Operable Units.....	4
Table 2 - Extraction Well Construction	7
Table 3 - Monitoring and Extraction Wells with VOC Exceedances – 4 th Quarter 2015	11
Table 4 - PCE and TCE Concentration Trends in Select Monitoring Wells	12
Table 5 - Summary of Analytical Results March 2016 (1Q16) Sample Event.....	Following text

Figures

Figure 1.....	Site Location
Figure 2.....	Well Locations
Figure 3.....	Water Table Contours
Figure 4.....	Potentiometric Surface - Magothy Aquifer
Figure 5.....	VOC Removal vs. Time

Figure 6 PCE and TCE Concentrations in Effluent

Figure 7.....	Iron and Manganese Concentrations in Effluent
Figure 8.....	PCE and TCE Concentrations in DW-1
Figure 9.....	PCE and TCE Concentrations in EW-1A
Figure 10.....	PCE and TCE Concentrations in SW-1
Figure 11.....	PCE and TCE Concentrations in EW-5
Figure 12.....	PCE and TCE Concentrations in EW-4A
Figure 13.....	PCE and TCE Concentrations in EW-4B
Figure 14.....	PCE and TCE Concentrations in EW-4C
Figure 15.....	PCE and TCE Concentrations in EW-4D
Figure 16.....	PCE and TCE Concentrations in EW-7C
Figure 17.....	PCE and TCE Concentrations in EW-7D
Figure 18.....	PCE and TCE Concentrations in EW-10D
Figure 19.....	PCE and TCE Concentrations in EW-12D
Figure 20.....	PCE and TCE Concentrations in 14D
Figure 21.....	PCE and TCE Concentrations in EX-1
Figure 22.....	PCE and TCE Concentrations in EX-2
Figure 23.....	PCE and TCE Concentrations in EX-3
Figure 24.....	PCE and TCE Concentration in Influent
Figure 25.....	PCE Plume
Figure 26.....	TCE Plume
Figure 27.....	PCE Cross Section A – A'
Figure 28.....	PCE Cross Section B – B'
Figure 29.....	PCE Cross Section C – C'
Figure 30.....	TCE Cross Section A – A'
Figure 31.....	TCE Cross Section B – B'

Attachments (following figures)

Attachment A-1: January 2016 HDR Memo to NYSDEC

Attachment A-2: January 2016 NYSDEC Response Email to Memo

Attachment B: Analytical Results – 1st Quarter 2016 Groundwater Samples

1 Introduction

This quarterly groundwater monitoring report prepared by Henningson, Durham & Richardson Architecture and Engineering, P.C. (HDR) presents groundwater sampling analytical results for the first quarter (January through March) of 2016 and supporting information on the history, groundwater extraction and treatment (GWET) system configuration and hydrogeologic conditions at the Claremont Polychemical Corporation Site; hereinafter referred to as CPC or 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 GWET system including discharge monitoring;
- Hydrological data;
- Brief description of the field activities;
- Analytical results of monitoring well sampling, specifically those for chlorinated volatile organic compounds (VOCs) including trends and plume evaluation; and
- Conclusions and Recommendations.

2 Site Background

2.1 Site History

Claremont Polychemical Corporation, a former manufacturer of pigments for plastics and inks, coated metal flakes, and vinyl stabilizers, operated at the Site from 1966 to 1980. According to the "Second Five-Year Review Report for Claremont Polychemical Corporation" prepared by the EPA Region 2, dated March 2014, during its operation, CPC disposed of liquid waste in three leaching basins and deposited solid wastes and treatment sludges in drums or in aboveground metal tanks. The principal wastes generated were organic solvents, resins, and wash wastes (mineral spirits). A solvent recovery system (steam distillation), two pigment dust collectors and a sump were located inside the Process Building. Five concrete treatment basins, each with a capacity of 5,000 gallons which contained sediments and water, were to the west of the building. Six aboveground tanks, three of which contained wastes, were located east of the building. Other features included an underground tank farm, construction and demolition debris, dry wells and a water supply well (EPA 2014).

In 1979, the Nassau County Department of Health (NCDH) found 2,000 to 3,000 drums of inks, resins, and organic solvents throughout the Site during a series of inspections. Inspectors' identified releases associated with damaged or mishandled drums in several areas including one larger release located east of the Process Building (referred to as the "spill area"). CPC sorted

and removed the drums in 1980 (EPA 2014). In October 1980, the NYSDEC ordered CPC to commence clean-up activities at the Site. CPC did not perform the clean-up activities required by NYSDEC and CPC ceased operations at the Site in 1980 (EPA 2014). The Environmental Protection Agency (EPA) proposed the Site for listing on the National Priorities List (NPL) in October 1984 (because of CPC's refusal to perform the clean-up). CPC was listed as a Superfund site in June 1986.

A Remedial Investigation Feasibility Study (RI/FS) was initiated in March 1988 under the oversight of the EPA. Surface and subsurface soil, groundwater, underground storage tanks, and the Process Building were sampled as part of the RI. The RI/FS reports were released to the public in August 1990. The RI/FS findings indicated that on-site soils contaminated with tetrachloroethylene (PCE), located in the former "spill area", constituted a potential threat to groundwater resources. The spill area is adjacent to and east of the former Process Building (Figure 2). Other VOCs including 2-butanone, toluene, xylene, 1,2-dichloroethene (DCE), trichloroethene (TCE), 1,1,1-trichloroethane (TCA), ethylbenzene, 1,2-dichloroethane (DCA), methylene chloride, and vinyl chloride were detected in groundwater at concentrations exceeding federal and state standards. EPA issued two Records of Decision (RODs) signed in September 1989 and September 1990 and two Explanations of Significant Differences (ESDs) signed in September 2000 and April 2003 since completion of the RI/FS. The operable units (OUs) addressed by the RODs and ESDs are described in Table 1.

Table 1 - CPC Operable Units

Operable Unit	Description	Status
OU 1	Treatment and removal of wastes in 14 underground storage tanks	14 USTs and contents removed. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.
OU 2	Wastes stabilized during the Sept. 1988 removal action	Testing, consolidation, treatment and disposal of wastes in containers and basins performed. Achieved unlimited use and unrestricted exposure, later changed to commercial/light industrial because of remaining contamination below the building. 2003 ESD added additional remedial actions for OU 2 under the former Process Building including an SVE system and using the building's concrete slab as a cap for cadmium contaminated soil.
OU 3	Soil contaminated with PCE at the "spill area"	Approximately 8,800 tons of PCE contaminated soils excavated, treated and backfilled on Site. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.
OU 4	Contaminated groundwater on the CPC property	Extraction and treatment of groundwater via metals precipitation, air stripping and carbon adsorption. On-site reinjection. The subject of this report.

Operable Unit	Description	Status
OU 5	Contaminated groundwater off of the CPC property.	Extraction and treatment of groundwater via air stripping and off-site reinjection using the Old Bethpage Landfill treatment system extraction wells south-southeast of the CPC Site.
OU 6	Decontamination of the former Process Building	Vacuuming and dusting surfaces, asbestos abatement, pressure washing walls and interior surfaces. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.

A GWET system was installed on-site by the EPA and Army Corps of Engineers (ACOE) to hydraulically contain VOCs in groundwater as the OU 4 remedy. GWET system operation began in February 2000, reportedly pumping and treating over 400 gallons per day (gpd). SAIC Inc. operated and maintained the GWET system, collected plant effluent samples and performed quarterly groundwater sampling at 41 wells from 2000 to May 2011. In May 2011, the project was transferred from the ACOE/EPA to the NYSDEC. HRP Associates, Inc. performed the same scope of work as SAIC under contract to NYSDEC from May 2011 to August 2015. HDR, also under contract to NYSDEC, took over HRP's scope of work on September 1, 2015.

2.2 Location

CPC is located on a 9.5-acre parcel in an industrial section of Old Bethpage, Nassau County, New York (Figure 1). The former 35,000 square foot Process Building, demolished in 2012, was the only building historically on the property. The concrete slab from this building remains. The 5,200 square foot GWET system building was constructed as part of the OU 4 remedy.

The Site lies approximately 800 feet west of the border between Nassau and Suffolk Counties and is accessed via Winding Road on the property's western border. Adjacent properties include (Figure 2):

- South and Southeast - Bethpage State Park and golf course;
- East – State University of New York (SUNY) - Farmingdale Campus;
- West – Town of Oyster Bay Solid Waste Disposal Complex (OBSWDC); and
- North – Commercial and Light Industrial.

The OBSWDC includes the Old Bethpage Landfill Superfund Site with the Town of Oyster Bay as the responsible party. The Nassau County Fireman's Training Center (FTC), which has also contributed to soil and groundwater contamination in the area, is located approximately 500 feet south of the Old Bethpage Landfill portion of the OBSWDC. The OBSWDC and FTC also have GWET systems. FTC ceased operation of its GWET system in 2013 having achieved the cleanup objectives. The closest residences are approximately one-half mile from the Site, immediately west of the Old Bethpage Landfill. 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 Hydrogeological Setting

The CPC site is underlain primarily by sand with interbedded, discontinuous silt and lignitic clay lenses. Upper glacial aquifer deposits are mostly absent in the area, rather the Magothy formation is the uppermost geologic unit with a thickness of approximately 750 feet. The Raritan clay below acts as a barrier between the Magothy and Lloyd aquifers. Depth to the water table ranges from approximately 60 to 70 feet below ground surface (bgs) with regional groundwater flow to the south-southeast. Depths to groundwater in March 2016 ranged from 44.95 feet (well EW-14D) to 104.31 feet (well EW-11D) bgs.

The “Claremont Polychemical Superfund Site Long-Term Groundwater Monitoring Old Bethpage, New York” report dated December 2001 prepared by SAIC indicated historical gradients ranging from 0.001-0.002 feet/year and horizontal flow velocities of 0.43 feet/day or 157 feet/year (Ebasco, 1990).

Groundwater contour maps produced from the March 2016 water level measurements show groundwater flow direction in the water table wells to be due south near the treatment plant; south-southwest at the SUNY Farmingdale property to the east of the plant; and south-southeast near Winding Road to the west of the plant (Figure 3). The contour map produced from wells screened in the Magothy aquifer depicts a south-southeast flow direction (Figure 4). The recent contour maps are consistent with previous maps produced from the CPC wells and from other investigations.

3 Groundwater Extraction and Treatment System

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

3.1 Groundwater Extraction and Treatment System Description

The GWET system was originally designed to capture and treat metals, organic contaminants, and provide final pH adjustment. The system consists of an extraction system, above-ground treatment, and a reinjection system. Each of the system components are discussed below.

GWET System Extraction Wells

The groundwater collection system consists of three extraction wells - EX-1, EX-2, and EX-3 (also referred to as EXT-1, EXT-2 and EXT-3) - installed approximately 150 feet apart, south of the Site oriented in a southwest-northeast line (Figure 2). Table 2 provides extraction well screen and total depths.



Table 2 - Extraction Well Construction

Well	Total Depth	Top of 1st Screen (bgs)	Bottom of 1st Screen (bgs)	Top of 2nd Screen (bgs)	Bottom of 2nd Screen (bgs)
EX-1 (aka EXT-1)	175 ft.	75 ft.	110 ft. Packer at 115 ft. (2013)	125 ft. Not Used (2013)	175 ft.
EX-2 (aka EXT-2)	190 ft.	95 ft.	120 ft. Packer at 125 ft. (2013)	135 ft. Not used (2013)	190 ft.
EX-3 (aka EXT-3)	194 ft.	94 ft.	194 ft.	NA	NA

Clay layers located in EX-1 between 110 ft. and 125 ft. bgs, and in EX-2 between 120 ft. and 135 ft. bgs is the reason for the two screen intervals in those extraction wells. The 10 horsepower pumps in each extraction well are capable of pumping up to 200 gallons per minute (gpm). However, historically EX-1, EX-2, and EX-3 extracted 190 gpm, 188 gpm, and 175 gpm, respectively, for a total of approximately 553 gpm.¹ Based on a step-down test completed in June 2013, the pumping rates of EX-1 and EX-2 were reduced to 110 gpm and 120 gpm, respectively. The average flow rate over the course of a month after June 2013 was approximately 350 to 390 gpm. This average pumping rate equals approximately 500,000 to 560,000 gallons per day (gpd).

Packers were installed in EX-1 and EX-2 in 2013 to isolate the upper screen interval after depth discrete sampling in the wells indicated groundwater at the lower screen interval did not contain VOCs at concentrations above the criteria.

In August 2014 at the direction of NYSDEC, EX-2 was taken off line and the flow from EX-1 was decreased to approximately 60 gpm. This average pumping rate as of August 24, 2014 equaled approximately 330,000 to 360,000 gpd.

On August 27, 2015, water ponding at the surface around infiltration gallery 3 (IG-3) necessitated a further reduction in flow rate. On that date, the average flow rate for the plant was 146 gpm. The plant supervisor later determined the ponding condition resulted from leaking pipe caps, not clogged laterals as was first thought and the flow rate was gradually increased. As of March 2016, the average flow rate was 157 gpm equaling approximately 226,000 gpd. (refer to March 2016 O&M report for the most recent data).

GWET System Path of Remediation

Groundwater is pumped from the extraction wells which contain level transducers set to control the pump on time and the water level of the wells. Upon extraction, water enters a 60,000-gallon equalization tank adjacent to the GWET system building. Water from the equalization

¹ The plant supervisor is not aware of rates exceeding 400 gpm.

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 followed by air-stripper feed tanks. 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 concentrations to the plant met EPA discharge standards for metals. Water continues to flow through the metals portion of the treatment system.

The feed tanks divert the water through a single packed tower air stripper rated at an average rate of 500 gpm, where the water is collected and then pumped directly to the treated water tanks. The air emission from the air stripper is treated with vapor phase carbon and is monitored weekly by the plant operator using a photoionization detector.

The treated water is then stored in two 42,000-gallon vessels prior to reinjection to the subsurface via four injection wells and/or two infiltration galleries located on the adjacent SUNY Farmingdale campus.

The GWET system is manned by two operators working 40-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. The plant operator can monitor the plant remotely from the Citect SCADA control system and make adjustments to the system operations.

GWET System Operating Permits

Water Permit

The plant was issued a water discharge permit dated January 1, 1998, which was renewed on March 4, 2015. A permit renewal application was submitted to and approved by the NYSDEC Bureau of Water Permits. The completed permit reauthorization expires on December 31, 2025.

Effluent Limitations and Monitoring Requirements outlined in the permit are enforced by the NYSDEC Division of Environmental Remediation, Remedial Bureau E.

Air Permit

An air permit is not required for the GWET 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 GWET system, VOCs air emissions from the GWET system historically have been negligible and are compliant with air guideline concentrations. The system remains in place and operational because it is impractical to remove it.

3.2 Groundwater Extraction and Treatment System Performance Evaluation

3.2.1 Flow Rate

Since startup, the system has treated more than 2.25 billion gallons of groundwater. During the first quarter of 2016 (January – March), the treatment system processed 20.9 million gallons of

water. Daily flow readings are provided in the O&M reports submitted monthly to NYSDEC (refer to March 2016 O&M report for the most recent data).

The volume of treated water discharged by the GWET system to the injection well field is determined daily from readings of the magnetic flow meter on the plant effluent line. The injection system was designed for a 500 gpm flow rate, although the maximum operating flow rate since system start-up was 400 gpm.² Currently, the injection rate is approximately 138 gpm.

The plant's effluent discharge is limited by the condition of the injection wells. Currently depth to water in the injection wells is as shallow as 0.25 feet bgs.

3.2.2 Groundwater Extraction and Treatment System Contaminant Removal

To evaluate the treatment system's contaminant influent removal rate, HDR reviewed available GWET system influent and effluent analytical results from monthly operation and maintenance records. Approximately 942 kilograms (2,077 pounds) of VOCs have been removed to date. Mass removal peaked in 2003 at 288 kilograms and in 2015 was 16 kilograms. Cumulatively, most of the mass removed has been TCE (745 kilograms) and PCE (169 kilograms). A plot of historic mass removal rates and cumulative PCE and TCE mass removal is presented as Figure 5.

3.2.3 Groundwater Extraction and Treatment System Discharge Monitoring

Groundwater samples of the effluent collected monthly are analyzed for VOCs, semivolatile organic compounds (SVOCs), metals, total organic carbon (TOC), total suspended solids (TSS), total dissolved solids (TDS), total Kjeldahl nitrogen (TKN), and anions. Effluent data for select VOC compounds (PCE, TCE, and 1,1-DCE) and metals (iron and manganese) are analyzed to evaluate compliance with effluent discharge limits. Figure 6 shows that effluent concentrations for the main contaminants, PCE and TCE, have remained below permissible discharge limit levels of 5 µg/L. Figure 7 shows that the concentrations of iron and manganese were under the permissible levels of 600 µg/L for the first fourth quarter 2016 sampling results. Refer to the monthly O&M and the Significant Events reports for additional information on remediation system performance and daily operations.

4 Groundwater Monitoring Program

In a January 5, 2016 memo to the NYSDEC, HDR recommended a reduction of the number of wells usually sampled from 44 to 27, with rationale for the recommendation. The NYSDEC, in a January 15, 2016 email, agreed with the recommendation with few exceptions, and reduced the number of wells sampled from 44 to 31. The HDR memo and the NYSDEC's response are attached (Attachments A-1 and A-2) to this report for reference.

On March 14 through 16, 2016 HDR sampled a total of 31 on-site and off-site monitoring wells. On-site monitoring wells included DW-1, DW-2, EW-5, EW-7C, EW-7D, and SW-1. In addition, the three extraction wells, EX-1, EX-2, and EX-3, were sampled. Off-site wells included BP-3A, BP-

² According to the plant supervisor.

3B, BP-3C, EW-1A, EW-1B, EW-1C, EW-2A, EW-2B, EW-2C, EW-2D, EW-4A, EW-4B, EW-4C, EW-4D, EW-11D, EW-12D, EW-14D, MW-8A, MW-8B, MW-8C, MW-10D, and WT-01. The monitoring well locations are depicted on Figure 2. A description of the groundwater sampling event is provided below.

4.1 Hydrological Data

A synoptic round of groundwater levels was measured in 44 groundwater wells on March 11, 2016. Depth to groundwater during this event ranged from 44.95 feet (EW- 14D) to 104.31 feet bgs (EW-11D). Water level elevations were calculated by subtracting the depth to water from each measurement from the top of casing elevation. HDR plotted the water levels and drew the configurations of the water table and potentiometric surface in the Magothy aquifer depicting the groundwater flow directions. These data show the groundwater flow direction is due south, south-southwest and south-southeast at the water table (Figure 3) and south-southeast in the Magothy (Figure 4). The effect on the aquifer from pumping of the CPC extraction wells is evident from bends in otherwise straight potentiometric surface contours nearest the extraction wells. Overall, groundwater elevations and inferred groundwater flow direction based on groundwater elevation contours were consistent with previous data.

4.2 Groundwater Sample Collection

The groundwater samples were collected on March 14, 15, and 16, 2016. The groundwater samples were collected using PDBs inserted at mid-point in the screens in each monitoring well.³ Each PDB bag was retrieved, pierced with a decontaminated sharp object and the water inside was collected in VOC vials with septum caps, and preserved with hydrochloric acid (HCl). The VOC vials are labeled, recorded on a chain of custody, and placed in a cooler with ice. New PDBs were installed at the mid point of the screens of each monitoring well for the next sampling event.

A total of 31 (and three duplicate) 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 5 and Attachment B. Groundwater sampling for metals was discontinued by the NYSDEC following the July 2011 sampling event after metals concentrations met groundwater quality standards.

4.3 Groundwater Analytical Results

Groundwater sampling results are summarized on Table 3 and shown on the trend chart figures (Figures 8 through 24). Of note, acetone was detected in 27 samples and two duplicates but did not exceed the criterion for any of the samples in which it was detected. It is likely a laboratory contaminant and not present in groundwater.

³ PDBs were first used for the May 2012 sampling event.

Table 3 - Monitoring and Extraction Wells with VOC Exceedances – 1st Quarter 2016

Well	TCA	1,1-DCA	1,2-DCA	DCE	C DCE	Freon-12	PCE	TCE
SW-1	ND	ND	ND	ND	<u>11</u>	ND	<u>150</u>	<u>16</u>
BP-3B	0.72J	<u>15</u>	<u>0.71J</u>	0.77J	<u>100</u>	<u>5.3</u>	<u>120</u>	<u>12</u>
BP-3C	0.78J	3.8	0.28J	ND	<u>74</u>	3.8	<u>99</u>	<u>11</u>
EW-4A	ND	ND	ND	ND	<u>7</u>	ND	<u>7.5</u>	1.1
EW-4C	3.5	3.4	ND	1.8	1.2	ND	<u>13</u>	<u>23</u>
EW-4D	ND	ND	ND	ND	ND	ND	<u>10</u>	<u>11</u>
EW-7C	ND	ND	ND	ND	4	ND	<u>13</u>	<u>220</u>
EW-7D	ND	ND	ND	ND	ND	ND	3.1	<u>5.8</u>
EW-12D	1.4	0.26J	ND	2.6	1.7	ND	2.1	<u>9.6</u>
EW-14D	<u>15</u>	ND	<u>3.9</u>	<u>14</u>	1.1	ND	2.5	<u>150</u>
MW-8A	ND	ND	ND	ND	ND	ND	<u>5.2</u>	0.32J
MW-10D	ND	ND	<u>0.79J</u>	ND	ND	ND	2.2	1.7
EX-1	ND (ND)	ND (ND)	ND (ND)	0.37J (ND)	3.5 (3.7)	ND (ND)	3.1 (2.9)	<u>5.4 (5.9)</u>
EX-2	ND	ND	ND	ND	0.56J	ND	1.9	1.7
EX-3	0.82J	0.30J	ND	1.2	3.2	ND	<u>6.5</u>	<u>41</u>

Results units are µg/L. Bold, underlined, italicized results are exceedances of the criteria; duplicate sample results in parenthesis. See Table 5 for complete analytical results and comparison criteria. Cumene – Isopropylbenzene; TCE – trichloroethylene; C DCE – cis-1,2-dichloroethylene; 1,1-DCA – 1,1-dichloroethane; 1,2-DCA – 1,2-dichloroethane; DCE – 1,1-dichloroethene; PCE – tetrachloroethylene; PDB – 1,4-Dichlorobenzene; TCA – 1,1,1-trichloroethane, Freon-12 – Dichlorodifluoromethane; ND – not detected; J – estimated value.

4.3.1 Plume Evaluation

The groundwater contamination distribution was evaluated by creating sample location figures with iso-concentration lines for PCE and TCE in plan view and cross section (Figures 25 through 31).

On-site plume. This plume originates on-site with the highest concentrations most frequently measured at well SW-1, a water table well (Figures 25 and 26). The on-site plume is predominantly PCE, with PCE concentrations an order of magnitude greater than the TCE concentrations (Figure 10). PCE shows an overall increasing trend in well SW-1 with recent spikes last year including a concentration of 200 µg/L in the second quarter and over 190 µg/L in the fourth, and with detection of 150µg/L during the first quarter of 2016. For the remaining wells, PCE concentrations continue to decline or are stable.

Off-site, upgradient plume. This plume is first detected at the farthest upgradient well cluster, the EW-7 series, and flows southeast with only the western portion captured by the CPC system (Figures 25 and 26). The off-site plume is predominantly TCE, with TCE concentrations typically an order of magnitude greater than the PCE concentrations (Figure 16). TCE concentrations increased over 100 µg/L in the first two quarters of 2015 in well EW-7C. However, these

concentrations returned to the December 2014 level of 190 µg/l by the end of the fourth quarter of 2015. TCE concentrations increased by 30 µg/l to 220 µg/l during the first quarter of 2016. The overall trend in TCE concentrations since 2011 has been decreasing. The off-site, upgradient plume extends at least as far south-southeast as the MW-10 series wells.

Well EW-14D. The groundwater contamination at EW-14D is high in TCE, similar to the off-site, upgradient plume (Figure 26). The PCE concentration, however, is below the criterion. Well EW-14D has the greatest variability in TCE concentrations of all of the wells evaluated for contaminant concentration trends (Figure 20).

Southern Area. This location is centered on the BP-3 series wells far south of the CPC site (Figures 25 and 26). The concentration of PCE is higher than the concentration of TCE by more than an order of magnitude (Table 3). The source of groundwater contamination at the BP-3 series wells has not been investigated.

PCE Cross Sections

Figures 27, 28 and 29 depict PCE concentrations in wells to the east, center, and to the west of the Site and show the vertical extent of PCE. PCE was detected at 13 µg/L at 198 feet bgs in EW-7C (Figure 27, Cross Section A – A’); 10 µg/L at 291 feet bgs at EW-4D (Figure 28, Cross Section B – B’); and 150 µg/L at 70 feet bgs at well SW-1 (Figure 29, Cross Section C - C’).

TCE Cross Sections

Figures 30 and 31 depict TCE concentrations in wells to the east and west of the Site and show the vertical extent of TCE. TCE was detected at 220 µg/L at 198 feet bgs at well EW-7C and 150 µg/L at 191 feet bgs at well EW-14D. TCE was detected at 16 µg/L at 70 feet bgs at well SW-1 (Figure 31, Cross Section B – B’).

4.3.2 Comparison to Historical Groundwater Quality

Figures 5 through 24 illustrate the historical concentration trends for PCE and TCE in multiple wells. Table 4 summarizes the concentration trends in each of the wells.

Table 4 - PCE and TCE Concentration Trends in Select Monitoring Wells

Well	Screen Depth	Location	PCE Trend	TCE Trend	Figure
CPC Plume Wells					
DW-1	93-98	South-southwest of CPC	Flat, slightly increasing	Flat, slightly increasing	Figure 8
EW-1A	65-75	Southwest of CPC	Decreasing	Decreasing	Figure 9
SW-1	65-70	Southwest, closest to CPC	Increasing by ~100 µg/L in 2015	Slightly increasing	Figure 10
EW-5	165-175	South-southeast of CPC	Flat, slightly decreasing	Decreasing	Figure 11
Off-Site Plume(s) Wells					
EW-4A	100-115	East of CPC	Decreasing with small increases in 4Q of	Flat	Figure 12

Well	Screen Depth	Location	PCE Trend	TCE Trend	Figure
			2015 and 1Q of 2016		
EW-4B	120-130	East of CPC	Decreasing	Flat, slightly decreasing	Figure 13
EW-4C	145-155	East of CPC	Flat, with small increase in 1st Qtr of 2016	Decreasing, with small increase in 1st Qtr of 2016	Figure 14
EW-4D	285-295	East of CPC	Flat, slightly decreasing	Decreasing	Figure 15
EW-7C	189-199	Upgradient, North of CPC	Flat	Decreasing	Figure 16
EW-7D	273-283	Upgradient, North of CPC	Decreasing	Flat	Figure 17
MW-10D	346-351	Southeast of CPC	Flat	Flat with fluctuations in past 1.5 years	Figure 18
EW-12D	209-219	East of CPC	Flat, 10 µg/L increase mid-2015, returned to pre-2015 levels	Increasing, spike of >50 µg/L mid-2015, returned to 2014 levels	Figure 19
EW-14D	185-195	Southeast of CPC	Flat	Decreasing with very large fluctuations	Figure 20
Extraction Wells and Plant Influent					
EX-1	75-110	Extraction well south of CPC	Increasing	Increasing	Figure 21
EX-2	95-120	Extraction well south-southeast of CPC	Decreasing	Decreasing	Figure 22
EX-3	94-194	Extraction well south-southeast of CPC	Flat	Decreasing	Figure 23
PW-002	NA	Plant influent	Flat	Decreasing	Figure 24

Decreasing trends indicate mass removal from groundwater in the area around the well. Increasing and stable trends are indicative of partial capture and/or additional source(s) contributing to groundwater contamination in the area of the well.

5 Conclusions and Recommendations

5.1 Conclusions

The first quarter 2016 groundwater monitoring event at the CPC Site included collection of 31 groundwater samples (28 groundwater monitoring wells and 3 extraction wells). Analysis of the data has resulted in the following conclusions:

- A groundwater plume of VOCs, primarily PCE, originates proximate to the former Process Building (on-site plume). The GWET system captures most of the PCE plume reducing the concentration in groundwater;
- An off-site, upgradient plume consisting mostly of TCE originates to the north or northwest in the adjoining industrial park. The TCE contamination is only partially captured by the CPC GWET system;
- The upgradient wells and south/southeastern wells are outside the radius of influence of the CPC GWET system which was intended to treat CPC OU 4 on-site contamination only;
- 2.9 kilograms of total VOCs were removed during the reporting period;
- Concentrations of contaminants in effluent groundwater samples collected during the reporting period met discharge limits;
- The results from the first quarter 2016 groundwater sampling event showed compounds detected above criteria including TCE, DCE, C DCE, 1,1-DCA, 1,2-DCA, Freon-12, PCE and TCA.
- **An increasing trend in PCE concentrations was observed at well SW-1 in the onsite plume nearest the former Process Building beginning mid-2015 and continuing. However, the PCE concentration decreased by 40 µg/L during the first quarter of 2016.**

5.2 Recommendations

In order for the CPC GWET system to continue to operate effectively, HDR recommends rehabilitation and/or replacement of the injection wells to increase the injection rate.

6 References

Ebasco Services Inc. "Draft final remedial investigation report, Claremont Polychemical Superfund Site, Old Bethpage, New York." Lyndhurst, NJ, 1990.

Ebasco Services Inc. "Draft final feasibility study, Claremont Polychemical Superfund Site, Old Bethpage, New York." Lyndhurst, NJ, 1990.

US Army Corps of Engineers. "Claremont Polychemical Superfund Site Long-term Groundwater Monitoring Old Bethpage, New York." 2001.

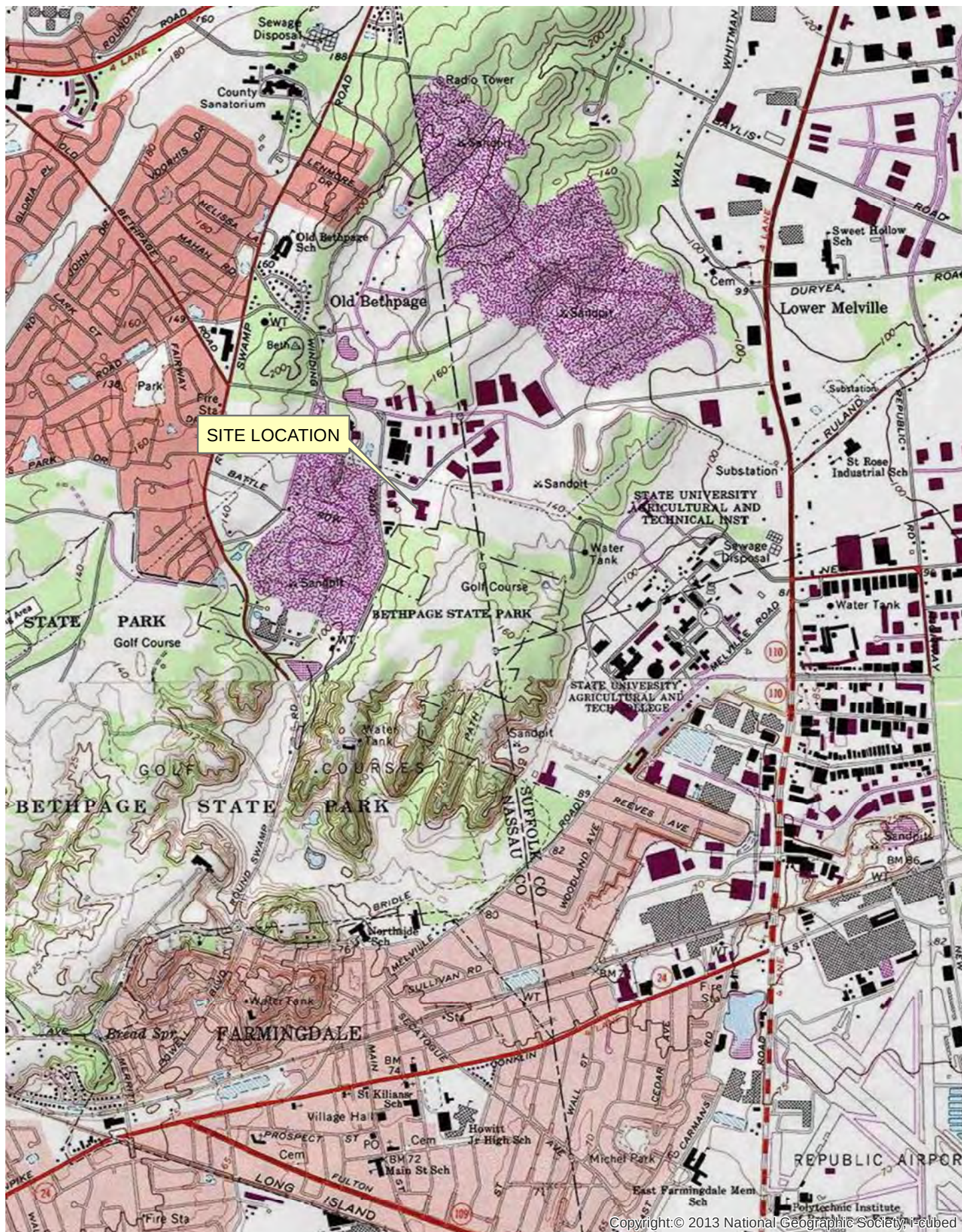
US Environmental Protection Agency. "Second Five-Year Review Report for the Claremont Polychemical Corporation Superfund Site." New York, NY, 2014.

Table 5
Summary of Analytical Results
March 2016 (1Q16) Sampling Event
Claremont Polychemical Superfund Site
Old Bethpage, NY

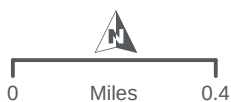
Sample Description	Date Collected	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	0061-01-1	110-82-7	124-48-1	75-71-8	100-41-4	98-82-8	79601-23	79-20-9	78-93-3	108-10-1	108-87-2	75-09-2	95-47-6	100-42-5
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
		5	60	5	5	5	7	5	5				5	5	5			50			5	5	5
		Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cis-1,2-Dichloroethylene	Cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene	Methyl Acetate	Methyl Ethyl Ketone (2-Butanone)	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	Methylcyclohexane	Methylene Chloride	O-Xylene (1,2-Dimethylbenzene)	Styrene
BP-3A	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.78 J	< 1.0 U	< 1.0 U	< 1.0 U	0.32 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
BP-3B	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.31 J	< 1.0 U	100	< 1.0 U	0.60 J	< 1.0 U	5.3	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	0.68 J	< 1.0 U	< 1.0 U
BP-3C	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.30 J	< 1.0 U	74	< 1.0 U	0.55 J	< 1.0 U	3.8	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
DW-1	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.47 J	< 1.0 U	0.66 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
DW-2	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.61 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-11D	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.40 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	3.3 J	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-12D	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.7	< 1.0 U	0.98 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	2.8 J	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-14D	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.69 J	< 1.0 U	1.1	< 1.0 U	0.58 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-1A	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	2	< 1.0 U	0.37 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-1A DUP	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	2.1	< 1.0 U	0.33 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-1B	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.61 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-1C	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.38 J	< 1.0 U	0.35 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	3.3 J	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-2A	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.39 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-2B	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.48 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-2C	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.28 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-2D	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-4A	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	7	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	3.2 J	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-4B	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.31 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-4C	3/14/2016	< 1.0 U	< 1.0 U	0.34 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.2	< 1.0 U	0.44 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-4D	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-5	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.54 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-7C	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	4	< 1.0 U	0.53 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	2.3 J	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-7D	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.49 J	< 1.0 U	< 1.0 U	< 1.0 U	0.46 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EX-1	2/22/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	3.5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EX-1 DUP	2/22/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	3.7	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EX-2	2/22/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.56 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EX-3	2/22/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	3.2	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-10D	3/14/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.53 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-8A	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.28 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-8B	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.40 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-8C	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.3	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW-1	3/16/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	11	< 1.0 U	0.48 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	3.9 J	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
WT-01	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
WT-01 DUP	3/15/2016	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.36 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U

Table 5
Summary of Analytical Results
March 2016 (1Q16) Sampling Event
Claremont Polychemical Superfund Site
Old Bethpage, NY

Note: values in blue <i>italics</i> are "J" flagged. Values in shaded cells exceed criteria.		75-65-0	1634-04-4	127-18-4	108-88-3	156-60-5	0061-02-4	79-01-6	75-69-4	75-01-4
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Description	Date Collected	Tert-Butyl Alcohol	Tert-Butyl Methyl Ether	Tetrachloroethylene (PCE)	Toluene	Trans-1,2-Dichloroethene	Trans-1,3-Dichloropropene	Trichloroethylene (TCE)	Trichlorofluoromethane	Vinyl Chloride
BP-3A	3/14/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
BP-3B	3/14/2016	< 10 U	< 1.0 U	120	< 1.0 U	0.62 J	< 1.0 U	12	0.56 J	1.6
BP-3C	3/14/2016	< 10 U	< 1.0 U	99	< 1.0 U	0.39 J	< 1.0 U	11	0.29 J	< 1.0 U
DW-1	3/16/2016	< 10 U	< 1.0 U	0.23 J	< 1.0 U	< 1.0 U	< 1.0 U	1.8	< 1.0 U	< 1.0 U
DW-2	3/16/2016	< 10 U	< 1.0 U	0.19 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-11D	3/14/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-12D	3/14/2016	< 10 U	0.14 J	2.1	< 1.0 U	< 1.0 U	< 1.0 U	9.6	< 1.0 U	< 1.0 U
EW-14D	3/15/2016	< 10 U	< 1.0 U	2.5	< 1.0 U	< 1.0 U	< 1.0 U	150	< 1.0 U	< 1.0 U
EW-1A	3/16/2016	< 10 U	< 1.0 U	3.9	< 1.0 U	< 1.0 U	< 1.0 U	1.5	< 1.0 U	< 1.0 U
EW-1A DUP	3/16/2016	< 10 U	< 1.0 U	3.9	< 1.0 U	< 1.0 U	< 1.0 U	1.3	< 1.0 U	< 1.0 U
EW-1B	3/16/2016	< 10 U	< 1.0 U	0.25 J	< 1.0 U	< 1.0 U	< 1.0 U	0.93 J	< 1.0 U	< 1.0 U
EW-1C	3/16/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.1	< 1.0 U	< 1.0 U
EW-2A	3/15/2016	< 10 U	< 1.0 U	< 1.0 U	0.41 J	< 1.0 U	< 1.0 U	0.30 J	< 1.0 U	< 1.0 U
EW-2B	3/15/2016	< 10 U	< 1.0 U	0.16 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-2C	3/15/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.43 J	< 1.0 U	< 1.0 U
EW-2D	3/15/2016	< 10 U	< 1.0 U	0.46 J	2.2	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
EW-4A	3/14/2016	< 10 U	< 1.0 U	7.5	< 1.0 U	< 1.0 U	< 1.0 U	1.1	< 1.0 U	< 1.0 U
EW-4B	3/14/2016	< 10 U	< 1.0 U	1	< 1.0 U	< 1.0 U	< 1.0 U	2.6	0.16 J	< 1.0 U
EW-4C	3/14/2016	< 10 U	< 1.0 U	13	< 1.0 U	2.1	< 1.0 U	23	< 1.0 U	< 1.0 U
EW-4D	3/14/2016	< 10 U	< 1.0 U	10	< 1.0 U	< 1.0 U	< 1.0 U	11	< 1.0 U	< 1.0 U
EW-5	3/16/2016	< 10 U	< 1.0 U	0.46 J	< 1.0 U	< 1.0 U	< 1.0 U	2.1	< 1.0 U	< 1.0 U
EW-7C	3/15/2016	< 10 U	1.1	13	< 1.0 U	< 1.0 U	< 1.0 U	220	< 1.0 U	< 1.0 U
EW-7D	3/15/2016	< 10 U	< 1.0 U	3.1	< 1.0 U	< 1.0 U	< 1.0 U	5.8	< 1.0 U	< 1.0 U
EX-1	2/22/2016	< 10 U	0.35 J	3.1	< 1.0 U	< 1.0 U	< 1.0 U	5.4	< 1.0 U	< 1.0 U
EX-1 DUP	2/22/2016	< 10 U	0.35 J	2.9	< 1.0 U	< 1.0 U	< 1.0 U	5.9	< 1.0 U	< 1.0 U
EX-2	2/22/2016	< 10 U	0.19 J	1.9	< 1.0 U	< 1.0 U	< 1.0 U	1.7	< 1.0 U	< 1.0 U
EX-3	2/22/2016	< 10 U	0.46 J	6.5	< 1.0 U	< 1.0 U	< 1.0 U	41	< 1.0 U	< 1.0 U
MW-10D	3/14/2016	< 10 U	< 1.0 U	2.2	< 1.0 U	< 1.0 U	< 1.0 U	1.7	< 1.0 U	< 1.0 U
MW-8A	3/16/2016	< 10 U	< 1.0 U	5.2	< 1.0 U	< 1.0 U	< 1.0 U	0.32 J	< 1.0 U	< 1.0 U
MW-8B	3/16/2016	< 10 U	< 1.0 U	0.22 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-8C	3/16/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW-1	3/16/2016	< 10 U	< 1.0 U	150	< 1.0 U	< 1.0 U	< 1.0 U	16	< 1.0 U	< 1.0 U
WT-01	3/15/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
WT-01 DUP	3/15/2016	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U

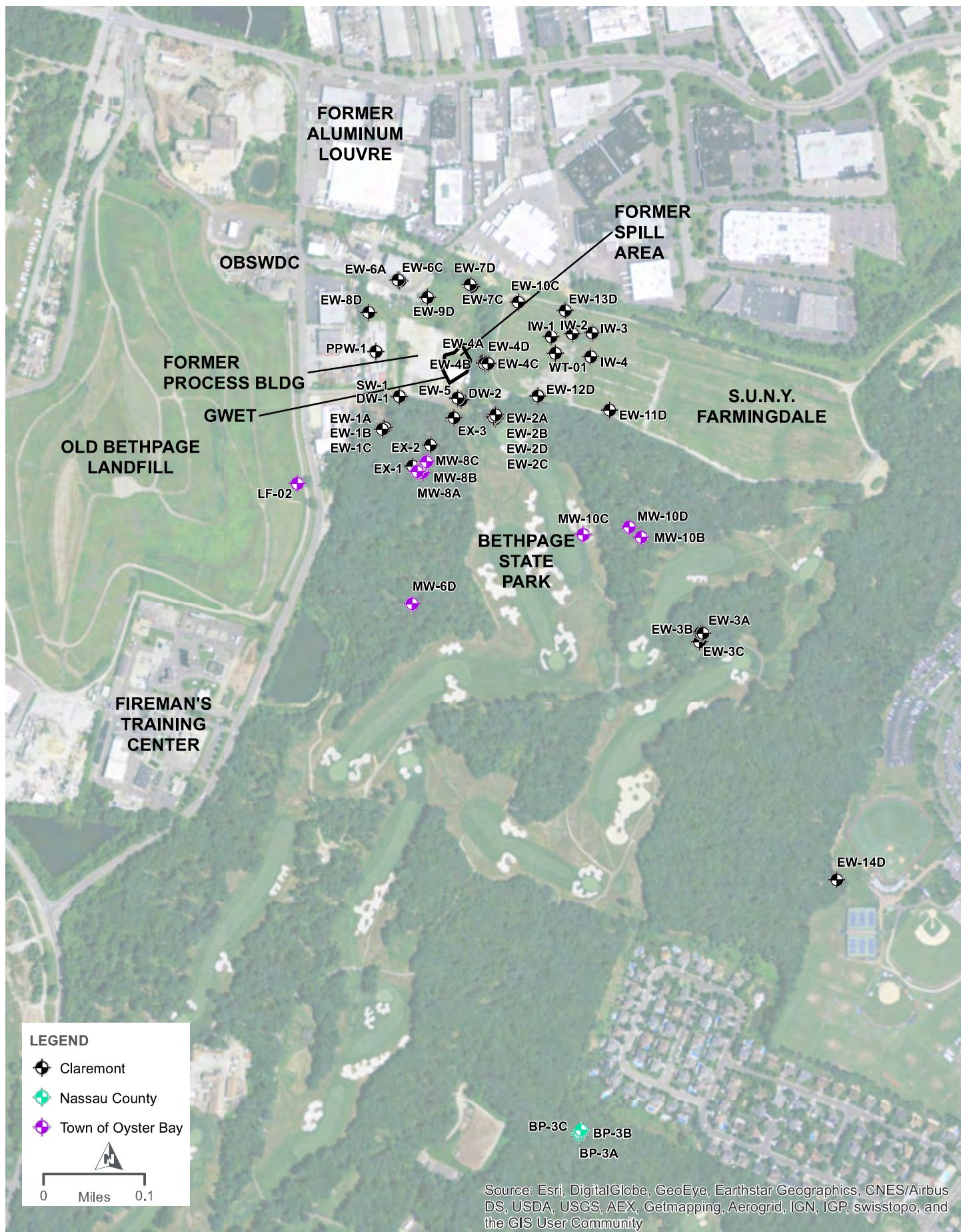


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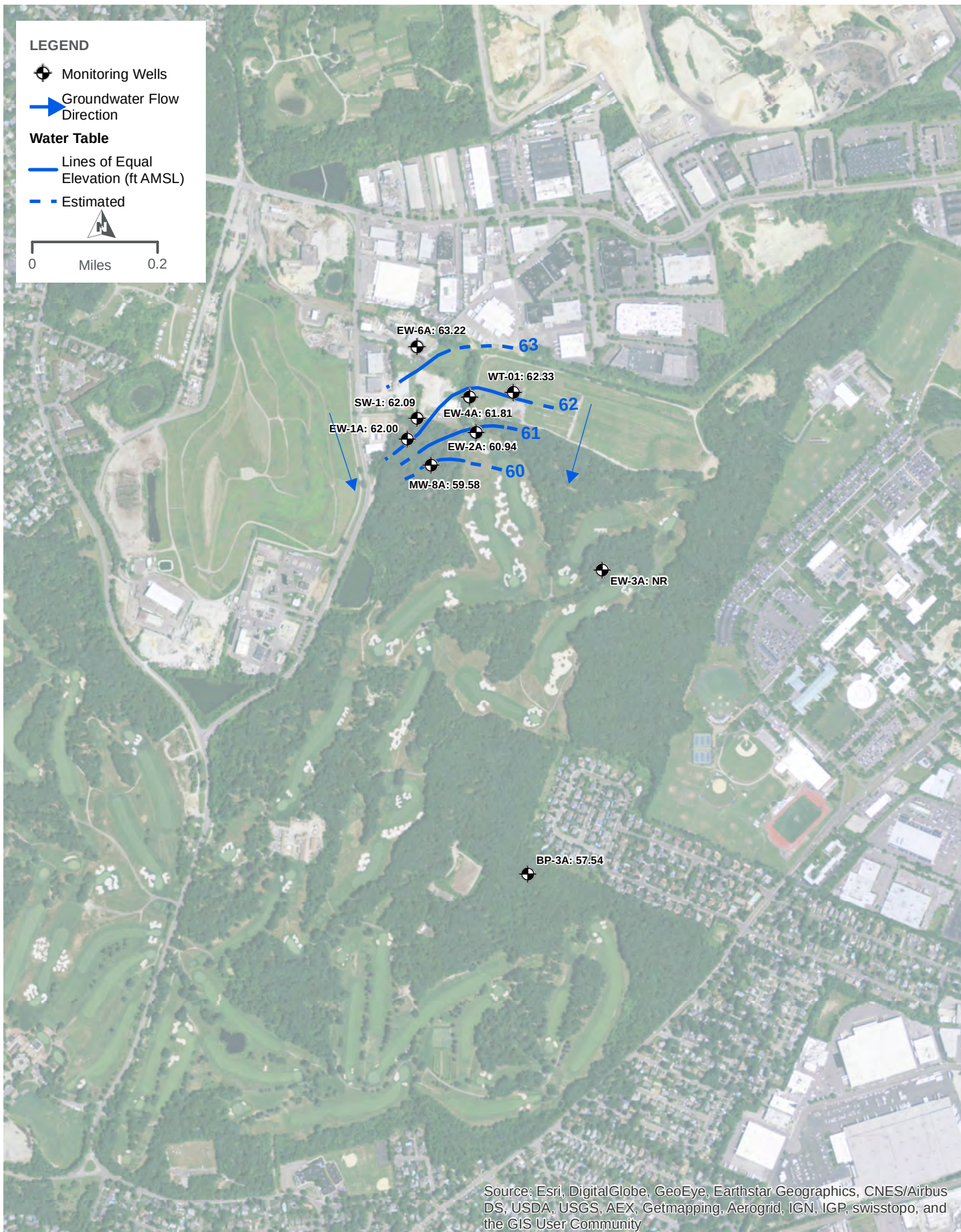
SITE LOCATION
CLAREMONT POLYCHEMICAL CORPORATION

FIGURE 1



WELL LOCATIONS CLAREMONT POLYCHEMICAL CORPORATION

FIGURE 2



WATER TABLE CONTOURS CLAREMONT POLYCHEMICAL CORPORATION

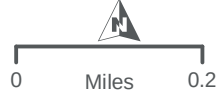
FIGURE 3

LEGEND

-  Monitoring Wells
-  GW Flow Direction

Water Table

-  Lines of Equal Elevation (ft AMSL)
-  Estimated



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



POTENTIOMETRIC SURFACE - MAGOTHY AQUIFER (-91 TO -142 FT AMSL) CLAREMONT POLYCHEMICAL CORPORATION

FIGURE 4

VOC Removal vs Time (PCE, TCE)

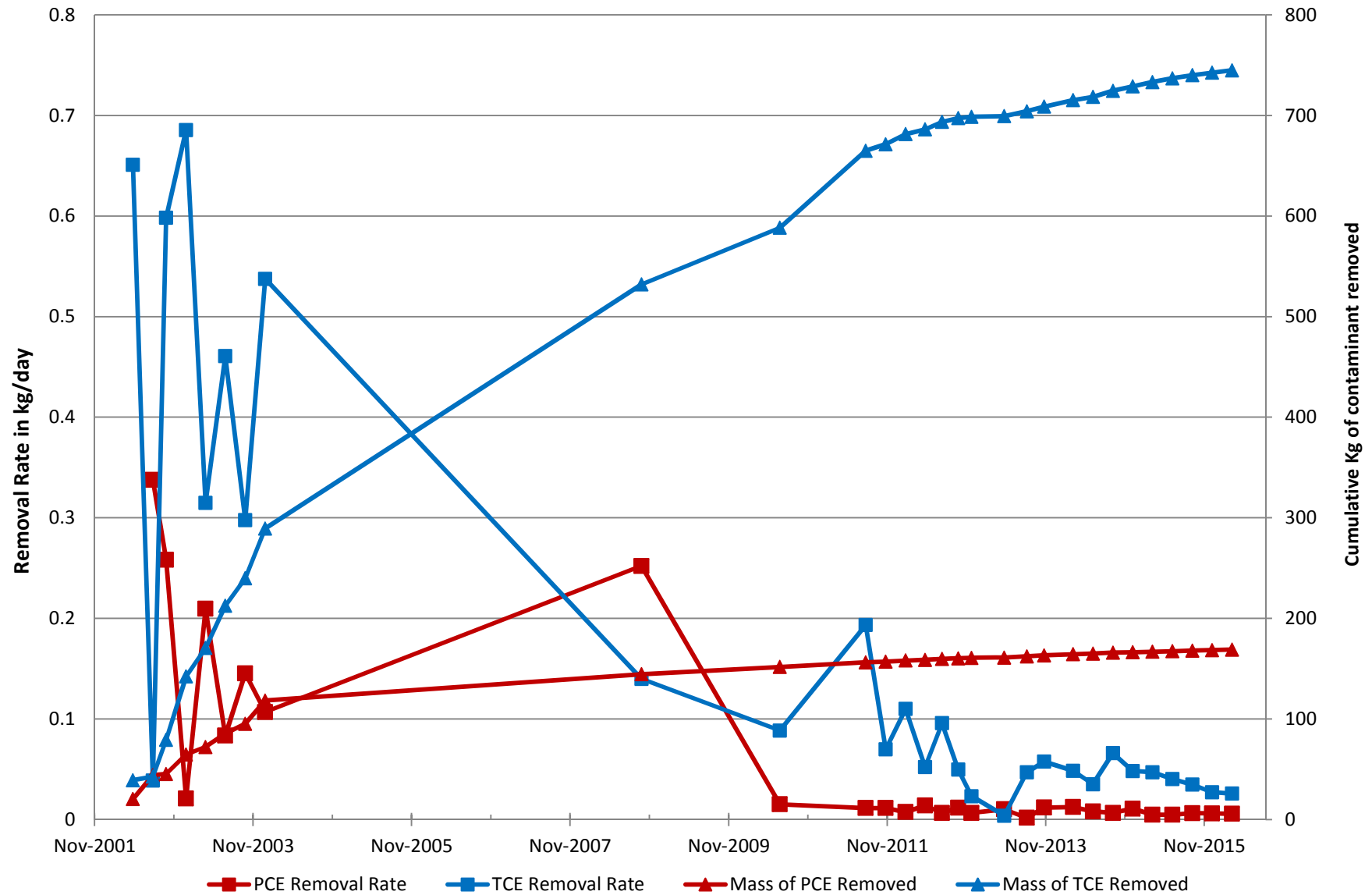


Figure 5

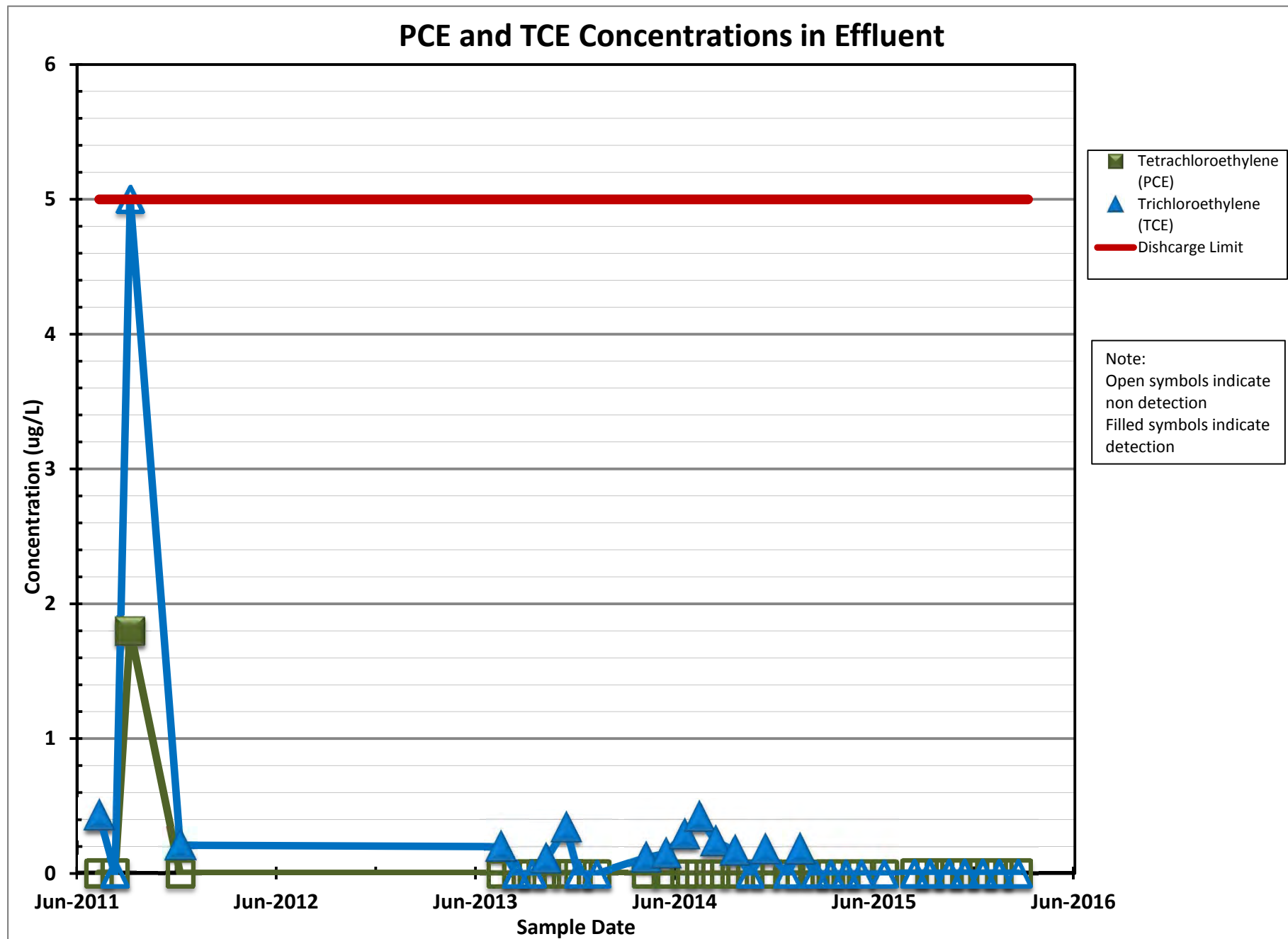


Figure 6

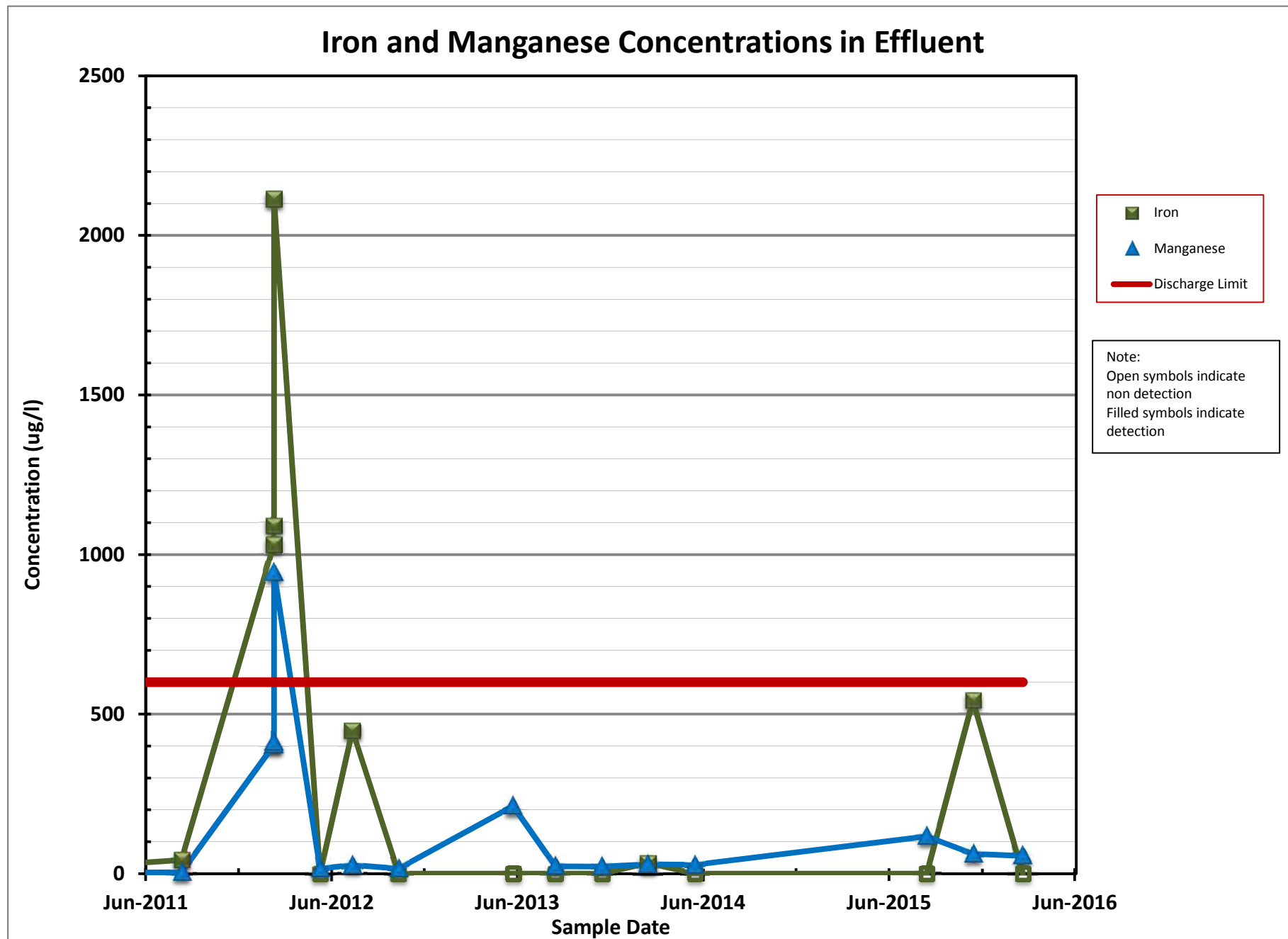


Figure 7

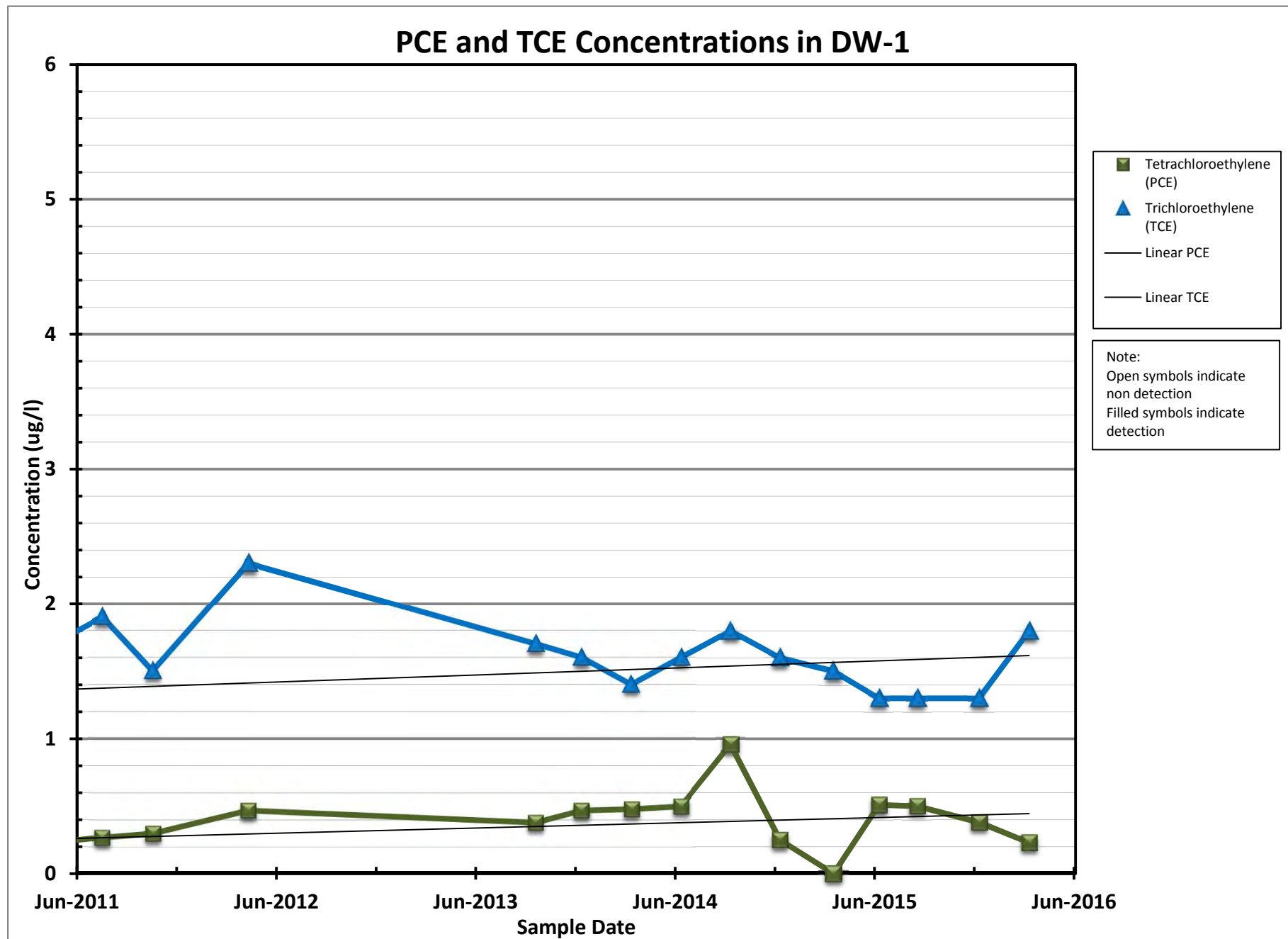


Figure 8

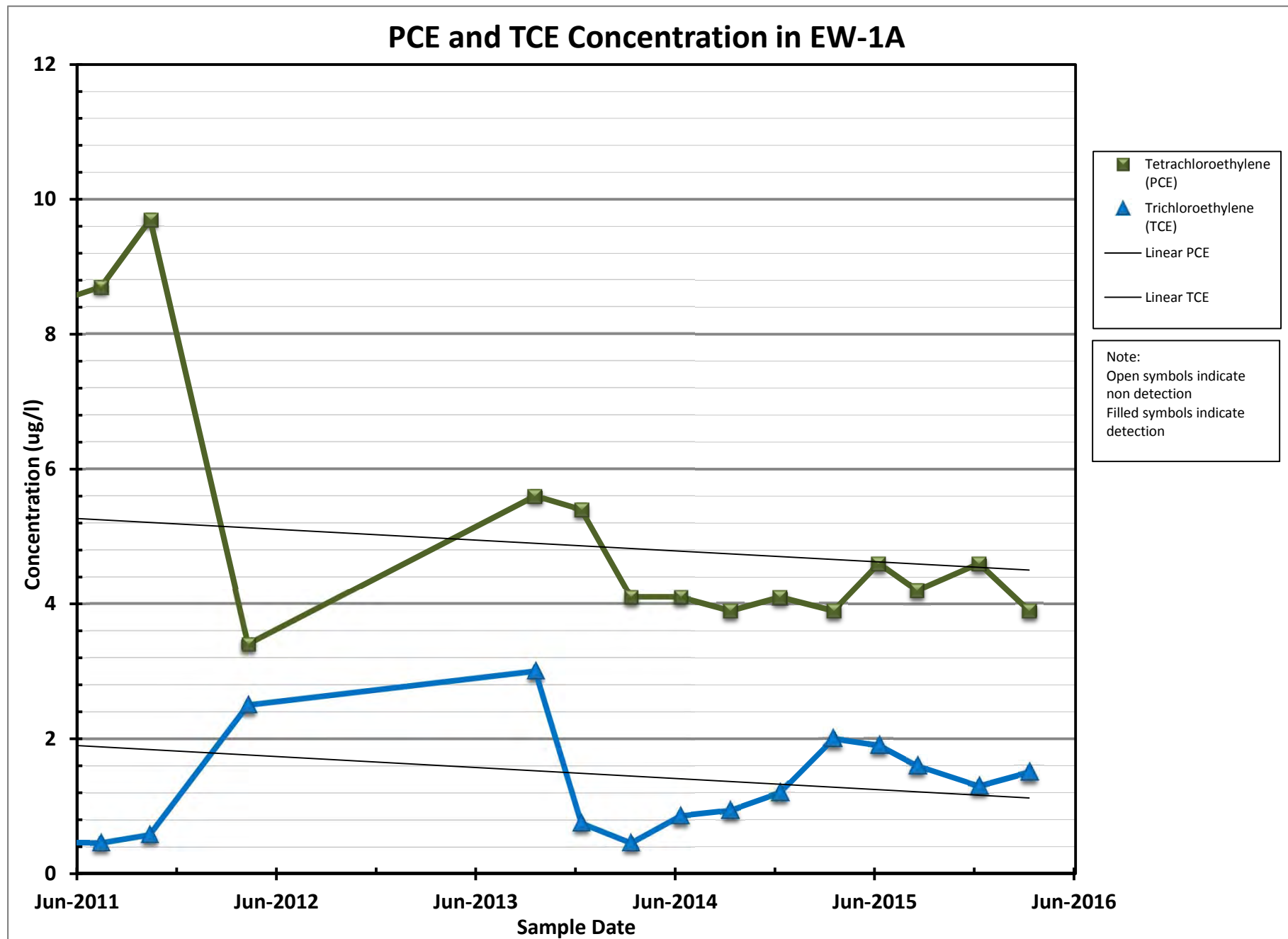


Figure 9

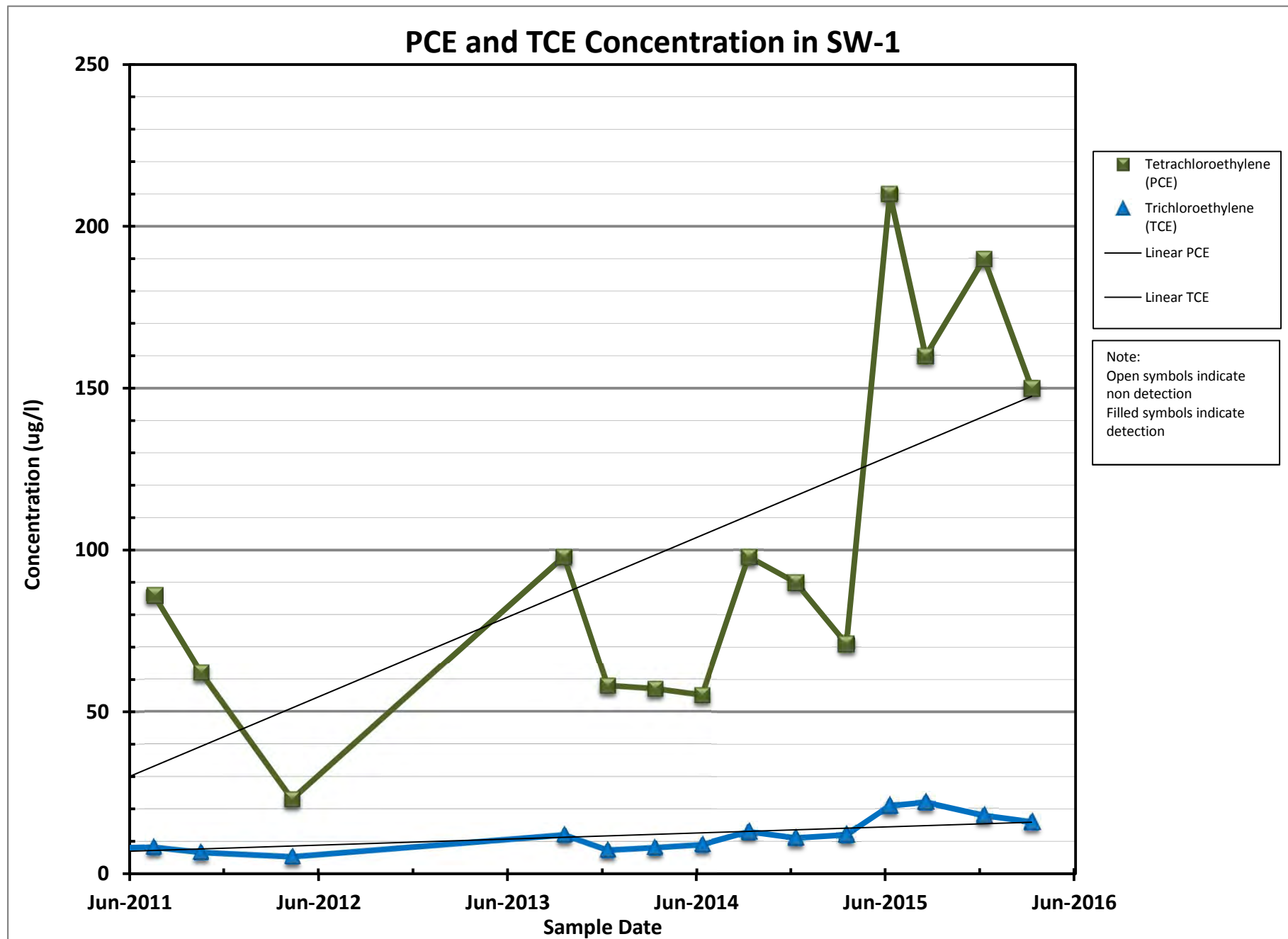


Figure 10

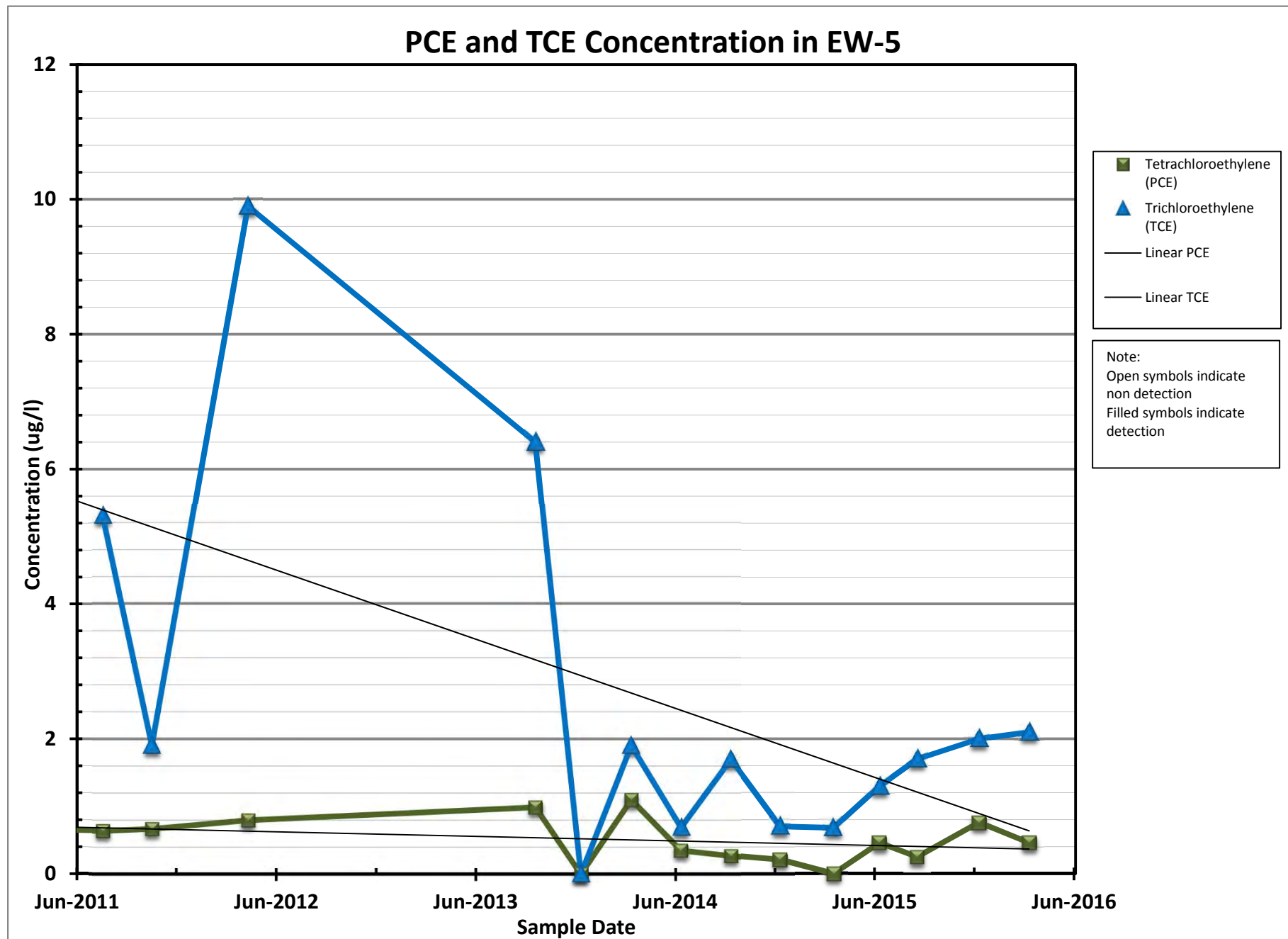


Figure 11

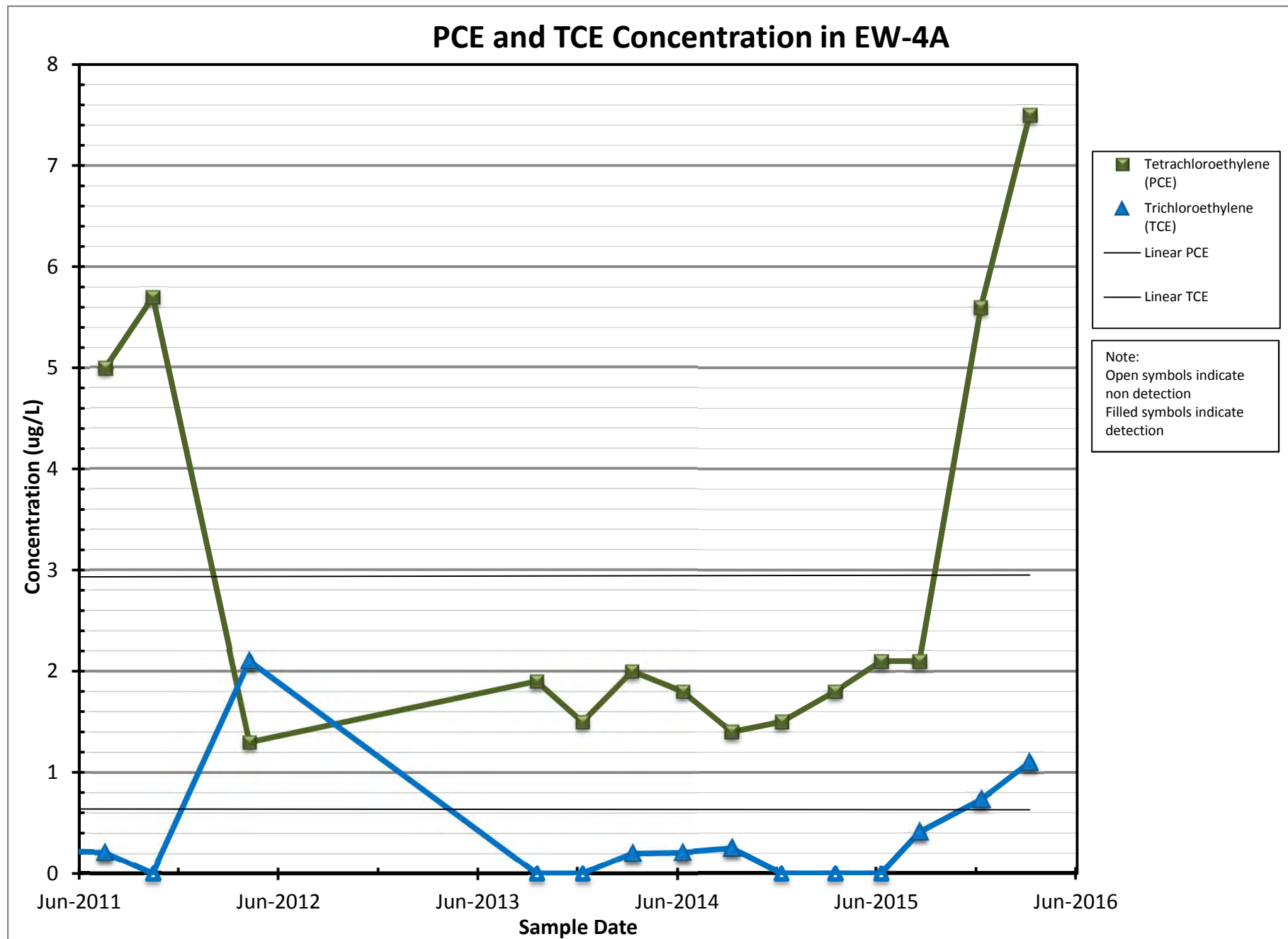


Figure 12

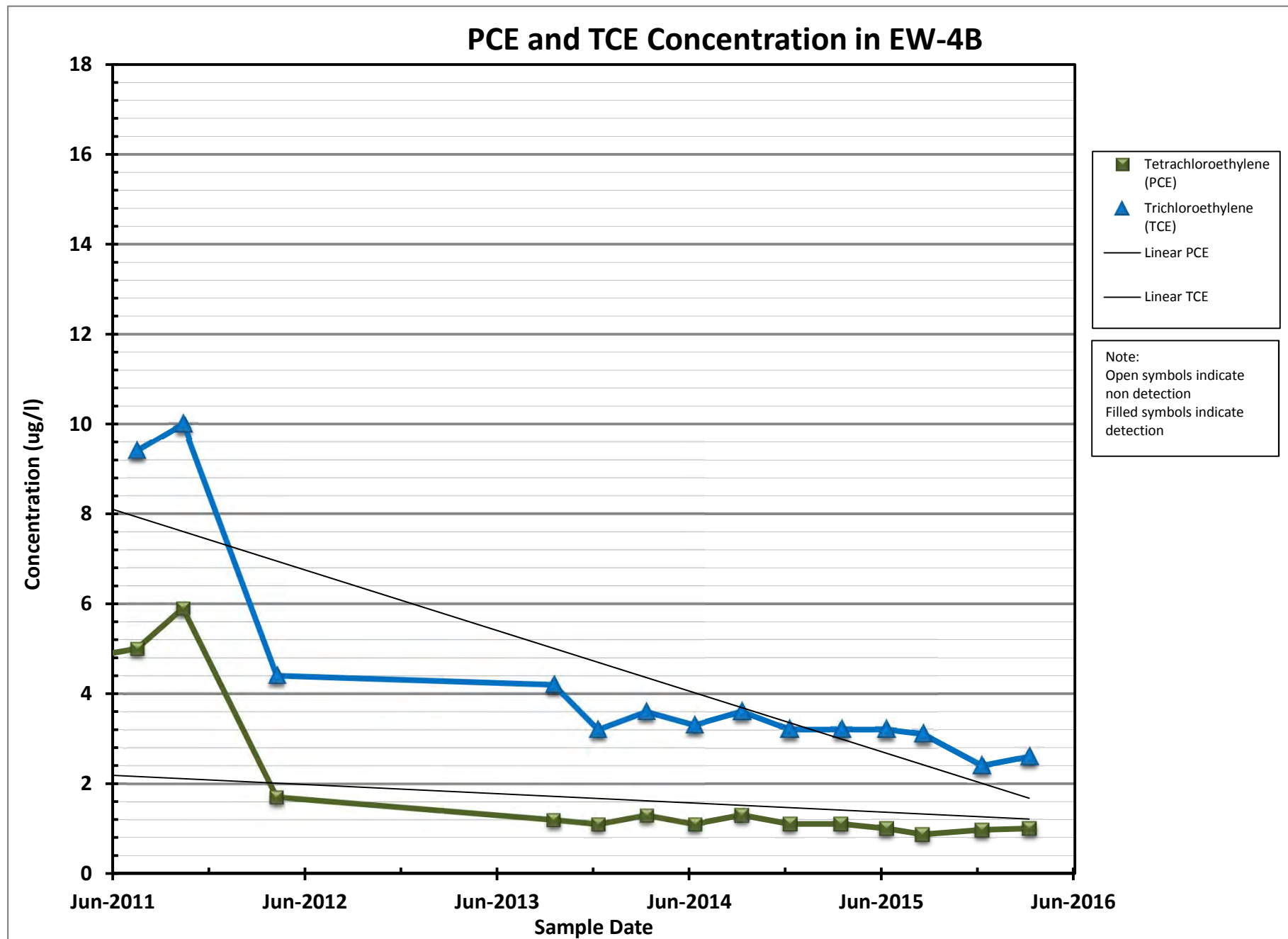


Figure 13

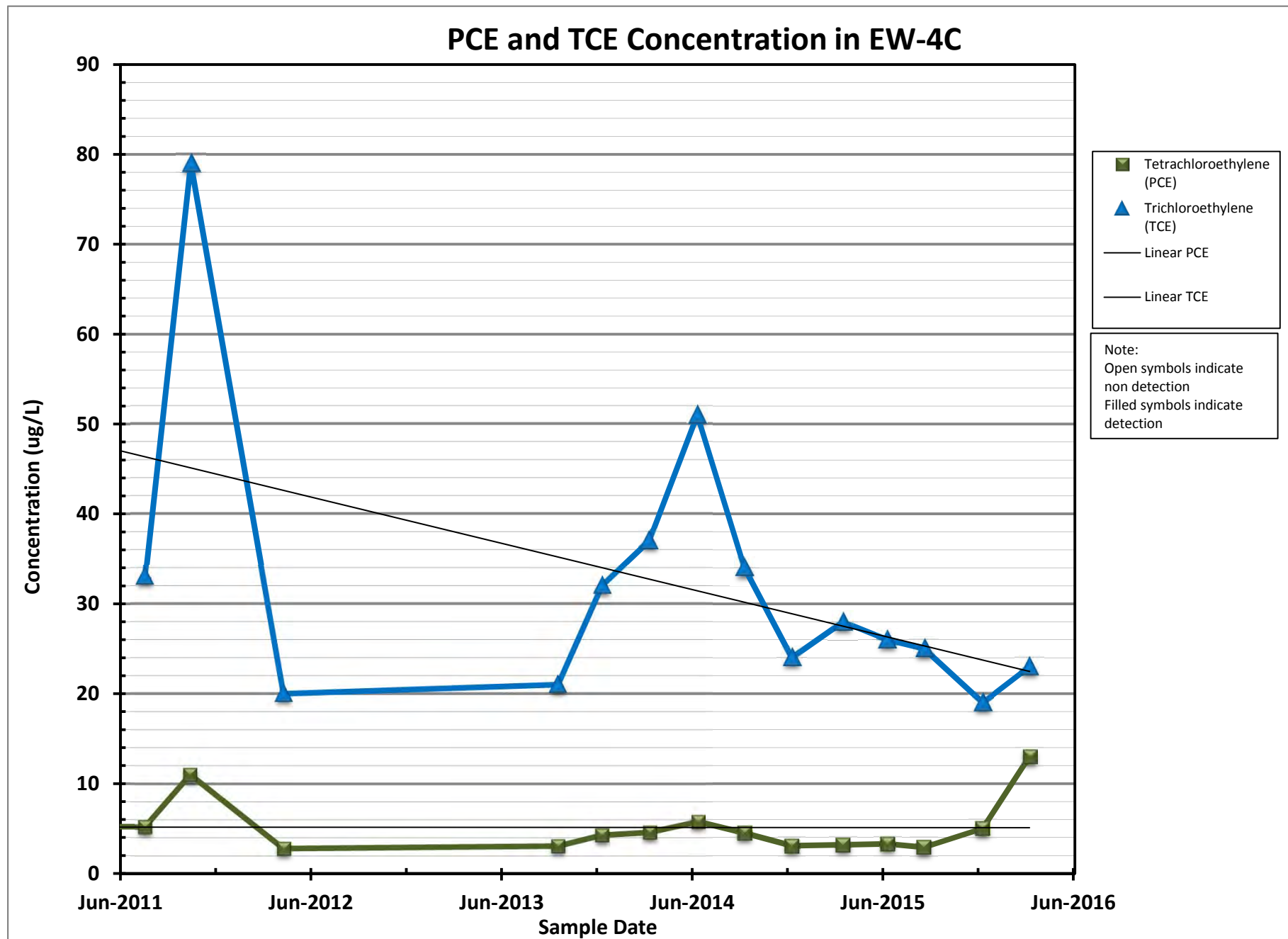


Figure 14

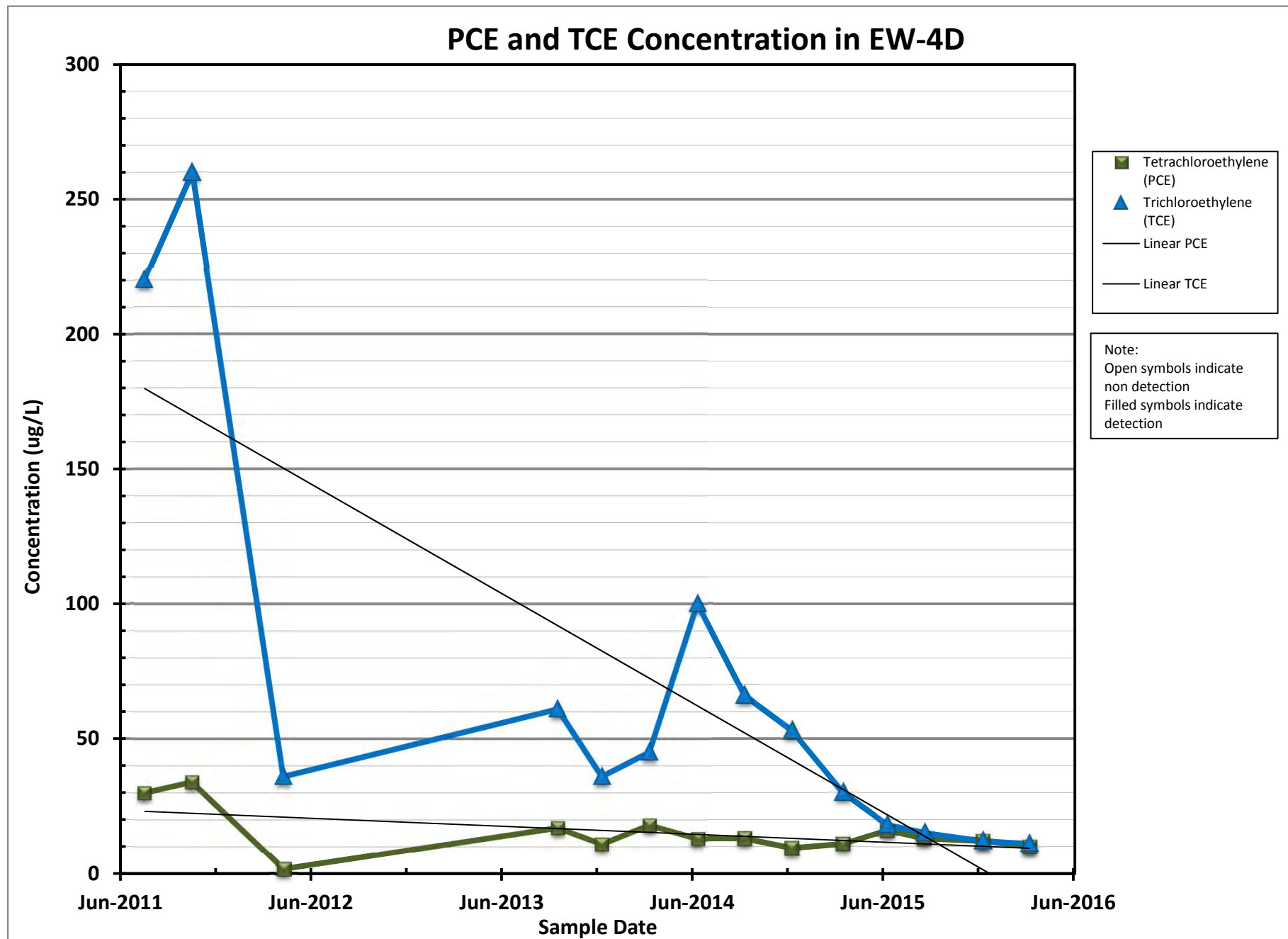


Figure 15

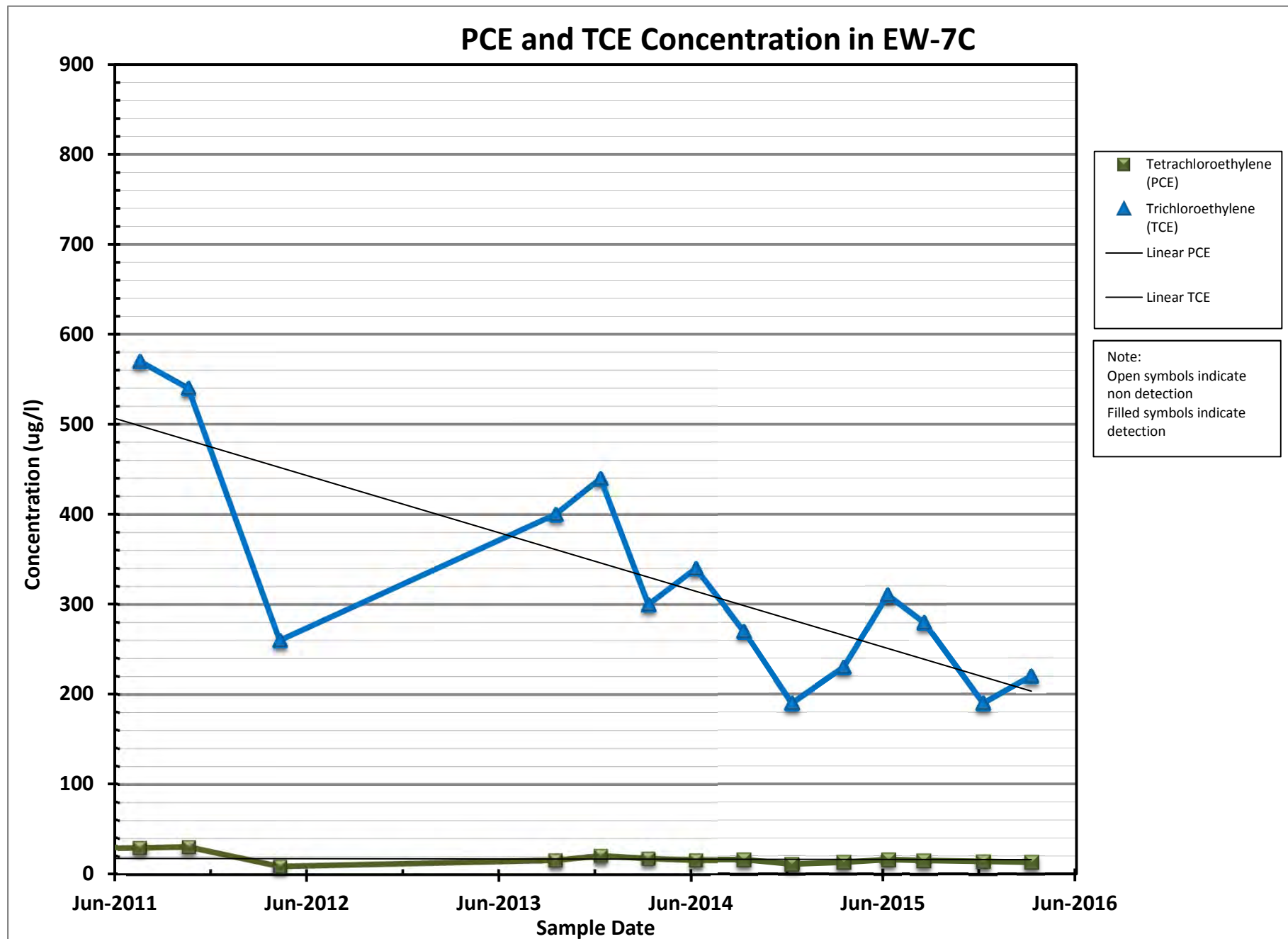


Figure 16

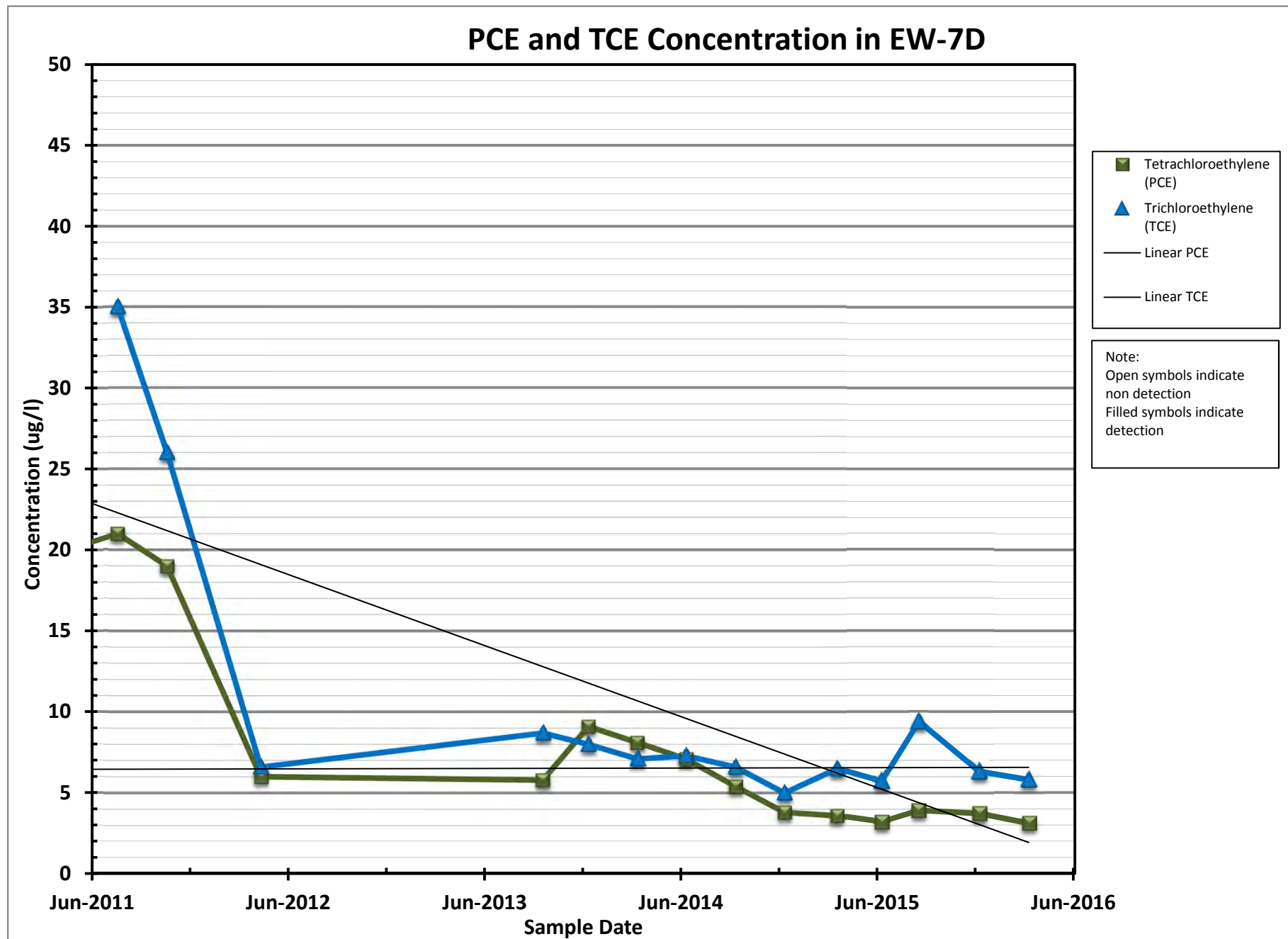


Figure 17

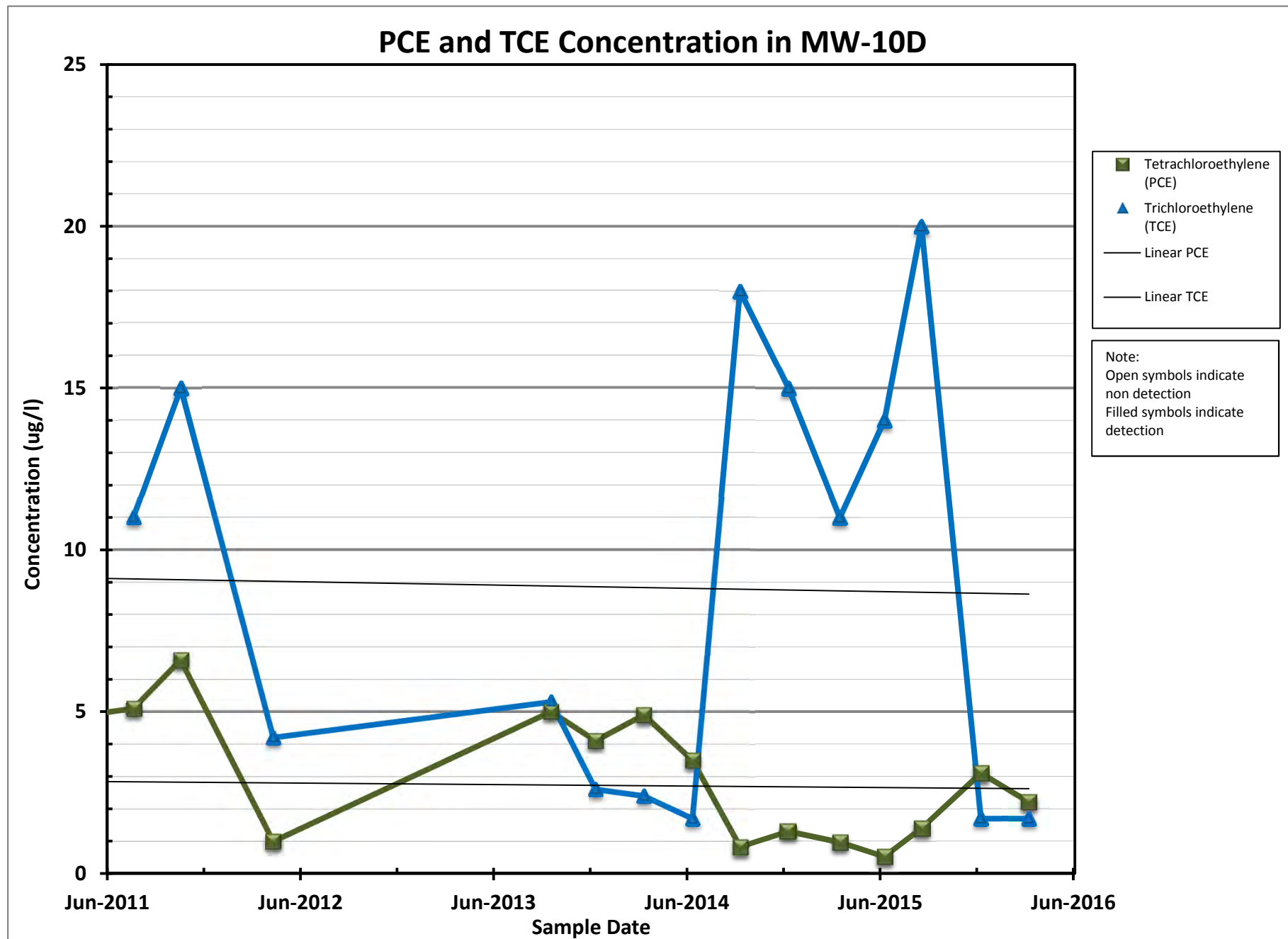


Figure 18

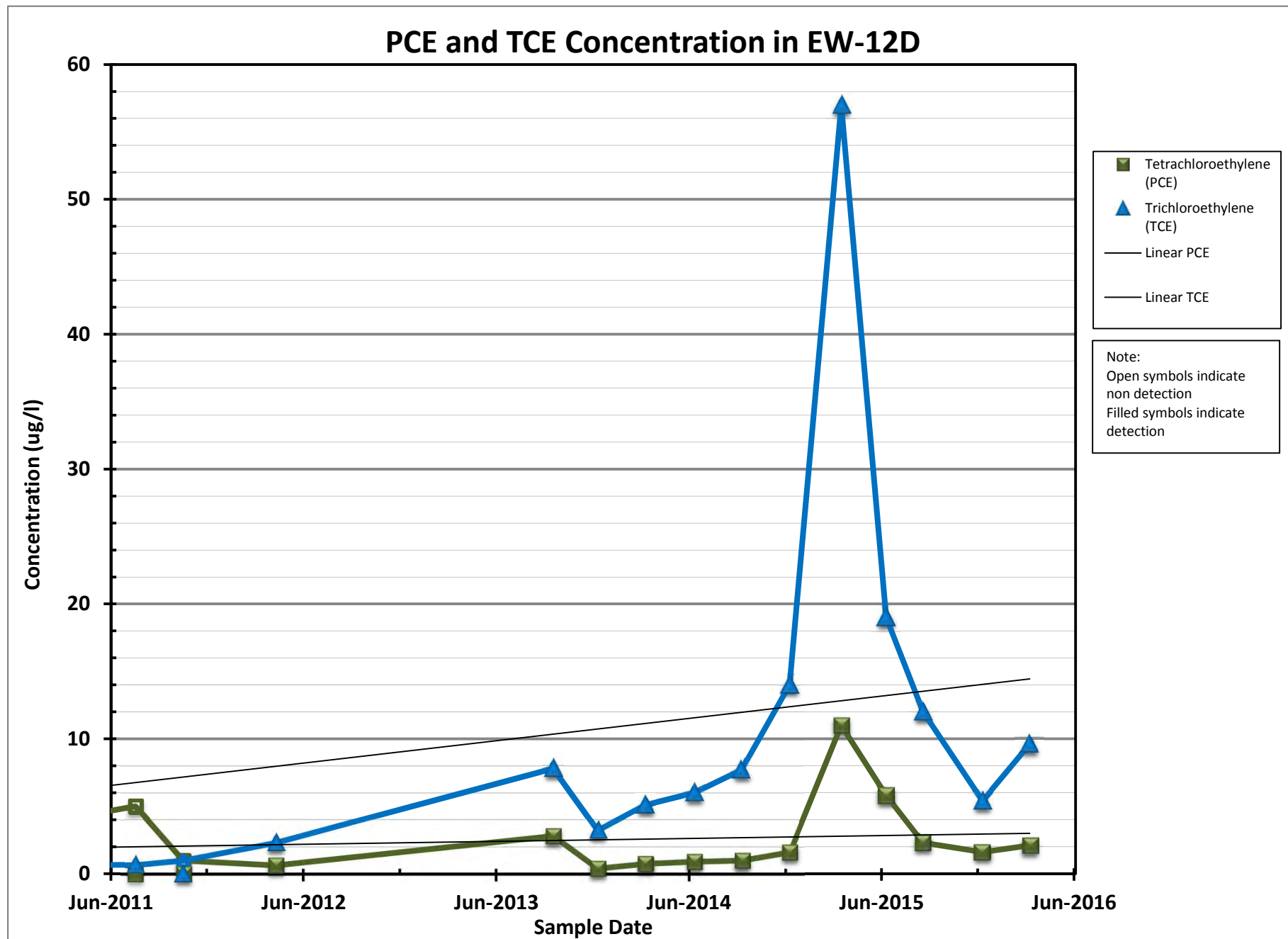


Figure 19

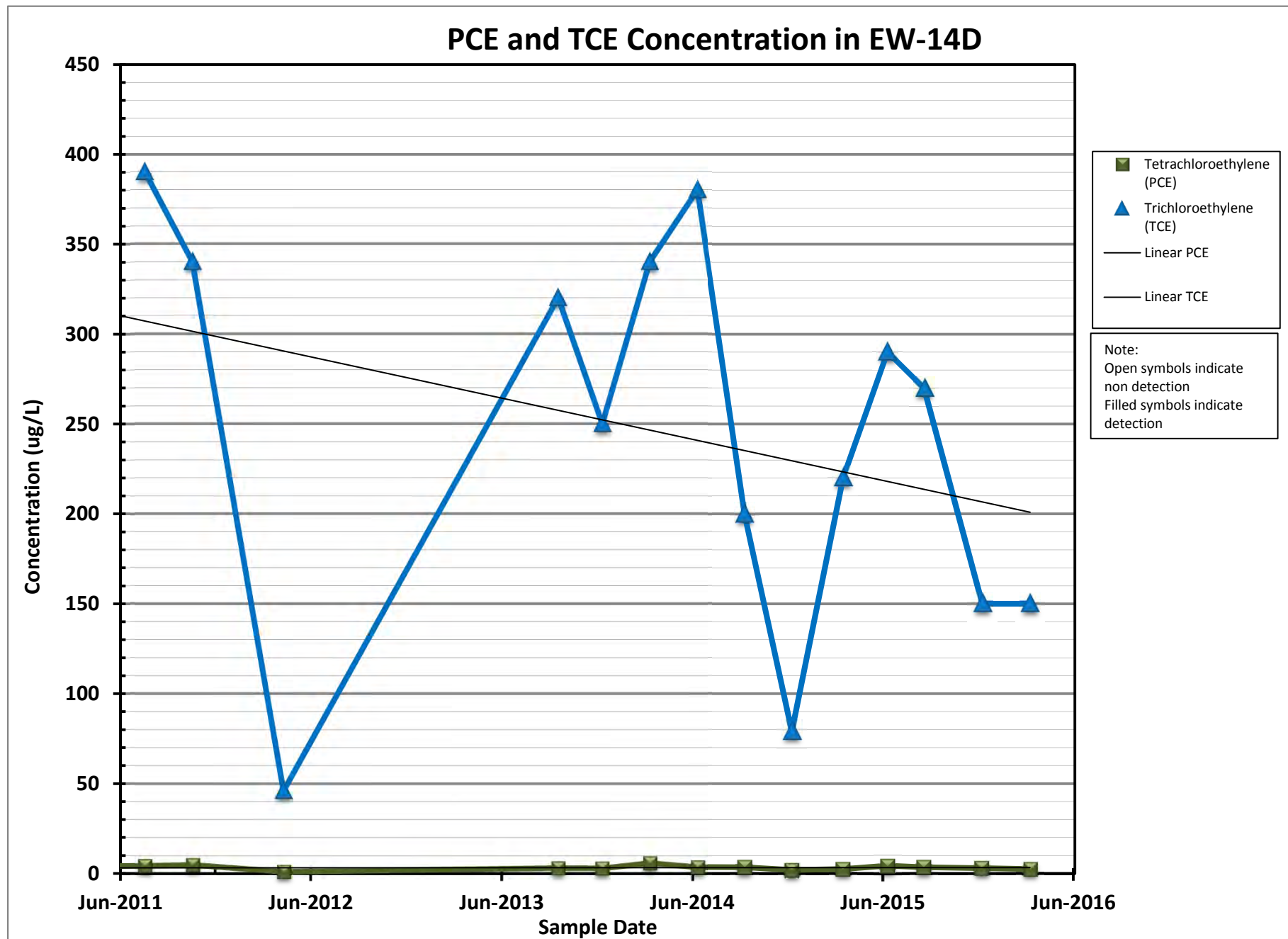


Figure 20

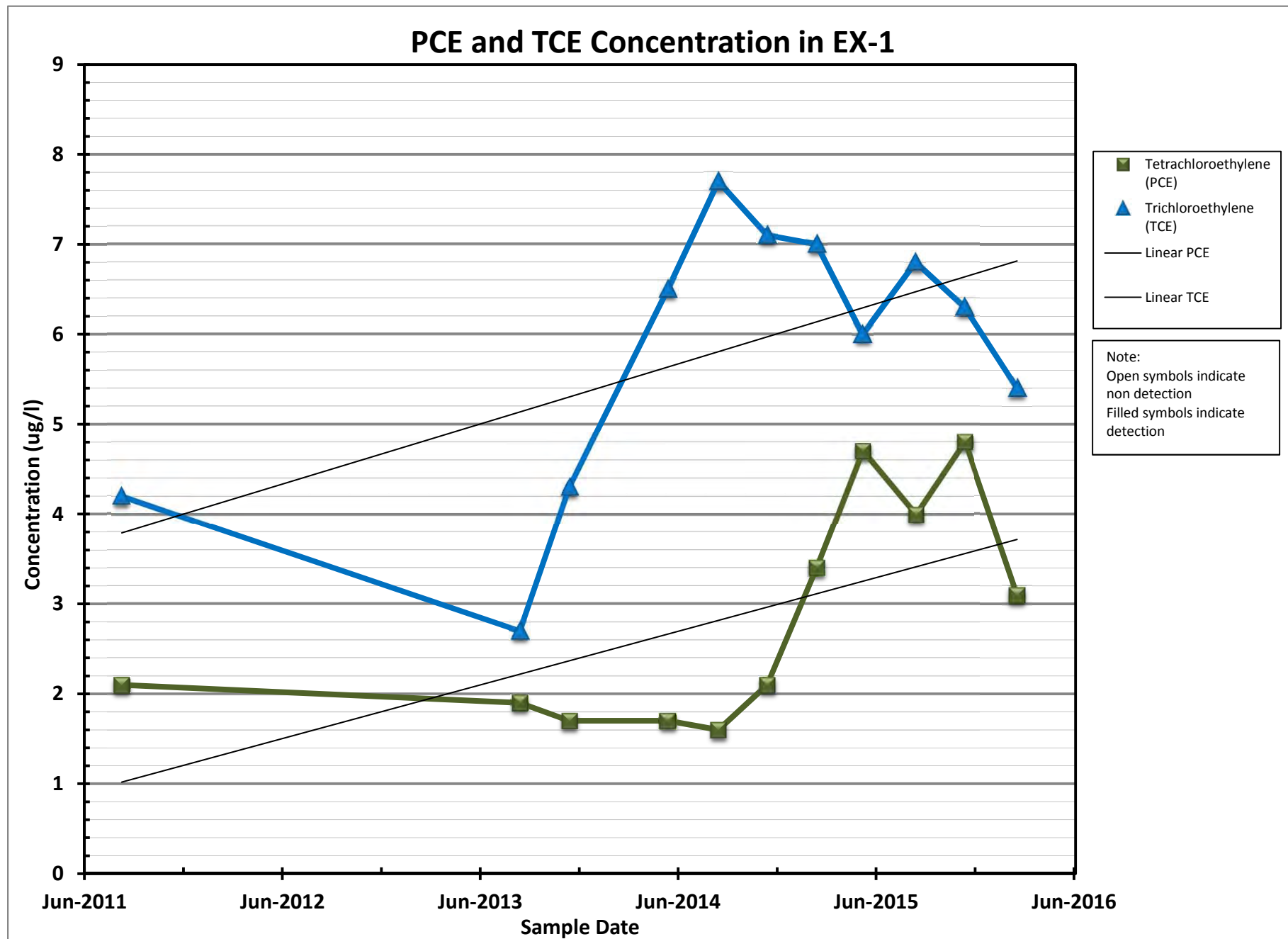


Figure 21

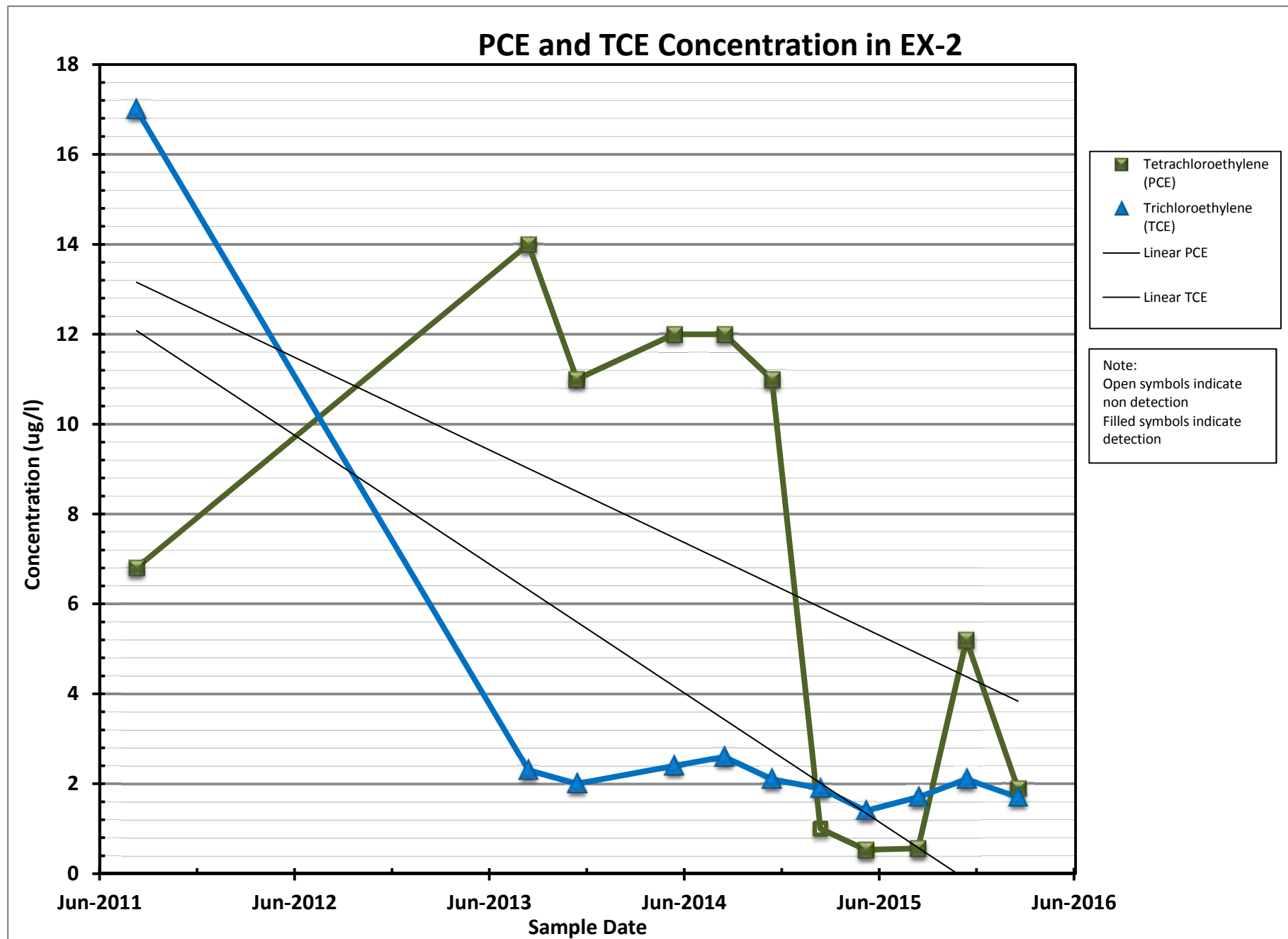


Figure 22

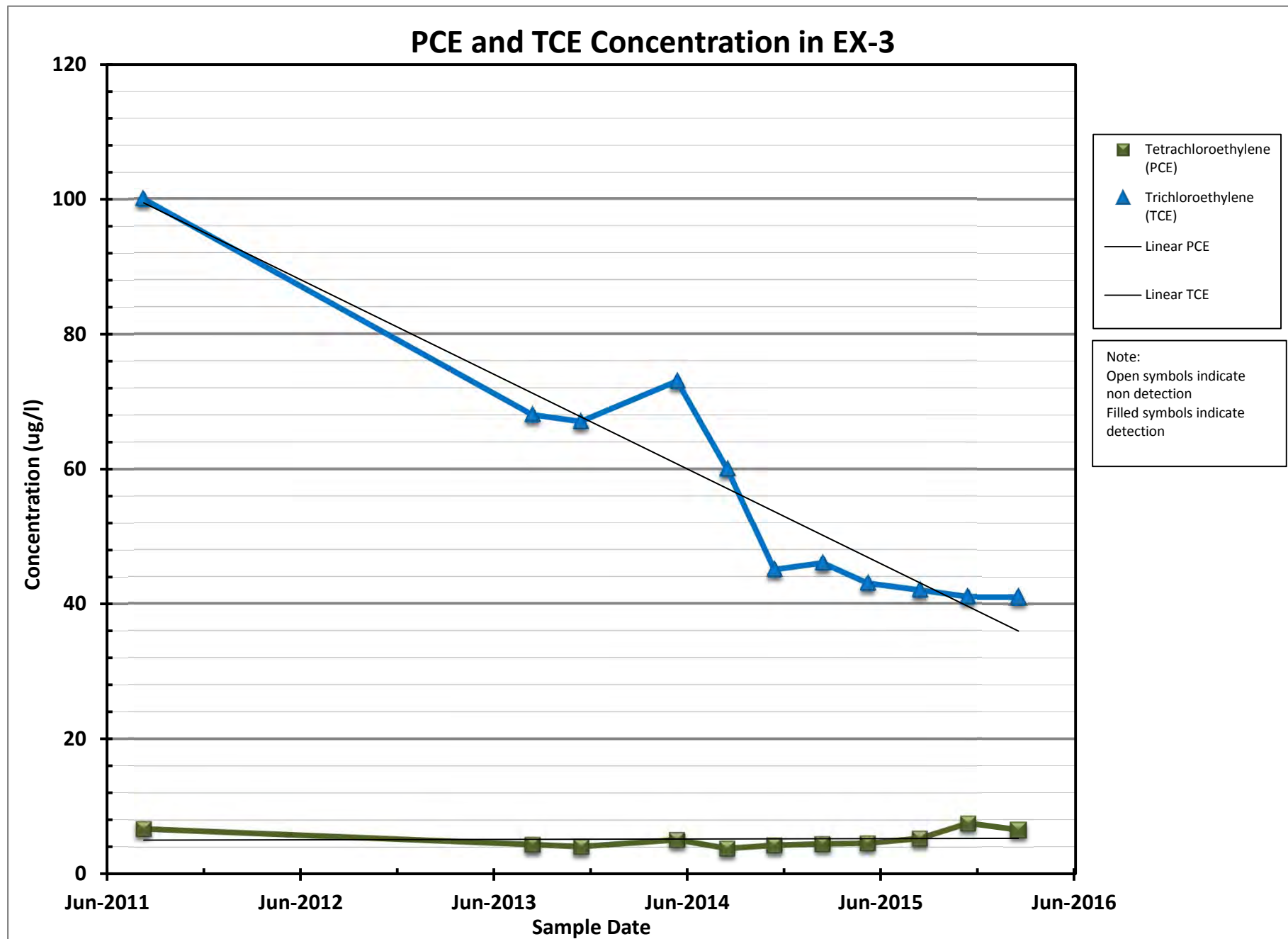


Figure 23

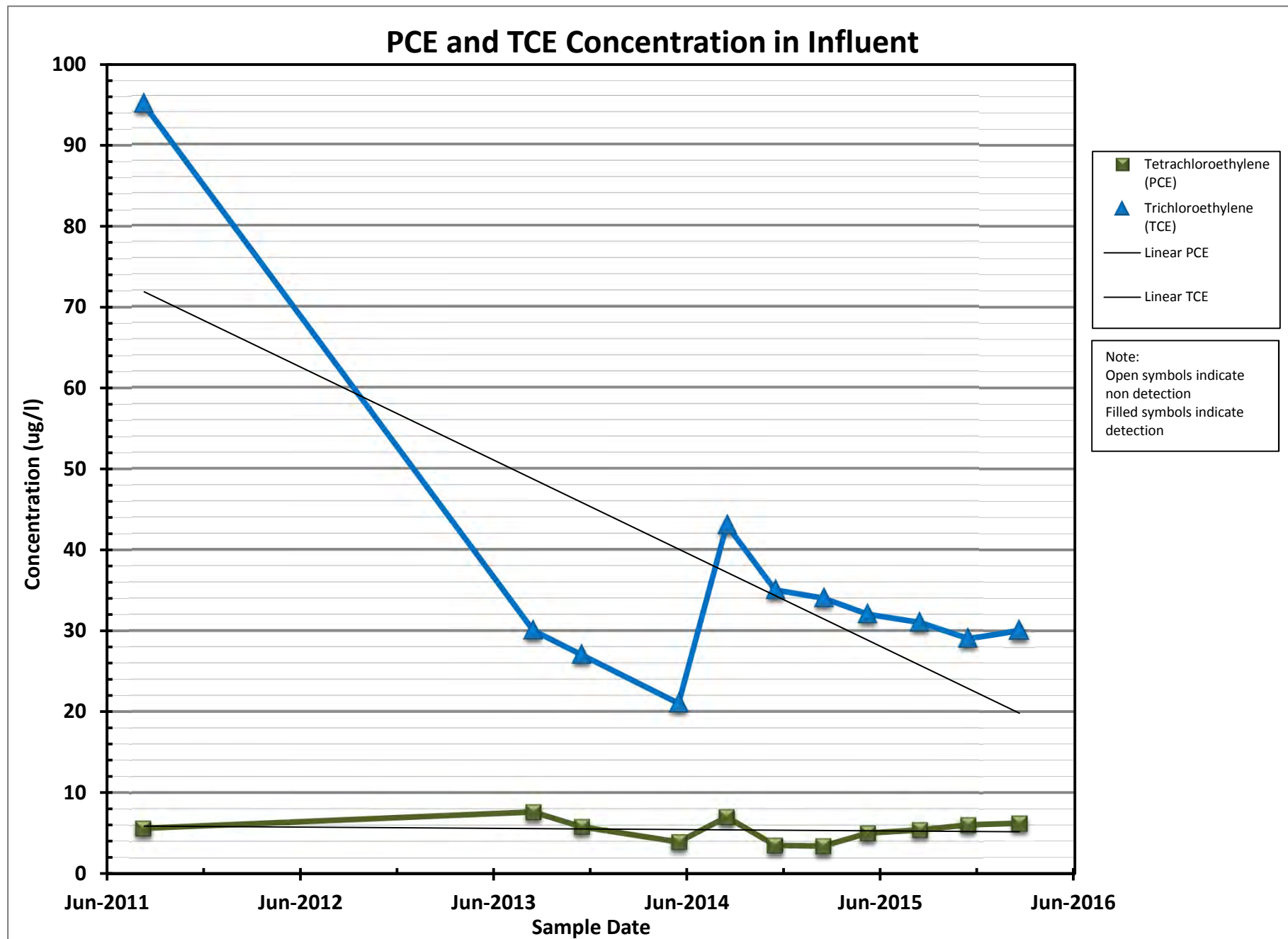
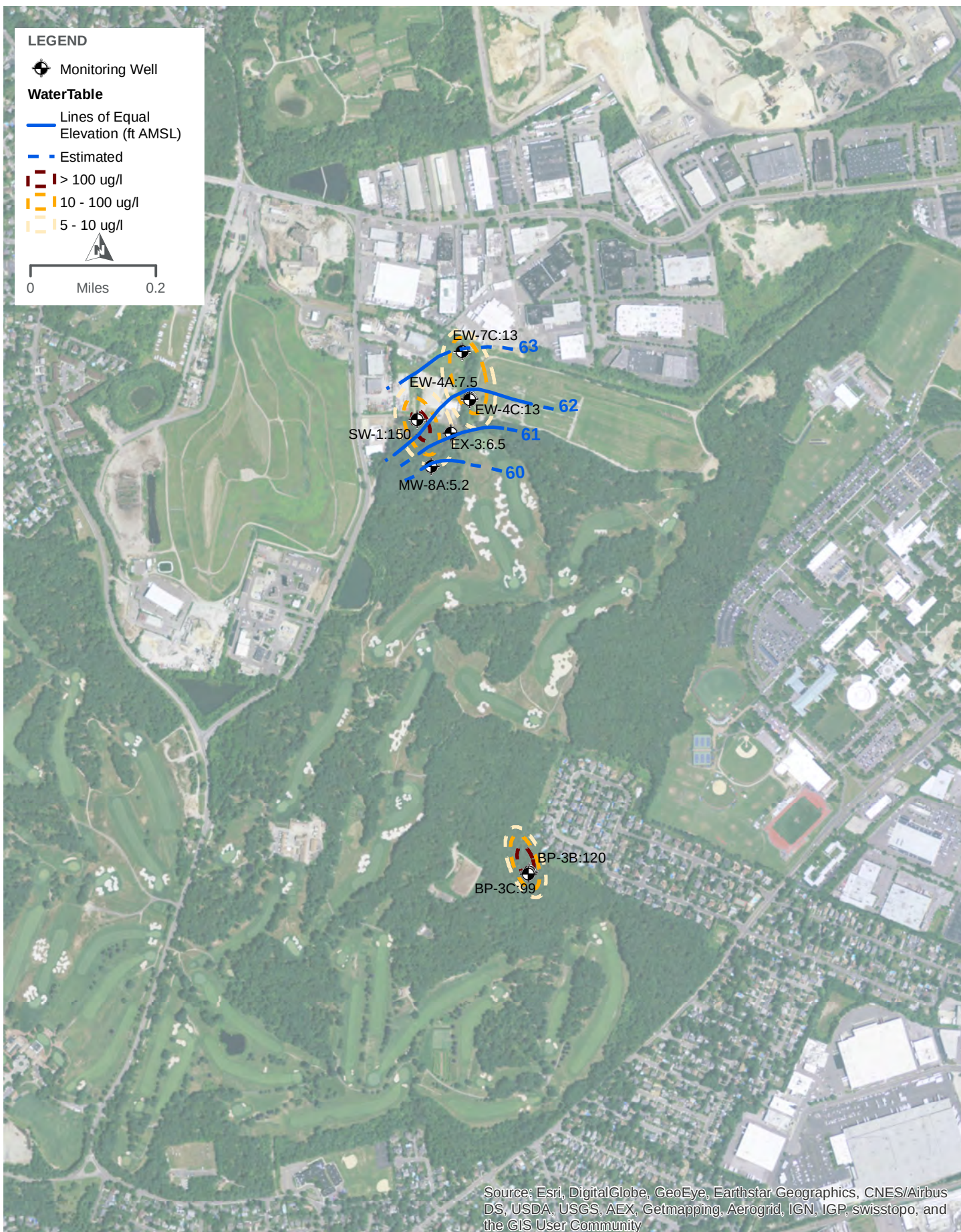
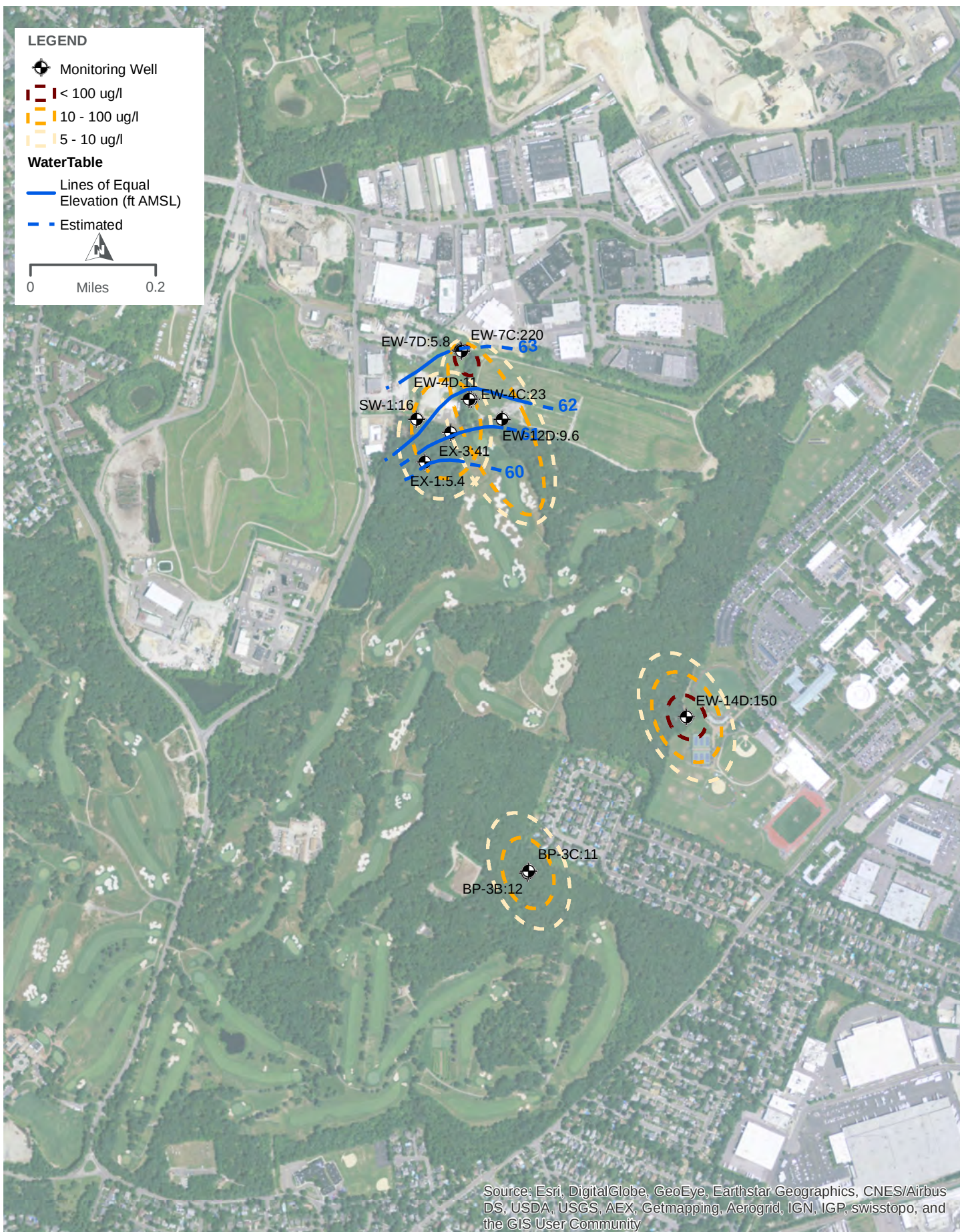


Figure 24



TETRACHLORETHENE (PCE) PLUME CLAREMONT POLYCHEMICAL CORPORATION

FIGURE 25



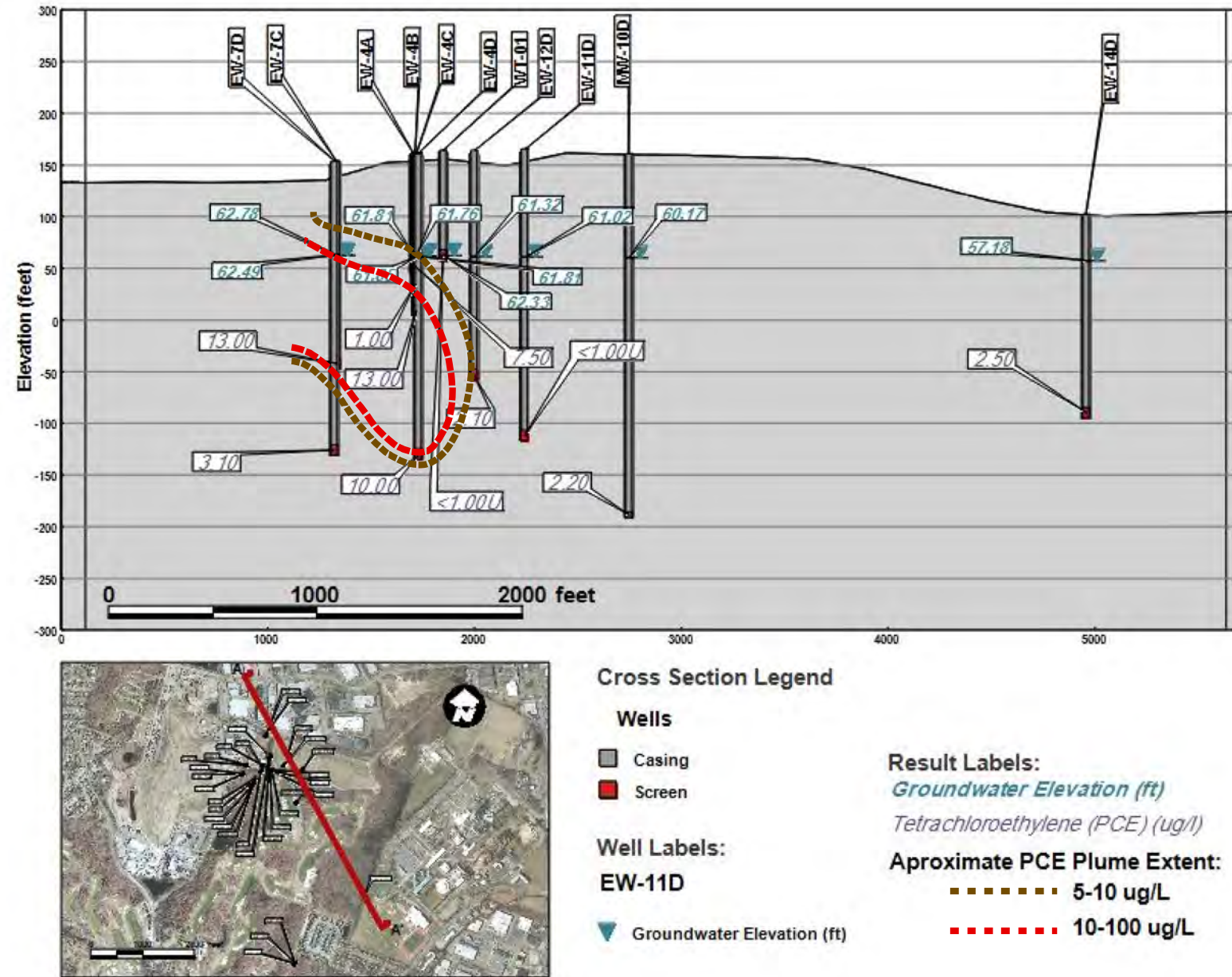
TRICHLORETHENE (TCE) PLUME CLAREMONT POLYCHEMICAL CORPORATION

FIGURE 26



A

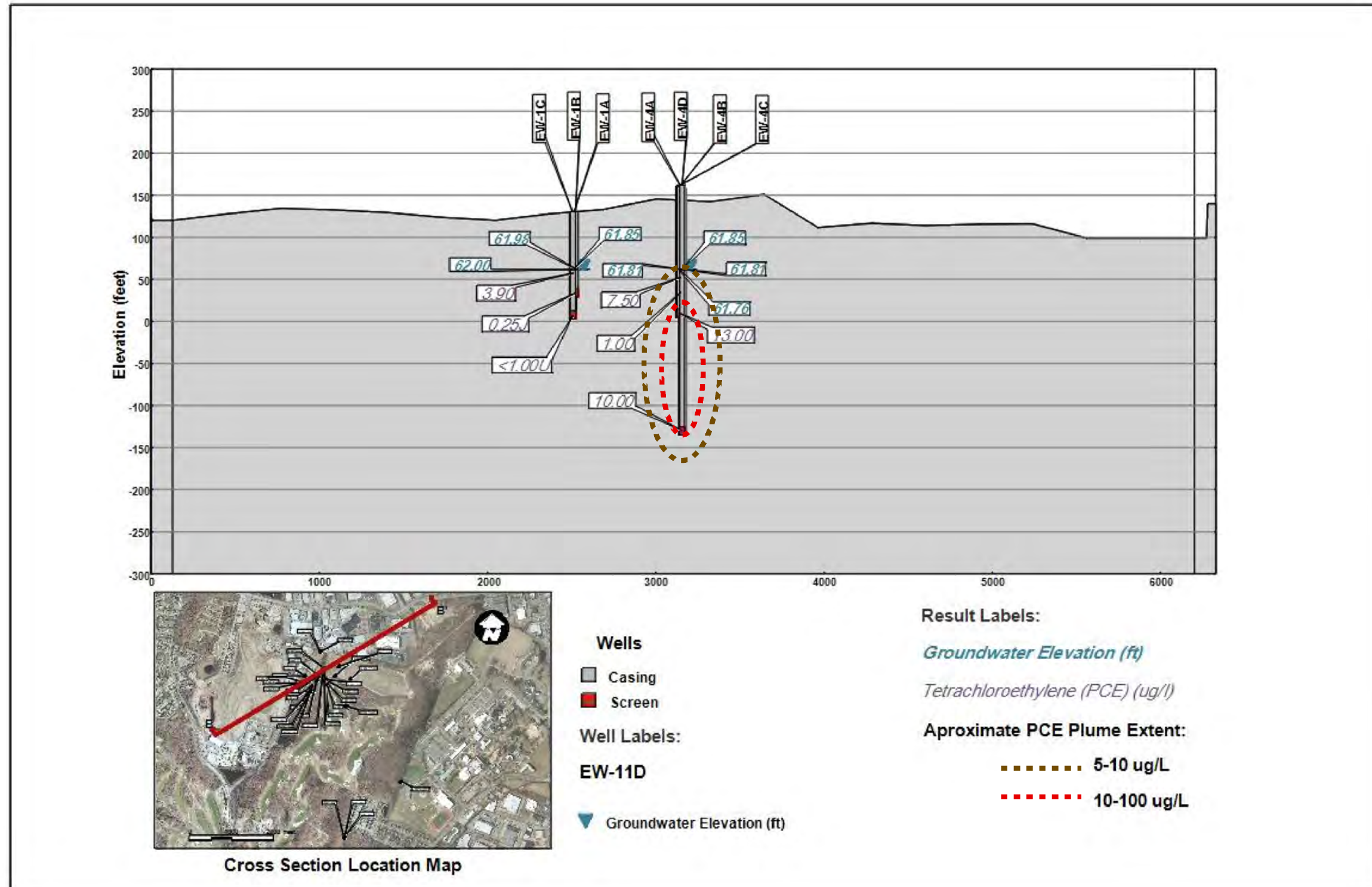
A'



Cross Section Location Map

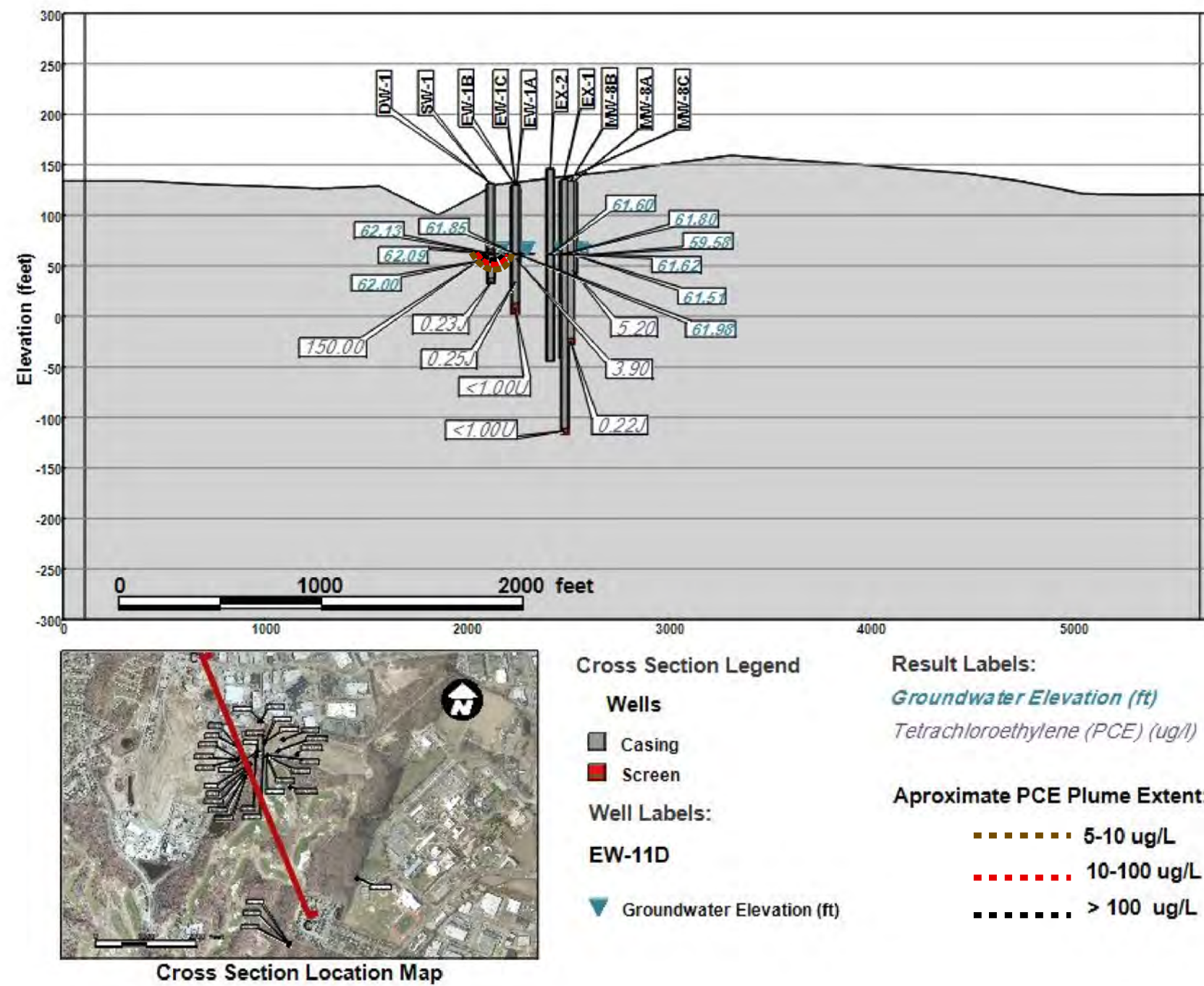
B

B'



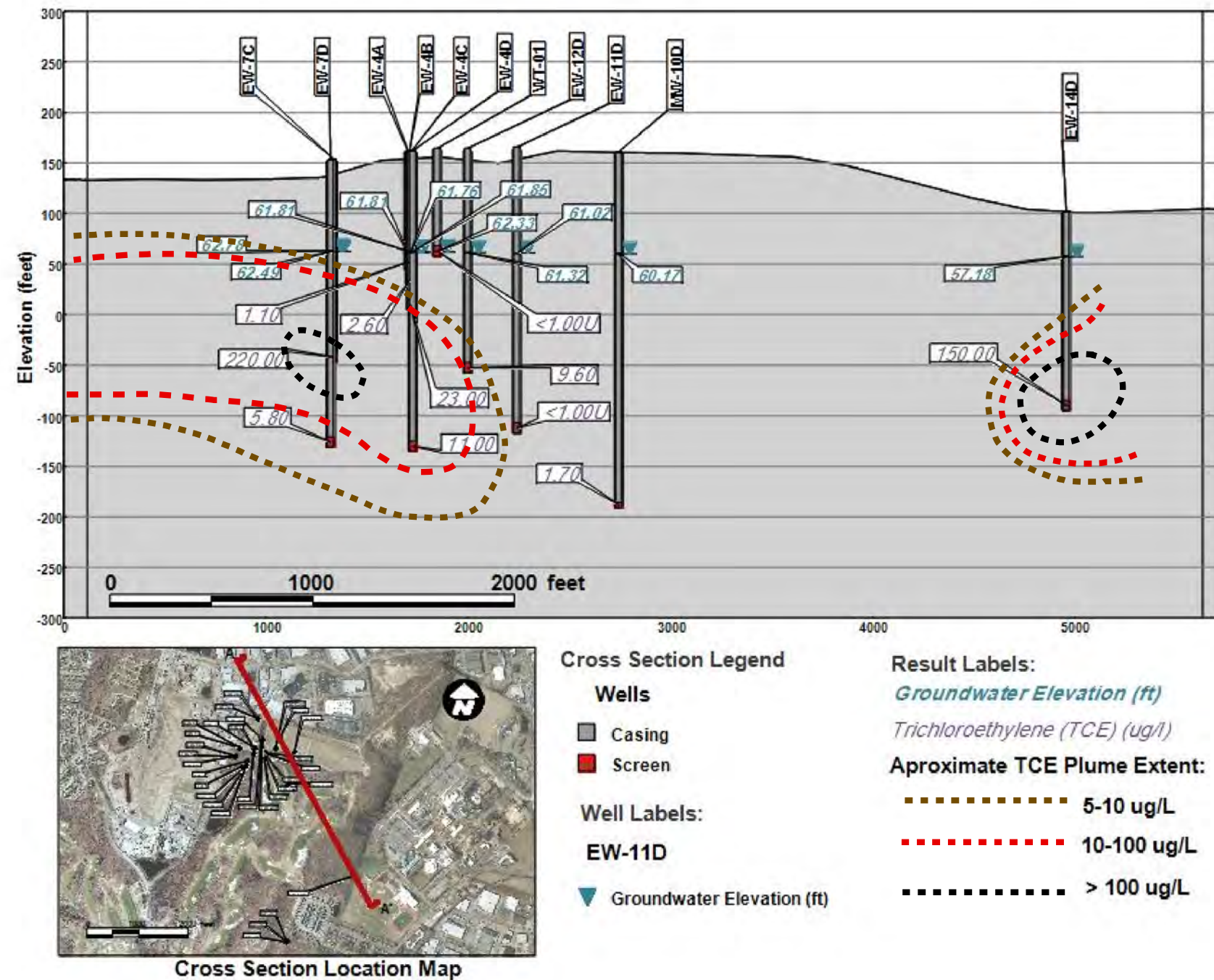
C

C'



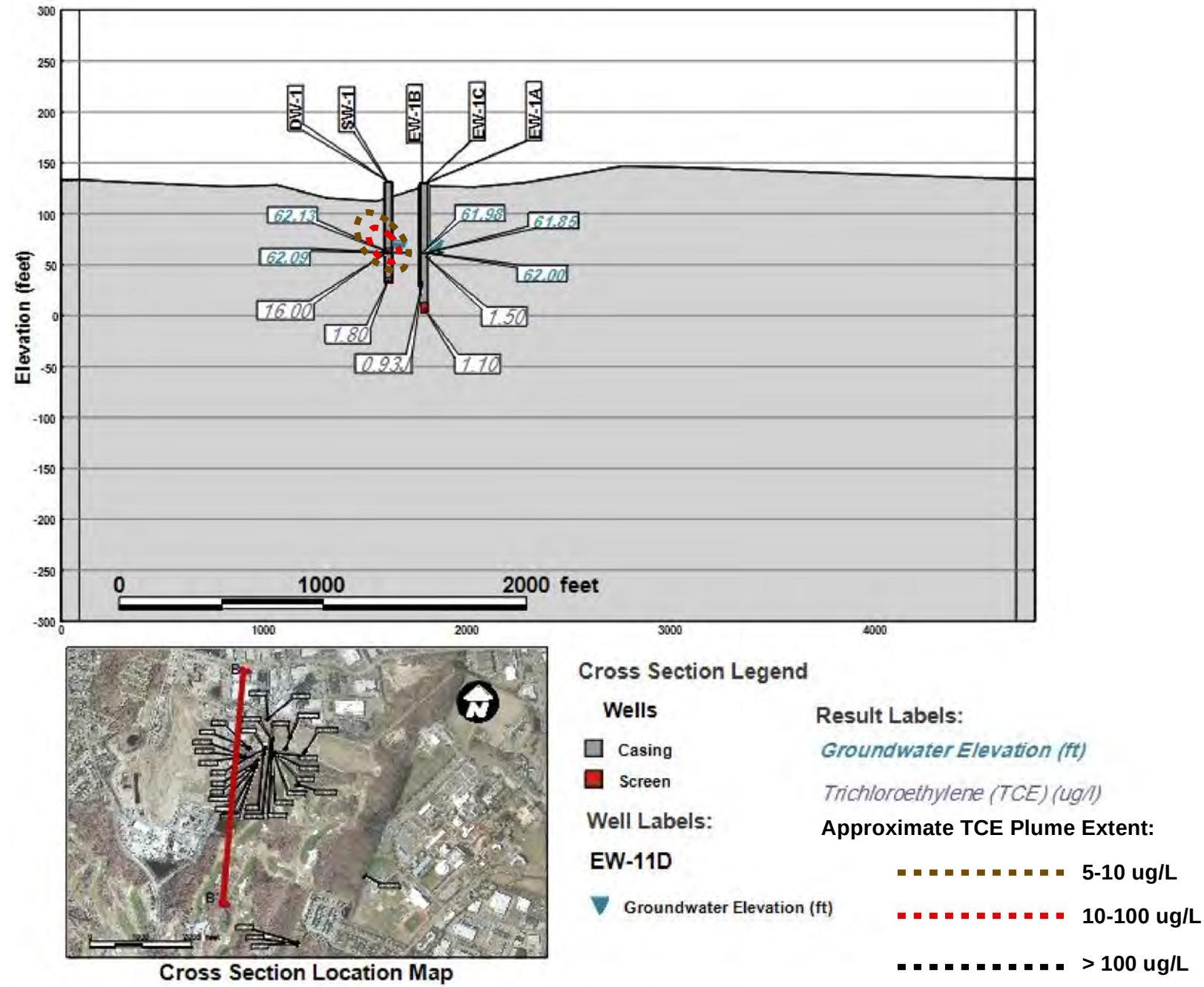
A

A'



B

B'



ATTACHMENT A-1

Memo

Date: Tuesday, January 05, 2016

Project: Claremont Polychemical Groundwater Treatment Facility: NYSDEC WA No: D007625-19

To: Benjamin Rung, NYSDEC

From: Patricia Parvis, HDR

Subject: System Optimization: Removal of Monitoring Wells from Sampling Program

The Claremont Polychemical Superfund site (Site) encompasses approximately 9.5 acres and is surrounded by industrial and commercial properties. Groundwater is contaminated with tetrachloroethene (PCE) as a result of on-site disposal practices. Trichloroethene (TCE) is also detected in the on-site groundwater; however, the TCE is likely coming from an upgradient source. Contaminated groundwater is currently extracted, treated, and injected back into the aquifer at the Site. The performance of the groundwater remedy is currently monitored with the quarterly groundwater sampling of 44 monitoring wells located on or adjacent to the site.

Henningson, Durham and Richardson Architecture & Engineering, P.C. (HDR) completed an optimization review of the performance monitoring program. HDR reviewed groundwater chemistry data from each well since start-up and evaluated the value of continuing to collect groundwater quality data from each location. Groundwater monitoring wells are recommended to remain in the sampling plan if TCE and/or PCE concentrations are increasing or present (exceeding the groundwater quality standards (GWQS) since the November 2014 sampling event), or if the well is in a key location that contributes to understanding the plume's spatial extent. Conversely, groundwater monitoring wells are recommended to be excluded from the site's sampling plan if TCE and/or PCE concentrations are decreasing or not detected, or if the well is not located in an area that assists in identification of plume extent.

HDR proposes reducing the groundwater sampling program from 44 to 27 monitoring wells. Table 1 provides the rationale for including or excluding each monitoring well from the program. Figure 1 (attached) shows the location of the monitoring wells that are proposed to be kept and removed from the sampling plan.

Table 1. Rationale Table for Sampling Program Modifications

Wells Proposed for Exclusion from the Sampling Program	Rationale
BP-3A	well is located offsite, outside of CPC-related contamination area
BP-3B	well is located offsite, outside of CPC-related contamination area
BP-3C	well is located offsite, outside of CPC-related contamination area
EW-10C	well is upgradient of potential CPC source area; results have been < GWQS since 2006
EW-13D	well is upgradient of potential CPC source area; results have been < GWQS since 2006
EW-14D	well is located offsite, outside of CPC-related contamination area
EW-3A	well is located offsite, outside of CPC-related contamination area
EW-3B	well is located offsite, outside of CPC-related contamination area
EW-3C	well is located offsite, outside of CPC-related contamination area
EW-6A	well is upgradient of potential CPC source area; results have been < GWQS since 2006
EW-6C	well is upgradient of potential CPC source area; results have been < GWQS since 2006
EW-8D	well is upgradient of potential CPC source area; results have been < GWQS since 2006
EW-9D	well is upgradient of potential CPC source area; results have been < GWQS since 2006
LF-02	well is located offsite, outside of CPC-related contamination area
MW-10B	well is located offsite, outside of CPC-related contamination area
MW-10C	well is located offsite, outside of CPC-related contamination area
MW-6D	well is located offsite, outside of CPC-related contamination area
Wells to Remain in the Sampling Program	Rationale
DW-1	well location is representative of potential CPC-related contamination area extent
DW-2	used to confirm capture of PCE/TCE by extraction wells
EW-11D	used to document groundwater quality downgradient of injection area
EW-12D	used to document TCE movement and define eastern plume extent
EW-1A	well location is representative of TCE migration southward
EW-1B	well location is representative of TCE migration southward
EW-1C	well location is representative of TCE migration southward
EW-2A	used to confirm capture of PCE/TCE by extraction wells
EW-2B	used to confirm capture of PCE/TCE by extraction wells
EW-2C	used to confirm capture of PCE/TCE by extraction wells
EW-2D	used to confirm capture of PCE/TCE by extraction wells
EW-4A	used to document PCE/TCE movement
EW-4B	used to document PCE/TCE movement
EW-4C	used to document PCE/TCE movement
EW-4D	used to document PCE/TCE movement
EW-5	used to confirm capture of PCE/TCE by extraction wells
EW-7C	used to monitor upgradient plume concentrations
EW-7D	used to monitor upgradient plume concentrations
EX-1	used to track PCE/TCE at extraction point
EX-2	used to track PCE/TCE at inactive extraction point
EX-3	used to track PCE/TCE at extraction point

Wells Proposed for Exclusion from the Sampling Program	Rationale
MW-10D	used to document TCE movement
MW-8A	used to confirm capture of PCE/TCE by extraction wells
MW-8B	used to confirm capture of PCE/TCE by extraction wells
MW-8C	used to confirm capture of PCE/TCE by extraction wells
SW-1	used to document PCE/TCE movement and define western plume extent
WT-01	used to document water quality downgradient of injection area

Notes:

TCE GWQS: 5 µg/L

PCE GWQS: 5 µg/L

CPC = Claremont Polychemical Corporation



ATTACHMENT A-2

Avudzega, David

From: Rung, Benjamin W (DEC) <benjamin.rung@dec.ny.gov>
Sent: Friday, January 15, 2016 12:59 PM
To: Parvis, Patricia A.
Subject: RE: Claremont Polychemical - Monitoring Well Sampling Reductions

Patty,

I have reviewed HDR's recommendations for removal of monitoring wells from the sampling program. Please proceed with the exclusion of recommended wells beginning in the coming sampling round with the exception of wells BP-3A, BP-3B, BP-3C, and EW14D. These wells should remain in the sampling program.

Thanks,
Ben

Benjamin Rung, P.E.
Environmental Engineer II, Division of Environmental Remediation

New York State Department of Environmental Conservation
625 Broadway, 12th Floor, Albany, NY 12233-7017
P: 518-402-9813 | Toll Free: 888-459-8667 | benjamin.rung@dec.ny.gov

www.dec.ny.gov |  | 

From: Parvis, Patricia A. [<mailto:Patricia.Parvis@hdrinc.com>]
Sent: Tuesday, January 05, 2016 04:05 PM
To: Rung, Benjamin W (DEC)
Subject: Claremont Polychemical - Monitoring Well Sampling Reductions

Ben – please see attached regarding our recommendations for reducing the number of monitoring wells in the sampling program starting this first quarter of 2016.

Thanks

Patti

Patricia Parvis, LSRP
Investigations Section Leader | Associate Vice President | Professional Associate

HDR
One International Blvd., 10th Floor
Mahwah, NJ 07495
D [201.335.9418] M [201.370.1760]
pparvis@hdrinc.com

hdrinc.com/follow-us

ATTACHMENT B

ANALYTICAL REPORT

Job Number: 460-110867-1

Job Description: DEC Claremont Polychemical- SiteNo130015

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233-7017
Attention: Mr. Benjamin W Rung



Approved for release.
Shalini Williams
Project Management Assistant II
3/29/2016 4:40 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
03/29/2016

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.

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TestAmerica Laboratories, Inc.

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



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Sample Summary	5
Executive Summary	6
Method Summary	12
Method / Analyst Summary	13
Sample Datasheets	14
Surrogate Summary	76
QC Data Summary	78
Data Qualifiers	102
QC Association Summary	103
Lab Chronicle	105
Organic Sample Data	112
GC/MS VOA	112
8260C	112
8260C QC Summary	113
8260C Sample Data	146
Standards Data	443
8260C ICAL Data	443
8260C CCAL Data	520
Raw QC Data	549
8260C Tune Data	549
8260C Blank Data	561
8260C LCS/LCSD Data	573
8260C MS/MSD Data	596

Table of Contents

8260C Run Logs	638
Shipping and Receiving Documents	642
Client Chain of Custody	643
Sample Receipt Checklist	648

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC Claremont Polychemical- SiteNo130015

Report Number: 460-110867-1

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 3/17/2016 5:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): EW02A-CP-00-031716 (460-110867-10). Sample ID on COC is "EW02A-CP-00-0317163", but sample ID on containers is "EW02A-CP-00-031716". The client instructed the lab to use the ID from the container.

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 ORGANICS

Samples BP3A-CP-00-031716 (460-110867-1), BP3B-CP-00-031716 (460-110867-2), BP3C-CP-00-031716 (460-110867-3), DW1-CP-00-031716 (460-110867-4), DW2-CP-00-031716 (460-110867-5), EW01A-CP-00-031716 (460-110867-6), EW01A-CP-01-031716 (460-110867-7), EW01B-CP-00-031716 (460-110867-8), EW01C-CP-00-031716 (460-110867-9), EW02A-CP-00-031716 (460-110867-10), EW02B-CP-00-031716 (460-110867-11), EW02C-CP-00-031716 (460-110867-12), EW02D-CP-00-031716 (460-110867-13), EW04A-CP-00-031716 (460-110867-14), EW04B-CP-00-031716 (460-110867-15), EW04C-CP-00-031716 (460-110867-16), EW04D-CP-00-031716 (460-110867-17), EW05-CP-00-031716 (460-110867-18), EW07C-CP-00-031716 (460-110867-19), EW07D-CP-00-031716 (460-110867-20), EW11D-CP-00-031716 (460-110867-21), EW12D-CP-00-031716 (460-110867-22), EW14D-CP-00-031716 (460-110867-23), MW08A-CP-00-031716 (460-110867-24), MW08B-CP-00-031716 (460-110867-25), MW08C-CP-00-031716 (460-110867-26), MW10D-CP-00-031716 (460-110867-27), SW1-CP-00-031716 (460-110867-28), WT01-CP-00-031716 (460-110867-29), WT01-CP-01-031716 (460-110867-30) and xTB01-CP-QC-031716 (460-110867-31) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 03/26/2016, 03/28/2016 and 03/29/2016.

TBA failed the recovery criteria low for the MS of sample BP3A-CP-00-031716MS (460-110867-1) in batch 460-358833. TBA exceeded the RPD limit for the MSD of sample BP3A-CP-00-031716MSD (460-110867-1) in batch 460-358833.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-110867-1	BP3A-CP-00-031716	Water	03/14/2016 1134	03/17/2016 1720
460-110867-2	BP3B-CP-00-031716	Water	03/14/2016 1118	03/17/2016 1720
460-110867-3	BP3C-CP-00-031716	Water	03/14/2016 1128	03/17/2016 1720
460-110867-4	DW1-CP-00-031716	Water	03/16/2016 1011	03/17/2016 1720
460-110867-5	DW2-CP-00-031716	Water	03/16/2016 1026	03/17/2016 1720
460-110867-6	EW01A-CP-00-031716	Water	03/16/2016 0955	03/17/2016 1720
460-110867-7	EW01A-CP-01-031716	Water	03/16/2016 0955	03/17/2016 1720
460-110867-8	EW01B-CP-00-031716	Water	03/16/2016 0950	03/17/2016 1720
460-110867-9	EW01C-CP-00-031716	Water	03/16/2016 0942	03/17/2016 1720
460-110867-10	EW02A-CP-00-031716	Water	03/15/2016 1416	03/17/2016 1720
460-110867-11	EW02B-CP-00-031716	Water	03/15/2016 1407	03/17/2016 1720
460-110867-12	EW02C-CP-00-031716	Water	03/15/2016 1400	03/17/2016 1720
460-110867-13	EW02D-CP-00-031716	Water	03/15/2016 1351	03/17/2016 1720
460-110867-14	EW04A-CP-00-031716	Water	03/14/2016 1246	03/17/2016 1720
460-110867-15	EW04B-CP-00-031716	Water	03/14/2016 1241	03/17/2016 1720
460-110867-16	EW04C-CP-00-031716	Water	03/14/2016 1236	03/17/2016 1720
460-110867-17	EW04D-CP-00-031716	Water	03/14/2016 1228	03/17/2016 1720
460-110867-18	EW05-CP-00-031716	Water	03/16/2016 1020	03/17/2016 1720
460-110867-19	EW07C-CP-00-031716	Water	03/15/2016 1443	03/17/2016 1720
460-110867-20	EW07D-CP-00-031716	Water	03/15/2016 1434	03/17/2016 1720
460-110867-21	EW11D-CP-00-031716	Water	03/14/2016 1210	03/17/2016 1720
460-110867-22	EW12D-CP-00-031716	Water	03/14/2016 1222	03/17/2016 1720
460-110867-23	EW14D-CP-00-031716	Water	03/15/2016 1317	03/17/2016 1720
460-110867-24	MW08A-CP-00-031716	Water	03/16/2016 0934	03/17/2016 1720
460-110867-25	MW08B-CP-00-031716	Water	03/16/2016 0928	03/17/2016 1720
460-110867-26	MW08C-CP-00-031716	Water	03/16/2016 0921	03/17/2016 1720
460-110867-27	MW10D-CP-00-031716	Water	03/14/2016 1200	03/17/2016 1720
460-110867-28	SW1-CP-00-031716	Water	03/16/2016 1005	03/17/2016 1720
460-110867-29	WT01-CP-00-031716	Water	03/15/2016 1336	03/17/2016 1720
460-110867-30	WT01-CP-01-031716	Water	03/15/2016 1336	03/17/2016 1720
460-110867-31TB	xB01-CP-QC-031716	Water	03/17/2016 0800	03/17/2016 1720

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-110867-1	BP3A-CP-00-031716					
Acetone		19		5.0	ug/L	8260C
Chloroform		0.78	J	1.0	ug/L	8260C
Cyclohexane		0.32	J	1.0	ug/L	8260C
460-110867-2	BP3B-CP-00-031716					
Vinyl chloride		1.6		1.0	ug/L	8260C
Methylene Chloride		0.68	J	1.0	ug/L	8260C
Acetone		22		5.0	ug/L	8260C
Trichlorofluoromethane		0.56	J	1.0	ug/L	8260C
1,1-Dichloroethene		0.77	J	1.0	ug/L	8260C
1,1-Dichloroethane		15		1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		100		1.0	ug/L	8260C
Chloroform		0.31	J	1.0	ug/L	8260C
1,2-Dichloroethane		0.71	J	1.0	ug/L	8260C
2-Butanone		10		5.0	ug/L	8260C
1,1,1-Trichloroethane		0.72	J	1.0	ug/L	8260C
Trichloroethene		12		1.0	ug/L	8260C
Bromoform		0.23	J	1.0	ug/L	8260C
Tetrachloroethene		120		1.0	ug/L	8260C
1,1,2-Trichloro-1,2,2-trifluoroethane		1.3		1.0	ug/L	8260C
Cyclohexane		0.60	J	1.0	ug/L	8260C
Dichlorodifluoromethane		5.3		1.0	ug/L	8260C
460-110867-3	BP3C-CP-00-031716					
Acetone		18		5.0	ug/L	8260C
Trichlorofluoromethane		0.29	J	1.0	ug/L	8260C
1,1-Dichloroethane		3.8		1.0	ug/L	8260C
trans-1,2-Dichloroethene		0.39	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		74		1.0	ug/L	8260C
Chloroform		0.30	J	1.0	ug/L	8260C
1,2-Dichloroethane		0.28	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		0.78	J	1.0	ug/L	8260C
Trichloroethene		11		1.0	ug/L	8260C
Tetrachloroethene		99		1.0	ug/L	8260C
1,1,2-Trichloro-1,2,2-trifluoroethane		1.7		1.0	ug/L	8260C
Cyclohexane		0.55	J	1.0	ug/L	8260C
Dichlorodifluoromethane		3.8		1.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-110867-4	DW1-CP-00-031716					
Acetone		38		5.0	ug/L	8260C
cis-1,2-Dichloroethene		0.47	J	1.0	ug/L	8260C
Trichloroethene		1.8		1.0	ug/L	8260C
Tetrachloroethene		0.23	J	1.0	ug/L	8260C
Cyclohexane		0.66	J	1.0	ug/L	8260C
460-110867-5	DW2-CP-00-031716					
Tetrachloroethene		0.19	J	1.0	ug/L	8260C
Cyclohexane		0.61	J	1.0	ug/L	8260C
460-110867-6	EW01A-CP-00-031716					
Acetone		41		5.0	ug/L	8260C
cis-1,2-Dichloroethene		2.0		1.0	ug/L	8260C
Trichloroethene		1.5		1.0	ug/L	8260C
Tetrachloroethene		3.9		1.0	ug/L	8260C
Cyclohexane		0.37	J	1.0	ug/L	8260C
460-110867-7	EW01A-CP-01-031716					
Acetone		41		5.0	ug/L	8260C
cis-1,2-Dichloroethene		2.1		1.0	ug/L	8260C
Trichloroethene		1.3		1.0	ug/L	8260C
Tetrachloroethene		3.9		1.0	ug/L	8260C
Cyclohexane		0.33	J	1.0	ug/L	8260C
460-110867-8	EW01B-CP-00-031716					
Acetone		25		5.0	ug/L	8260C
Trichloroethene		0.93	J	1.0	ug/L	8260C
Tetrachloroethene		0.25	J	1.0	ug/L	8260C
Cyclohexane		0.61	J	1.0	ug/L	8260C
460-110867-9	EW01C-CP-00-031716					
Acetone		33		5.0	ug/L	8260C
cis-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260C
2-Butanone		3.3	J	5.0	ug/L	8260C
Trichloroethene		1.1		1.0	ug/L	8260C
Cyclohexane		0.35	J	1.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-110867-10	EW02A-CP-00-031716					
Acetone		38		5.0	ug/L	8260C
Trichloroethene		0.30	J	1.0	ug/L	8260C
Toluene		0.41	J	1.0	ug/L	8260C
Cyclohexane		0.39	J	1.0	ug/L	8260C
460-110867-11	EW02B-CP-00-031716					
Acetone		32		5.0	ug/L	8260C
Tetrachloroethene		0.16	J	1.0	ug/L	8260C
Cyclohexane		0.48	J	1.0	ug/L	8260C
460-110867-12	EW02C-CP-00-031716					
Acetone		19		5.0	ug/L	8260C
Trichloroethene		0.43	J	1.0	ug/L	8260C
Cyclohexane		0.28	J	1.0	ug/L	8260C
460-110867-13	EW02D-CP-00-031716					
Acetone		22		5.0	ug/L	8260C
Tetrachloroethene		0.46	J	1.0	ug/L	8260C
Toluene		2.2		1.0	ug/L	8260C
460-110867-14	EW04A-CP-00-031716					
Acetone		34		5.0	ug/L	8260C
cis-1,2-Dichloroethene		7.0		1.0	ug/L	8260C
2-Butanone		3.2	J	5.0	ug/L	8260C
Trichloroethene		1.1		1.0	ug/L	8260C
Tetrachloroethene		7.5		1.0	ug/L	8260C
460-110867-15	EW04B-CP-00-031716					
Acetone		11		5.0	ug/L	8260C
Trichlorofluoromethane		0.16	J	1.0	ug/L	8260C
1,1,1-Trichloroethane		0.52	J	1.0	ug/L	8260C
Trichloroethene		2.6		1.0	ug/L	8260C
Tetrachloroethene		1.0		1.0	ug/L	8260C
Cyclohexane		0.31	J	1.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-110867-16	EW04C-CP-00-031716					
Acetone		30		5.0	ug/L	8260C
1,1-Dichloroethene		1.8		1.0	ug/L	8260C
1,1-Dichloroethane		3.4		1.0	ug/L	8260C
trans-1,2-Dichloroethene		2.1		1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260C
1,1,1-Trichloroethane		3.5		1.0	ug/L	8260C
Carbon tetrachloride		0.34	J	1.0	ug/L	8260C
Trichloroethene		23		1.0	ug/L	8260C
Bromoform		0.19	J	1.0	ug/L	8260C
Tetrachloroethene		13		1.0	ug/L	8260C
Cyclohexane		0.44	J	1.0	ug/L	8260C
460-110867-17	EW04D-CP-00-031716					
Acetone		30		5.0	ug/L	8260C
Trichloroethene		11		1.0	ug/L	8260C
Tetrachloroethene		10		1.0	ug/L	8260C
460-110867-18	EW05-CP-00-031716					
Acetone		36		5.0	ug/L	8260C
Trichloroethene		2.1		1.0	ug/L	8260C
Tetrachloroethene		0.46	J	1.0	ug/L	8260C
Cyclohexane		0.54	J	1.0	ug/L	8260C
460-110867-19	EW07C-CP-00-031716					
Acetone		16		5.0	ug/L	8260C
cis-1,2-Dichloroethene		4.0		1.0	ug/L	8260C
2-Butanone		2.3	J	5.0	ug/L	8260C
Trichloroethene		220		1.0	ug/L	8260C
Tetrachloroethene		13		1.0	ug/L	8260C
Methyl tert-butyl ether		1.1		1.0	ug/L	8260C
Cyclohexane		0.53	J	1.0	ug/L	8260C
460-110867-20	EW07D-CP-00-031716					
Acetone		27		5.0	ug/L	8260C
Chloroform		0.49	J	1.0	ug/L	8260C
Trichloroethene		5.8		1.0	ug/L	8260C
Tetrachloroethene		3.1		1.0	ug/L	8260C
Cyclohexane		0.46	J	1.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-110867-21	EW11D-CP-00-031716					
Acetone		30		5.0	ug/L	8260C
2-Butanone		3.3	J	5.0	ug/L	8260C
Cyclohexane		0.40	J	1.0	ug/L	8260C
460-110867-22	EW12D-CP-00-031716					
Acetone		34		5.0	ug/L	8260C
1,1-Dichloroethene		2.6		1.0	ug/L	8260C
1,1-Dichloroethane		0.26	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.7		1.0	ug/L	8260C
2-Butanone		2.8	J	5.0	ug/L	8260C
1,1,1-Trichloroethane		1.4		1.0	ug/L	8260C
Trichloroethene		9.6		1.0	ug/L	8260C
Tetrachloroethene		2.1		1.0	ug/L	8260C
Methyl tert-butyl ether		0.14	J	1.0	ug/L	8260C
Cyclohexane		0.98	J	1.0	ug/L	8260C
460-110867-23	EW14D-CP-00-031716					
Acetone		22		5.0	ug/L	8260C
1,1-Dichloroethene		14		1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260C
Chloroform		0.69	J	1.0	ug/L	8260C
1,2-Dichloroethane		3.9		1.0	ug/L	8260C
1,1,1-Trichloroethane		15		1.0	ug/L	8260C
Trichloroethene		150		1.0	ug/L	8260C
1,1,2-Trichloroethane		0.31	J	1.0	ug/L	8260C
Bromoform		0.19	J	1.0	ug/L	8260C
Tetrachloroethene		2.5		1.0	ug/L	8260C
1,1,2-Trichloro-1,2,2-trifluoroethane		0.89	J	1.0	ug/L	8260C
Cyclohexane		0.58	J	1.0	ug/L	8260C
460-110867-24	MW08A-CP-00-031716					
Acetone		24		5.0	ug/L	8260C
Trichloroethene		0.32	J	1.0	ug/L	8260C
Tetrachloroethene		5.2		1.0	ug/L	8260C
Cyclohexane		0.28	J	1.0	ug/L	8260C
460-110867-25	MW08B-CP-00-031716					
Acetone		36		5.0	ug/L	8260C
Tetrachloroethene		0.22	J	1.0	ug/L	8260C
Cyclohexane		0.40	J	1.0	ug/L	8260C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-110867-26	MW08C-CP-00-031716					
Acetone		26		5.0	ug/L	8260C
Cyclohexane		1.3		1.0	ug/L	8260C
460-110867-27	MW10D-CP-00-031716					
Acetone		27		5.0	ug/L	8260C
1,2-Dichloroethane		0.79	J	1.0	ug/L	8260C
Trichloroethene		1.7		1.0	ug/L	8260C
Tetrachloroethene		2.2		1.0	ug/L	8260C
Cyclohexane		0.53	J	1.0	ug/L	8260C
460-110867-28	SW1-CP-00-031716					
Acetone		34		5.0	ug/L	8260C
cis-1,2-Dichloroethene		11		1.0	ug/L	8260C
2-Butanone		3.9	J	5.0	ug/L	8260C
Trichloroethene		16		1.0	ug/L	8260C
Tetrachloroethene		150		1.0	ug/L	8260C
Cyclohexane		0.48	J	1.0	ug/L	8260C
460-110867-29	WT01-CP-00-031716					
Acetone		41		5.0	ug/L	8260C
460-110867-30	WT01-CP-01-031716					
Acetone		43		5.0	ug/L	8260C
Cyclohexane		0.36	J	1.0	ug/L	8260C
460-110867-31TB	XTB01-CP-QC-031716					
Chloroform		0.68	J	1.0	ug/L	8260C
Bromodichloromethane		1.6		1.0	ug/L	8260C
Dibromochloromethane		3.7		1.0	ug/L	8260C
Bromoform		4.9		1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C.

Job Number: 460-110867-1

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

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: New York State D.E.C.

Job Number: 460-110867-1

Method	Analyst	Analyst ID
SW846 8260C	Desai, Saurab	SZD
SW846 8260C	Starzec, Margaret	MZS

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: BP3A-CP-00-031716

Lab Sample ID: 460-110867-1

Date Sampled: 03/14/2016 1134

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19589.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1039

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1039

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	19		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	0.78	J	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.32	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: BP3A-CP-00-031716

Lab Sample ID: 460-110867-1

Client Matrix: Water

Date Sampled: 03/14/2016 1134

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19589.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1039			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1039				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 137
Toluene-d8 (Surr)	102		74 - 120
4-Bromofluorobenzene	101		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: BP3B-CP-00-031716

Lab Sample ID: 460-110867-2

Date Sampled: 03/14/2016 1118

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19590.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1101

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1101

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.6		0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	0.68	J	0.21	1.0
Acetone	22		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	0.56	J	0.15	1.0
1,1-Dichloroethene	0.77	J	0.34	1.0
1,1-Dichloroethane	15		0.24	1.0
trans-1,2-Dichloroethene	0.62	J	0.18	1.0
cis-1,2-Dichloroethene	100		0.26	1.0
Chloroform	0.31	J	0.22	1.0
1,2-Dichloroethane	0.71	J	0.25	1.0
2-Butanone	10		2.2	5.0
1,1,1-Trichloroethane	0.72	J	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	12		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	0.23	J	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	120		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.3		0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.60	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	5.3		0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: BP3B-CP-00-031716

Lab Sample ID: 460-110867-2

Client Matrix: Water

Date Sampled: 03/14/2016 1118

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19590.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1101			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	98		70 - 131
Dibromofluoromethane (Surr)	101		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: BP3C-CP-00-031716

Lab Sample ID: 460-110867-3

Date Sampled: 03/14/2016 1128

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19591.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1122

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1122

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	18		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	0.29	J	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	3.8		0.24	1.0
trans-1,2-Dichloroethene	0.39	J	0.18	1.0
cis-1,2-Dichloroethene	74		0.26	1.0
Chloroform	0.30	J	0.22	1.0
1,2-Dichloroethane	0.28	J	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	0.78	J	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	11		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	99		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7		0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.55	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	3.8		0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: BP3C-CP-00-031716

Lab Sample ID: 460-110867-3

Client Matrix: Water

Date Sampled: 03/14/2016 1128

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19591.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1122			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1122				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	101		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: DW1-CP-00-031716

Lab Sample ID: 460-110867-4

Date Sampled: 03/16/2016 1011

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19645.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1241

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1241

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	38		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	0.47	J	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.8		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.23	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.66	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: DW1-CP-00-031716

Lab Sample ID: 460-110867-4

Client Matrix: Water

Date Sampled: 03/16/2016 1011

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19645.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1241			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1241				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 137
Toluene-d8 (Surr)	77		74 - 120
4-Bromofluorobenzene	75		70 - 131
Dibromofluoromethane (Surr)	77		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: DW2-CP-00-031716

Lab Sample ID: 460-110867-5

Date Sampled: 03/16/2016 1026

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19646.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1303

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1303

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.19	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.61	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: DW2-CP-00-031716

Lab Sample ID: 460-110867-5

Client Matrix: Water

Date Sampled: 03/16/2016 1026

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19646.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1303			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1303				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 137
Toluene-d8 (Surr)	101		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	100		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01A-CP-00-031716

Lab Sample ID: 460-110867-6

Date Sampled: 03/16/2016 0955

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19647.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1324

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1324

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	41		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.0		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.5		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	3.9		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.37	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01A-CP-00-031716

Lab Sample ID: 460-110867-6

Date Sampled: 03/16/2016 0955

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19647.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1324			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	101		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01A-CP-01-031716

Lab Sample ID: 460-110867-7

Date Sampled: 03/16/2016 0955

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19648.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1346

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1346

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	41		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	2.1		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.3		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	3.9		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.33	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01A-CP-01-031716

Lab Sample ID: 460-110867-7

Date Sampled: 03/16/2016 0955

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19648.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1346			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 137
Toluene-d8 (Surr)	101		74 - 120
4-Bromofluorobenzene	101		70 - 131
Dibromofluoromethane (Surr)	101		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01B-CP-00-031716

Lab Sample ID: 460-110867-8

Date Sampled: 03/16/2016 0950

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19649.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1408

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1408

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	25		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	0.93	J	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.25	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.61	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01B-CP-00-031716

Lab Sample ID: 460-110867-8

Date Sampled: 03/16/2016 0950

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19649.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1408			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1408				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 137
Toluene-d8 (Surr)	98		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	100		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01C-CP-00-031716

Lab Sample ID: 460-110867-9

Date Sampled: 03/16/2016 0942

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19650.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1430

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1430

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	33		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	0.38	J	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	3.3	J	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.1		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.35	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW01C-CP-00-031716

Lab Sample ID: 460-110867-9

Date Sampled: 03/16/2016 0942

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19650.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1430			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1430				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02A-CP-00-031716

Lab Sample ID: 460-110867-10

Date Sampled: 03/15/2016 1416

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19642.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1136

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1136

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	38		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	0.30	J	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	0.41	J	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.39	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02A-CP-00-031716

Lab Sample ID: 460-110867-10

Client Matrix: Water

Date Sampled: 03/15/2016 1416

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19642.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1136			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	99		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02B-CP-00-031716

Lab Sample ID: 460-110867-11

Date Sampled: 03/15/2016 1407

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19643.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1157

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1157

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	32		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.16	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.48	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02B-CP-00-031716

Lab Sample ID: 460-110867-11

Client Matrix: Water

Date Sampled: 03/15/2016 1407

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19643.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1157			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	98		70 - 131
Dibromofluoromethane (Surr)	99		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02C-CP-00-031716

Lab Sample ID: 460-110867-12

Date Sampled: 03/15/2016 1400

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19594.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1228

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1228

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	19		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	0.43	J	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.28	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02C-CP-00-031716

Lab Sample ID: 460-110867-12

Client Matrix: Water

Date Sampled: 03/15/2016 1400

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19594.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1228			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 137
Toluene-d8 (Surr)	101		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	103		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02D-CP-00-031716

Lab Sample ID: 460-110867-13

Date Sampled: 03/15/2016 1351

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19595.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1249

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1249

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	22		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.46	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	2.2		0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW02D-CP-00-031716

Lab Sample ID: 460-110867-13

Client Matrix: Water

Date Sampled: 03/15/2016 1351

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19595.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1249			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1249				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 137
Toluene-d8 (Surr)	101		74 - 120
4-Bromofluorobenzene	98		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04A-CP-00-031716

Lab Sample ID: 460-110867-14

Date Sampled: 03/14/2016 1246

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19596.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1310

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1310

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	34		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	7.0		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	3.2	J	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.1		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	7.5		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04A-CP-00-031716

Lab Sample ID: 460-110867-14

Client Matrix: Water

Date Sampled: 03/14/2016 1246

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19596.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1310			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1310				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	103		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04B-CP-00-031716

Lab Sample ID: 460-110867-15

Date Sampled: 03/14/2016 1241

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19597.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1332

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1332

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	11		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	0.16	J	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	0.52	J	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	2.6		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.31	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04B-CP-00-031716

Lab Sample ID: 460-110867-15

Date Sampled: 03/14/2016 1241

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19597.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1332			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	97		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04C-CP-00-031716

Lab Sample ID: 460-110867-16

Date Sampled: 03/14/2016 1236

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19598.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1354

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1354

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	30		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.8		0.34	1.0
1,1-Dichloroethane	3.4		0.24	1.0
trans-1,2-Dichloroethene	2.1		0.18	1.0
cis-1,2-Dichloroethene	1.2		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	3.5		0.28	1.0
Carbon tetrachloride	0.34	J	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	23		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	0.19	J	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	13		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.44	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04C-CP-00-031716

Lab Sample ID: 460-110867-16

Client Matrix: Water

Date Sampled: 03/14/2016 1236

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19598.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1354			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 137
Toluene-d8 (Surr)	102		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	104		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04D-CP-00-031716

Lab Sample ID: 460-110867-17

Date Sampled: 03/14/2016 1228

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19599.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1416

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1416

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	30		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	11		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	10		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW04D-CP-00-031716

Lab Sample ID: 460-110867-17

Client Matrix: Water

Date Sampled: 03/14/2016 1228

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19599.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1416			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1416				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	98		70 - 131
Dibromofluoromethane (Surr)	103		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW05-CP-00-031716

Lab Sample ID: 460-110867-18

Date Sampled: 03/16/2016 1020

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19600.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1438

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1438

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	36		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	2.1		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.46	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.54	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW05-CP-00-031716

Lab Sample ID: 460-110867-18

Client Matrix: Water

Date Sampled: 03/16/2016 1020

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19600.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1438			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1438				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW07C-CP-00-031716

Lab Sample ID: 460-110867-19

Date Sampled: 03/15/2016 1443

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19601.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1459

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1459

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	16		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	4.0		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	2.3	J	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	220		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	13		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.1		0.13	1.0
Cyclohexane	0.53	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW07C-CP-00-031716

Lab Sample ID: 460-110867-19

Client Matrix: Water

Date Sampled: 03/15/2016 1443

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19601.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1459			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1459				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	98		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	103		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW07D-CP-00-031716

Lab Sample ID: 460-110867-20

Date Sampled: 03/15/2016 1434

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19602.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1520

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1520

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	27		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	0.49	J	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	5.8		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	3.1		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.46	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW07D-CP-00-031716

Lab Sample ID: 460-110867-20

Client Matrix: Water

Date Sampled: 03/15/2016 1434

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19602.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1520			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	103		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW11D-CP-00-031716

Lab Sample ID: 460-110867-21

Date Sampled: 03/14/2016 1210

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19603.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1542

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1542

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	30		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	3.3	J	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.40	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW11D-CP-00-031716

Lab Sample ID: 460-110867-21

Date Sampled: 03/14/2016 1210

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19603.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1542			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1542				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	104		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW12D-CP-00-031716

Lab Sample ID: 460-110867-22

Date Sampled: 03/14/2016 1222

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19604.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1604

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1604

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	34		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	2.6		0.34	1.0
1,1-Dichloroethane	0.26	J	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.7		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	2.8	J	2.2	5.0
1,1,1-Trichloroethane	1.4		0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	9.6		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	2.1		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	0.14	J	0.13	1.0
Cyclohexane	0.98	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW12D-CP-00-031716

Lab Sample ID: 460-110867-22

Date Sampled: 03/14/2016 1222

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19604.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1604			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1604				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	101		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW14D-CP-00-031716

Lab Sample ID: 460-110867-23

Date Sampled: 03/15/2016 1317

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19605.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1625

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1625

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	22		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	14		0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.1		0.26	1.0
Chloroform	0.69	J	0.22	1.0
1,2-Dichloroethane	3.9		0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	15		0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	150		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	0.31	J	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	0.19	J	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	2.5		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.89	J	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.58	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: EW14D-CP-00-031716

Lab Sample ID: 460-110867-23

Date Sampled: 03/15/2016 1317

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19605.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1625			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	98		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW08A-CP-00-031716

Lab Sample ID: 460-110867-24

Date Sampled: 03/16/2016 0934

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19651.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1451

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1451

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	24		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	0.32	J	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	5.2		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.28	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW08A-CP-00-031716

Lab Sample ID: 460-110867-24

Date Sampled: 03/16/2016 0934

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19651.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1451			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 137
Toluene-d8 (Surr)	75		74 - 120
4-Bromofluorobenzene	75		70 - 131
Dibromofluoromethane (Surr)	78		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW08B-CP-00-031716

Lab Sample ID: 460-110867-25

Date Sampled: 03/16/2016 0928

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19652.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1513

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1513

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	36		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	0.22	J	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.40	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW08B-CP-00-031716

Lab Sample ID: 460-110867-25

Date Sampled: 03/16/2016 0928

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19652.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1513			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1513				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	101		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW08C-CP-00-031716

Lab Sample ID: 460-110867-26

Date Sampled: 03/16/2016 0921

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19653.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1535

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1535

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	26		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.3		0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW08C-CP-00-031716

Lab Sample ID: 460-110867-26

Client Matrix: Water

Date Sampled: 03/16/2016 0921

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19653.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1535			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 137
Toluene-d8 (Surr)	75		74 - 120
4-Bromofluorobenzene	75		70 - 131
Dibromofluoromethane (Surr)	78		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW10D-CP-00-031716

Lab Sample ID: 460-110867-27

Date Sampled: 03/14/2016 1200

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-358833

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19606.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/26/2016 1647

Final Weight/Volume: 5 mL

Prep Date: 03/26/2016 1647

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	27		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	0.79	J	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.7		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	2.2		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.53	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: MW10D-CP-00-031716

Lab Sample ID: 460-110867-27

Date Sampled: 03/14/2016 1200

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19606.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 1647			Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 137
Toluene-d8 (Surr)	100		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	103		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: SW1-CP-00-031716

Lab Sample ID: 460-110867-28

Date Sampled: 03/16/2016 1005

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19654.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1556

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1556

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	34		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	11		0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	3.9	J	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	16		0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	150		0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.48	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: SW1-CP-00-031716

Lab Sample ID: 460-110867-28

Client Matrix: Water

Date Sampled: 03/16/2016 1005

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19654.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1556			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 137
Toluene-d8 (Surr)	99		74 - 120
4-Bromofluorobenzene	99		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: WT01-CP-00-031716

Lab Sample ID: 460-110867-29

Date Sampled: 03/15/2016 1336

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359204

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19683.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/29/2016 0245

Final Weight/Volume: 5 mL

Prep Date: 03/29/2016 0245

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	41		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: WT01-CP-00-031716

Lab Sample ID: 460-110867-29

Client Matrix: Water

Date Sampled: 03/15/2016 1336

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359204	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19683.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2016 0245			Final Weight/Volume:	5 mL
Prep Date:	03/29/2016 0245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 137
Toluene-d8 (Surr)	93		74 - 120
4-Bromofluorobenzene	95		70 - 131
Dibromofluoromethane (Surr)	96		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: WT01-CP-01-031716

Lab Sample ID: 460-110867-30

Date Sampled: 03/15/2016 1336

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19656.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1640

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1640

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	43		1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	0.36	J	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: WT01-CP-01-031716

Lab Sample ID: 460-110867-30

Date Sampled: 03/15/2016 1336

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19656.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1640			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1640				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 137
Toluene-d8 (Surr)	98		74 - 120
4-Bromofluorobenzene	100		70 - 131
Dibromofluoromethane (Surr)	102		72 - 136

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: xTB01-CP-QC-031716

Lab Sample ID: 460-110867-31TB

Date Sampled: 03/17/2016 0800

Client Matrix: Water

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 460-359095

Instrument ID: CVOAMS1

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: A19644.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 03/28/2016 1219

Final Weight/Volume: 5 mL

Prep Date: 03/28/2016 1219

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	0.68	J	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.6		0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	3.7		0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	4.9		0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-110867-1

Client Sample ID: xTB01-CP-QC-031716

Lab Sample ID: 460-110867-31TB

Client Matrix: Water

Date Sampled: 03/17/2016 0800

Date Received: 03/17/2016 1720

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	A19644.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1219			Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 137
Toluene-d8 (Surr)	97		74 - 120
4-Bromofluorobenzene	96		70 - 131
Dibromofluoromethane (Surr)	96		72 - 136

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-110867-1	BP3A-CP-00-031716	102	104	102	101
460-110867-2	BP3B-CP-00-031716	101	103	100	98
460-110867-3	BP3C-CP-00-031716	101	103	99	99
460-110867-4	DW1-CP-00-031716	77	75	77	75
460-110867-5	DW2-CP-00-031716	100	98	101	100
460-110867-6	EW01A-CP-00-031716	101	98	100	99
460-110867-7	EW01A-CP-01-031716	101	100	101	101
460-110867-8	EW01B-CP-00-031716	100	99	98	100
460-110867-9	EW01C-CP-00-031716	102	100	99	100
460-110867-10	EW02A-CP-00-031716	99	95	100	99
460-110867-11	EW02B-CP-00-031716	99	97	100	98
460-110867-12	EW02C-CP-00-031716	103	104	101	99
460-110867-13	EW02D-CP-00-031716	102	103	101	98
460-110867-14	EW04A-CP-00-031716	103	104	100	100
460-110867-15	EW04B-CP-00-031716	102	104	99	97
460-110867-16	EW04C-CP-00-031716	104	104	102	100
460-110867-17	EW04D-CP-00-031716	103	105	99	98
460-110867-18	EW05-CP-00-031716	102	105	99	99
460-110867-19	EW07C-CP-00-031716	103	105	98	99
460-110867-20	EW07D-CP-00-031716	103	105	100	99
460-110867-21	EW11D-CP-00-031716	104	106	99	99

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene	70-131

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-110867-22	EW12D-CP-00-03171 6	101	105	100	99
460-110867-23	EW14D-CP-00-03171 6	102	105	99	98
460-110867-24	MW08A-CP-00-03171 6	78	76	75	75
460-110867-25	MW08B-CP-00-03171 6	101	99	100	100
460-110867-26	MW08C-CP-00-03171 6	78	76	75	75
460-110867-27	MW10D-CP-00-03171 6	103	105	100	99
460-110867-28	SW1-CP-00-031716	102	100	99	99
460-110867-29	WT01-CP-00-031716	96	97	93	95
460-110867-30	WT01-CP-01-031716	102	102	98	100
460-110867-31	xTB01-CP-QC-03171 6	96	94	97	96
MB 460-358833/7		100	102	101	100
MB 460-359095/7		98	98	100	99
MB 460-359204/7		102	101	99	99
LCS 460-358833/3		100	99	101	102
LCS 460-359095/4		97	93	99	99
LCS 460-359204/3		100	101	100	103
460-110867-1 MS	BP3A-CP-00-031716 MS	101	104	99	101
460-110867-10 MS	EW02A-CP-00-03171 6 MS	99	97	100	101
460-111146-B-2 MS		101	102	99	101
460-110867-1 MSD	BP3A-CP-00-031716 MSD	100	101	99	102
460-110867-10 MSD	EW02A-CP-00-03171 6 MSD	101	99	99	103
460-111146-B-2 MSD		77	77	76	77

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene	70-131

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Method Blank - Batch: 460-358833

Method: 8260C

Preparation: 5030C

Lab Sample ID: MB 460-358833/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/26/2016 0922
 Prep Date: 03/26/2016 0922
 Leach Date: N/A

Analysis Batch: 460-358833
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS1
 Lab File ID: A19586.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Method Blank - Batch: 460-358833

Method: 8260C

Preparation: 5030C

Lab Sample ID: MB 460-358833/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2016 0922
Prep Date: 03/26/2016 0922
Leach Date: N/A

Analysis Batch: 460-358833
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS1
Lab File ID: A19586.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 137
Toluene-d8 (Surr)	101	74 - 120
4-Bromofluorobenzene	100	70 - 131
Dibromofluoromethane (Surr)	100	72 - 136

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Control Sample - Batch: 460-358833

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-358833/3	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A19582.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 0739	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 0739				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	22.5	113	45 - 150	
Bromomethane	20.0	22.5	112	10 - 150	
Vinyl chloride	20.0	21.8	109	53 - 142	
Chloroethane	20.0	22.0	110	40 - 150	
Methylene Chloride	20.0	20.8	104	80 - 126	
Acetone	100	87.4	87	19 - 150	
Carbon disulfide	20.0	19.5	97	69 - 131	
Trichlorofluoromethane	20.0	21.4	107	50 - 150	
1,1-Dichloroethene	20.0	20.6	103	67 - 133	
1,1-Dichloroethane	20.0	20.1	101	77 - 129	
trans-1,2-Dichloroethene	20.0	20.5	102	78 - 127	
cis-1,2-Dichloroethene	20.0	19.7	98	82 - 127	
Chloroform	20.0	20.7	103	81 - 127	
1,2-Dichloroethane	20.0	20.4	102	73 - 131	
2-Butanone	100	94.3	94	56 - 150	
1,1,1-Trichloroethane	20.0	20.2	101	76 - 131	
Carbon tetrachloride	20.0	19.0	95	71 - 138	
Bromodichloromethane	20.0	19.9	100	78 - 127	
1,2-Dichloropropane	20.0	20.1	101	75 - 129	
cis-1,3-Dichloropropene	20.0	21.7	108	72 - 125	
Trichloroethene	20.0	19.6	98	77 - 127	
Dibromochloromethane	20.0	20.7	103	78 - 120	
1,1,2-Trichloroethane	20.0	20.5	103	77 - 122	
Benzene	20.0	20.0	100	76 - 125	
trans-1,3-Dichloropropene	20.0	21.8	109	69 - 125	
Bromoform	20.0	20.4	102	65 - 124	
4-Methyl-2-pentanone (MIBK)	100	103	103	77 - 130	
2-Hexanone	100	102	102	64 - 150	
Tetrachloroethene	20.0	20.9	105	71 - 132	
1,1,2,2-Tetrachloroethane	20.0	19.7	98	65 - 128	
Toluene	20.0	19.9	100	80 - 120	
Chlorobenzene	20.0	20.0	100	80 - 120	
Ethylbenzene	20.0	20.5	103	80 - 120	
Styrene	20.0	21.1	105	75 - 124	
m&p-Xylene	20.0	21.0	105	80 - 121	
o-Xylene	20.0	20.4	102	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	101	53 - 149	
TBA	200	208	104	68 - 141	
Methyl tert-butyl ether	20.0	20.4	102	78 - 129	
Cyclohexane	20.0	21.3	106	51 - 147	
1,2-Dibromoethane	20.0	20.4	102	80 - 120	
1,3-Dichlorobenzene	20.0	20.3	102	80 - 120	
1,4-Dichlorobenzene	20.0	20.3	102	79 - 120	
1,2-Dichlorobenzene	20.0	20.1	100	80 - 121	
Dichlorodifluoromethane	20.0	18.2	91	32 - 150	
1,2,4-Trichlorobenzene	20.0	20.3	101	66 - 137	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Control Sample - Batch: 460-358833

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-358833/3	Analysis Batch:	460-358833	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A19582.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2016 0739	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/26/2016 0739				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	400	444	111	65 - 150	
1,2,3-Trichlorobenzene	20.0	20.8	104	64 - 142	
1,2-Dibromo-3-Chloropropane	20.0	20.1	100	55 - 133	
Bromochloromethane	20.0	20.6	103	71 - 137	
Isopropylbenzene	20.0	20.7	103	80 - 127	
Methyl acetate	100	103	103	63 - 150	
Methylcyclohexane	20.0	16.8	84	52 - 142	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		99		70 - 137	
Toluene-d8 (Surr)		101		74 - 120	
4-Bromofluorobenzene		102		70 - 131	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-358833

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1709
Prep Date: 03/26/2016 1709
Leach Date: N/A

Analysis Batch: 460-358833
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19607.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1730
Prep Date: 03/26/2016 1730
Leach Date: N/A

Analysis Batch: 460-358833
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19608.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	114	108	45 - 150	5	30		
Bromomethane	110	104	10 - 150	5	30		
Vinyl chloride	109	103	53 - 142	5	30		
Chloroethane	110	104	40 - 150	6	30		
Methylene Chloride	100	95	80 - 126	5	30		
Acetone	76	76	19 - 150	0	30		
Carbon disulfide	81	79	69 - 131	3	30		
Trichlorofluoromethane	96	87	50 - 150	9	30		
1,1-Dichloroethene	96	93	67 - 133	3	30		
1,1-Dichloroethane	96	92	77 - 129	5	30		
trans-1,2-Dichloroethene	98	92	78 - 127	6	30		
cis-1,2-Dichloroethene	96	92	82 - 127	4	30		
Chloroform	100	96	81 - 127	4	30		
1,2-Dichloroethane	98	96	73 - 131	1	30		
2-Butanone	88	88	56 - 150	0	30		
1,1,1-Trichloroethane	101	97	76 - 131	4	30		
Carbon tetrachloride	96	91	71 - 138	6	30		
Bromodichloromethane	93	92	78 - 127	1	30		
1,2-Dichloropropane	93	90	75 - 129	3	30		
cis-1,3-Dichloropropene	91	90	72 - 125	2	30		
Trichloroethene	94	90	77 - 127	4	30		
Dibromochloromethane	88	89	78 - 120	1	30		
1,1,2-Trichloroethane	94	90	77 - 122	4	30		
Benzene	93	90	76 - 125	4	30		
trans-1,3-Dichloropropene	92	89	69 - 125	3	30		
Bromoform	88	89	65 - 124	1	30		
4-Methyl-2-pentanone (MIBK)	98	96	77 - 130	1	30		
2-Hexanone	96	93	64 - 150	3	30		
Tetrachloroethene	95	90	71 - 132	5	30		
1,1,2,2-Tetrachloroethane	90	89	65 - 128	1	30		
Toluene	93	90	80 - 120	3	30		
Chlorobenzene	94	91	80 - 120	4	30		
Ethylbenzene	96	93	80 - 120	3	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-358833

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1709
Prep Date: 03/26/2016 1709
Leach Date: N/A

Analysis Batch: 460-358833
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19607.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1730
Prep Date: 03/26/2016 1730
Leach Date: N/A

Analysis Batch: 460-358833
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19608.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	98	93	75 - 124	6	30		
m&p-Xylene	96	93	80 - 121	4	30		
o-Xylene	96	93	80 - 120	4	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	77	68	53 - 149	13	30		
TBA	42	86	68 - 141	68	30	*	*
Methyl tert-butyl ether	97	95	78 - 129	2	30		
Cyclohexane	88	79	51 - 147	10	30		
1,2-Dibromoethane	91	88	80 - 120	3	30		
1,3-Dichlorobenzene	93	91	80 - 120	2	30		
1,4-Dichlorobenzene	92	90	79 - 120	3	30		
1,2-Dichlorobenzene	91	90	80 - 121	0	30		
Dichlorodifluoromethane	60	52	32 - 150	14	30		
1,2,4-Trichlorobenzene	83	85	66 - 137	2	30		
1,4-Dioxane	107	126	65 - 150	16	30		
1,2,3-Trichlorobenzene	81	93	64 - 142	14	30		
1,2-Dibromo-3-Chloropropane	91	92	55 - 133	2	30		
Bromochloromethane	100	94	71 - 137	7	30		
Isopropylbenzene	96	92	80 - 127	4	30		
Methyl acetate	100	95	63 - 150	6	30		
Methylcyclohexane	66	60	52 - 142	10	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	101	70 - 137
Toluene-d8 (Surr)	99	99	74 - 120
4-Bromofluorobenzene	101	102	70 - 131

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-358833

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1709
Prep Date: 03/26/2016 1709
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1730
Prep Date: 03/26/2016 1730
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	227	216
Bromomethane	1.0 U	200	200	220	208
Vinyl chloride	1.0 U	200	200	217	207
Chloroethane	1.0 U	200	200	220	207
Methylene Chloride	1.0 U	200	200	200	191
Acetone	19	1000	1000	774	775
Carbon disulfide	1.0 U	200	200	163	158
Trichlorofluoromethane	1.0 U	200	200	192	175
1,1-Dichloroethene	1.0 U	200	200	192	186
1,1-Dichloroethane	1.0 U	200	200	192	183
trans-1,2-Dichloroethene	1.0 U	200	200	195	185
cis-1,2-Dichloroethene	1.0 U	200	200	192	184
Chloroform	0.78 J	200	200	201	193
1,2-Dichloroethane	1.0 U	200	200	195	193
2-Butanone	5.0 U	1000	1000	885	884
1,1,1-Trichloroethane	1.0 U	200	200	202	194
Carbon tetrachloride	1.0 U	200	200	192	181
Bromodichloromethane	1.0 U	200	200	185	183
1,2-Dichloropropane	1.0 U	200	200	185	180
cis-1,3-Dichloropropene	1.0 U	200	200	183	180
Trichloroethene	1.0 U	200	200	187	180
Dibromochloromethane	1.0 U	200	200	175	178
1,1,2-Trichloroethane	1.0 U	200	200	187	179
Benzene	1.0 U	200	200	186	179
trans-1,3-Dichloropropene	1.0 U	200	200	183	177
Bromoform	1.0 U	200	200	176	177
4-Methyl-2-pentanone (MIBK)	5.0 U	1000	1000	978	964
2-Hexanone	5.0 U	1000	1000	956	932
Tetrachloroethene	1.0 U	200	200	191	181
1,1,2,2-Tetrachloroethane	1.0 U	200	200	180	178
Toluene	1.0 U	200	200	185	179
Chlorobenzene	1.0 U	200	200	188	181
Ethylbenzene	1.0 U	200	200	192	185
Styrene	1.0 U	200	200	196	186
m&p-Xylene	1.0 U	200	200	193	186
o-Xylene	1.0 U	200	200	192	185
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	200	200	154	135
TBA	10 U	2000	2000	838	1710
Methyl tert-butyl ether	1.0 U	200	200	193	189
Cyclohexane	0.32 J	200	200	177	159
1,2-Dibromoethane	1.0 U	200	200	182	176
1,3-Dichlorobenzene	1.0 U	200	200	186	182
1,4-Dichlorobenzene	1.0 U	200	200	184	180

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-358833

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1709
Prep Date: 03/26/2016 1709
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 460-110867-1
Client Matrix: Water
Dilution: 10
Analysis Date: 03/26/2016 1730
Prep Date: 03/26/2016 1730
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dichlorobenzene	1.0	U	200	200	181	181
Dichlorodifluoromethane	1.0	U	200	200	121	105
1,2,4-Trichlorobenzene	1.0	U	200	200	166	169
1,4-Dioxane	50	U	4000	4000	4260	5030
1,2,3-Trichlorobenzene	1.0	U	200	200	162	186
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	181	185
Bromochloromethane	1.0	U	200	200	200	187
Isopropylbenzene	1.0	U	200	200	192	184
Methyl acetate	5.0	U	1000	1000	1000	947
Methylcyclohexane	1.0	U	200	200	132	120

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Method Blank - Batch: 460-359095

Method: 8260C

Preparation: 5030C

Lab Sample ID: MB 460-359095/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/28/2016 1112
Prep Date: 03/28/2016 1112
Leach Date: N/A

Analysis Batch: 460-359095
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS1
Lab File ID: A19641.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Method Blank - Batch: 460-359095

Method: 8260C

Preparation: 5030C

Lab Sample ID: MB 460-359095/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/28/2016 1112
Prep Date: 03/28/2016 1112
Leach Date: N/A

Analysis Batch: 460-359095
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS1
Lab File ID: A19641.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 137
Toluene-d8 (Surr)	100	74 - 120
4-Bromofluorobenzene	99	70 - 131
Dibromofluoromethane (Surr)	98	72 - 136

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Control Sample - Batch: 460-359095

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-359095/4	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A19638.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1006	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1006				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	21.0	105	45 - 150	
Bromomethane	20.0	21.8	109	10 - 150	
Vinyl chloride	20.0	21.5	107	53 - 142	
Chloroethane	20.0	21.4	107	40 - 150	
Methylene Chloride	20.0	20.9	105	80 - 126	
Acetone	100	45.4	45	19 - 150	
Carbon disulfide	20.0	20.6	103	69 - 131	
Trichlorofluoromethane	20.0	21.8	109	50 - 150	
1,1-Dichloroethene	20.0	21.5	108	67 - 133	
1,1-Dichloroethane	20.0	19.9	100	77 - 129	
trans-1,2-Dichloroethene	20.0	20.8	104	78 - 127	
cis-1,2-Dichloroethene	20.0	20.4	102	82 - 127	
Chloroform	20.0	20.7	103	81 - 127	
1,2-Dichloroethane	20.0	19.6	98	73 - 131	
2-Butanone	100	98.2	98	56 - 150	
1,1,1-Trichloroethane	20.0	20.2	101	76 - 131	
Carbon tetrachloride	20.0	20.2	101	71 - 138	
Bromodichloromethane	20.0	19.5	97	78 - 127	
1,2-Dichloropropane	20.0	19.3	97	75 - 129	
cis-1,3-Dichloropropene	20.0	21.4	107	72 - 125	
Trichloroethene	20.0	19.7	98	77 - 127	
Dibromochloromethane	20.0	20.4	102	78 - 120	
1,1,2-Trichloroethane	20.0	19.7	99	77 - 122	
Benzene	20.0	20.5	102	76 - 125	
trans-1,3-Dichloropropene	20.0	21.0	105	69 - 125	
Bromoform	20.0	20.8	104	65 - 124	
4-Methyl-2-pentanone (MIBK)	100	105	105	77 - 130	
2-Hexanone	100	103	103	64 - 150	
Tetrachloroethene	20.0	20.9	105	71 - 132	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	65 - 128	
Toluene	20.0	19.9	99	80 - 120	
Chlorobenzene	20.0	19.9	100	80 - 120	
Ethylbenzene	20.0	20.5	102	80 - 120	
Styrene	20.0	20.9	105	75 - 124	
m&p-Xylene	20.0	20.8	104	80 - 121	
o-Xylene	20.0	20.7	104	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6	103	53 - 149	
TBA	200	195	98	68 - 141	
Methyl tert-butyl ether	20.0	20.5	102	78 - 129	
Cyclohexane	20.0	22.1	111	51 - 147	
1,2-Dibromoethane	20.0	19.8	99	80 - 120	
1,3-Dichlorobenzene	20.0	20.7	103	80 - 120	
1,4-Dichlorobenzene	20.0	20.7	104	79 - 120	
1,2-Dichlorobenzene	20.0	20.3	102	80 - 121	
Dichlorodifluoromethane	20.0	17.3	87	32 - 150	
1,2,4-Trichlorobenzene	20.0	21.3	106	66 - 137	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Control Sample - Batch: 460-359095

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-359095/4	Analysis Batch:	460-359095	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A19638.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 1006	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 1006				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	400	521	130	65 - 150	
1,2,3-Trichlorobenzene	20.0	22.3	112	64 - 142	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	55 - 133	
Bromochloromethane	20.0	20.9	105	71 - 137	
Isopropylbenzene	20.0	20.9	105	80 - 127	
Methyl acetate	100	96.8	97	63 - 150	
Methylcyclohexane	20.0	17.0	85	52 - 142	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		93		70 - 137	
Toluene-d8 (Surr)		99		74 - 120	
4-Bromofluorobenzene		99		70 - 131	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359095

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1807
Prep Date: 03/28/2016 1807
Leach Date: N/A

Analysis Batch: 460-359095
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1828
Prep Date: 03/28/2016 1828
Leach Date: N/A

Analysis Batch: 460-359095
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	110	112	45 - 150	1	30		
Bromomethane	111	108	10 - 150	3	30		
Vinyl chloride	107	108	53 - 142	0	30		
Chloroethane	108	109	40 - 150	1	30		
Methylene Chloride	100	100	80 - 126	0	30		
Acetone	73	76	19 - 150	3	30		
Carbon disulfide	91	86	69 - 131	5	30		
Trichlorofluoromethane	101	103	50 - 150	2	30		
1,1-Dichloroethene	97	98	67 - 133	1	30		
1,1-Dichloroethane	98	97	77 - 129	1	30		
trans-1,2-Dichloroethene	99	97	78 - 127	1	30		
cis-1,2-Dichloroethene	98	97	82 - 127	1	30		
Chloroform	101	98	81 - 127	3	30		
1,2-Dichloroethane	99	96	73 - 131	3	30		
2-Butanone	91	88	56 - 150	4	30		
1,1,1-Trichloroethane	98	99	76 - 131	1	30		
Carbon tetrachloride	96	97	71 - 138	1	30		
Bromodichloromethane	95	93	78 - 127	2	30		
1,2-Dichloropropane	95	93	75 - 129	2	30		
cis-1,3-Dichloropropene	98	92	72 - 125	6	30		
Trichloroethene	95	89	77 - 127	7	30		
Dibromochloromethane	97	90	78 - 120	7	30		
1,1,2-Trichloroethane	98	90	77 - 122	9	30		
Benzene	97	93	76 - 125	5	30		
trans-1,3-Dichloropropene	98	91	69 - 125	7	30		
Bromoform	97	93	65 - 124	4	30		
4-Methyl-2-pentanone (MIBK)	102	101	77 - 130	1	30		
2-Hexanone	97	96	64 - 150	1	30		
Tetrachloroethene	99	93	71 - 132	7	30		
1,1,2,2-Tetrachloroethane	94	90	65 - 128	5	30		
Toluene	96	92	80 - 120	5	30		
Chlorobenzene	97	93	80 - 120	4	30		
Ethylbenzene	100	96	80 - 120	4	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-359095**

**Method: 8260C
Preparation: 5030C**

MS Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1807
Prep Date: 03/28/2016 1807
Leach Date: N/A

Analysis Batch: 460-359095
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
5 mL

MSD Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1828
Prep Date: 03/28/2016 1828
Leach Date: N/A

Analysis Batch: 460-359095
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: CVOAMS1
Lab File ID: A19661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	101	97	75 - 124	4	30		
m&p-Xylene	106	100	80 - 121	6	30		
o-Xylene	102	99	80 - 120	3	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	84	87	53 - 149	3	30		
TBA	105	93	68 - 141	12	30		
Methyl tert-butyl ether	97	99	78 - 129	2	30		
Cyclohexane	96	98	51 - 147	2	30		
1,2-Dibromoethane	94	92	80 - 120	2	30		
1,3-Dichlorobenzene	97	93	80 - 120	4	30		
1,4-Dichlorobenzene	96	93	79 - 120	3	30		
1,2-Dichlorobenzene	93	93	80 - 121	1	30		
Dichlorodifluoromethane	74	73	32 - 150	0	30		
1,2,4-Trichlorobenzene	83	91	66 - 137	10	30		
1,4-Dioxane	112	114	65 - 150	1	30		
1,2,3-Trichlorobenzene	82	98	64 - 142	18	30		
1,2-Dibromo-3-Chloropropane	90	95	55 - 133	5	30		
Bromochloromethane	100	97	71 - 137	3	30		
Isopropylbenzene	99	98	80 - 127	1	30		
Methyl acetate	93	96	63 - 150	3	30		
Methylcyclohexane	72	72	52 - 142	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	99	70 - 137
Toluene-d8 (Surr)	100	99	74 - 120
4-Bromofluorobenzene	101	103	70 - 131

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-359095**

**Method: 8260C
Preparation: 5030C**

MS Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1807
Prep Date: 03/28/2016 1807
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1828
Prep Date: 03/28/2016 1828
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	221	224
Bromomethane	1.0	U	200	200	222	215
Vinyl chloride	1.0	U	200	200	215	215
Chloroethane	1.0	U	200	200	215	217
Methylene Chloride	1.0	U	200	200	200	200
Acetone	38		1000	1000	772	798
Carbon disulfide	1.0	U	200	200	181	173
Trichlorofluoromethane	1.0	U	200	200	202	205
1,1-Dichloroethene	1.0	U	200	200	195	196
1,1-Dichloroethane	1.0	U	200	200	195	194
trans-1,2-Dichloroethene	1.0	U	200	200	198	195
cis-1,2-Dichloroethene	1.0	U	200	200	196	195
Chloroform	1.0	U	200	200	202	196
1,2-Dichloroethane	1.0	U	200	200	199	193
2-Butanone	5.0	U	1000	1000	907	875
1,1,1-Trichloroethane	1.0	U	200	200	197	199
Carbon tetrachloride	1.0	U	200	200	191	194
Bromodichloromethane	1.0	U	200	200	190	186
1,2-Dichloropropane	1.0	U	200	200	189	186
cis-1,3-Dichloropropene	1.0	U	200	200	196	184
Trichloroethene	0.30	J	200	200	191	179
Dibromochloromethane	1.0	U	200	200	193	181
1,1,2-Trichloroethane	1.0	U	200	200	197	181
Benzene	1.0	U	200	200	195	185
trans-1,3-Dichloropropene	1.0	U	200	200	195	182
Bromoform	1.0	U	200	200	193	186
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1000	1020	1010
2-Hexanone	5.0	U	1000	1000	965	957
Tetrachloroethene	1.0	U	200	200	198	185
1,1,2,2-Tetrachloroethane	1.0	U	200	200	188	179
Toluene	0.41	J	200	200	192	184
Chlorobenzene	1.0	U	200	200	193	186
Ethylbenzene	1.0	U	200	200	200	193
Styrene	1.0	U	200	200	201	193
m&p-Xylene	1.0	U	200	200	212	200
o-Xylene	1.0	U	200	200	203	198
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	200	168	174
TBA	10	U	2000	2000	2090	1850
Methyl tert-butyl ether	1.0	U	200	200	194	198
Cyclohexane	0.39	J	200	200	192	196
1,2-Dibromoethane	1.0	U	200	200	188	184
1,3-Dichlorobenzene	1.0	U	200	200	194	186
1,4-Dichlorobenzene	1.0	U	200	200	191	186

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359095

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-110867-10 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1807
Prep Date: 03/28/2016 1807
Leach Date: N/A

MSD Lab Sample ID: 460-110867-10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/28/2016 1828
Prep Date: 03/28/2016 1828
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dichlorobenzene	1.0	U	200	200	185	186
Dichlorodifluoromethane	1.0	U	200	200	148	147
1,2,4-Trichlorobenzene	1.0	U	200	200	165	182
1,4-Dioxane	50	U	4000	4000	4500	4550
1,2,3-Trichlorobenzene	1.0	U	200	200	165	196
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	179	190
Bromochloromethane	1.0	U	200	200	201	195
Isopropylbenzene	1.0	U	200	200	198	196
Methyl acetate	5.0	U	1000	1000	927	959
Methylcyclohexane	1.0	U	200	200	143	145

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Method Blank - Batch: 460-359204

Method: 8260C

Preparation: 5030C

Lab Sample ID: MB 460-359204/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/28/2016 2244
Prep Date: 03/28/2016 2244
Leach Date: N/A

Analysis Batch: 460-359204
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS1
Lab File ID: A19672.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.22	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.060	1.0
Chloroethane	1.0	U	0.37	1.0
Methylene Chloride	1.0	U	0.21	1.0
Acetone	5.0	U	1.1	5.0
Carbon disulfide	1.0	U	0.22	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.34	1.0
1,1-Dichloroethane	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.26	1.0
Chloroform	1.0	U	0.22	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
2-Butanone	5.0	U	2.2	5.0
1,1,1-Trichloroethane	1.0	U	0.28	1.0
Carbon tetrachloride	1.0	U	0.33	1.0
Bromodichloromethane	1.0	U	0.15	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.22	1.0
Dibromochloromethane	1.0	U	0.22	1.0
1,1,2-Trichloroethane	1.0	U	0.080	1.0
Benzene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Bromoform	1.0	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.63	5.0
2-Hexanone	5.0	U	0.72	5.0
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.19	1.0
Toluene	1.0	U	0.25	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	1.0	U	0.30	1.0
Styrene	1.0	U	0.17	1.0
m&p-Xylene	1.0	U	0.28	1.0
o-Xylene	1.0	U	0.32	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.34	1.0
TBA	10	U	1.2	10
Methyl tert-butyl ether	1.0	U	0.13	1.0
Cyclohexane	1.0	U	0.26	1.0
1,2-Dibromoethane	1.0	U	0.19	1.0
1,3-Dichlorobenzene	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichlorobenzene	1.0	U	0.22	1.0
Dichlorodifluoromethane	1.0	U	0.14	1.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Method Blank - Batch: 460-359204

Method: 8260C
Preparation: 5030C

Lab Sample ID: MB 460-359204/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/28/2016 2244
Prep Date: 03/28/2016 2244
Leach Date: N/A

Analysis Batch: 460-359204
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS1
Lab File ID: A19672.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	50	U	8.7	50
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.23	1.0
Bromochloromethane	1.0	U	0.30	1.0
Isopropylbenzene	1.0	U	0.32	1.0
Methyl acetate	5.0	U	0.58	5.0
Methylcyclohexane	1.0	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 137
Toluene-d8 (Surr)	99	74 - 120
4-Bromofluorobenzene	99	70 - 131
Dibromofluoromethane (Surr)	102	72 - 136

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Control Sample - Batch: 460-359204

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-359204/3	Analysis Batch:	460-359204	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A19668.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 2110	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 2110				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	19.9	100	45 - 150	
Bromomethane	20.0	19.8	99	10 - 150	
Vinyl chloride	20.0	20.6	103	53 - 142	
Chloroethane	20.0	20.0	100	40 - 150	
Methylene Chloride	20.0	19.3	96	80 - 126	
Acetone	100	87.2	87	19 - 150	
Carbon disulfide	20.0	20.3	101	69 - 131	
Trichlorofluoromethane	20.0	22.3	112	50 - 150	
1,1-Dichloroethene	20.0	19.6	98	67 - 133	
1,1-Dichloroethane	20.0	18.7	94	77 - 129	
trans-1,2-Dichloroethene	20.0	19.9	99	78 - 127	
cis-1,2-Dichloroethene	20.0	19.0	95	82 - 127	
Chloroform	20.0	19.9	99	81 - 127	
1,2-Dichloroethane	20.0	19.2	96	73 - 131	
2-Butanone	100	87.7	88	56 - 150	
1,1,1-Trichloroethane	20.0	19.4	97	76 - 131	
Carbon tetrachloride	20.0	20.2	101	71 - 138	
Bromodichloromethane	20.0	18.6	93	78 - 127	
1,2-Dichloropropane	20.0	18.3	91	75 - 129	
cis-1,3-Dichloropropene	20.0	19.7	99	72 - 125	
Trichloroethene	20.0	18.8	94	77 - 127	
Dibromochloromethane	20.0	18.8	94	78 - 120	
1,1,2-Trichloroethane	20.0	19.1	95	77 - 122	
Benzene	20.0	18.6	93	76 - 125	
trans-1,3-Dichloropropene	20.0	19.0	95	69 - 125	
Bromoform	20.0	19.3	97	65 - 124	
4-Methyl-2-pentanone (MIBK)	100	98.7	99	77 - 130	
2-Hexanone	100	94.2	94	64 - 150	
Tetrachloroethene	20.0	19.7	98	71 - 132	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	65 - 128	
Toluene	20.0	18.5	93	80 - 120	
Chlorobenzene	20.0	18.5	93	80 - 120	
Ethylbenzene	20.0	19.0	95	80 - 120	
Styrene	20.0	19.5	97	75 - 124	
m&p-Xylene	20.0	19.7	98	80 - 121	
o-Xylene	20.0	19.4	97	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.7	118	53 - 149	
TBA	200	199	99	68 - 141	
Methyl tert-butyl ether	20.0	19.2	96	78 - 129	
Cyclohexane	20.0	24.6	123	51 - 147	
1,2-Dibromoethane	20.0	18.2	91	80 - 120	
1,3-Dichlorobenzene	20.0	19.5	97	80 - 120	
1,4-Dichlorobenzene	20.0	19.2	96	79 - 120	
1,2-Dichlorobenzene	20.0	19.1	95	80 - 121	
Dichlorodifluoromethane	20.0	21.6	108	32 - 150	
1,2,4-Trichlorobenzene	20.0	19.7	99	66 - 137	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Control Sample - Batch: 460-359204

Method: 8260C

Preparation: 5030C

Lab Sample ID:	LCS 460-359204/3	Analysis Batch:	460-359204	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A19668.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2016 2110	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/28/2016 2110				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	400	556	139	65 - 150	
1,2,3-Trichlorobenzene	20.0	21.4	107	64 - 142	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	55 - 133	
Bromochloromethane	20.0	19.2	96	71 - 137	
Isopropylbenzene	20.0	19.5	97	80 - 127	
Methyl acetate	100	101	101	63 - 150	
Methylcyclohexane	20.0	20.1	100	52 - 142	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101		70 - 137	
Toluene-d8 (Surr)		100		74 - 120	
4-Bromofluorobenzene		103		70 - 131	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359204

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-111146-B-2 MS	Analysis Batch: 460-359204	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A19679.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/29/2016 0117		Final Weight/Volume: 5 mL
Prep Date: 03/29/2016 0117		5 mL
Leach Date: N/A		

MSD Lab Sample ID: 460-111146-B-2 MSD	Analysis Batch: 460-359204	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A19680.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/29/2016 0139		Final Weight/Volume: 5 mL
Prep Date: 03/29/2016 0139		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	97	95	45 - 150	2	30		
Bromomethane	95	93	10 - 150	2	30		
Vinyl chloride	97	95	53 - 142	1	30		
Chloroethane	92	92	40 - 150	1	30		
Methylene Chloride	96	93	80 - 126	4	30		
Acetone	78	80	19 - 150	2	30		
Carbon disulfide	82	83	69 - 131	2	30		
Trichlorofluoromethane	105	104	50 - 150	0	30		
1,1-Dichloroethene	92	93	67 - 133	1	30		
1,1-Dichloroethane	93	92	77 - 129	1	30		
trans-1,2-Dichloroethene	93	94	78 - 127	2	30		
cis-1,2-Dichloroethene	92	92	82 - 127	0	30		
Chloroform	97	96	81 - 127	1	30		
1,2-Dichloroethane	95	95	73 - 131	0	30		
2-Butanone	84	89	56 - 150	6	30		
1,1,1-Trichloroethane	93	94	76 - 131	1	30		
Carbon tetrachloride	91	92	71 - 138	1	30		
Bromodichloromethane	87	88	78 - 127	1	30		
1,2-Dichloropropane	89	88	75 - 129	1	30		
cis-1,3-Dichloropropene	88	92	72 - 125	4	30		
Trichloroethene	89	88	77 - 127	1	30		
Dibromochloromethane	82	87	78 - 120	5	30		
1,1,2-Trichloroethane	86	89	77 - 122	4	30		
Benzene	89	91	76 - 125	3	30		
trans-1,3-Dichloropropene	87	91	69 - 125	4	30		
Bromoform	82	87	65 - 124	6	30		
4-Methyl-2-pentanone (MIBK)	91	93	77 - 130	2	30		
2-Hexanone	88	89	64 - 150	1	30		
Tetrachloroethene	92	95	71 - 132	3	30		
1,1,2,2-Tetrachloroethane	86	88	65 - 128	3	30		
Toluene	88	88	80 - 120	1	30		
Chlorobenzene	88	90	80 - 120	2	30		
Ethylbenzene	91	94	80 - 120	3	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-359204**

**Method: 8260C
Preparation: 5030C**

MS Lab Sample ID: 460-111146-B-2 MS	Analysis Batch: 460-359204	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A19679.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/29/2016 0117		Final Weight/Volume: 5 mL
Prep Date: 03/29/2016 0117		5 mL
Leach Date: N/A		

MSD Lab Sample ID: 460-111146-B-2 MSD	Analysis Batch: 460-359204	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A19680.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/29/2016 0139		Final Weight/Volume: 5 mL
Prep Date: 03/29/2016 0139		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	92	92	75 - 124	0	30		
m&p-Xylene	92	93	80 - 121	2	30		
o-Xylene	92	93	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	106	106	53 - 149	0	30		
TBA	101	95	68 - 141	6	30		
Methyl tert-butyl ether	92	94	78 - 129	2	30		
Cyclohexane	114	113	51 - 147	1	30		
1,2-Dibromoethane	87	90	80 - 120	4	30		
1,3-Dichlorobenzene	90	91	80 - 120	1	30		
1,4-Dichlorobenzene	89	89	79 - 120	0	30		
1,2-Dichlorobenzene	88	89	80 - 121	2	30		
Dichlorodifluoromethane	99	100	32 - 150	1	30		
1,2,4-Trichlorobenzene	80	88	66 - 137	10	30		
1,4-Dioxane	107	103	65 - 150	3	30		
1,2,3-Trichlorobenzene	80	96	64 - 142	19	30		
1,2-Dibromo-3-Chloropropane	88	94	55 - 133	7	30		
Bromochloromethane	94	97	71 - 137	3	30		
Isopropylbenzene	93	92	80 - 127	1	30		
Methyl acetate	99	101	63 - 150	2	30		
Methylcyclohexane	90	89	52 - 142	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	77	70 - 137
Toluene-d8 (Surr)	99	76	74 - 120
4-Bromofluorobenzene	101	77	70 - 131

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359204

Method: 8260C
Preparation: 5030C

MS Lab Sample ID: 460-111146-B-2 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 03/29/2016 0117
Prep Date: 03/29/2016 0117
Leach Date: N/A

MSD Lab Sample ID: 460-111146-B-2 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 03/29/2016 0139
Prep Date: 03/29/2016 0139
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	194	190
Bromomethane	1.0 U	200	200	190	185
Vinyl chloride	1.0 U	200	200	193	191
Chloroethane	1.0 U	200	200	184	185
Methylene Chloride	1.0 U	200	200	192	185
Acetone	5.0 U	1000	1000	783	799
Carbon disulfide	1.0 U	200	200	163	167
Trichlorofluoromethane	1.0 U	200	200	210	209
1,1-Dichloroethene	1.0 U	200	200	184	186
1,1-Dichloroethane	1.0 U	200	200	186	184
trans-1,2-Dichloroethene	1.0 U	200	200	186	188
cis-1,2-Dichloroethene	1.0 U	200	200	183	183
Chloroform	1.0 U	200	200	194	192
1,2-Dichloroethane	1.0 U	200	200	191	190
2-Butanone	5.0 U	1000	1000	838	887
1,1,1-Trichloroethane	1.0 U	200	200	186	187
Carbon tetrachloride	1.0 U	200	200	182	183
Bromodichloromethane	1.0 U	200	200	174	176
1,2-Dichloropropane	1.0 U	200	200	178	175
cis-1,3-Dichloropropene	1.0 U	200	200	177	183
Trichloroethene	0.23 J	200	200	178	175
Dibromochloromethane	1.0 U	200	200	165	173
1,1,2-Trichloroethane	1.0 U	200	200	172	179
Benzene	1.0 U	200	200	177	182
trans-1,3-Dichloropropene	1.0 U	200	200	174	181
Bromoform	1.0 U	200	200	164	173
4-Methyl-2-pentanone (MIBK)	5.0 U	1000	1000	911	928
2-Hexanone	5.0 U	1000	1000	880	890
Tetrachloroethene	1.0 U	200	200	184	190
1,1,2,2-Tetrachloroethane	1.0 U	200	200	171	176
Toluene	1.0 U	200	200	175	177
Chlorobenzene	1.0 U	200	200	177	180
Ethylbenzene	1.0 U	200	200	182	187
Styrene	1.0 U	200	200	185	185
m&p-Xylene	1.0 U	200	200	183	186
o-Xylene	1.0 U	200	200	184	187
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	200	200	212	211
TBA	10 U	2000	2000	2030	1900
Methyl tert-butyl ether	1.0 U	200	200	185	187
Cyclohexane	1.0 U	200	200	228	226
1,2-Dibromoethane	1.0 U	200	200	173	180
1,3-Dichlorobenzene	1.0 U	200	200	179	181
1,4-Dichlorobenzene	1.0 U	200	200	178	179

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-359204**

**Method: 8260C
Preparation: 5030C**

MS Lab Sample ID: 460-111146-B-2 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 03/29/2016 0117
Prep Date: 03/29/2016 0117
Leach Date: N/A

MSD Lab Sample ID: 460-111146-B-2 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 03/29/2016 0139
Prep Date: 03/29/2016 0139
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dichlorobenzene	1.0	U	200	200	176	179
Dichlorodifluoromethane	1.0	U	200	200	197	200
1,2,4-Trichlorobenzene	1.0	U	200	200	160	177
1,4-Dioxane	50	U	4000	4000	4270	4130
1,2,3-Trichlorobenzene	1.0	U	200	200	160	193
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	176	188
Bromochloromethane	1.0	U	200	200	188	193
Isopropylbenzene	1.0	U	200	200	185	183
Methyl acetate	5.0	U	1000	1000	989	1010
Methylcyclohexane	1.0	U	200	200	179	178

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 460-110867-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	*	MS or MSD is outside acceptance limits.

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-358833					
LCS 460-358833/3	Lab Control Sample	T	Water	8260C	
MB 460-358833/7	Method Blank	T	Water	8260C	
460-110867-1	BP3A-CP-00-031716	T	Water	8260C	
460-110867-1MS	Matrix Spike	T	Water	8260C	
460-110867-1MSD	Matrix Spike Duplicate	T	Water	8260C	
460-110867-2	BP3B-CP-00-031716	T	Water	8260C	
460-110867-3	BP3C-CP-00-031716	T	Water	8260C	
460-110867-12	EW02C-CP-00-031716	T	Water	8260C	
460-110867-13	EW02D-CP-00-031716	T	Water	8260C	
460-110867-14	EW04A-CP-00-031716	T	Water	8260C	
460-110867-15	EW04B-CP-00-031716	T	Water	8260C	
460-110867-16	EW04C-CP-00-031716	T	Water	8260C	
460-110867-17	EW04D-CP-00-031716	T	Water	8260C	
460-110867-18	EW05-CP-00-031716	T	Water	8260C	
460-110867-19	EW07C-CP-00-031716	T	Water	8260C	
460-110867-20	EW07D-CP-00-031716	T	Water	8260C	
460-110867-21	EW11D-CP-00-031716	T	Water	8260C	
460-110867-22	EW12D-CP-00-031716	T	Water	8260C	
460-110867-23	EW14D-CP-00-031716	T	Water	8260C	
460-110867-27	MW10D-CP-00-031716	T	Water	8260C	
Analysis Batch:460-359095					
LCS 460-359095/4	Lab Control Sample	T	Water	8260C	
MB 460-359095/7	Method Blank	T	Water	8260C	
460-110867-4	DW1-CP-00-031716	T	Water	8260C	
460-110867-5	DW2-CP-00-031716	T	Water	8260C	
460-110867-6	EW01A-CP-00-031716	T	Water	8260C	
460-110867-7	EW01A-CP-01-031716	T	Water	8260C	
460-110867-8	EW01B-CP-00-031716	T	Water	8260C	
460-110867-9	EW01C-CP-00-031716	T	Water	8260C	
460-110867-10	EW02A-CP-00-031716	T	Water	8260C	
460-110867-10MS	Matrix Spike	T	Water	8260C	
460-110867-10MSD	Matrix Spike Duplicate	T	Water	8260C	
460-110867-11	EW02B-CP-00-031716	T	Water	8260C	
460-110867-24	MW08A-CP-00-031716	T	Water	8260C	
460-110867-25	MW08B-CP-00-031716	T	Water	8260C	
460-110867-26	MW08C-CP-00-031716	T	Water	8260C	
460-110867-28	SW1-CP-00-031716	T	Water	8260C	
460-110867-30	WT01-CP-01-031716	T	Water	8260C	
460-110867-31TB	xTB01-CP-QC-031716	T	Water	8260C	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-359204					
LCS 460-359204/3	Lab Control Sample	T	Water	8260C	
MB 460-359204/7	Method Blank	T	Water	8260C	
460-110867-29	WT01-CP-00-031716	T	Water	8260C	
460-111146-B-2 MS	Matrix Spike	T	Water	8260C	
460-111146-B-2 MSD	Matrix Spike Duplicate	T	Water	8260C	

Report Basis

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Laboratory Chronicle

Lab ID: 460-110867-1

Client ID: BP3A-CP-00-031716

Sample Date/Time: 03/14/2016 11:34 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-1		460-358833		03/26/2016 10:39	1	TAL EDI	SZD
A:8260C	460-110867-A-1		460-358833		03/26/2016 10:39	1	TAL EDI	SZD

Lab ID: 460-110867-1 MS

Client ID: BP3A-CP-00-031716

Sample Date/Time: 03/14/2016 11:34 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-1 MS		460-358833		03/26/2016 17:09	10	TAL EDI	SZD
A:8260C	460-110867-B-1 MS		460-358833		03/26/2016 17:09	10	TAL EDI	SZD

Lab ID: 460-110867-1 MSD

Client ID: BP3A-CP-00-031716

Sample Date/Time: 03/14/2016 11:34 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-1 MSD		460-358833		03/26/2016 17:30	10	TAL EDI	SZD
A:8260C	460-110867-B-1 MSD		460-358833		03/26/2016 17:30	10	TAL EDI	SZD

Lab ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Sample Date/Time: 03/14/2016 11:18 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-2		460-358833		03/26/2016 11:01	1	TAL EDI	SZD
A:8260C	460-110867-A-2		460-358833		03/26/2016 11:01	1	TAL EDI	SZD

Lab ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Sample Date/Time: 03/14/2016 11:28 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-3		460-358833		03/26/2016 11:22	1	TAL EDI	SZD
A:8260C	460-110867-A-3		460-358833		03/26/2016 11:22	1	TAL EDI	SZD

Lab ID: 460-110867-4

Client ID: DW1-CP-00-031716

Sample Date/Time: 03/16/2016 10:11 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-4		460-359095		03/28/2016 12:41	1	TAL EDI	MZS
A:8260C	460-110867-A-4		460-359095		03/28/2016 12:41	1	TAL EDI	MZS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Laboratory Chronicle

Lab ID: 460-110867-5

Client ID: DW2-CP-00-031716

Sample Date/Time: 03/16/2016 10:26 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-5		460-359095		03/28/2016 13:03	1	TAL EDI	MZS
A:8260C	460-110867-A-5		460-359095		03/28/2016 13:03	1	TAL EDI	MZS

Lab ID: 460-110867-6

Client ID: EW01A-CP-00-031716

Sample Date/Time: 03/16/2016 09:55 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-6		460-359095		03/28/2016 13:24	1	TAL EDI	MZS
A:8260C	460-110867-A-6		460-359095		03/28/2016 13:24	1	TAL EDI	MZS

Lab ID: 460-110867-7

Client ID: EW01A-CP-01-031716

Sample Date/Time: 03/16/2016 09:55 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-7		460-359095		03/28/2016 13:46	1	TAL EDI	MZS
A:8260C	460-110867-A-7		460-359095		03/28/2016 13:46	1	TAL EDI	MZS

Lab ID: 460-110867-8

Client ID: EW01B-CP-00-031716

Sample Date/Time: 03/16/2016 09:50 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-8		460-359095		03/28/2016 14:08	1	TAL EDI	MZS
A:8260C	460-110867-A-8		460-359095		03/28/2016 14:08	1	TAL EDI	MZS

Lab ID: 460-110867-9

Client ID: EW01C-CP-00-031716

Sample Date/Time: 03/16/2016 09:42 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-9		460-359095		03/28/2016 14:30	1	TAL EDI	MZS
A:8260C	460-110867-A-9		460-359095		03/28/2016 14:30	1	TAL EDI	MZS

Lab ID: 460-110867-10

Client ID: EW02A-CP-00-031716

Sample Date/Time: 03/15/2016 14:16 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-10		460-359095		03/28/2016 11:36	1	TAL EDI	MZS
A:8260C	460-110867-B-10		460-359095		03/28/2016 11:36	1	TAL EDI	MZS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Laboratory Chronicle

Lab ID: 460-110867-10 MS

Client ID: EW02A-CP-00-031716

Sample Date/Time: 03/15/2016 14:16 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-10 MS		460-359095		03/28/2016 18:07	10	TAL EDI	MZS
A:8260C	460-110867-B-10 MS		460-359095		03/28/2016 18:07	10	TAL EDI	MZS

Lab ID: 460-110867-10 MSD

Client ID: EW02A-CP-00-031716

Sample Date/Time: 03/15/2016 14:16 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-10 MSD		460-359095		03/28/2016 18:28	10	TAL EDI	MZS
A:8260C	460-110867-B-10 MSD		460-359095		03/28/2016 18:28	10	TAL EDI	MZS

Lab ID: 460-110867-11

Client ID: EW02B-CP-00-031716

Sample Date/Time: 03/15/2016 14:07 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-11		460-359095		03/28/2016 11:57	1	TAL EDI	MZS
A:8260C	460-110867-B-11		460-359095		03/28/2016 11:57	1	TAL EDI	MZS

Lab ID: 460-110867-12

Client ID: EW02C-CP-00-031716

Sample Date/Time: 03/15/2016 14:00 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-12		460-358833		03/26/2016 12:28	1	TAL EDI	SZD
A:8260C	460-110867-A-12		460-358833		03/26/2016 12:28	1	TAL EDI	SZD

Lab ID: 460-110867-13

Client ID: EW02D-CP-00-031716

Sample Date/Time: 03/15/2016 13:51 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-13		460-358833		03/26/2016 12:49	1	TAL EDI	SZD
A:8260C	460-110867-A-13		460-358833		03/26/2016 12:49	1	TAL EDI	SZD

Lab ID: 460-110867-14

Client ID: EW04A-CP-00-031716

Sample Date/Time: 03/14/2016 12:46 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-14		460-358833		03/26/2016 13:10	1	TAL EDI	SZD
A:8260C	460-110867-A-14		460-358833		03/26/2016 13:10	1	TAL EDI	SZD

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Laboratory Chronicle

Lab ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Sample Date/Time: 03/14/2016 12:41 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-15		460-358833		03/26/2016 13:32	1	TAL EDI	SZD
A:8260C	460-110867-A-15		460-358833		03/26/2016 13:32	1	TAL EDI	SZD

Lab ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Sample Date/Time: 03/14/2016 12:36 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-16		460-358833		03/26/2016 13:54	1	TAL EDI	SZD
A:8260C	460-110867-A-16		460-358833		03/26/2016 13:54	1	TAL EDI	SZD

Lab ID: 460-110867-17

Client ID: EW04D-CP-00-031716

Sample Date/Time: 03/14/2016 12:28 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-17		460-358833		03/26/2016 14:16	1	TAL EDI	SZD
A:8260C	460-110867-A-17		460-358833		03/26/2016 14:16	1	TAL EDI	SZD

Lab ID: 460-110867-18

Client ID: EW05-CP-00-031716

Sample Date/Time: 03/16/2016 10:20 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-18		460-358833		03/26/2016 14:38	1	TAL EDI	SZD
A:8260C	460-110867-A-18		460-358833		03/26/2016 14:38	1	TAL EDI	SZD

Lab ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Sample Date/Time: 03/15/2016 14:43 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-19		460-358833		03/26/2016 14:59	1	TAL EDI	SZD
A:8260C	460-110867-A-19		460-358833		03/26/2016 14:59	1	TAL EDI	SZD

Lab ID: 460-110867-20

Client ID: EW07D-CP-00-031716

Sample Date/Time: 03/15/2016 14:34 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-20		460-358833		03/26/2016 15:20	1	TAL EDI	SZD
A:8260C	460-110867-A-20		460-358833		03/26/2016 15:20	1	TAL EDI	SZD

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Laboratory Chronicle

Lab ID: 460-110867-21

Client ID: EW11D-CP-00-031716

Sample Date/Time: 03/14/2016 12:10 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-21		460-358833		03/26/2016 15:42	1	TAL EDI	SZD
A:8260C	460-110867-A-21		460-358833		03/26/2016 15:42	1	TAL EDI	SZD

Lab ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Sample Date/Time: 03/14/2016 12:22 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-22		460-358833		03/26/2016 16:04	1	TAL EDI	SZD
A:8260C	460-110867-A-22		460-358833		03/26/2016 16:04	1	TAL EDI	SZD

Lab ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Sample Date/Time: 03/15/2016 13:17 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-23		460-358833		03/26/2016 16:25	1	TAL EDI	SZD
A:8260C	460-110867-A-23		460-358833		03/26/2016 16:25	1	TAL EDI	SZD

Lab ID: 460-110867-24

Client ID: MW08A-CP-00-031716

Sample Date/Time: 03/16/2016 09:34 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-24		460-359095		03/28/2016 14:51	1	TAL EDI	MZS
A:8260C	460-110867-A-24		460-359095		03/28/2016 14:51	1	TAL EDI	MZS

Lab ID: 460-110867-25

Client ID: MW08B-CP-00-031716

Sample Date/Time: 03/16/2016 09:28 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-25		460-359095		03/28/2016 15:13	1	TAL EDI	MZS
A:8260C	460-110867-A-25		460-359095		03/28/2016 15:13	1	TAL EDI	MZS

Lab ID: 460-110867-26

Client ID: MW08C-CP-00-031716

Sample Date/Time: 03/16/2016 09:21 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-26		460-359095		03/28/2016 15:35	1	TAL EDI	MZS
A:8260C	460-110867-A-26		460-359095		03/28/2016 15:35	1	TAL EDI	MZS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

Laboratory Chronicle

Lab ID: 460-110867-27

Client ID: MW10D-CP-00-031716

Sample Date/Time: 03/14/2016 12:00 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-27		460-358833		03/26/2016 16:47	1	TAL EDI	SZD
A:8260C	460-110867-A-27		460-358833		03/26/2016 16:47	1	TAL EDI	SZD

Lab ID: 460-110867-28

Client ID: SW1-CP-00-031716

Sample Date/Time: 03/16/2016 10:05 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-28		460-359095		03/28/2016 15:56	1	TAL EDI	MZS
A:8260C	460-110867-A-28		460-359095		03/28/2016 15:56	1	TAL EDI	MZS

Lab ID: 460-110867-29

Client ID: WT01-CP-00-031716

Sample Date/Time: 03/15/2016 13:36 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-B-29		460-359204		03/29/2016 02:45	1	TAL EDI	MZS
A:8260C	460-110867-B-29		460-359204		03/29/2016 02:45	1	TAL EDI	MZS

Lab ID: 460-110867-30

Client ID: WT01-CP-01-031716

Sample Date/Time: 03/15/2016 13:36 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-30		460-359095		03/28/2016 16:40	1	TAL EDI	MZS
A:8260C	460-110867-A-30		460-359095		03/28/2016 16:40	1	TAL EDI	MZS

Lab ID: 460-110867-31

Client ID: xTB01-CP-QC-031716

Sample Date/Time: 03/17/2016 08:00 Received Date/Time: 03/17/2016 17:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-110867-A-31		460-359095		03/28/2016 12:19	1	TAL EDI	MZS
A:8260C	460-110867-A-31		460-359095		03/28/2016 12:19	1	TAL EDI	MZS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-110867-1

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:5030C	MB 460-358833/7		460-358833		03/26/2016 09:22	1	TAL EDI	SZD
A:8260C	MB 460-358833/7		460-358833		03/26/2016 09:22	1	TAL EDI	SZD
P:5030C	MB 460-359095/7		460-359095		03/28/2016 11:12	1	TAL EDI	MZS
A:8260C	MB 460-359095/7		460-359095		03/28/2016 11:12	1	TAL EDI	MZS
P:5030C	MB 460-359204/7		460-359204		03/28/2016 22:44	1	TAL EDI	MZS
A:8260C	MB 460-359204/7		460-359204		03/28/2016 22:44	1	TAL EDI	MZS

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:5030C	LCS 460-358833/3		460-358833		03/26/2016 07:39	1	TAL EDI	SZD
A:8260C	LCS 460-358833/3		460-358833		03/26/2016 07:39	1	TAL EDI	SZD
P:5030C	LCS 460-359095/4		460-359095		03/28/2016 10:06	1	TAL EDI	MZS
A:8260C	LCS 460-359095/4		460-359095		03/28/2016 10:06	1	TAL EDI	MZS
P:5030C	LCS 460-359204/3		460-359204		03/28/2016 21:10	1	TAL EDI	MZS
A:8260C	LCS 460-359204/3		460-359204		03/28/2016 21:10	1	TAL EDI	MZS

Lab ID: MS

Client ID: N/A

Sample Date/Time: 03/27/2016 11:45

Received Date/Time: 03/28/2016 13:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-111146-B-2 MS		460-359204		03/29/2016 01:17	10	TAL EDI	MZS
A:8260C	460-111146-B-2 MS		460-359204		03/29/2016 01:17	10	TAL EDI	MZS

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 03/27/2016 11:45

Received Date/Time: 03/28/2016 13:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-111146-B-2 MSD		460-359204		03/29/2016 01:39	10	TAL EDI	MZS
A:8260C	460-111146-B-2 MSD		460-359204		03/29/2016 01:39	10	TAL EDI	MZS

Lab References:

TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
BP3A-CP-00-031716	460-110867-1	102	104	102	101
BP3B-CP-00-031716	460-110867-2	101	103	100	98
BP3C-CP-00-031716	460-110867-3	101	103	99	99
DW1-CP-00-031716	460-110867-4	77	75	77	75
DW2-CP-00-031716	460-110867-5	100	98	101	100
EW01A-CP-00-031716	460-110867-6	101	98	100	99
EW01A-CP-01-031716	460-110867-7	101	100	101	101
EW01B-CP-00-031716	460-110867-8	100	99	98	100
EW01C-CP-00-031716	460-110867-9	102	100	99	100
EW02A-CP-00-031716	460-110867-10	99	95	100	99
EW02B-CP-00-031716	460-110867-11	99	97	100	98
EW02C-CP-00-031716	460-110867-12	103	104	101	99
EW02D-CP-00-031716	460-110867-13	102	103	101	98
EW04A-CP-00-031716	460-110867-14	103	104	100	100
EW04B-CP-00-031716	460-110867-15	102	104	99	97
EW04C-CP-00-031716	460-110867-16	104	104	102	100
EW04D-CP-00-031716	460-110867-17	103	105	99	98
EW05-CP-00-031716	460-110867-18	102	105	99	99
EW07C-CP-00-031716	460-110867-19	103	105	98	99
EW07D-CP-00-031716	460-110867-20	103	105	100	99
EW11D-CP-00-031716	460-110867-21	104	106	99	99
EW12D-CP-00-031716	460-110867-22	101	105	100	99
EW14D-CP-00-031716	460-110867-23	102	105	99	98
MW08A-CP-00-031716	460-110867-24	78	76	75	75
MW08B-CP-00-031716	460-110867-25	101	99	100	100
MW08C-CP-00-031716	460-110867-26	78	76	75	75
MW10D-CP-00-031716	460-110867-27	103	105	100	99
SW1-CP-00-031716	460-110867-28	102	100	99	99
WT01-CP-00-031716	460-110867-29	96	97	93	95
WT01-CP-01-031716	460-110867-30	102	102	98	100
xTB01-CP-QC-031716	460-110867-31	96	94	97	96
	MB 460-358833/7	100	102	101	100
	MB 460-359095/7	98	98	100	99
	MB 460-359204/7	102	101	99	99
	LCS 460-358833/3	100	99	101	102

QC LIMITS

DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene	70-131

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	LCS 460-359095/4	97	93	99	99
	LCS 460-359204/3	100	101	100	103
BP3A-CP-00-031716 MS	460-110867-1 MS	101	104	99	101
EW02A-CP-00-031716 MS	460-110867-10 MS	99	97	100	101
	460-111146-B-2 MS	101	102	99	101
BP3A-CP-00-031716 MSD	460-110867-1 MSD	100	101	99	102
EW02A-CP-00-031716 MSD	460-110867-10 MSD	101	99	99	103
	460-111146-B-2 MSD	77	77	76	77

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene	70-131

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19582.D
 Lab ID: LCS 460-358833/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	22.5	113	45-150	
Bromomethane	20.0	22.5	112	10-150	
Vinyl chloride	20.0	21.8	109	53-142	
Chloroethane	20.0	22.0	110	40-150	
Methylene Chloride	20.0	20.8	104	80-126	
Acetone	100	87.4	87	19-150	
Carbon disulfide	20.0	19.5	97	69-131	
Trichlorofluoromethane	20.0	21.4	107	50-150	
1,1-Dichloroethene	20.0	20.6	103	67-133	
1,1-Dichloroethane	20.0	20.1	101	77-129	
trans-1,2-Dichloroethene	20.0	20.5	102	78-127	
cis-1,2-Dichloroethene	20.0	19.7	98	82-127	
Chloroform	20.0	20.7	103	81-127	
1,2-Dichloroethane	20.0	20.4	102	73-131	
2-Butanone	100	94.3	94	56-150	
1,1,1-Trichloroethane	20.0	20.2	101	76-131	
Carbon tetrachloride	20.0	19.0	95	71-138	
Bromodichloromethane	20.0	19.9	100	78-127	
1,2-Dichloropropane	20.0	20.1	101	75-129	
cis-1,3-Dichloropropene	20.0	21.7	108	72-125	
Trichloroethene	20.0	19.6	98	77-127	
Dibromochloromethane	20.0	20.7	103	78-120	
1,1,2-Trichloroethane	20.0	20.5	103	77-122	
Benzene	20.0	20.0	100	76-125	
trans-1,3-Dichloropropene	20.0	21.8	109	69-125	
Bromoform	20.0	20.4	102	65-124	
4-Methyl-2-pentanone (MIBK)	100	103	103	77-130	
2-Hexanone	100	102	102	64-150	
Tetrachloroethene	20.0	20.9	105	71-132	
1,1,2,2-Tetrachloroethane	20.0	19.7	98	65-128	
Toluene	20.0	19.9	100	80-120	
Chlorobenzene	20.0	20.0	100	80-120	
Ethylbenzene	20.0	20.5	103	80-120	
Styrene	20.0	21.1	105	75-124	
m&p-Xylene	20.0	21.0	105	80-121	
o-Xylene	20.0	20.4	102	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	20.3	101	53-149	
TBA	200	208	104	68-141	
Methyl tert-butyl ether	20.0	20.4	102	78-129	
Cyclohexane	20.0	21.3	106	51-147	
1,2-Dibromoethane	20.0	20.4	102	80-120	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19582.D
 Lab ID: LCS 460-358833/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,3-Dichlorobenzene	20.0	20.3	102	80-120	
1,4-Dichlorobenzene	20.0	20.3	102	79-120	
1,2-Dichlorobenzene	20.0	20.1	100	80-121	
Dichlorodifluoromethane	20.0	18.2	91	32-150	
1,2,4-Trichlorobenzene	20.0	20.3	101	66-137	
1,4-Dioxane	400	444	111	65-150	
1,2,3-Trichlorobenzene	20.0	20.8	104	64-142	
1,2-Dibromo-3-Chloropropane	20.0	20.1	100	55-133	
Bromochloromethane	20.0	20.6	103	71-137	
Isopropylbenzene	20.0	20.7	103	80-127	
Methyl acetate	100	103	103	63-150	
Methylcyclohexane	20.0	16.8	84	52-142	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19638.D
 Lab ID: LCS 460-359095/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	21.0	105	45-150	
Bromomethane	20.0	21.8	109	10-150	
Vinyl chloride	20.0	21.5	107	53-142	
Chloroethane	20.0	21.4	107	40-150	
Methylene Chloride	20.0	20.9	105	80-126	
Acetone	100	45.4	45	19-150	
Carbon disulfide	20.0	20.6	103	69-131	
Trichlorofluoromethane	20.0	21.8	109	50-150	
1,1-Dichloroethene	20.0	21.5	108	67-133	
1,1-Dichloroethane	20.0	19.9	100	77-129	
trans-1,2-Dichloroethene	20.0	20.8	104	78-127	
cis-1,2-Dichloroethene	20.0	20.4	102	82-127	
Chloroform	20.0	20.7	103	81-127	
1,2-Dichloroethane	20.0	19.6	98	73-131	
2-Butanone	100	98.2	98	56-150	
1,1,1-Trichloroethane	20.0	20.2	101	76-131	
Carbon tetrachloride	20.0	20.2	101	71-138	
Bromodichloromethane	20.0	19.5	97	78-127	
1,2-Dichloropropane	20.0	19.3	97	75-129	
cis-1,3-Dichloropropene	20.0	21.4	107	72-125	
Trichloroethene	20.0	19.7	98	77-127	
Dibromochloromethane	20.0	20.4	102	78-120	
1,1,2-Trichloroethane	20.0	19.7	99	77-122	
Benzene	20.0	20.5	102	76-125	
trans-1,3-Dichloropropene	20.0	21.0	105	69-125	
Bromoform	20.0	20.8	104	65-124	
4-Methyl-2-pentanone (MIBK)	100	105	105	77-130	
2-Hexanone	100	103	103	64-150	
Tetrachloroethene	20.0	20.9	105	71-132	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	65-128	
Toluene	20.0	19.9	99	80-120	
Chlorobenzene	20.0	19.9	100	80-120	
Ethylbenzene	20.0	20.5	102	80-120	
Styrene	20.0	20.9	105	75-124	
m&p-Xylene	20.0	20.8	104	80-121	
o-Xylene	20.0	20.7	104	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	20.6	103	53-149	
TBA	200	195	98	68-141	
Methyl tert-butyl ether	20.0	20.5	102	78-129	
Cyclohexane	20.0	22.1	111	51-147	
1,2-Dibromoethane	20.0	19.8	99	80-120	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19638.D
 Lab ID: LCS 460-359095/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,3-Dichlorobenzene	20.0	20.7	103	80-120	
1,4-Dichlorobenzene	20.0	20.7	104	79-120	
1,2-Dichlorobenzene	20.0	20.3	102	80-121	
Dichlorodifluoromethane	20.0	17.3	87	32-150	
1,2,4-Trichlorobenzene	20.0	21.3	106	66-137	
1,4-Dioxane	400	521	130	65-150	
1,2,3-Trichlorobenzene	20.0	22.3	112	64-142	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	55-133	
Bromochloromethane	20.0	20.9	105	71-137	
Isopropylbenzene	20.0	20.9	105	80-127	
Methyl acetate	100	96.8	97	63-150	
Methylcyclohexane	20.0	17.0	85	52-142	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19668.D
 Lab ID: LCS 460-359204/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.9	100	45-150	
Bromomethane	20.0	19.8	99	10-150	
Vinyl chloride	20.0	20.6	103	53-142	
Chloroethane	20.0	20.0	100	40-150	
Methylene Chloride	20.0	19.3	96	80-126	
Acetone	100	87.2	87	19-150	
Carbon disulfide	20.0	20.3	101	69-131	
Trichlorofluoromethane	20.0	22.3	112	50-150	
1,1-Dichloroethene	20.0	19.6	98	67-133	
1,1-Dichloroethane	20.0	18.7	94	77-129	
trans-1,2-Dichloroethene	20.0	19.9	99	78-127	
cis-1,2-Dichloroethene	20.0	19.0	95	82-127	
Chloroform	20.0	19.9	99	81-127	
1,2-Dichloroethane	20.0	19.2	96	73-131	
2-Butanone	100	87.7	88	56-150	
1,1,1-Trichloroethane	20.0	19.4	97	76-131	
Carbon tetrachloride	20.0	20.2	101	71-138	
Bromodichloromethane	20.0	18.6	93	78-127	
1,2-Dichloropropane	20.0	18.3	91	75-129	
cis-1,3-Dichloropropene	20.0	19.7	99	72-125	
Trichloroethene	20.0	18.8	94	77-127	
Dibromochloromethane	20.0	18.8	94	78-120	
1,1,2-Trichloroethane	20.0	19.1	95	77-122	
Benzene	20.0	18.6	93	76-125	
trans-1,3-Dichloropropene	20.0	19.0	95	69-125	
Bromoform	20.0	19.3	97	65-124	
4-Methyl-2-pentanone (MIBK)	100	98.7	99	77-130	
2-Hexanone	100	94.2	94	64-150	
Tetrachloroethene	20.0	19.7	98	71-132	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	65-128	
Toluene	20.0	18.5	93	80-120	
Chlorobenzene	20.0	18.5	93	80-120	
Ethylbenzene	20.0	19.0	95	80-120	
Styrene	20.0	19.5	97	75-124	
m&p-Xylene	20.0	19.7	98	80-121	
o-Xylene	20.0	19.4	97	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	23.7	118	53-149	
TBA	200	199	99	68-141	
Methyl tert-butyl ether	20.0	19.2	96	78-129	
Cyclohexane	20.0	24.6	123	51-147	
1,2-Dibromoethane	20.0	18.2	91	80-120	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19668.D
 Lab ID: LCS 460-359204/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,3-Dichlorobenzene	20.0	19.5	97	80-120	
1,4-Dichlorobenzene	20.0	19.2	96	79-120	
1,2-Dichlorobenzene	20.0	19.1	95	80-121	
Dichlorodifluoromethane	20.0	21.6	108	32-150	
1,2,4-Trichlorobenzene	20.0	19.7	99	66-137	
1,4-Dioxane	400	556	139	65-150	
1,2,3-Trichlorobenzene	20.0	21.4	107	64-142	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	55-133	
Bromochloromethane	20.0	19.2	96	71-137	
Isopropylbenzene	20.0	19.5	97	80-127	
Methyl acetate	100	101	101	63-150	
Methylcyclohexane	20.0	20.1	100	52-142	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A19607.D
Lab ID: 460-110867-1 MS Client ID: BP3A-CP-00-031716 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	1.0 U	227	114	45-150	
Bromomethane	200	1.0 U	220	110	10-150	
Vinyl chloride	200	1.0 U	217	109	53-142	
Chloroethane	200	1.0 U	220	110	40-150	
Methylene Chloride	200	1.0 U	200	100	80-126	
Acetone	1000	19	774	76	19-150	
Carbon disulfide	200	1.0 U	163	81	69-131	
Trichlorofluoromethane	200	1.0 U	192	96	50-150	
1,1-Dichloroethene	200	1.0 U	192	96	67-133	
1,1-Dichloroethane	200	1.0 U	192	96	77-129	
trans-1,2-Dichloroethene	200	1.0 U	195	98	78-127	
cis-1,2-Dichloroethene	200	1.0 U	192	96	82-127	
Chloroform	200	0.78 J	201	100	81-127	
1,2-Dichloroethane	200	1.0 U	195	98	73-131	
2-Butanone	1000	5.0 U	885	88	56-150	
1,1,1-Trichloroethane	200	1.0 U	202	101	76-131	
Carbon tetrachloride	200	1.0 U	192	96	71-138	
Bromodichloromethane	200	1.0 U	185	93	78-127	
1,2-Dichloropropane	200	1.0 U	185	93	75-129	
cis-1,3-Dichloropropene	200	1.0 U	183	91	72-125	
Trichloroethene	200	1.0 U	187	94	77-127	
Dibromochloromethane	200	1.0 U	175	88	78-120	
1,1,2-Trichloroethane	200	1.0 U	187	94	77-122	
Benzene	200	1.0 U	186	93	76-125	
trans-1,3-Dichloropropene	200	1.0 U	183	92	69-125	
Bromoform	200	1.0 U	176	88	65-124	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	978	98	77-130	
2-Hexanone	1000	5.0 U	956	96	64-150	
Tetrachloroethene	200	1.0 U	191	95	71-132	
1,1,2,2-Tetrachloroethane	200	1.0 U	180	90	65-128	
Toluene	200	1.0 U	185	93	80-120	
Chlorobenzene	200	1.0 U	188	94	80-120	
Ethylbenzene	200	1.0 U	192	96	80-120	
Styrene	200	1.0 U	196	98	75-124	
m&p-Xylene	200	1.0 U	193	96	80-121	
o-Xylene	200	1.0 U	192	96	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	1.0 U	154	77	53-149	
TBA	2000	10 U	838	42	68-141	*
Methyl tert-butyl ether	200	1.0 U	193	97	78-129	
Cyclohexane	200	0.32 J	177	88	51-147	
1,2-Dibromoethane	200	1.0 U	182	91	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19607.D
 Lab ID: 460-110867-1 MS Client ID: BP3A-CP-00-031716 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,3-Dichlorobenzene	200	1.0 U	186	93	80-120	
1,4-Dichlorobenzene	200	1.0 U	184	92	79-120	
1,2-Dichlorobenzene	200	1.0 U	181	91	80-121	
Dichlorodifluoromethane	200	1.0 U	121	60	32-150	
1,2,4-Trichlorobenzene	200	1.0 U	166	83	66-137	
1,4-Dioxane	4000	50 U	4260	107	65-150	
1,2,3-Trichlorobenzene	200	1.0 U	162	81	64-142	
1,2-Dibromo-3-Chloropropane	200	1.0 U	181	91	55-133	
Bromochloromethane	200	1.0 U	200	100	71-137	
Isopropylbenzene	200	1.0 U	192	96	80-127	
Methyl acetate	1000	5.0 U	1000	100	63-150	
Methylcyclohexane	200	1.0 U	132	66	52-142	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19660.D
 Lab ID: 460-110867-10 MS Client ID: EW02A-CP-00-031716 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	1.0 U	221	110	45-150	
Bromomethane	200	1.0 U	222	111	10-150	
Vinyl chloride	200	1.0 U	215	107	53-142	
Chloroethane	200	1.0 U	215	108	40-150	
Methylene Chloride	200	1.0 U	200	100	80-126	
Acetone	1000	38	772	73	19-150	
Carbon disulfide	200	1.0 U	181	91	69-131	
Trichlorofluoromethane	200	1.0 U	202	101	50-150	
1,1-Dichloroethene	200	1.0 U	195	97	67-133	
1,1-Dichloroethane	200	1.0 U	195	98	77-129	
trans-1,2-Dichloroethene	200	1.0 U	198	99	78-127	
cis-1,2-Dichloroethene	200	1.0 U	196	98	82-127	
Chloroform	200	1.0 U	202	101	81-127	
1,2-Dichloroethane	200	1.0 U	199	99	73-131	
2-Butanone	1000	5.0 U	907	91	56-150	
1,1,1-Trichloroethane	200	1.0 U	197	98	76-131	
Carbon tetrachloride	200	1.0 U	191	96	71-138	
Bromodichloromethane	200	1.0 U	190	95	78-127	
1,2-Dichloropropane	200	1.0 U	189	95	75-129	
cis-1,3-Dichloropropene	200	1.0 U	196	98	72-125	
Trichloroethene	200	0.30 J	191	95	77-127	
Dibromochloromethane	200	1.0 U	193	97	78-120	
1,1,2-Trichloroethane	200	1.0 U	197	98	77-122	
Benzene	200	1.0 U	195	97	76-125	
trans-1,3-Dichloropropene	200	1.0 U	195	98	69-125	
Bromoform	200	1.0 U	193	97	65-124	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	1020	102	77-130	
2-Hexanone	1000	5.0 U	965	97	64-150	
Tetrachloroethene	200	1.0 U	198	99	71-132	
1,1,2,2-Tetrachloroethane	200	1.0 U	188	94	65-128	
Toluene	200	0.41 J	192	96	80-120	
Chlorobenzene	200	1.0 U	193	97	80-120	
Ethylbenzene	200	1.0 U	200	100	80-120	
Styrene	200	1.0 U	201	101	75-124	
m&p-Xylene	200	1.0 U	212	106	80-121	
o-Xylene	200	1.0 U	203	102	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	1.0 U	168	84	53-149	
TBA	2000	10 U	2090	105	68-141	
Methyl tert-butyl ether	200	1.0 U	194	97	78-129	
Cyclohexane	200	0.39 J	192	96	51-147	
1,2-Dibromoethane	200	1.0 U	188	94	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19660.D
 Lab ID: 460-110867-10 MS Client ID: EW02A-CP-00-031716 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,3-Dichlorobenzene	200	1.0 U	194	97	80-120	
1,4-Dichlorobenzene	200	1.0 U	191	96	79-120	
1,2-Dichlorobenzene	200	1.0 U	185	93	80-121	
Dichlorodifluoromethane	200	1.0 U	148	74	32-150	
1,2,4-Trichlorobenzene	200	1.0 U	165	83	66-137	
1,4-Dioxane	4000	50 U	4500	112	65-150	
1,2,3-Trichlorobenzene	200	1.0 U	165	82	64-142	
1,2-Dibromo-3-Chloropropane	200	1.0 U	179	90	55-133	
Bromochloromethane	200	1.0 U	201	100	71-137	
Isopropylbenzene	200	1.0 U	198	99	80-127	
Methyl acetate	1000	5.0 U	927	93	63-150	
Methylcyclohexane	200	1.0 U	143	72	52-142	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A19679.D
Lab ID: 460-111146-B-2 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	1.0 U	194	97	45-150	
Bromomethane	200	1.0 U	190	95	10-150	
Vinyl chloride	200	1.0 U	193	97	53-142	
Chloroethane	200	1.0 U	184	92	40-150	
Methylene Chloride	200	1.0 U	192	96	80-126	
Acetone	1000	5.0 U	783	78	19-150	
Carbon disulfide	200	1.0 U	163	82	69-131	
Trichlorofluoromethane	200	1.0 U	210	105	50-150	
1,1-Dichloroethene	200	1.0 U	184	92	67-133	
1,1-Dichloroethane	200	1.0 U	186	93	77-129	
trans-1,2-Dichloroethene	200	1.0 U	186	93	78-127	
cis-1,2-Dichloroethene	200	1.0 U	183	92	82-127	
Chloroform	200	1.0 U	194	97	81-127	
1,2-Dichloroethane	200	1.0 U	191	95	73-131	
2-Butanone	1000	5.0 U	838	84	56-150	
1,1,1-Trichloroethane	200	1.0 U	186	93	76-131	
Carbon tetrachloride	200	1.0 U	182	91	71-138	
Bromodichloromethane	200	1.0 U	174	87	78-127	
1,2-Dichloropropane	200	1.0 U	178	89	75-129	
cis-1,3-Dichloropropene	200	1.0 U	177	88	72-125	
Trichloroethene	200	0.23 J	178	89	77-127	
Dibromochloromethane	200	1.0 U	165	82	78-120	
1,1,2-Trichloroethane	200	1.0 U	172	86	77-122	
Benzene	200	1.0 U	177	89	76-125	
trans-1,3-Dichloropropene	200	1.0 U	174	87	69-125	
Bromoform	200	1.0 U	164	82	65-124	
4-Methyl-2-pentanone (MIBK)	1000	5.0 U	911	91	77-130	
2-Hexanone	1000	5.0 U	880	88	64-150	
Tetrachloroethene	200	1.0 U	184	92	71-132	
1,1,2,2-Tetrachloroethane	200	1.0 U	171	86	65-128	
Toluene	200	1.0 U	175	88	80-120	
Chlorobenzene	200	1.0 U	177	88	80-120	
Ethylbenzene	200	1.0 U	182	91	80-120	
Styrene	200	1.0 U	185	92	75-124	
m&p-Xylene	200	1.0 U	183	92	80-121	
o-Xylene	200	1.0 U	184	92	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	1.0 U	212	106	53-149	
TBA	2000	10 U	2030	101	68-141	
Methyl tert-butyl ether	200	1.0 U	185	92	78-129	
Cyclohexane	200	1.0 U	228	114	51-147	
1,2-Dibromoethane	200	1.0 U	173	87	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19679.D
 Lab ID: 460-111146-B-2 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,3-Dichlorobenzene	200	1.0 U	179	90	80-120	
1,4-Dichlorobenzene	200	1.0 U	178	89	79-120	
1,2-Dichlorobenzene	200	1.0 U	176	88	80-121	
Dichlorodifluoromethane	200	1.0 U	197	99	32-150	
1,2,4-Trichlorobenzene	200	1.0 U	160	80	66-137	
1,4-Dioxane	4000	50 U	4270	107	65-150	
1,2,3-Trichlorobenzene	200	1.0 U	160	80	64-142	
1,2-Dibromo-3-Chloropropane	200	1.0 U	176	88	55-133	
Bromochloromethane	200	1.0 U	188	94	71-137	
Isopropylbenzene	200	1.0 U	185	93	80-127	
Methyl acetate	1000	5.0 U	989	99	63-150	
Methylcyclohexane	200	1.0 U	179	90	52-142	

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.: 460-110867-1

SDG No.: _____

Matrix: Water

Level: Low

Lab File ID: A19608.D

Lab ID: 460-110867-1 MSD

Client ID: BP3A-CP-00-031716 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	200	216	108	5	30	45-150	
Bromomethane	200	208	104	5	30	10-150	
Vinyl chloride	200	207	103	5	30	53-142	
Chloroethane	200	207	104	6	30	40-150	
Methylene Chloride	200	191	95	5	30	80-126	
Acetone	1000	775	76	0	30	19-150	
Carbon disulfide	200	158	79	3	30	69-131	
Trichlorofluoromethane	200	175	87	9	30	50-150	
1,1-Dichloroethene	200	186	93	3	30	67-133	
1,1-Dichloroethane	200	183	92	5	30	77-129	
trans-1,2-Dichloroethene	200	185	92	6	30	78-127	
cis-1,2-Dichloroethene	200	184	92	4	30	82-127	
Chloroform	200	193	96	4	30	81-127	
1,2-Dichloroethane	200	193	96	1	30	73-131	
2-Butanone	1000	884	88	0	30	56-150	
1,1,1-Trichloroethane	200	194	97	4	30	76-131	
Carbon tetrachloride	200	181	91	6	30	71-138	
Bromodichloromethane	200	183	92	1	30	78-127	
1,2-Dichloropropane	200	180	90	3	30	75-129	
cis-1,3-Dichloropropene	200	180	90	2	30	72-125	
Trichloroethene	200	180	90	4	30	77-127	
Dibromochloromethane	200	178	89	1	30	78-120	
1,1,2-Trichloroethane	200	179	90	4	30	77-122	
Benzene	200	179	90	4	30	76-125	
trans-1,3-Dichloropropene	200	177	89	3	30	69-125	
Bromoform	200	177	89	1	30	65-124	
4-Methyl-2-pentanone (MIBK)	1000	964	96	1	30	77-130	
2-Hexanone	1000	932	93	3	30	64-150	
Tetrachloroethene	200	181	90	5	30	71-132	
1,1,2,2-Tetrachloroethane	200	178	89	1	30	65-128	
Toluene	200	179	90	3	30	80-120	
Chlorobenzene	200	181	91	4	30	80-120	
Ethylbenzene	200	185	93	3	30	80-120	
Styrene	200	186	93	6	30	75-124	
m&p-Xylene	200	186	93	4	30	80-121	
o-Xylene	200	185	93	4	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	135	68	13	30	53-149	
TBA	2000	1710	86	68	30	68-141	*
Methyl tert-butyl ether	200	189	95	2	30	78-129	
Cyclohexane	200	159	79	10	30	51-147	
1,2-Dibromoethane	200	176	88	3	30	80-120	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19608.D
 Lab ID: 460-110867-1 MSD Client ID: BP3A-CP-00-031716 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,3-Dichlorobenzene	200	182	91	2	30	80-120	
1,4-Dichlorobenzene	200	180	90	3	30	79-120	
1,2-Dichlorobenzene	200	181	90	0	30	80-121	
Dichlorodifluoromethane	200	105	52	14	30	32-150	
1,2,4-Trichlorobenzene	200	169	85	2	30	66-137	
1,4-Dioxane	4000	5030	126	16	30	65-150	
1,2,3-Trichlorobenzene	200	186	93	14	30	64-142	
1,2-Dibromo-3-Chloropropane	200	185	92	2	30	55-133	
Bromochloromethane	200	187	94	7	30	71-137	
Isopropylbenzene	200	184	92	4	30	80-127	
Methyl acetate	1000	947	95	6	30	63-150	
Methylcyclohexane	200	120	60	10	30	52-142	

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.: 460-110867-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A19661.D
Lab ID: 460-110867-10 MSD Client ID: EW02A-CP-00-031716 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	200	224	112	1	30	45-150	
Bromomethane	200	215	108	3	30	10-150	
Vinyl chloride	200	215	108	0	30	53-142	
Chloroethane	200	217	109	1	30	40-150	
Methylene Chloride	200	200	100	0	30	80-126	
Acetone	1000	798	76	3	30	19-150	
Carbon disulfide	200	173	86	5	30	69-131	
Trichlorofluoromethane	200	205	103	2	30	50-150	
1,1-Dichloroethene	200	196	98	1	30	67-133	
1,1-Dichloroethane	200	194	97	1	30	77-129	
trans-1,2-Dichloroethene	200	195	97	1	30	78-127	
cis-1,2-Dichloroethene	200	195	97	1	30	82-127	
Chloroform	200	196	98	3	30	81-127	
1,2-Dichloroethane	200	193	96	3	30	73-131	
2-Butanone	1000	875	88	4	30	56-150	
1,1,1-Trichloroethane	200	199	99	1	30	76-131	
Carbon tetrachloride	200	194	97	1	30	71-138	
Bromodichloromethane	200	186	93	2	30	78-127	
1,2-Dichloropropane	200	186	93	2	30	75-129	
cis-1,3-Dichloropropene	200	184	92	6	30	72-125	
Trichloroethene	200	179	89	7	30	77-127	
Dibromochloromethane	200	181	90	7	30	78-120	
1,1,2-Trichloroethane	200	181	90	9	30	77-122	
Benzene	200	185	93	5	30	76-125	
trans-1,3-Dichloropropene	200	182	91	7	30	69-125	
Bromoform	200	186	93	4	30	65-124	
4-Methyl-2-pentanone (MIBK)	1000	1010	101	1	30	77-130	
2-Hexanone	1000	957	96	1	30	64-150	
Tetrachloroethene	200	185	93	7	30	71-132	
1,1,2,2-Tetrachloroethane	200	179	90	5	30	65-128	
Toluene	200	184	92	5	30	80-120	
Chlorobenzene	200	186	93	4	30	80-120	
Ethylbenzene	200	193	96	4	30	80-120	
Styrene	200	193	97	4	30	75-124	
m&p-Xylene	200	200	100	6	30	80-121	
o-Xylene	200	198	99	3	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	174	87	3	30	53-149	
TBA	2000	1850	93	12	30	68-141	
Methyl tert-butyl ether	200	198	99	2	30	78-129	
Cyclohexane	200	196	98	2	30	51-147	
1,2-Dibromoethane	200	184	92	2	30	80-120	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19661.D
 Lab ID: 460-110867-10 MSD Client ID: EW02A-CP-00-031716 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,3-Dichlorobenzene	200	186	93	4	30	80-120	
1,4-Dichlorobenzene	200	186	93	3	30	79-120	
1,2-Dichlorobenzene	200	186	93	1	30	80-121	
Dichlorodifluoromethane	200	147	73	0	30	32-150	
1,2,4-Trichlorobenzene	200	182	91	10	30	66-137	
1,4-Dioxane	4000	4550	114	1	30	65-150	
1,2,3-Trichlorobenzene	200	196	98	18	30	64-142	
1,2-Dibromo-3-Chloropropane	200	190	95	5	30	55-133	
Bromochloromethane	200	195	97	3	30	71-137	
Isopropylbenzene	200	196	98	1	30	80-127	
Methyl acetate	1000	959	96	3	30	63-150	
Methylcyclohexane	200	145	72	1	30	52-142	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19680.D
 Lab ID: 460-111146-B-2 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	200	190	95	2	30	45-150	
Bromomethane	200	185	93	2	30	10-150	
Vinyl chloride	200	191	95	1	30	53-142	
Chloroethane	200	185	92	1	30	40-150	
Methylene Chloride	200	185	93	4	30	80-126	
Acetone	1000	799	80	2	30	19-150	
Carbon disulfide	200	167	83	2	30	69-131	
Trichlorofluoromethane	200	209	104	0	30	50-150	
1,1-Dichloroethene	200	186	93	1	30	67-133	
1,1-Dichloroethane	200	184	92	1	30	77-129	
trans-1,2-Dichloroethene	200	188	94	2	30	78-127	
cis-1,2-Dichloroethene	200	183	92	0	30	82-127	
Chloroform	200	192	96	1	30	81-127	
1,2-Dichloroethane	200	190	95	0	30	73-131	
2-Butanone	1000	887	89	6	30	56-150	
1,1,1-Trichloroethane	200	187	94	1	30	76-131	
Carbon tetrachloride	200	183	92	1	30	71-138	
Bromodichloromethane	200	176	88	1	30	78-127	
1,2-Dichloropropane	200	175	88	1	30	75-129	
cis-1,3-Dichloropropene	200	183	92	4	30	72-125	
Trichloroethene	200	175	88	1	30	77-127	
Dibromochloromethane	200	173	87	5	30	78-120	
1,1,2-Trichloroethane	200	179	89	4	30	77-122	
Benzene	200	182	91	3	30	76-125	
trans-1,3-Dichloropropene	200	181	91	4	30	69-125	
Bromoform	200	173	87	6	30	65-124	
4-Methyl-2-pentanone (MIBK)	1000	928	93	2	30	77-130	
2-Hexanone	1000	890	89	1	30	64-150	
Tetrachloroethene	200	190	95	3	30	71-132	
1,1,2,2-Tetrachloroethane	200	176	88	3	30	65-128	
Toluene	200	177	88	1	30	80-120	
Chlorobenzene	200	180	90	2	30	80-120	
Ethylbenzene	200	187	94	3	30	80-120	
Styrene	200	185	92	0	30	75-124	
m&p-Xylene	200	186	93	2	30	80-121	
o-Xylene	200	187	93	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	200	211	106	0	30	53-149	
TBA	2000	1900	95	6	30	68-141	
Methyl tert-butyl ether	200	187	94	2	30	78-129	
Cyclohexane	200	226	113	1	30	51-147	
1,2-Dibromoethane	200	180	90	4	30	80-120	

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.: 460-110867-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A19680.D
 Lab ID: 460-111146-B-2 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,3-Dichlorobenzene	200	181	91	1	30	80-120	
1,4-Dichlorobenzene	200	179	89	0	30	79-120	
1,2-Dichlorobenzene	200	179	89	2	30	80-121	
Dichlorodifluoromethane	200	200	100	1	30	32-150	
1,2,4-Trichlorobenzene	200	177	88	10	30	66-137	
1,4-Dioxane	4000	4130	103	3	30	65-150	
1,2,3-Trichlorobenzene	200	193	96	19	30	64-142	
1,2-Dibromo-3-Chloropropane	200	188	94	7	30	55-133	
Bromochloromethane	200	193	97	3	30	71-137	
Isopropylbenzene	200	183	92	1	30	80-127	
Methyl acetate	1000	1010	101	2	30	63-150	
Methylcyclohexane	200	178	89	1	30	52-142	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Lab File ID: A19586.D Lab Sample ID: MB 460-358833/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS1 Date Analyzed: 03/26/2016 09:22
 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 460-358833/3	A19582.D	03/26/2016 07:39
BP3A-CP-00-031716	460-110867-1	A19589.D	03/26/2016 10:39
BP3B-CP-00-031716	460-110867-2	A19590.D	03/26/2016 11:01
BP3C-CP-00-031716	460-110867-3	A19591.D	03/26/2016 11:22
EW02C-CP-00-031716	460-110867-12	A19594.D	03/26/2016 12:28
EW02D-CP-00-031716	460-110867-13	A19595.D	03/26/2016 12:49
EW04A-CP-00-031716	460-110867-14	A19596.D	03/26/2016 13:10
EW04B-CP-00-031716	460-110867-15	A19597.D	03/26/2016 13:32
EW04C-CP-00-031716	460-110867-16	A19598.D	03/26/2016 13:54
EW04D-CP-00-031716	460-110867-17	A19599.D	03/26/2016 14:16
EW05-CP-00-031716	460-110867-18	A19600.D	03/26/2016 14:38
EW07C-CP-00-031716	460-110867-19	A19601.D	03/26/2016 14:59
EW07D-CP-00-031716	460-110867-20	A19602.D	03/26/2016 15:20
EW11D-CP-00-031716	460-110867-21	A19603.D	03/26/2016 15:42
EW12D-CP-00-031716	460-110867-22	A19604.D	03/26/2016 16:04
EW14D-CP-00-031716	460-110867-23	A19605.D	03/26/2016 16:25
MW10D-CP-00-031716	460-110867-27	A19606.D	03/26/2016 16:47
BP3A-CP-00-031716 MS	460-110867-1 MS	A19607.D	03/26/2016 17:09
BP3A-CP-00-031716 MSD	460-110867-1 MSD	A19608.D	03/26/2016 17:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Lab File ID: A19641.D Lab Sample ID: MB 460-359095/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS1 Date Analyzed: 03/28/2016 11:12
 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 460-359095/4	A19638.D	03/28/2016 10:06
EW02A-CP-00-031716	460-110867-10	A19642.D	03/28/2016 11:36
EW02B-CP-00-031716	460-110867-11	A19643.D	03/28/2016 11:57
xTB01-CP-QC-031716	460-110867-31	A19644.D	03/28/2016 12:19
DW1-CP-00-031716	460-110867-4	A19645.D	03/28/2016 12:41
DW2-CP-00-031716	460-110867-5	A19646.D	03/28/2016 13:03
EW01A-CP-00-031716	460-110867-6	A19647.D	03/28/2016 13:24
EW01A-CP-01-031716	460-110867-7	A19648.D	03/28/2016 13:46
EW01B-CP-00-031716	460-110867-8	A19649.D	03/28/2016 14:08
EW01C-CP-00-031716	460-110867-9	A19650.D	03/28/2016 14:30
MW08A-CP-00-031716	460-110867-24	A19651.D	03/28/2016 14:51
MW08B-CP-00-031716	460-110867-25	A19652.D	03/28/2016 15:13
MW08C-CP-00-031716	460-110867-26	A19653.D	03/28/2016 15:35
SW1-CP-00-031716	460-110867-28	A19654.D	03/28/2016 15:56
WT01-CP-01-031716	460-110867-30	A19656.D	03/28/2016 16:40
EW02A-CP-00-031716 MS	460-110867-10 MS	A19660.D	03/28/2016 18:07
EW02A-CP-00-031716 MSD	460-110867-10 MSD	A19661.D	03/28/2016 18:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Lab File ID: A19672.D Lab Sample ID: MB 460-359204/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS1 Date Analyzed: 03/28/2016 22:44
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 460-359204/3	A19668.D	03/28/2016 21:10
	460-111146-B-2 MS	A19679.D	03/29/2016 01:17
	460-111146-B-2 MSD	A19680.D	03/29/2016 01:39
WT01-CP-00-031716	460-110867-29	A19683.D	03/29/2016 02:45

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Lab File ID: A19533.D BFB Injection Date: 03/25/2016
 Instrument ID: CVOAMS1 BFB Injection Time: 05:05
 Analysis Batch No.: 358573

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	26.0
75	30.0 - 60.0 % of mass 95	57.1
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	0.9 (1.4) 1
174	50.0 - 120.00 % of mass 95	63.0
175	5.0 - 9.0 % of mass 174	4.3 (6.9) 1
176	95.0 - 101.0 % of mass 174	60.5 (96.0) 1
177	5.0 - 9.0 % of mass 176	3.8 (6.2) 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
	STD7 460-358573/4	A19536.D	03/25/2016	06:15
	STD1 460-358573/6	A19538.D	03/25/2016	06:58
	STD5 460-358573/7	A19539.D	03/25/2016	07:20
	STD20 460-358573/8	A19540.D	03/25/2016	07:42
	STD50 460-358573/9	A19541.D	03/25/2016	08:04
	STD200 460-358573/10	A19542.D	03/25/2016	08:26
	STD500 460-358573/11	A19543.D	03/25/2016	08:48

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Lab File ID: A19580.D BFB Injection Date: 03/26/2016
Instrument ID: CVOAMS1 BFB Injection Time: 06:41
Analysis Batch No.: 358833

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	25.3
75	30.0 - 60.0 % of mass 95	56.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	61.8
175	5.0 - 9.0 % of mass 174	4.9 (7.9) 1
176	95.0 - 101.0 % of mass 174	59.1 (95.6) 1
177	5.0 - 9.0 % of mass 176	3.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-358833/2	A19581.D	03/26/2016	07:05
	LCS 460-358833/3	A19582.D	03/26/2016	07:39
	MB 460-358833/7	A19586.D	03/26/2016	09:22
BP3A-CP-00-031716	460-110867-1	A19589.D	03/26/2016	10:39
BP3B-CP-00-031716	460-110867-2	A19590.D	03/26/2016	11:01
BP3C-CP-00-031716	460-110867-3	A19591.D	03/26/2016	11:22
EW02C-CP-00-031716	460-110867-12	A19594.D	03/26/2016	12:28
EW02D-CP-00-031716	460-110867-13	A19595.D	03/26/2016	12:49
EW04A-CP-00-031716	460-110867-14	A19596.D	03/26/2016	13:10
EW04B-CP-00-031716	460-110867-15	A19597.D	03/26/2016	13:32
EW04C-CP-00-031716	460-110867-16	A19598.D	03/26/2016	13:54
EW04D-CP-00-031716	460-110867-17	A19599.D	03/26/2016	14:16
EW05-CP-00-031716	460-110867-18	A19600.D	03/26/2016	14:38
EW07C-CP-00-031716	460-110867-19	A19601.D	03/26/2016	14:59
EW07D-CP-00-031716	460-110867-20	A19602.D	03/26/2016	15:20
EW11D-CP-00-031716	460-110867-21	A19603.D	03/26/2016	15:42
EW12D-CP-00-031716	460-110867-22	A19604.D	03/26/2016	16:04
EW14D-CP-00-031716	460-110867-23	A19605.D	03/26/2016	16:25
MW10D-CP-00-031716	460-110867-27	A19606.D	03/26/2016	16:47
BP3A-CP-00-031716 MS	460-110867-1 MS	A19607.D	03/26/2016	17:09
BP3A-CP-00-031716 MSD	460-110867-1 MSD	A19608.D	03/26/2016	17:30

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Lab File ID: A19635.D BFB Injection Date: 03/28/2016
Instrument ID: CVOAMS1 BFB Injection Time: 07:51
Analysis Batch No.: 359095

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	26.4
75	30.0 - 60.0 % of mass 95	57.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.2 (0.4) 1
174	50.0 - 120.00 % of mass 95	61.3
175	5.0 - 9.0 % of mass 174	4.9 (8.0) 1
176	95.0 - 101.0 % of mass 174	58.3 (95.1) 1
177	5.0 - 9.0 % of mass 176	4.4 (7.6) 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 460-359095/3	A19637.D	03/28/2016	09:28
	LCS 460-359095/4	A19638.D	03/28/2016	10:06
	MB 460-359095/7	A19641.D	03/28/2016	11:12
EW02A-CP-00-031716	460-110867-10	A19642.D	03/28/2016	11:36
EW02B-CP-00-031716	460-110867-11	A19643.D	03/28/2016	11:57
xTB01-CP-QC-031716	460-110867-31	A19644.D	03/28/2016	12:19
DW1-CP-00-031716	460-110867-4	A19645.D	03/28/2016	12:41
DW2-CP-00-031716	460-110867-5	A19646.D	03/28/2016	13:03
EW01A-CP-00-031716	460-110867-6	A19647.D	03/28/2016	13:24
EW01A-CP-01-031716	460-110867-7	A19648.D	03/28/2016	13:46
EW01B-CP-00-031716	460-110867-8	A19649.D	03/28/2016	14:08
EW01C-CP-00-031716	460-110867-9	A19650.D	03/28/2016	14:30
MW08A-CP-00-031716	460-110867-24	A19651.D	03/28/2016	14:51
MW08B-CP-00-031716	460-110867-25	A19652.D	03/28/2016	15:13
MW08C-CP-00-031716	460-110867-26	A19653.D	03/28/2016	15:35
SW1-CP-00-031716	460-110867-28	A19654.D	03/28/2016	15:56
WT01-CP-01-031716	460-110867-30	A19656.D	03/28/2016	16:40
EW02A-CP-00-031716 MS	460-110867-10 MS	A19660.D	03/28/2016	18:07
EW02A-CP-00-031716 MSD	460-110867-10 MSD	A19661.D	03/28/2016	18:28

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Lab File ID: A19666.D BFB Injection Date: 03/28/2016
 Instrument ID: CVOAMS1 BFB Injection Time: 20:17
 Analysis Batch No.: 359204

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.0
75	30.0 - 60.0 % of mass 95	53.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	8.2
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	62.3
175	5.0 - 9.0 % of mass 174	5.4 (8.7) 1
176	95.0 - 101.0 % of mass 174	60.6 (97.3) 1
177	5.0 - 9.0 % of mass 176	5.5 (9.0) 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 460-359204/2	A19667.D	03/28/2016	20:44
	LCS 460-359204/3	A19668.D	03/28/2016	21:10
	MB 460-359204/7	A19672.D	03/28/2016	22:44
	460-111146-B-2 MS	A19679.D	03/29/2016	01:17
	460-111146-B-2 MSD	A19680.D	03/29/2016	01:39
WT01-CP-00-031716	460-110867-29	A19683.D	03/29/2016	02:45

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Sample No.: CCVIS 460-358833/2 Date Analyzed: 03/26/2016 07:05
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A19581.D Heated Purge: (Y/N) N
 Calibration ID: 55037

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		251917	3.47	338217	4.43	417862	5.31
UPPER LIMIT		503834	3.97	676434	4.93	835724	5.81
LOWER LIMIT		125959	2.97	169109	3.93	208931	4.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-358833/3		252085	3.48	357362	4.44	445605	5.31
MB 460-358833/7		245638	3.47	319824	4.44	400308	5.32
460-110867-1	BP3A-CP-00-031716	217766	3.47	294700	4.44	388488	5.32
460-110867-2	BP3B-CP-00-031716	231131	3.47	309664	4.44	392945	5.31
460-110867-3	BP3C-CP-00-031716	240977	3.47	316846	4.44	392318	5.32
460-110867-12	EW02C-CP-00-031716	235455	3.47	305785	4.43	375592	5.31
460-110867-13	EW02D-CP-00-031716	227264	3.48	315479	4.44	387039	5.32
460-110867-14	EW04A-CP-00-031716	237461	3.47	297110	4.43	365547	5.31
460-110867-15	EW04B-CP-00-031716	241467	3.47	311563	4.43	369411	5.31
460-110867-16	EW04C-CP-00-031716	218667	3.48	303241	4.44	376803	5.31
460-110867-17	EW04D-CP-00-031716	220091	3.47	314905	4.44	384828	5.32
460-110867-18	EW05-CP-00-031716	198715	3.47	289383	4.43	364627	5.31
460-110867-19	EW07C-CP-00-031716	226811	3.49	284088	4.43	359786	5.31
460-110867-20	EW07D-CP-00-031716	225236	3.46	286286	4.43	355651	5.31
460-110867-21	EW11D-CP-00-031716	230792	3.46	293030	4.43	359337	5.31
460-110867-22	EW12D-CP-00-031716	212296	3.46	290249	4.43	360563	5.31
460-110867-23	EW14D-CP-00-031716	194512	3.44	279636	4.43	355938	5.31
460-110867-27	MW10D-CP-00-031716	233795	3.47	295616	4.44	367867	5.32
460-110867-1 MS	BP3A-CP-00-031716 MS	217446	3.46	298868	4.44	375624	5.31
460-110867-1 MSD	BP3A-CP-00-031716 MSD	234068	3.47	306381	4.44	385239	5.32

TBA = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

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.: 460-110867-1
 SDG No.: _____
 Sample No.: CCVIS 460-358833/2 Date Analyzed: 03/26/2016 07:05
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A19581.D Heated Purge: (Y/N) N
 Calibration ID: 55037

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17645	5.85	271654	7.78	145820	9.18
UPPER LIMIT		35290	6.35	543308	8.28	291640	9.68
LOWER LIMIT		8823	5.35	135827	7.28	72910	8.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-358833/3		20279	5.86	287690	7.78	150145	9.18
MB 460-358833/7		18330	5.86	255867	7.79	132767	9.19
460-110867-1	BP3A-CP-00-031716	14813	5.85	250407	7.79	129118	9.19
460-110867-2	BP3B-CP-00-031716	15903	5.85	252626	7.79	128853	9.19
460-110867-3	BP3C-CP-00-031716	16546	5.85	254287	7.79	128853	9.18
460-110867-12	EW02C-CP-00-031716	16278	5.85	242439	7.78	124844	9.18
460-110867-13	EW02D-CP-00-031716	13660	5.85	248627	7.79	130119	9.18
460-110867-14	EW04A-CP-00-031716	15948	5.85	234273	7.79	124014	9.18
460-110867-15	EW04B-CP-00-031716	16949	5.85	239945	7.78	123363	9.18
460-110867-16	EW04C-CP-00-031716	13853	5.86	241343	7.79	125313	9.18
460-110867-17	EW04D-CP-00-031716	14117	5.85	252185	7.79	127749	9.18
460-110867-18	EW05-CP-00-031716	13834	5.86	238907	7.78	122317	9.19
460-110867-19	EW07C-CP-00-031716	16044	5.85	238577	7.78	121782	9.18
460-110867-20	EW07D-CP-00-031716	15666	5.85	231429	7.79	121056	9.18
460-110867-21	EW11D-CP-00-031716	12001	5.85	234277	7.78	122770	9.18
460-110867-22	EW12D-CP-00-031716	14386	5.85	236150	7.78	123279	9.19
460-110867-23	EW14D-CP-00-031716	13213	5.85	235571	7.79	121521	9.19
460-110867-27	MW10D-CP-00-031716	15262	5.86	240936	7.79	122573	9.19
460-110867-1 MS	BP3A-CP-00-031716 MS	14328	5.85	251769	7.79	133624	9.18
460-110867-1 MSD	BP3A-CP-00-031716 MSD	15624	5.86	255580	7.79	135744	9.19

DXE = 1,4-Dioxane-d8

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.: 460-110867-1
 SDG No.: _____
 Sample No.: CCVIS 460-359095/3 Date Analyzed: 03/28/2016 09:28
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A19637.D Heated Purge: (Y/N) N
 Calibration ID: 55037

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		281910	3.46	374365	4.43	481477	5.31
UPPER LIMIT		563820	3.96	748730	4.93	962954	5.81
LOWER LIMIT		140955	2.96	187183	3.93	240739	4.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-359095/4		256350	3.46	365494	4.43	485632	5.31
MB 460-359095/7		256279	3.47	349380	4.44	446719	5.32
460-110867-10	EW02A-CP-00-031716	226215	3.46	313306	4.44	424061	5.31
460-110867-11	EW02B-CP-00-031716	233934	3.46	326572	4.44	430552	5.32
460-110867-31	xTB01-CP-QC-031716	231875	3.47	309690	4.44	414067	5.31
460-110867-4	DW1-CP-00-031716	232945	3.47	310058	4.44	411027	5.32
460-110867-5	DW2-CP-00-031716	219276	3.45	299571	4.43	394934	5.31
460-110867-6	EW01A-CP-00-031716	203079	3.44	286257	4.43	385382	5.31
460-110867-7	EW01A-CP-01-031716	229190	3.45	297435	4.43	385595	5.31
460-110867-8	EW01B-CP-00-031716	221366	3.46	301818	4.43	393208	5.31
460-110867-9	EW01C-CP-00-031716	235325	3.46	299825	4.44	392108	5.32
460-110867-24	MW08A-CP-00-031716	222144	3.45	283738	4.43	373357	5.31
460-110867-25	MW08B-CP-00-031716	230574	3.47	302993	4.44	390068	5.32
460-110867-26	MW08C-CP-00-031716	226050	3.46	293611	4.43	373740	5.31
460-110867-28	SW1-CP-00-031716	229322	3.47	288065	4.43	363540	5.31
460-110867-30	WT01-CP-01-031716	224890	3.45	289025	4.43	364689	5.31
460-110867-10 MS	EW02A-CP-00-031716 MS	248817	3.46	336959	4.44	422379	5.32
460-110867-10 MSD	EW02A-CP-00-031716 MSD	238658	3.46	303062	4.43	387283	5.31

TBA = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

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.: 460-110867-1
 SDG No.: _____
 Sample No.: CCVIS 460-359095/3 Date Analyzed: 03/28/2016 09:28
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A19637.D Heated Purge: (Y/N) N
 Calibration ID: 55037

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21219	5.85	311081	7.78	161806	9.19
UPPER LIMIT		42438	6.35	622162	8.28	323612	9.69
LOWER LIMIT		10610	5.35	155541	7.28	80903	8.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-359095/4		17891	5.85	310687	7.78	160162	9.19
MB 460-359095/7		16782	5.86	283084	7.79	145026	9.19
460-110867-10	EW02A-CP-00-031716	14983	5.85	268537	7.79	136909	9.19
460-110867-11	EW02B-CP-00-031716	15742	5.85	274768	7.79	141926	9.19
460-110867-31	xTB01-CP-QC-031716	17371	5.85	263086	7.79	135795	9.19
460-110867-4	DW1-CP-00-031716	14641	5.85	258906	7.79	135071	9.19
460-110867-5	DW2-CP-00-031716	14909	5.85	250911	7.79	132508	9.19
460-110867-6	EW01A-CP-00-031716	14039	5.85	250285	7.78	130475	9.19
460-110867-7	EW01A-CP-01-031716	15417	5.85	246544	7.79	131192	9.18
460-110867-8	EW01B-CP-00-031716	13487	5.85	253716	7.79	131615	9.18
460-110867-9	EW01C-CP-00-031716	16174	5.86	254797	7.79	132489	9.19
460-110867-24	MW08A-CP-00-031716	15678	5.85	244603	7.79	129121	9.18
460-110867-25	MW08B-CP-00-031716	15306	5.85	252579	7.79	131181	9.18
460-110867-26	MW08C-CP-00-031716	15324	5.86	242472	7.79	127130	9.19
460-110867-28	SW1-CP-00-031716	16528	5.85	242430	7.79	126335	9.18
460-110867-30	WT01-CP-01-031716	14415	5.85	240646	7.79	125565	9.19
460-110867-10 MS	EW02A-CP-00-031716 MS	17445	5.85	273289	7.79	145094	9.19
460-110867-10 MSD	EW02A-CP-00-031716 MSD	18634	5.85	256746	7.79	137200	9.18

DXE = 1,4-Dioxane-d8

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.: 460-110867-1
 SDG No.: _____
 Sample No.: CCVIS 460-359204/2 Date Analyzed: 03/28/2016 20:44
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A19667.D Heated Purge: (Y/N) N
 Calibration ID: 55037

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		258120	3.47	345359	4.44	426124	5.31
UPPER LIMIT		516240	3.97	690718	4.94	852248	5.81
LOWER LIMIT		129060	2.97	172680	3.94	213062	4.81
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-359204/3		227584	3.46	326098	4.43	402690	5.31
MB 460-359204/7		229227	3.47	303836	4.43	375593	5.31
460-111146-B-2 MS		224391	3.47	304095	4.43	379005	5.31
460-111146-B-2 MSD		254681	3.47	321469	4.44	392550	5.32
460-110867-29	WT01-CP-00-031716	219744	3.47	299629	4.43	361688	5.31

TBA = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

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.: 460-110867-1
 SDG No.: _____
 Sample No.: CCVIS 460-359204/2 Date Analyzed: 03/28/2016 20:44
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A19667.D Heated Purge: (Y/N) N
 Calibration ID: 55037

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19352	5.85	277417	7.79	145816	9.19
UPPER LIMIT		38704	6.35	554834	8.29	291632	9.69
LOWER LIMIT		9676	5.35	138709	7.29	72908	8.69
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-359204/3		14171	5.85	261894	7.79	138107	9.18
MB 460-359204/7		14983	5.85	244511	7.79	127467	9.18
460-111146-B-2 MS		16697	5.85	249922	7.78	134000	9.18
460-111146-B-2 MSD		19665	5.85	254743	7.79	134997	9.18
460-110867-29	WT01-CP-00-031716	13117	5.86	231896	7.79	121921	9.18

DXE = 1,4-Dioxane-d8

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: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>BP3A-CP-00-031716</u>	Lab Sample ID: <u>460-110867-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19589.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 11:34</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 10:39</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	19		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	0.78	J	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: BP3A-CP-00-031716 Lab Sample ID: 460-110867-1
 Matrix: Water Lab File ID: A19589.D
 Analysis Method: 8260C Date Collected: 03/14/2016 11:34
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 10:39
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.32	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-137
2037-26-5	Toluene-d8 (Surr)	102		74-120
460-00-4	4-Bromofluorobenzene	101		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19589.D
 Lims ID: 460-110867-A-1 Lab Sample ID: 460-110867-1
 Client ID: BP3A-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 10:39:30 ALS Bottle#: 3 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-1
 Misc. Info.: 460-0039013-010
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:51:22 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: baronm

Date: 29-Mar-2016 15:51:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.084	3.084	0.000	87	18797	18.8	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	217766	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	294700	250.0	
46 Tetrahydrofuran	72	4.651	4.657	-0.006	87	476	1.56	
49 Chloroform	83	4.700	4.693	0.007	96	3133	0.7821	
50 Cyclohexane	56	4.803	4.809	-0.006	77	1280	0.3199	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	102385	51.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	157292	51.8	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	388488	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14813	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	98	375155	51.1	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	250407	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	86729	50.4	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	97	129118	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19589.D

Injection Date: 26-Mar-2016 10:39:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-1

Lab Sample ID: 460-110867-1

Worklist Smp#: 10

Client ID: BP3A-CP-00-031716

Purge Vol: 5.000 mL

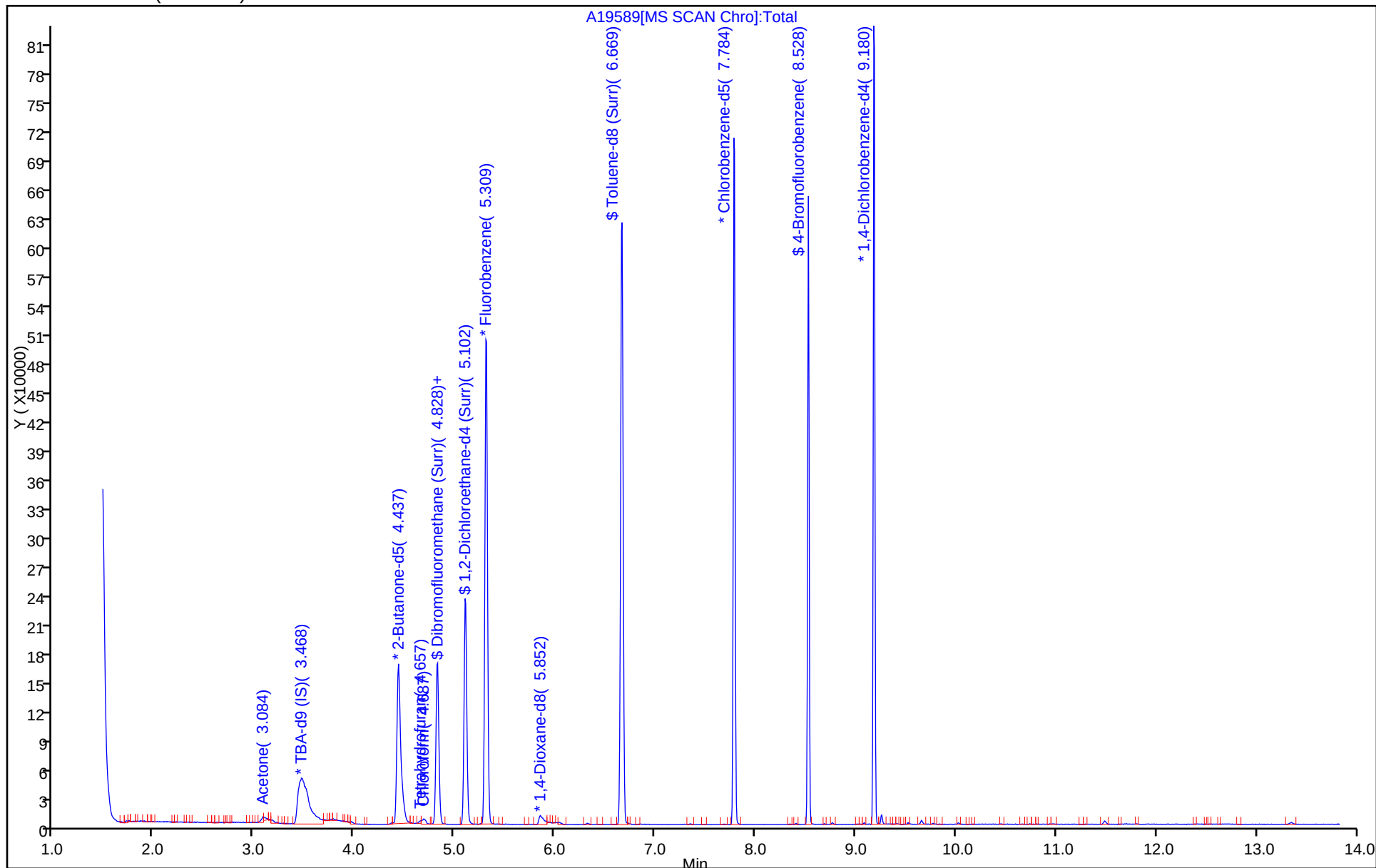
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19589.D

Injection Date: 26-Mar-2016 10:39:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-1

Lab Sample ID: 460-110867-1

Client ID: BP3A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 3 Worklist Smp#: 10

Purge Vol: 5.000 mL

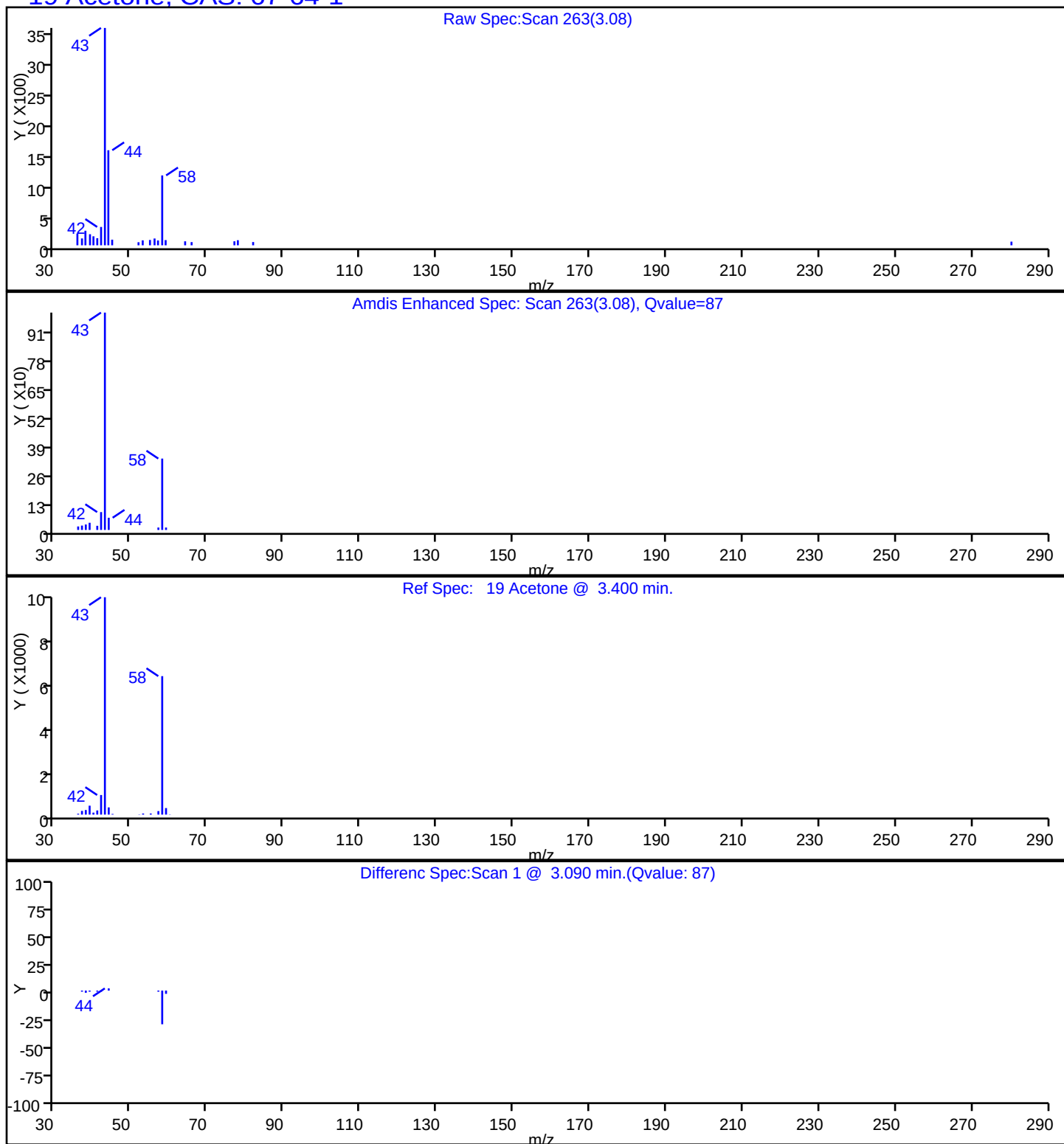
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19589.D

Injection Date: 26-Mar-2016 10:39:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-1

Lab Sample ID: 460-110867-1

Client ID: BP3A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 3

Worklist Smp#: 10

Purge Vol: 5.000 mL

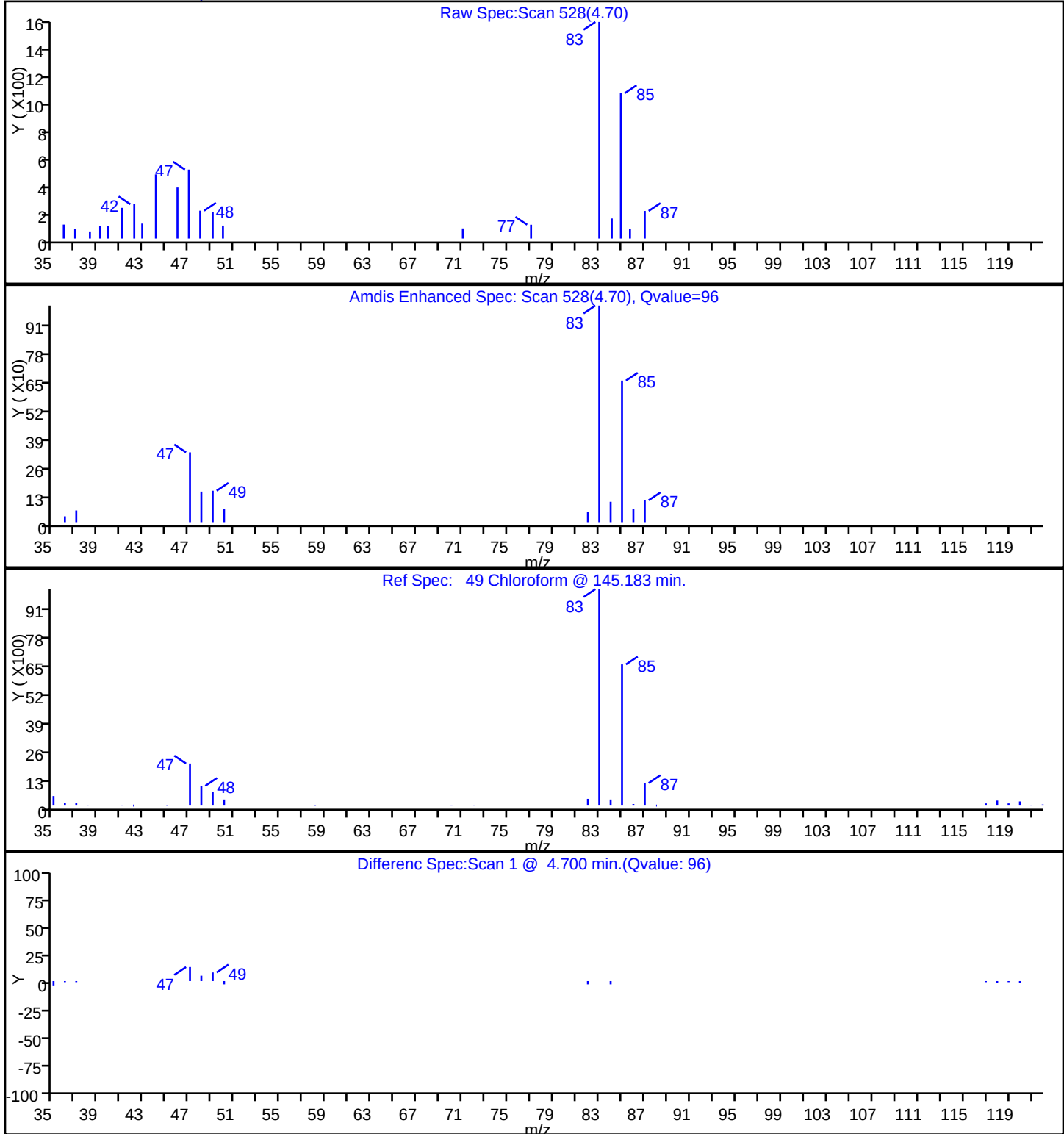
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Chloroform, CAS: 67-66-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19589.D

Injection Date: 26-Mar-2016 10:39:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-1

Lab Sample ID: 460-110867-1

Client ID: BP3A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 3

Worklist Smp#: 10

Purge Vol: 5.000 mL

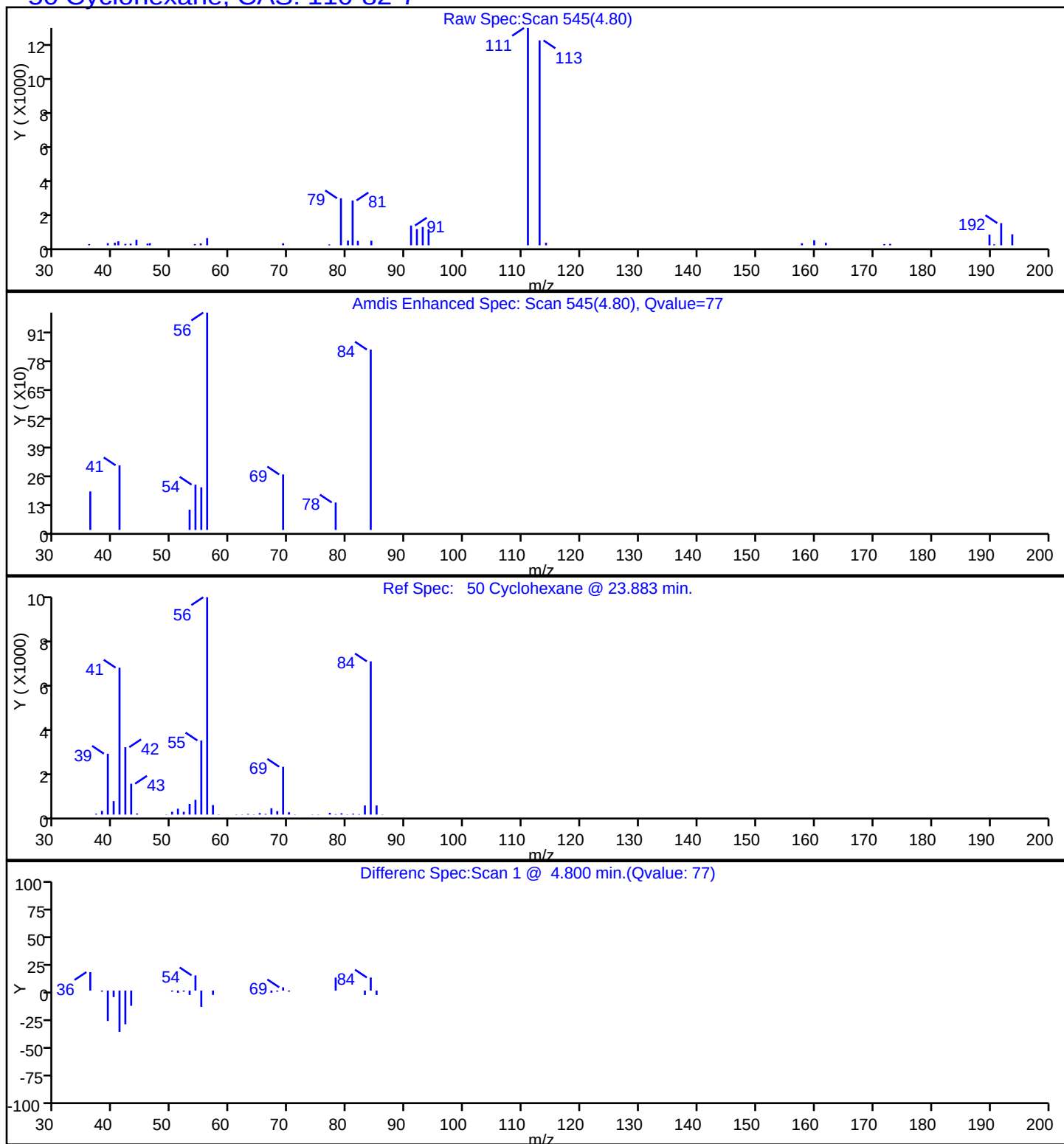
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>BP3B-CP-00-031716</u>	Lab Sample ID: <u>460-110867-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19590.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 11:18</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/26/2016 11:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.6		1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	0.68	J	1.0	0.21
67-64-1	Acetone	22		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.56	J	1.0	0.15
75-35-4	1,1-Dichloroethene	0.77	J	1.0	0.34
75-34-3	1,1-Dichloroethane	15		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.62	J	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	100		1.0	0.26
67-66-3	Chloroform	0.31	J	1.0	0.22
107-06-2	1,2-Dichloroethane	0.71	J	1.0	0.25
78-93-3	2-Butanone	10		5.0	2.2
71-55-6	1,1,1-Trichloroethane	0.72	J	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	12		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	0.23	J	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	120		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: BP3B-CP-00-031716 Lab Sample ID: 460-110867-2
 Matrix: Water Lab File ID: A19590.D
 Analysis Method: 8260C Date Collected: 03/14/2016 11:18
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 11:01
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3		1.0	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.60	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	5.3		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	98		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D
 Lims ID: 460-110867-A-2 Lab Sample ID: 460-110867-2
 Client ID: BP3B-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 11:01:30 ALS Bottle#: 4 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-2
 Misc. Info.: 460-0039013-011
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 26-Mar-2016 11:40:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.639	1.627	0.012	99	24279	5.27	
5 Vinyl chloride	62	1.908	1.901	0.007	97	7149	1.59	
10 Trichlorofluoromethane	101	2.535	2.529	0.006	35	2083	0.5608	
17 1,1,2-Trichloro-1,2,2-trif	101	3.011	2.974	0.037	55	1528	1.27	
18 1,1-Dichloroethene	96	2.993	2.992	0.001	88	1688	0.7703	
19 Acetone	43	3.102	3.084	0.018	85	22703	21.6	
27 Methylene Chloride	84	3.456	3.462	-0.006	36	1955	0.6844	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	231131	1000.0	
31 trans-1,2-Dichloroethene	96	3.627	3.626	0.001	94	1466	0.6231	
35 1,1-Dichloroethane	63	4.005	4.004	0.001	99	76843	14.9	
* 39 2-Butanone-d5	46	4.438	4.431	0.007	0	309664	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	89	240955	99.6	
42 2-Butanone (MEK)	72	4.468	4.480	-0.012	93	2876	10.4	
49 Chloroform	83	4.694	4.693	0.001	91	1249	0.3082	
50 Cyclohexane	56	4.816	4.809	0.007	88	2442	0.6033	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	93	101920	50.4	
52 1,1,1-Trichloroethane	97	4.828	4.821	0.007	36	2175	0.7219	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	158361	51.5	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	93	2469	0.7080	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	392945	50.0	
66 Trichloroethene	95	5.578	5.571	0.007	92	25689	12.1	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15903	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	369684	49.9	
86 Tetrachloroethene	166	7.144	7.144	0.000	89	184430	122.1	
* 92 Chlorobenzene-d5	117	7.791	7.784	0.007	94	252626	50.0	
101 Bromoform	173	8.345	8.345	0.000	84	217	0.2262	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	77	85188	49.1	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	96	128853	50.0	

Reagents:

8260ISNEW_00065

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00120

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Worklist Smp#: 11

Client ID: BP3B-CP-00-031716

Purge Vol: 5.000 mL

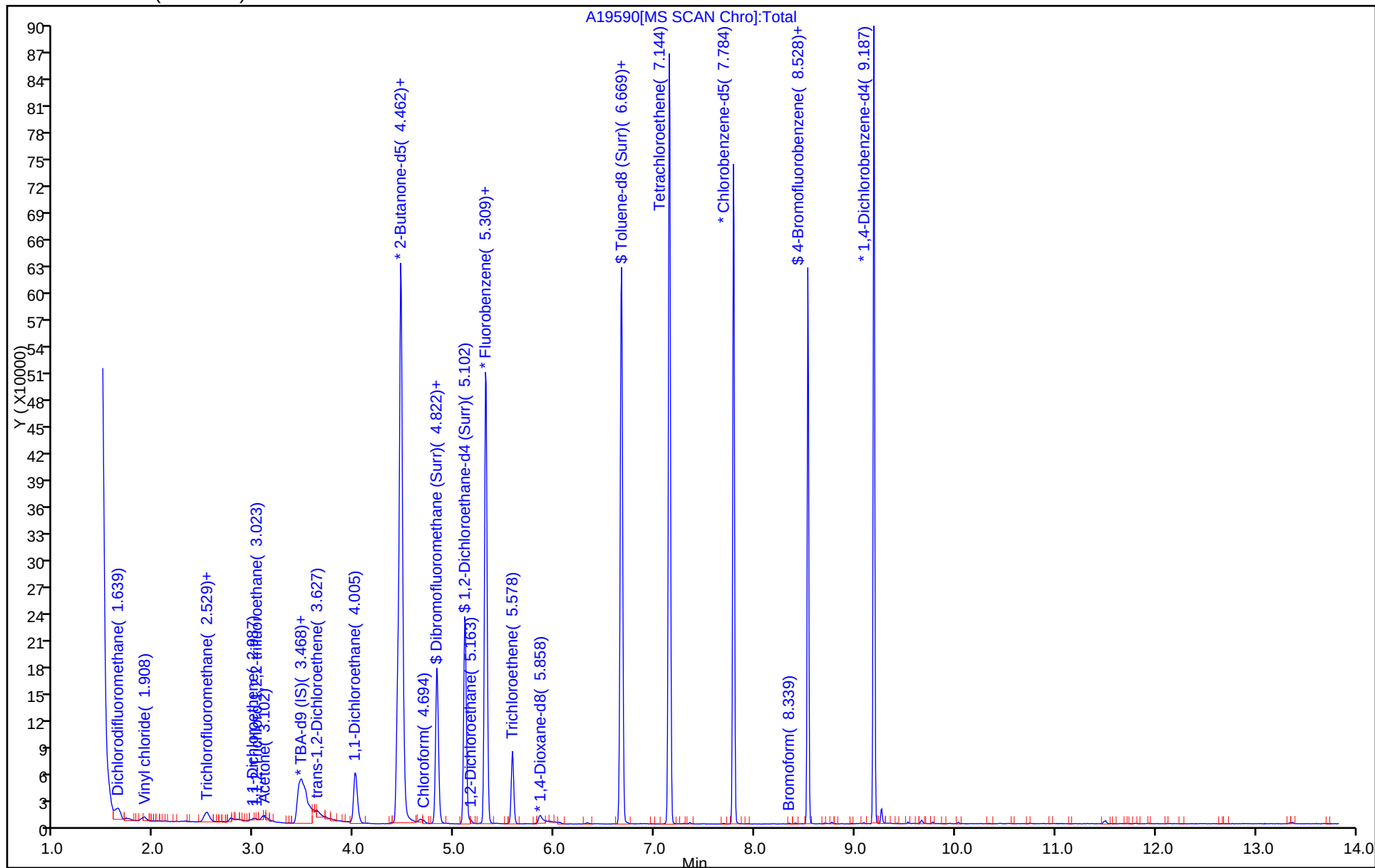
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

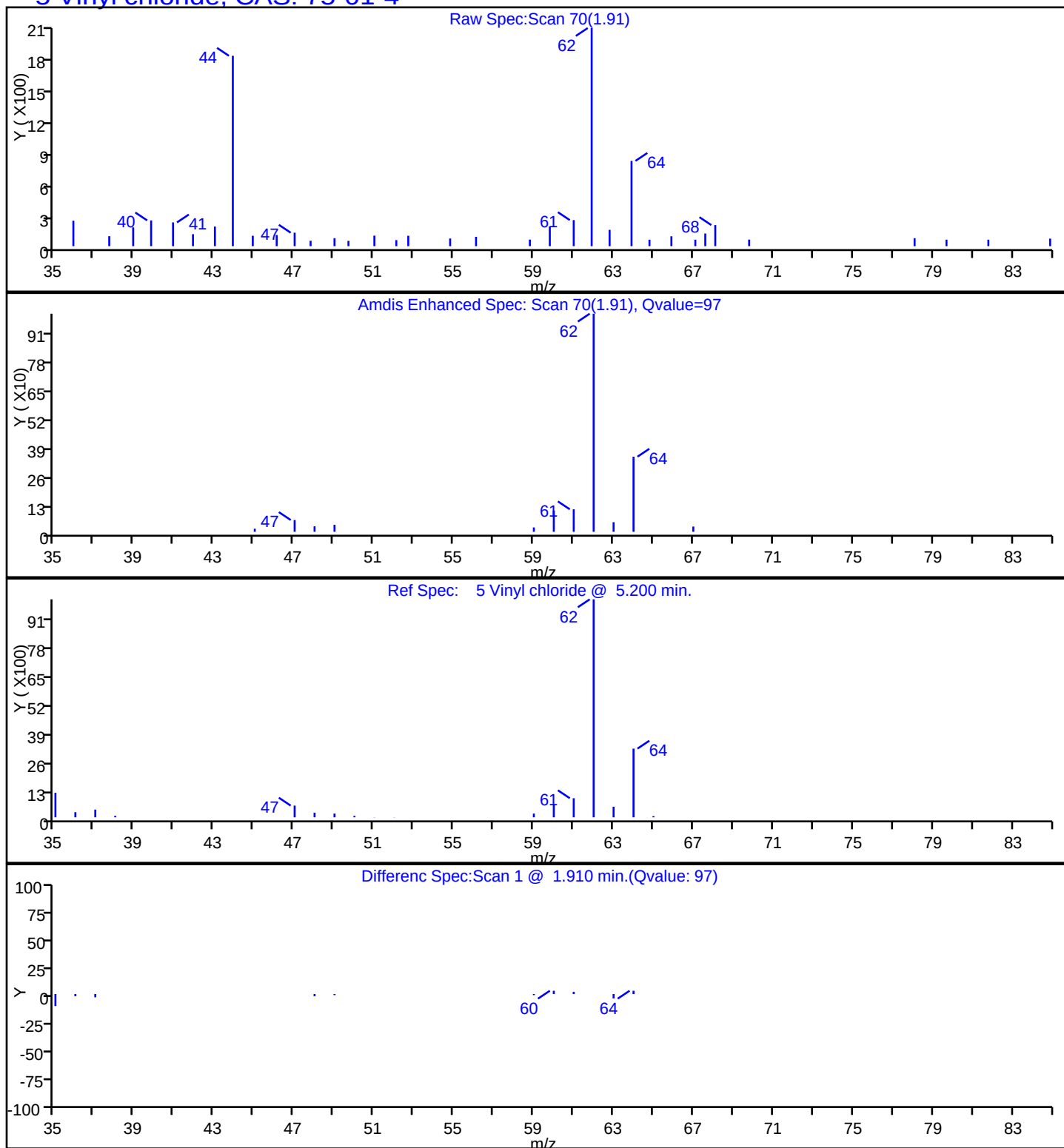
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Vinyl chloride, CAS: 75-01-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4 Worklist Smp#: 11

Purge Vol: 5.000 mL

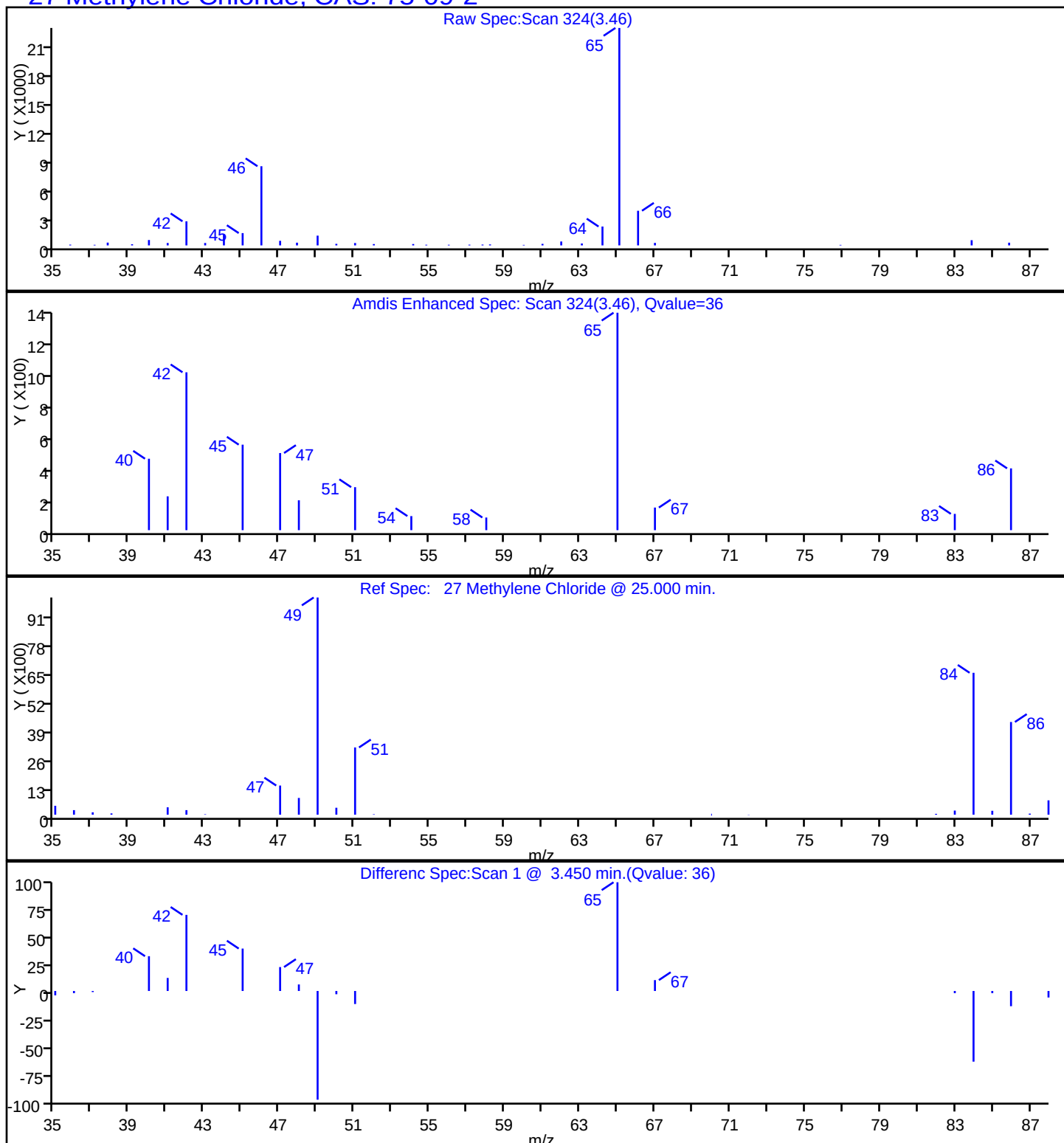
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

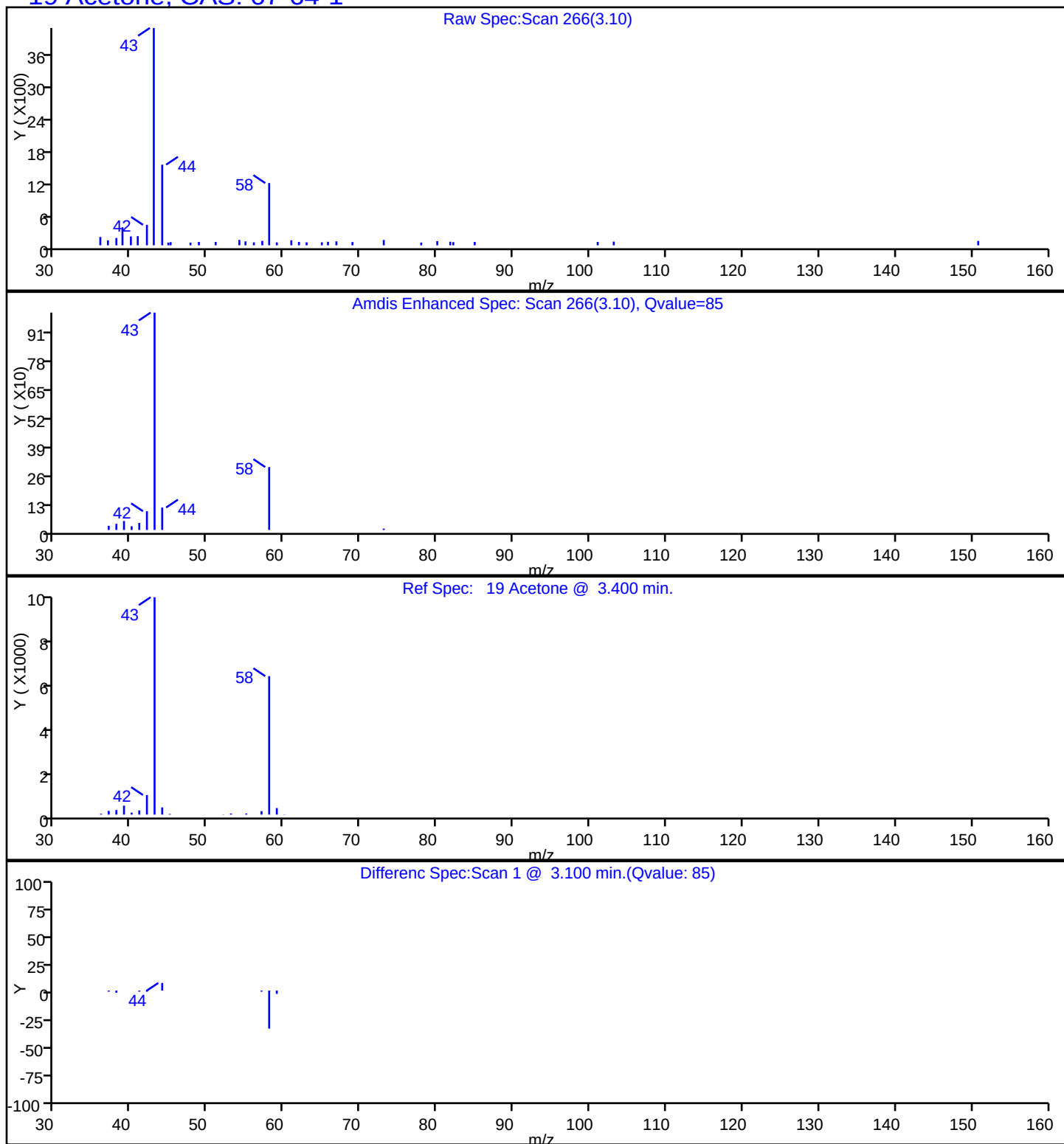
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

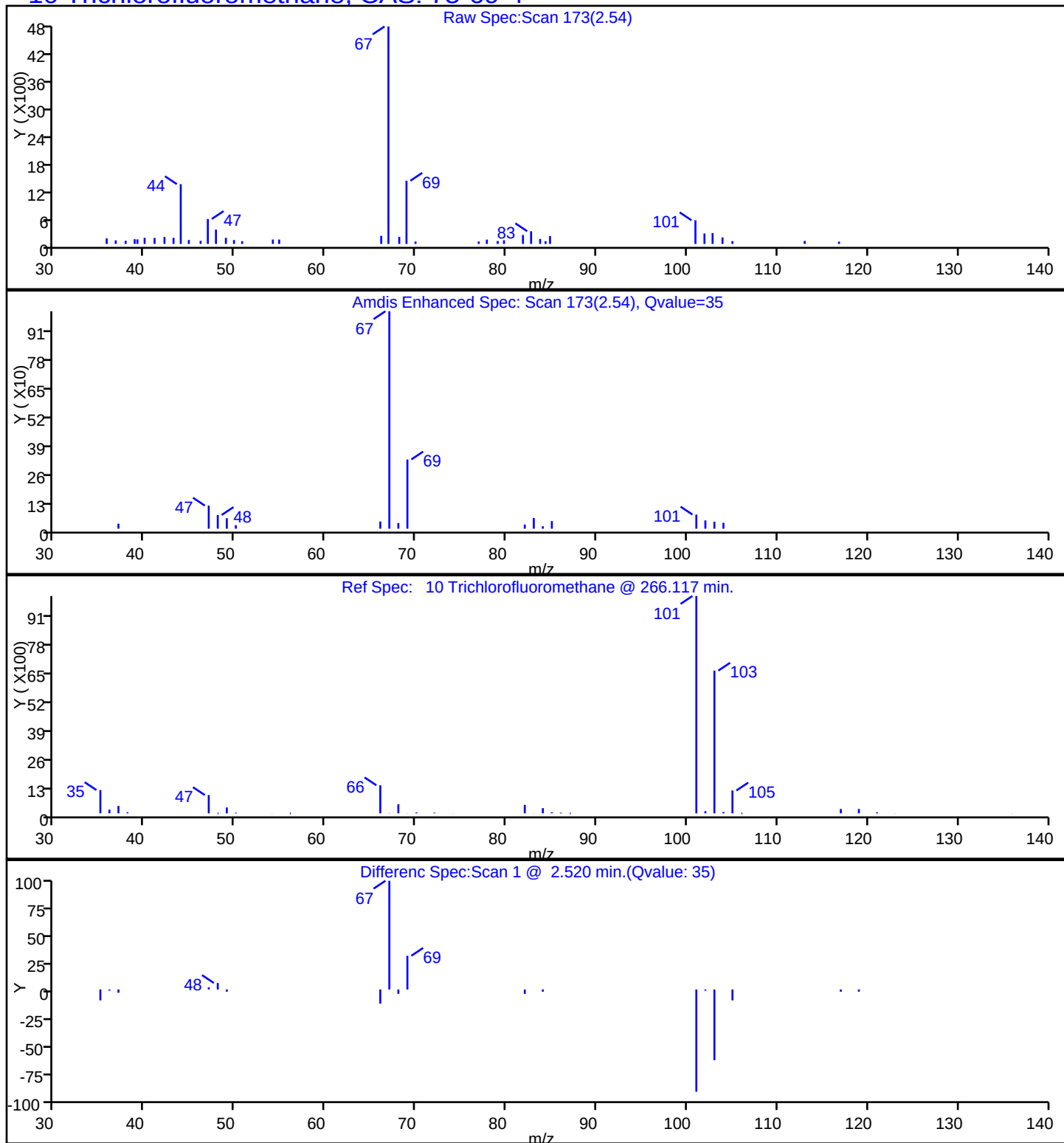
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Trichlorofluoromethane, CAS: 75-69-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4 Worklist Smp#: 11

Purge Vol: 5.000 mL

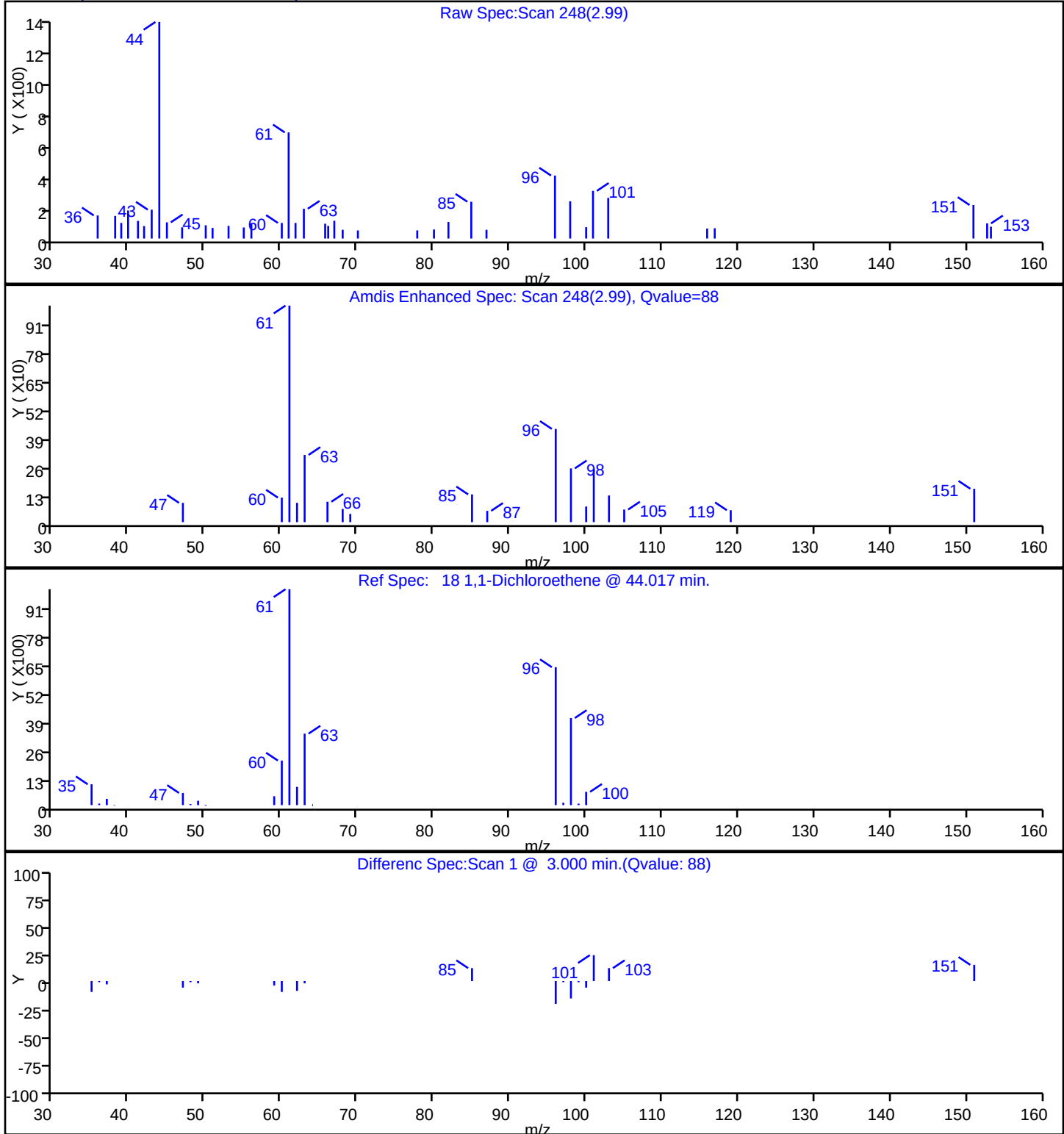
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

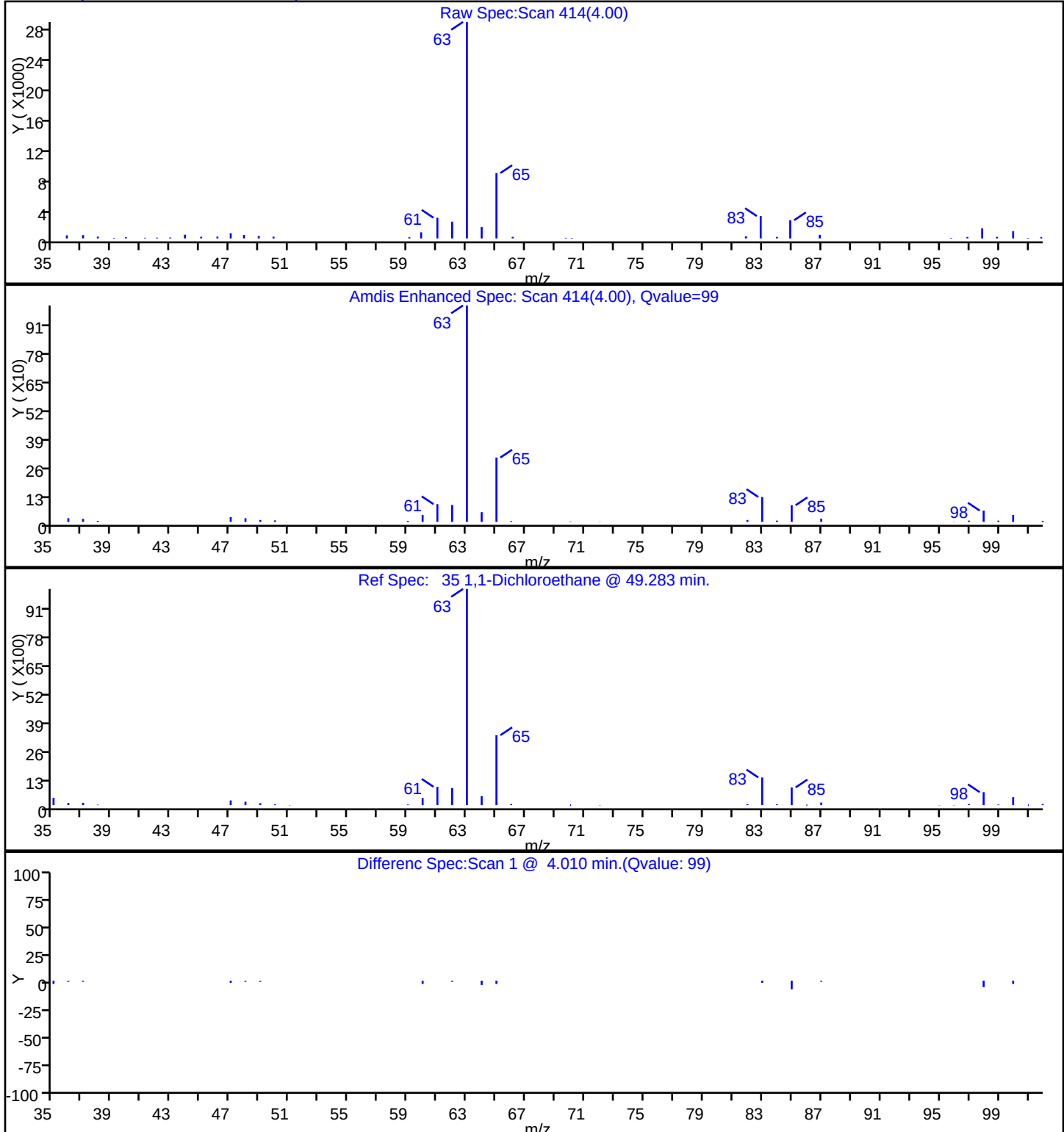
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

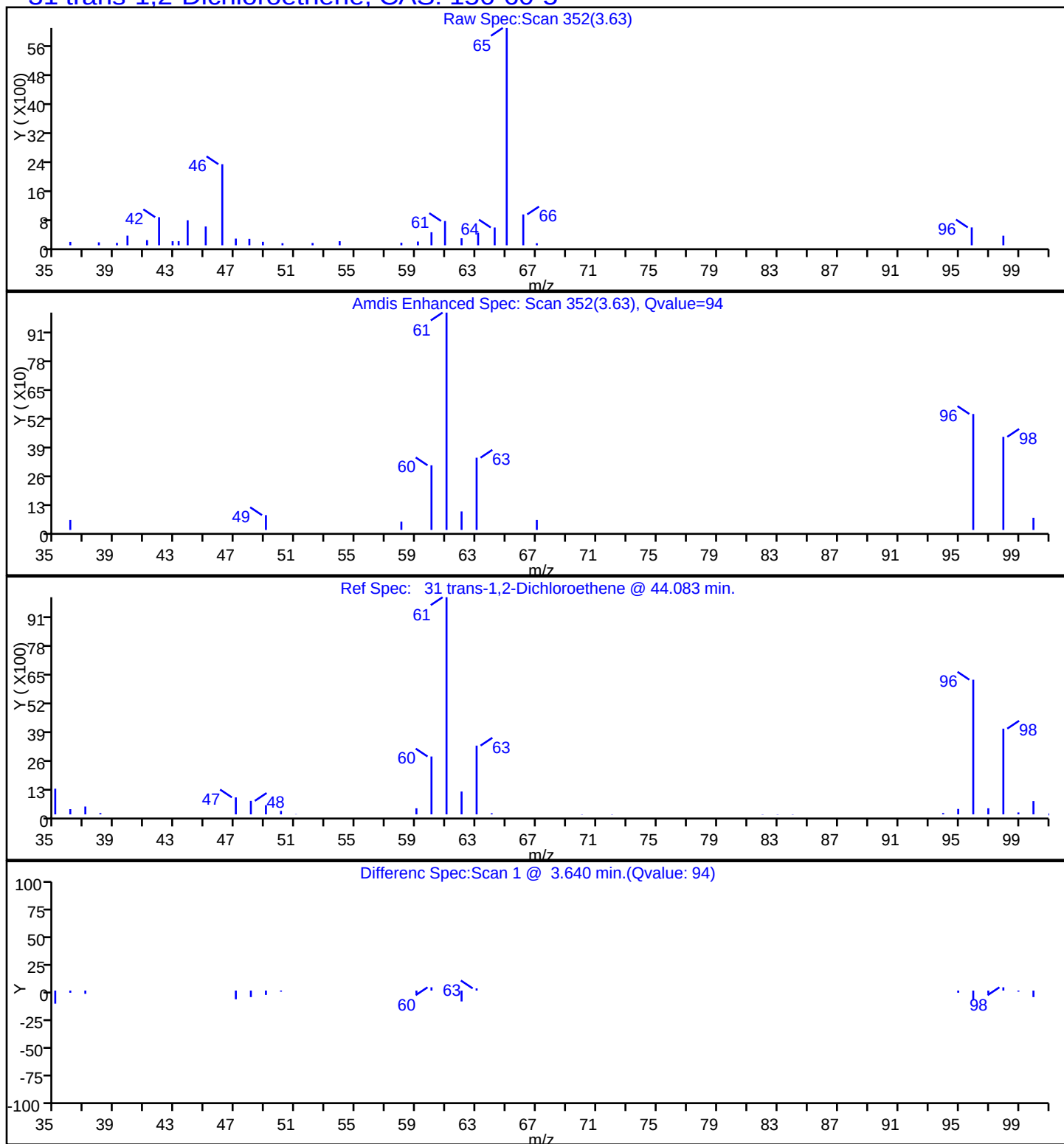
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

31 trans-1,2-Dichloroethene, CAS: 156-60-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

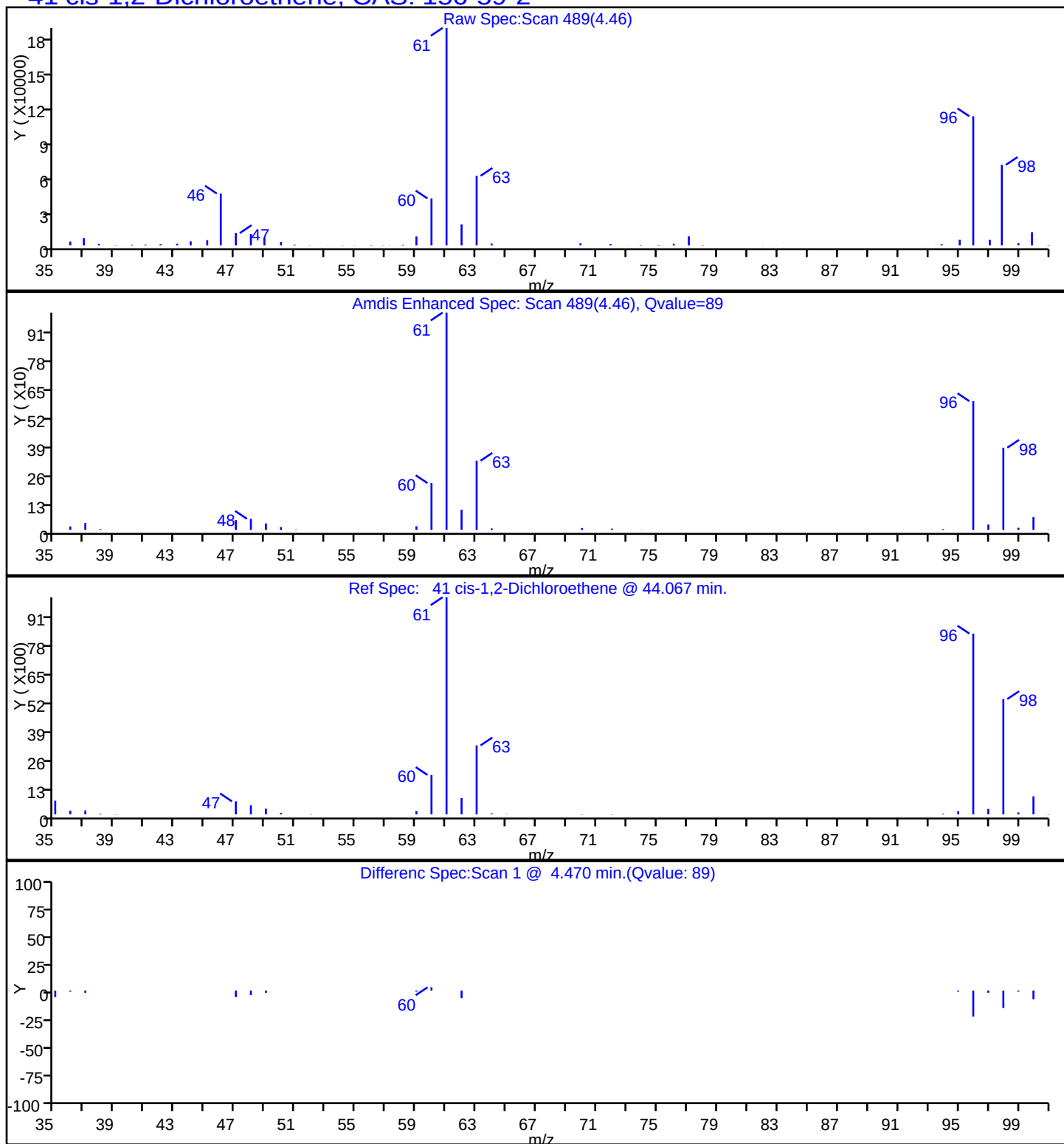
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

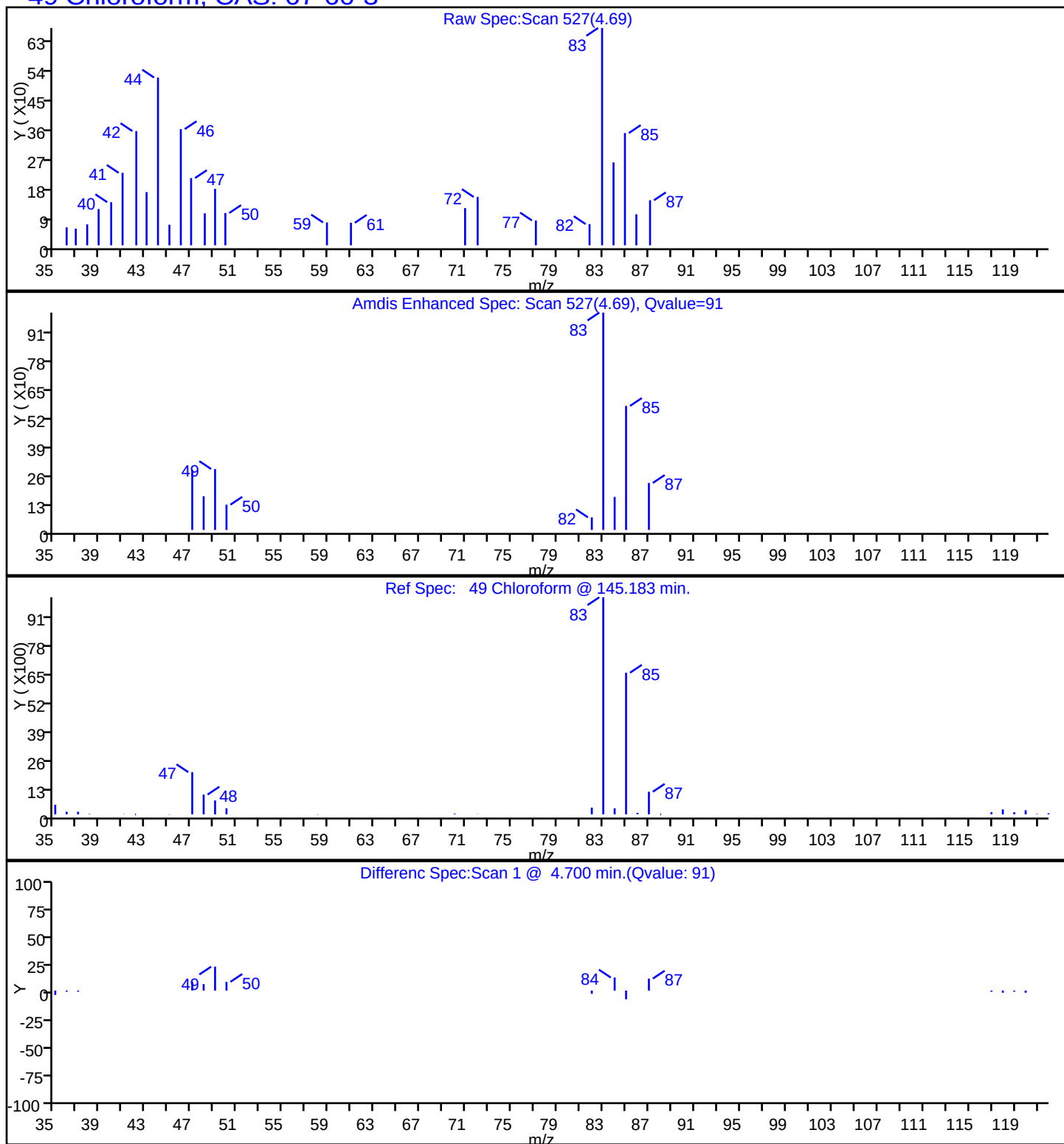
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

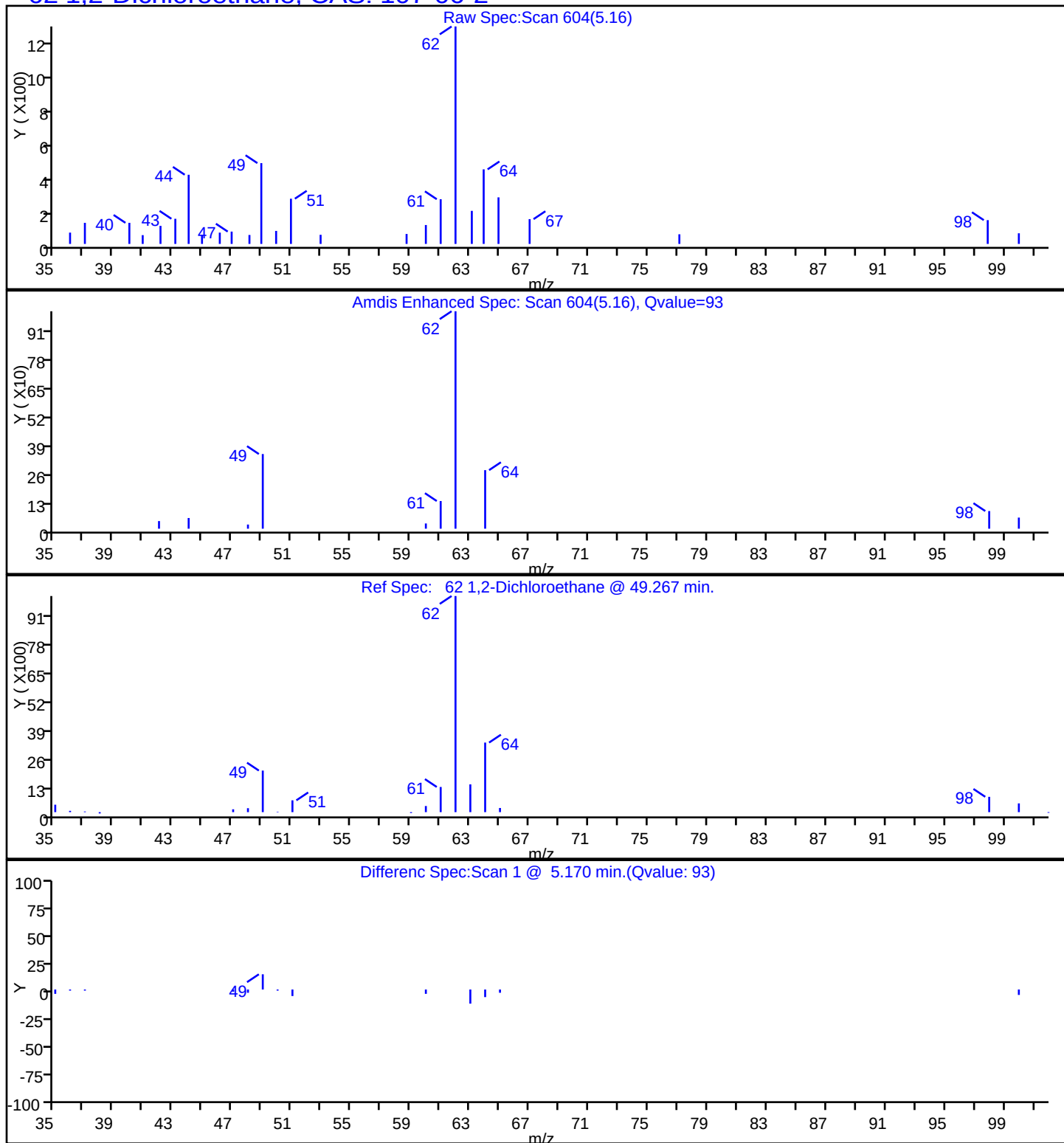
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

62 1,2-Dichloroethane, CAS: 107-06-2

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

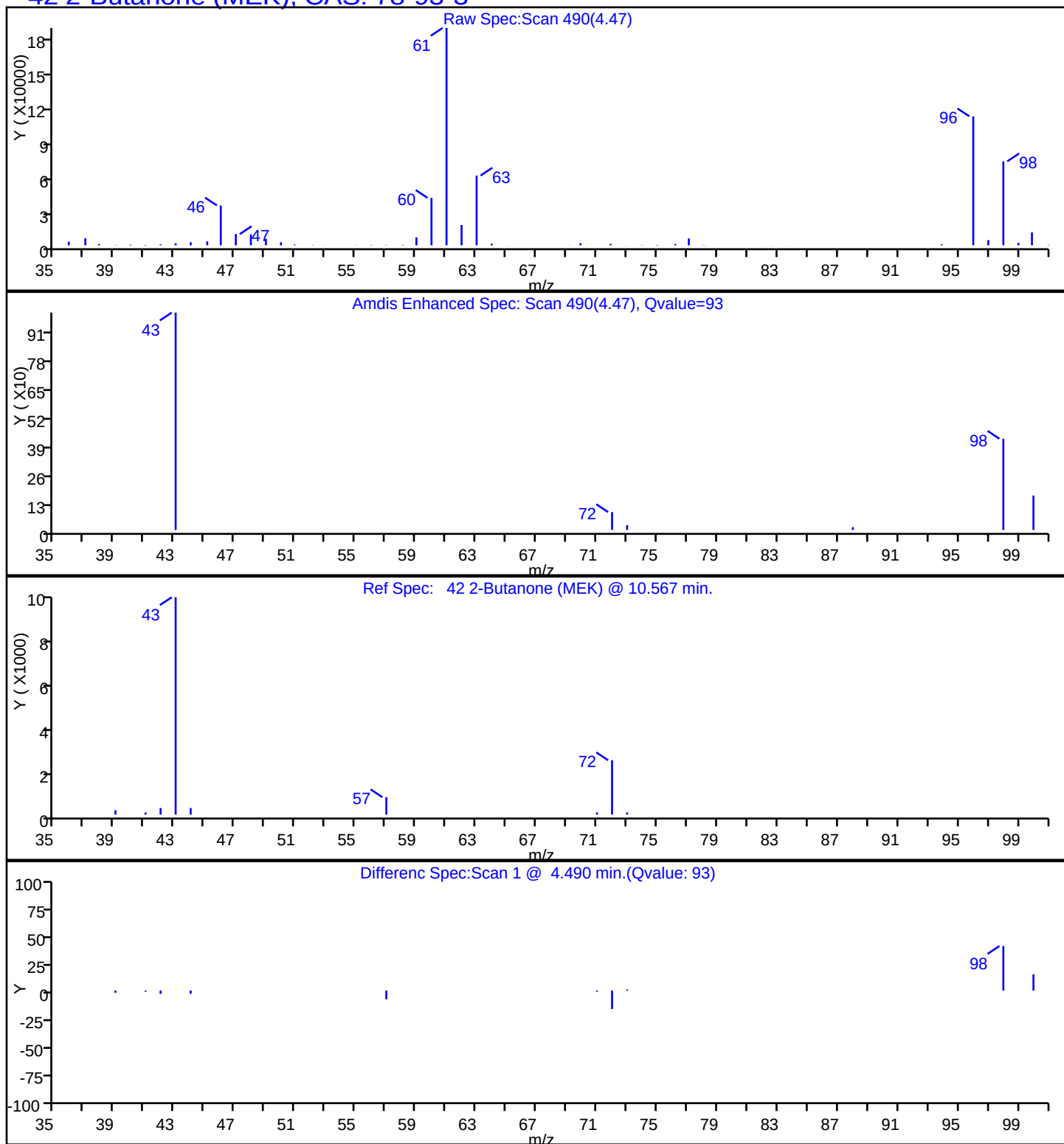
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK), CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

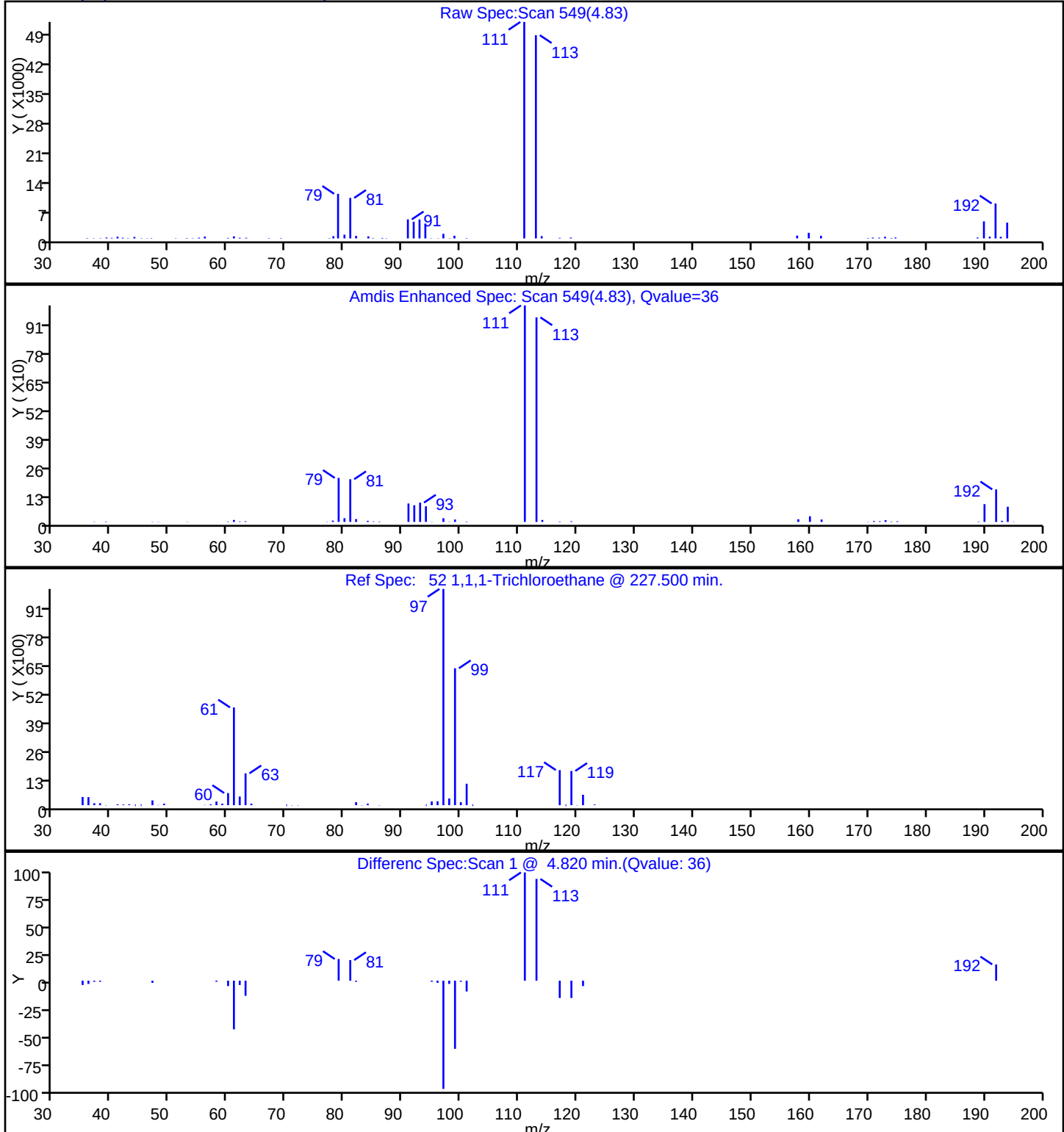
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

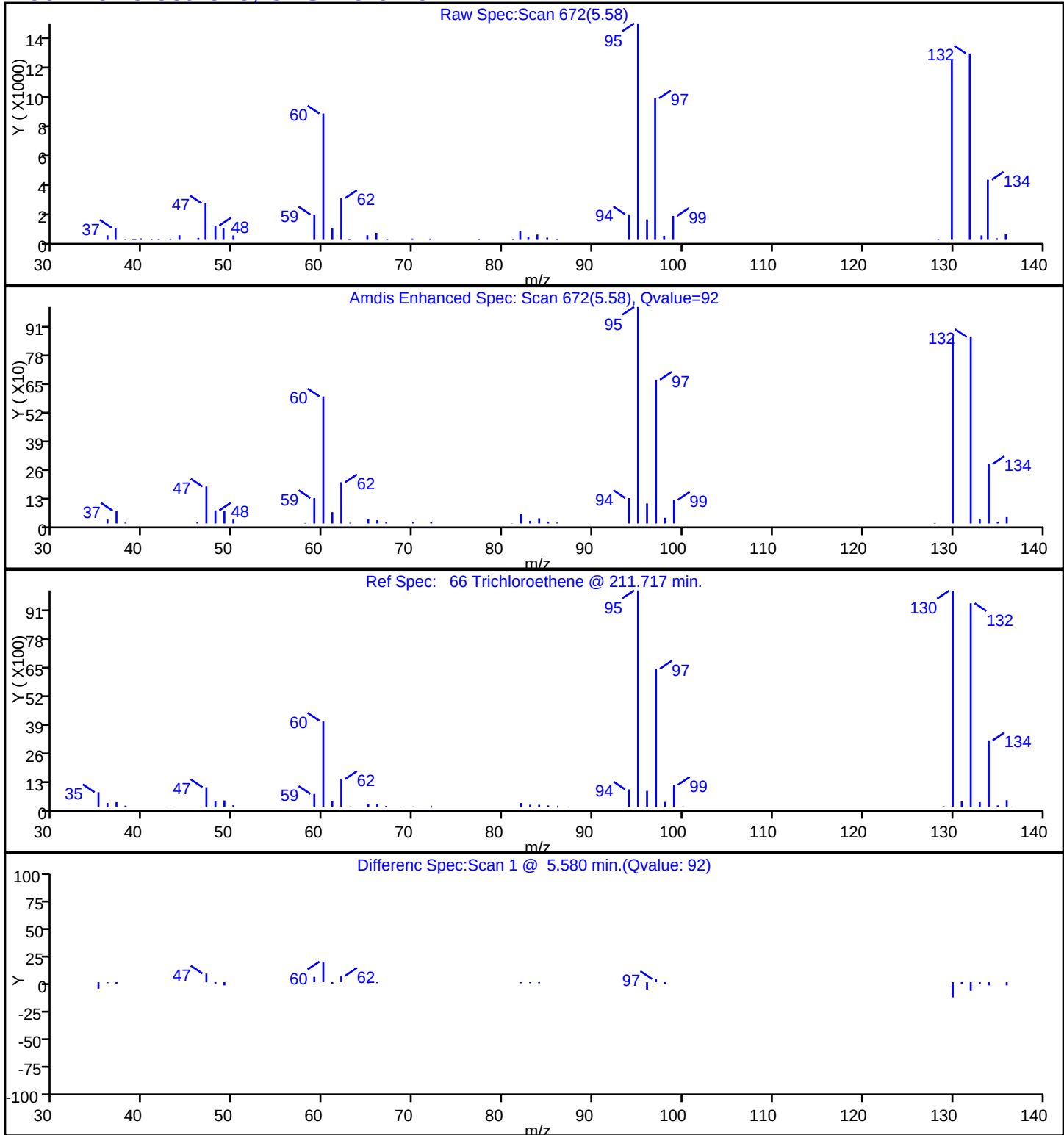
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

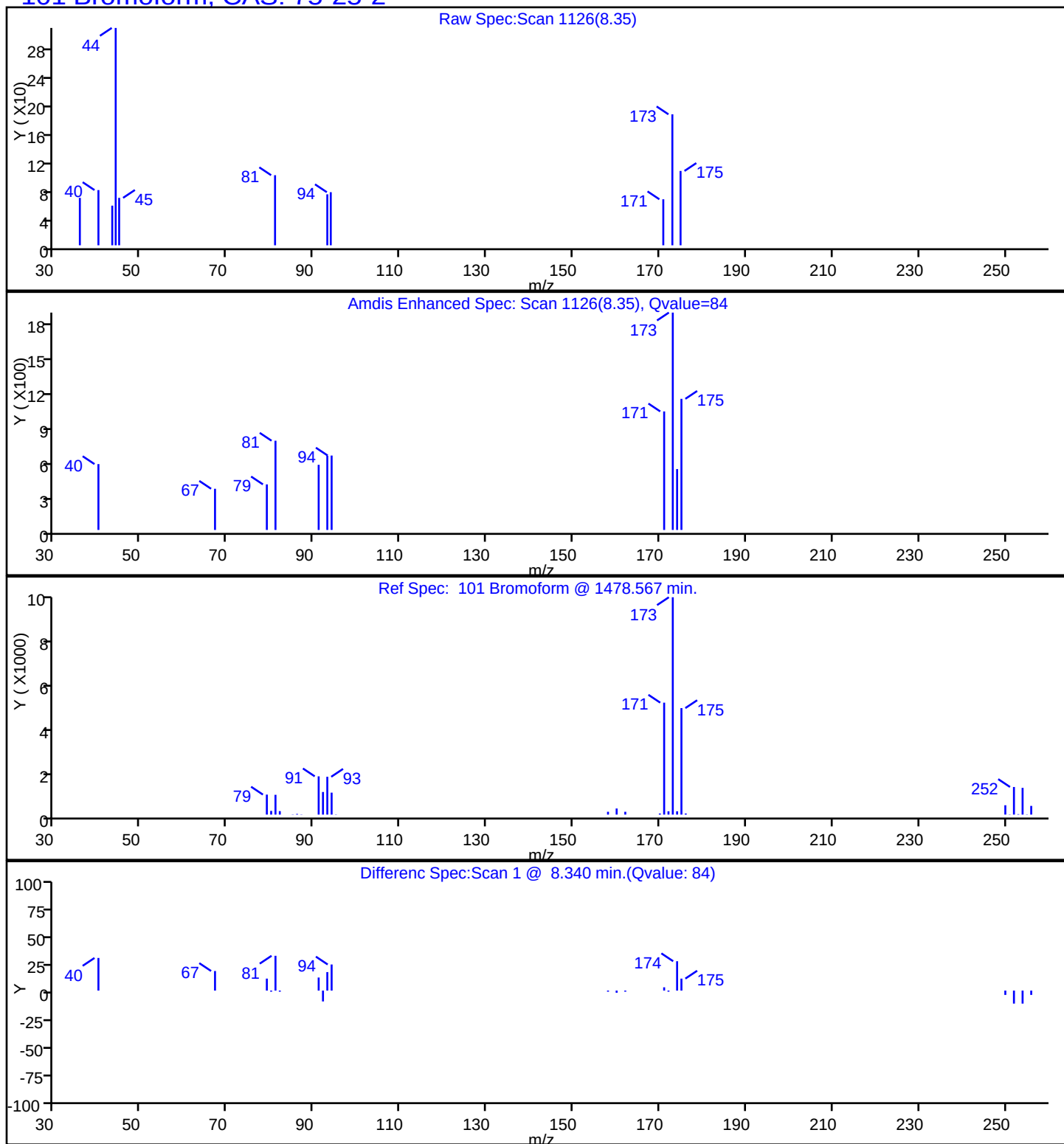
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

101 Bromoform, CAS: 75-25-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

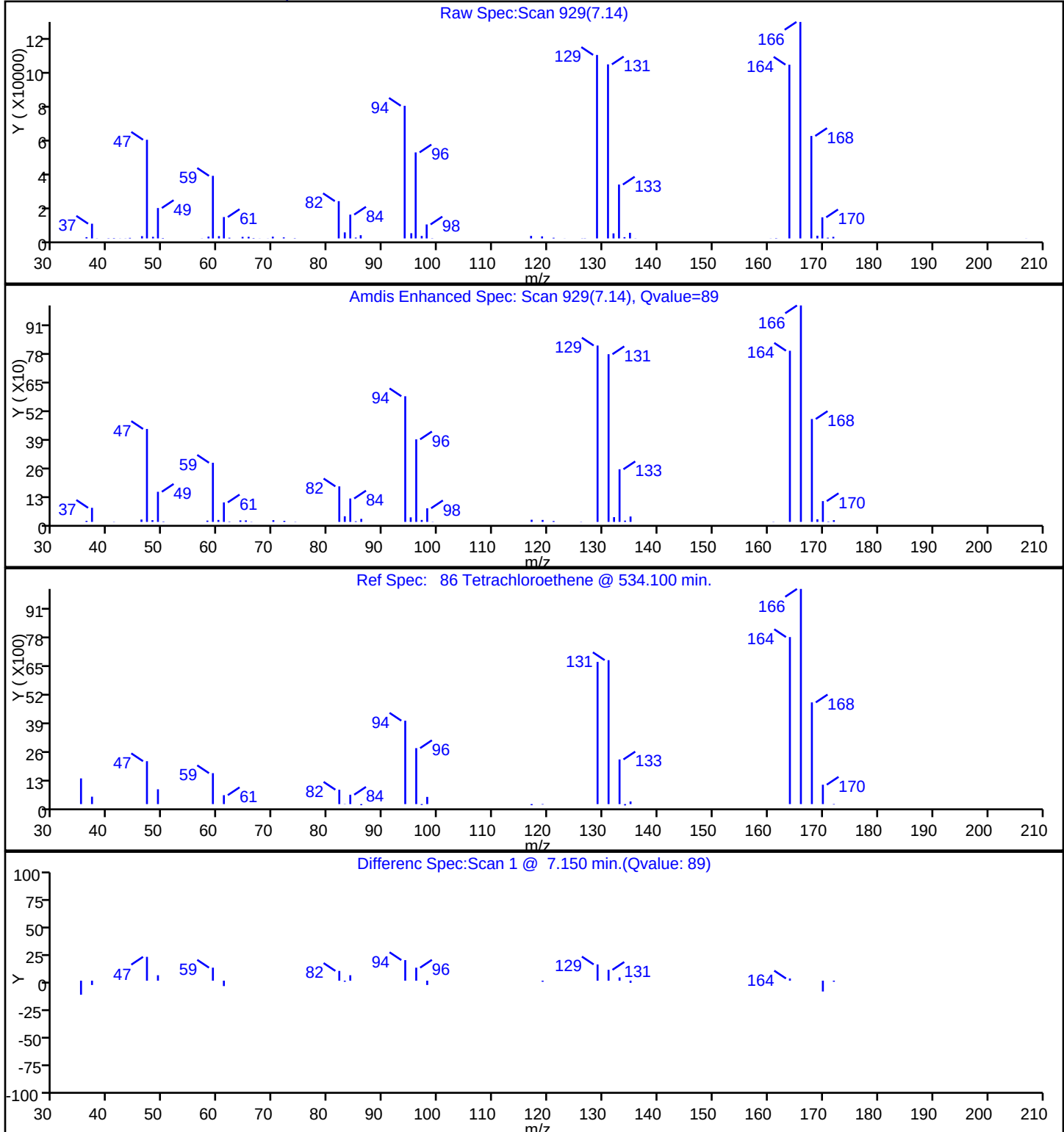
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

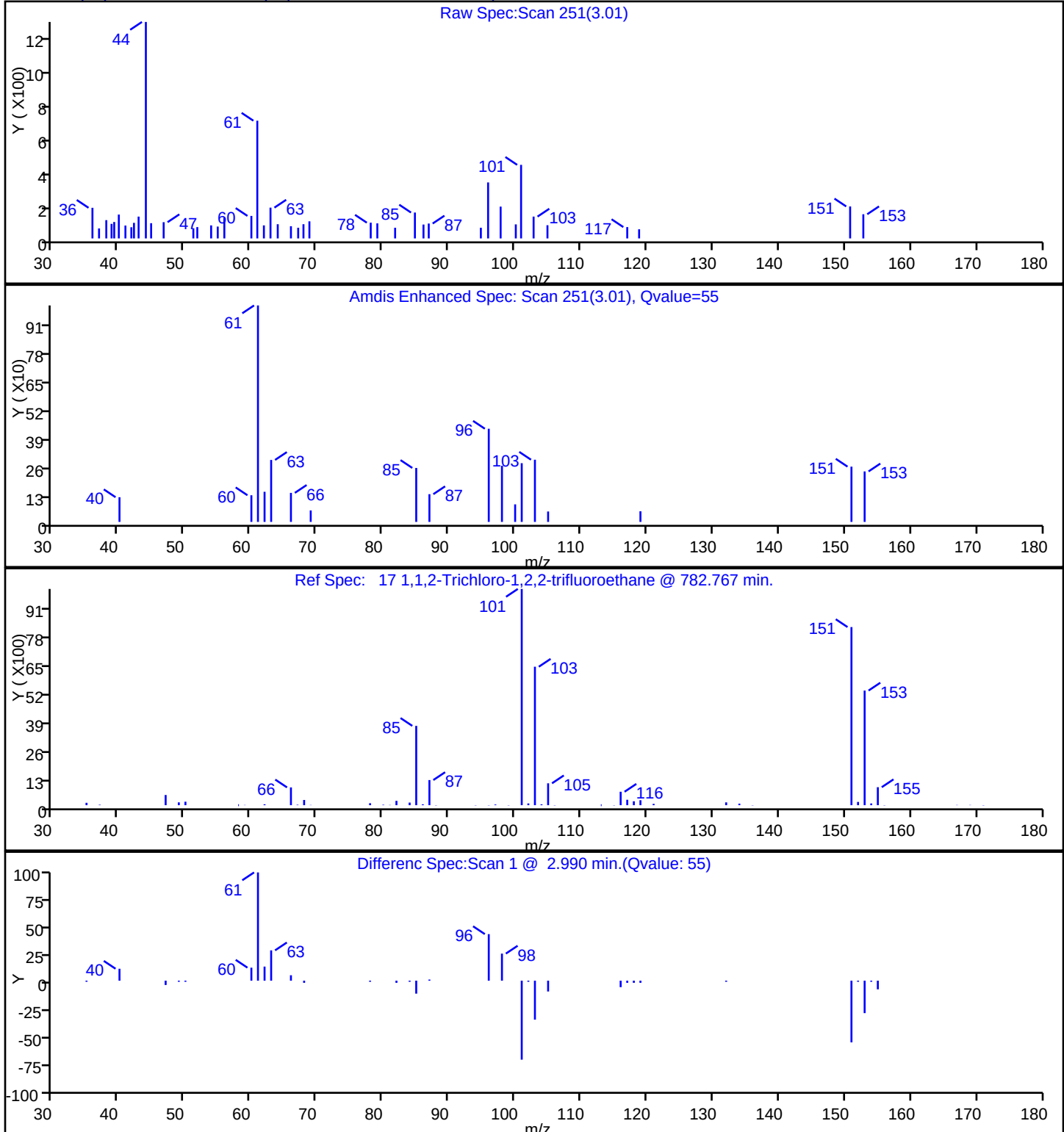
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

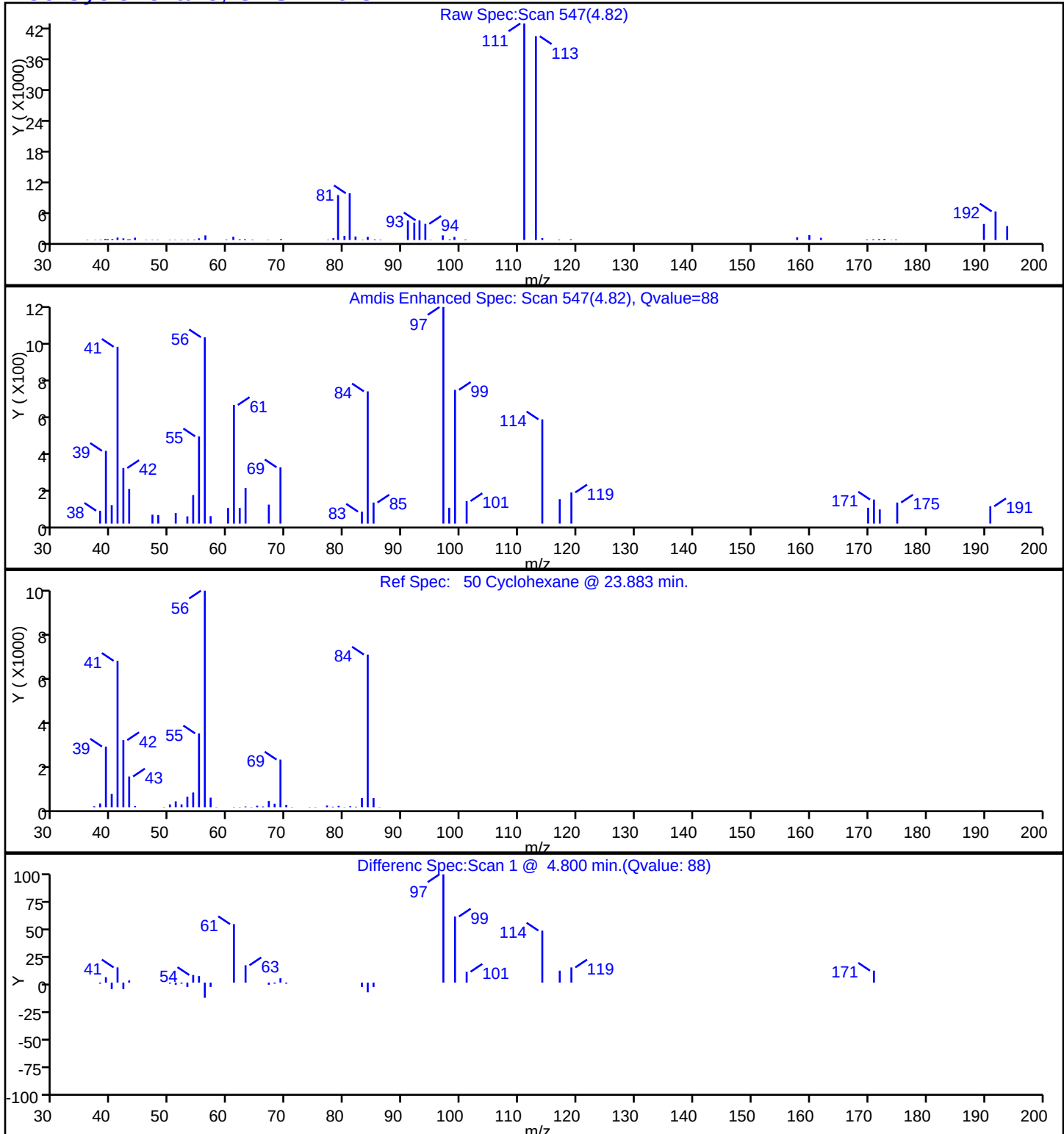
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19590.D

Injection Date: 26-Mar-2016 11:01:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-2

Lab Sample ID: 460-110867-2

Client ID: BP3B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 11

Purge Vol: 5.000 mL

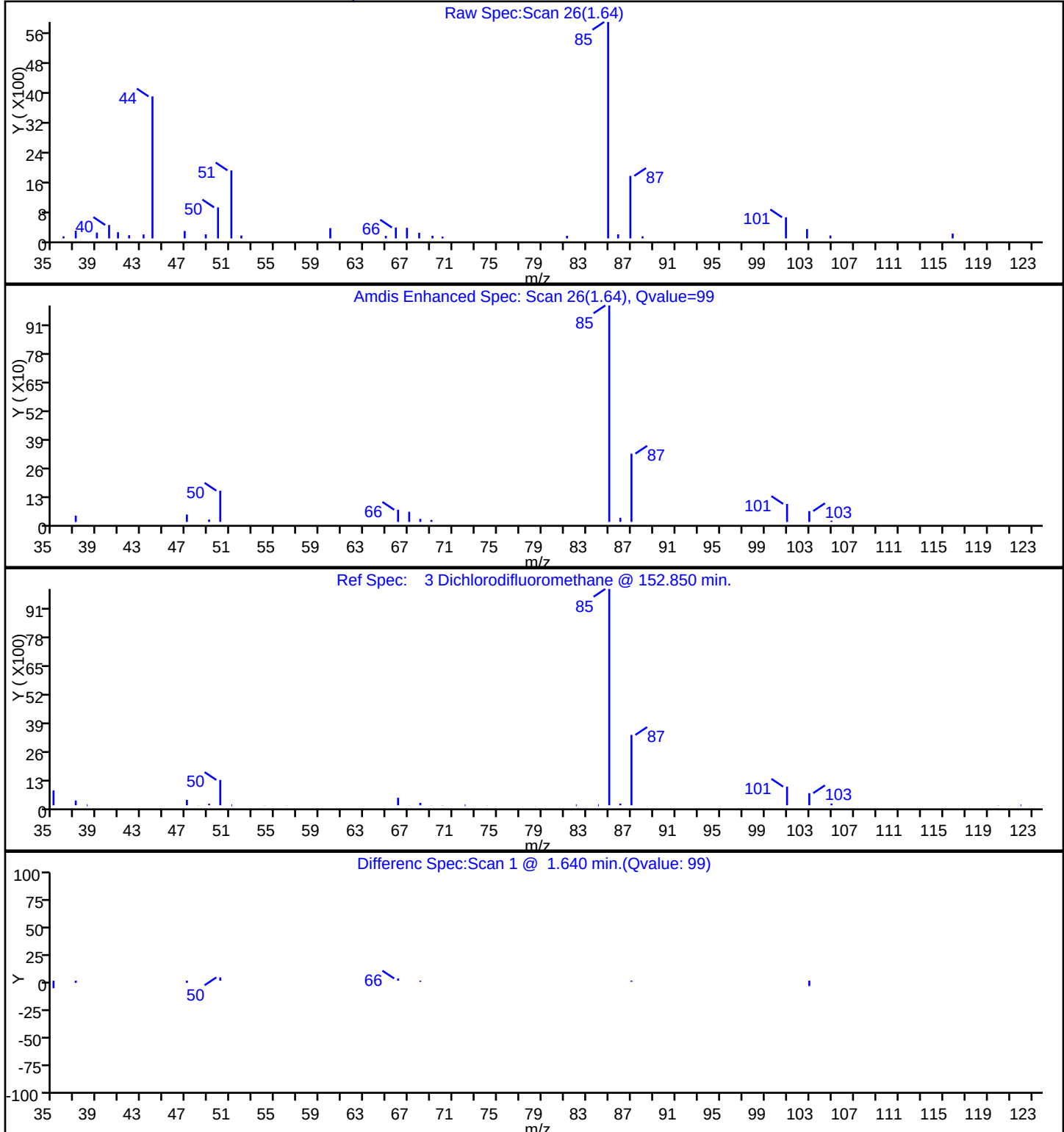
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>BP3C-CP-00-031716</u>	Lab Sample ID: <u>460-110867-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19591.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 11:28</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 11:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	18		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.29	J	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	3.8		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.39	J	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	74		1.0	0.26
67-66-3	Chloroform	0.30	J	1.0	0.22
107-06-2	1,2-Dichloroethane	0.28	J	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	0.78	J	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	11		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	99		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: BP3C-CP-00-031716 Lab Sample ID: 460-110867-3
 Matrix: Water Lab File ID: A19591.D
 Analysis Method: 8260C Date Collected: 03/14/2016 11:28
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 11:22
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.7		1.0	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.55	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	3.8		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D
 Lims ID: 460-110867-A-3 Lab Sample ID: 460-110867-3
 Client ID: BP3C-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 11:22:30 ALS Bottle#: 5 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-3
 Misc. Info.: 460-0039013-012
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:25:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.633	1.627	0.006	100	17323	3.77	
10 Trichlorofluoromethane	101	2.523	2.529	-0.006	36	1058	0.2853	
17 1,1,2-Trichloro-1,2,2-trif	101	3.005	2.974	0.031	57	2448	1.72	
19 Acetone	43	3.108	3.084	0.024	88	19041	17.7	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	240977	1000.0	
31 trans-1,2-Dichloroethene	96	3.639	3.626	0.013	91	925	0.3938	
35 1,1-Dichloroethane	63	4.005	4.004	0.001	99	19833	3.84	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	316846	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	90	177923	73.7	
49 Chloroform	83	4.694	4.693	0.001	90	1200	0.2966	
50 Cyclohexane	56	4.809	4.809	0.000	32	2237	0.5535	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	102338	50.6	
52 1,1,1-Trichloroethane	97	4.815	4.821	-0.006	35	2335	0.7762	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	157701	51.4	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	1	981	0.2817	
* 64 Fluorobenzene	96	5.315	5.309	0.006	96	392318	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	91	23080	10.9	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	16546	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	370296	49.7	
86 Tetrachloroethene	166	7.150	7.144	0.006	88	150524	99.0	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	254287	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	86027	49.3	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	128853	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Worklist Smp#: 12

Client ID: BP3C-CP-00-031716

Purge Vol: 5.000 mL

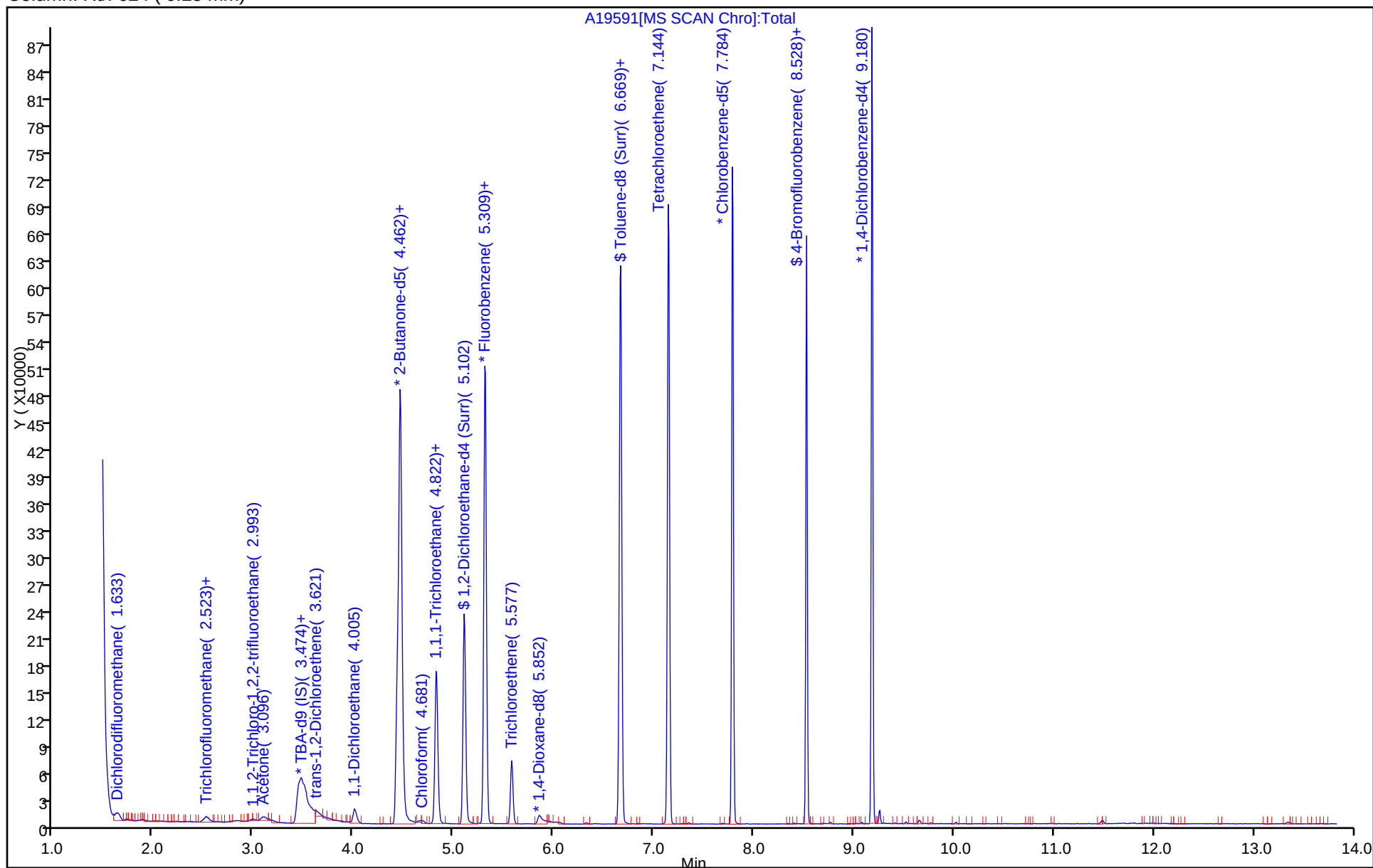
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

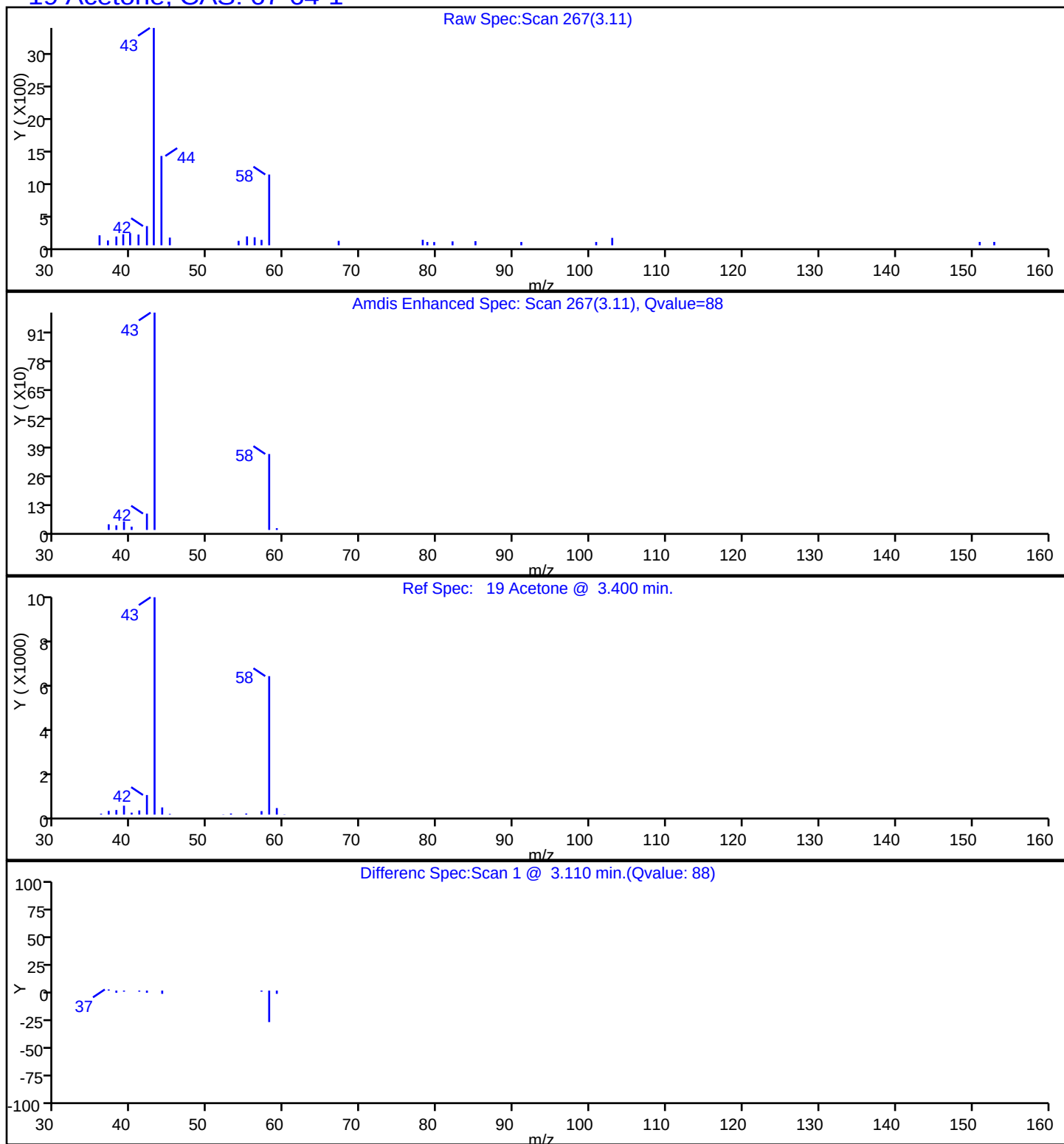
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

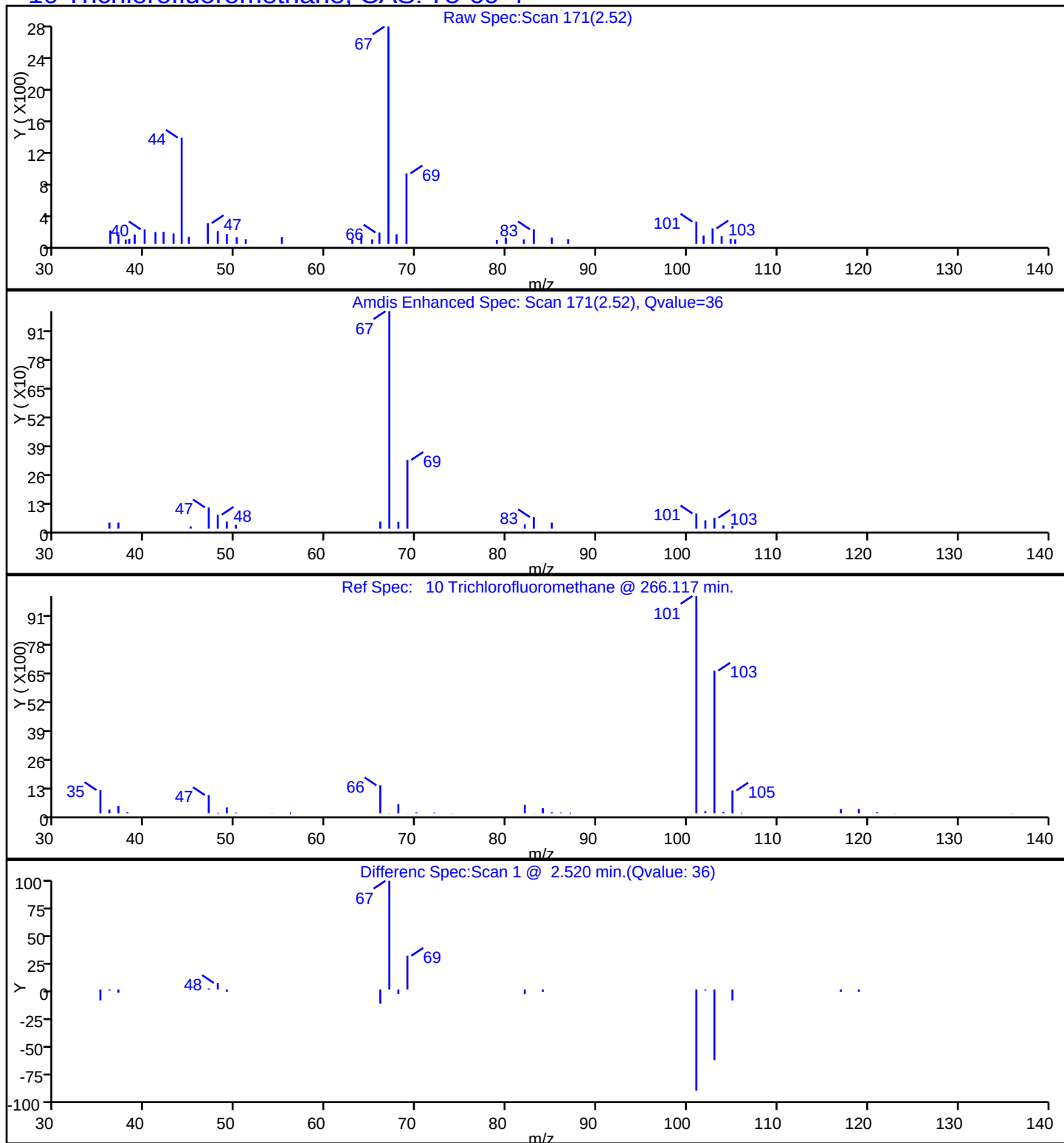
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Trichlorofluoromethane, CAS: 75-69-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5

Worklist Smp#: 12

Purge Vol: 5.000 mL

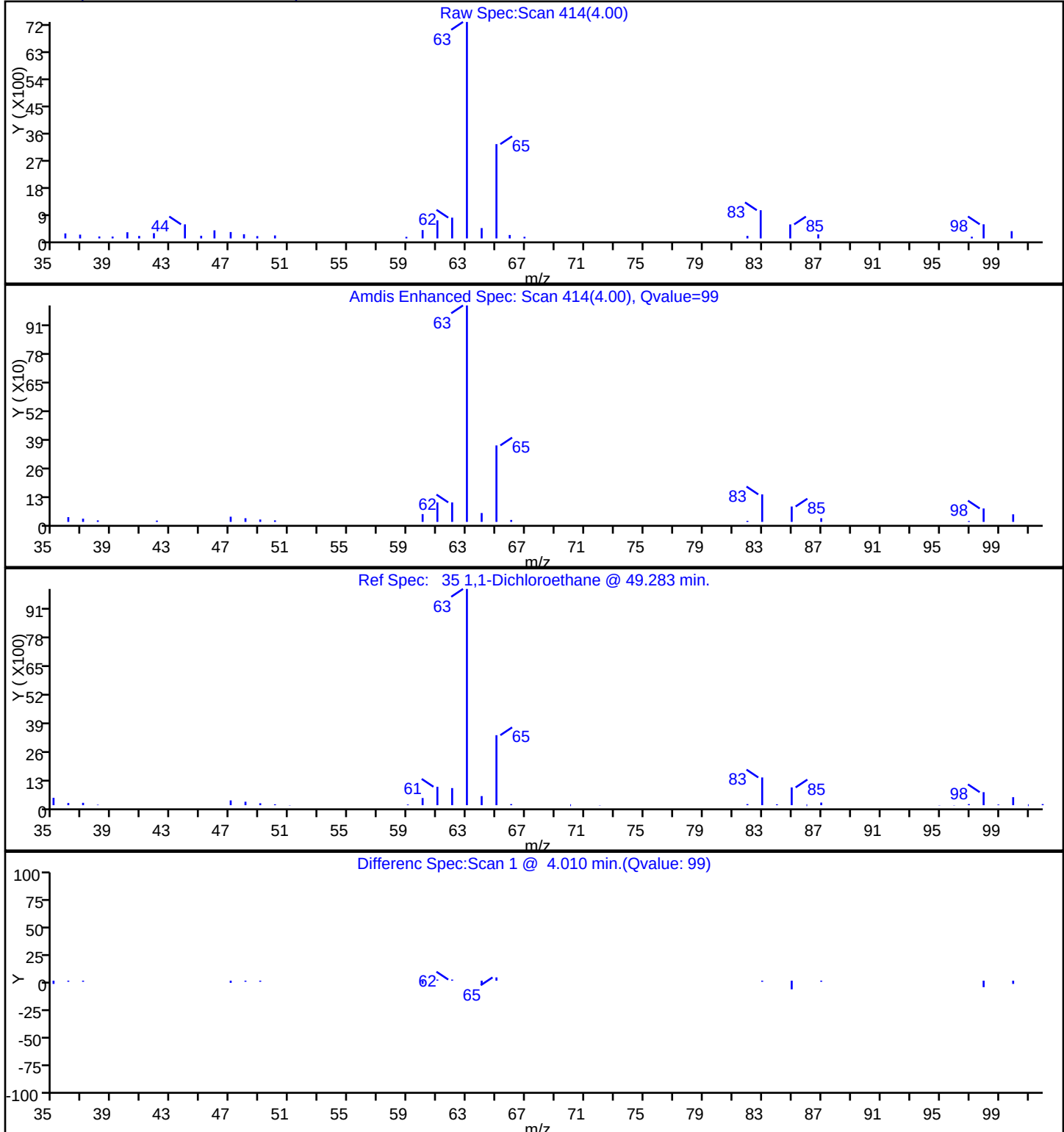
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

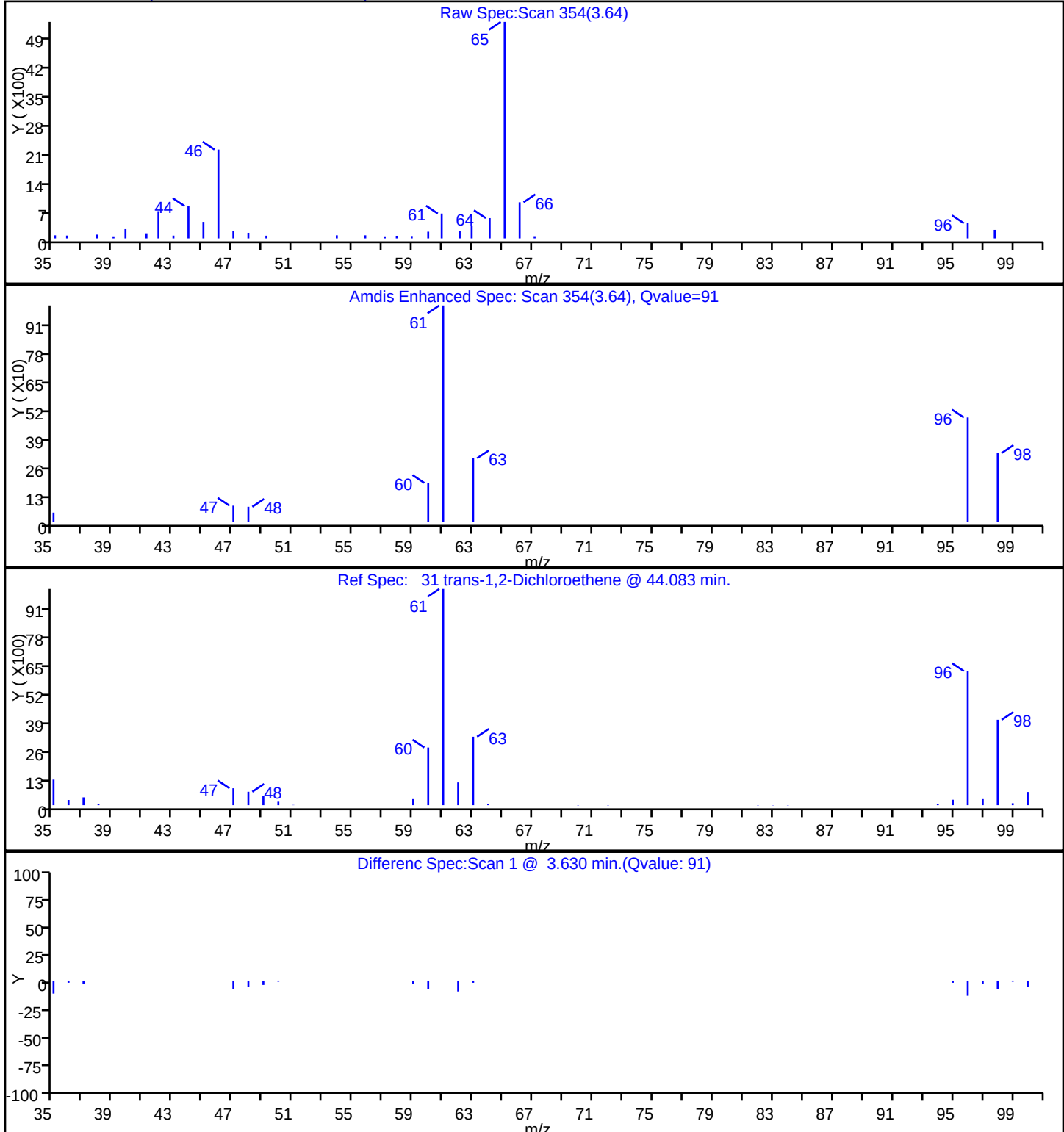
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

31 trans-1,2-Dichloroethene, CAS: 156-60-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5

Worklist Smp#: 12

Purge Vol: 5.000 mL

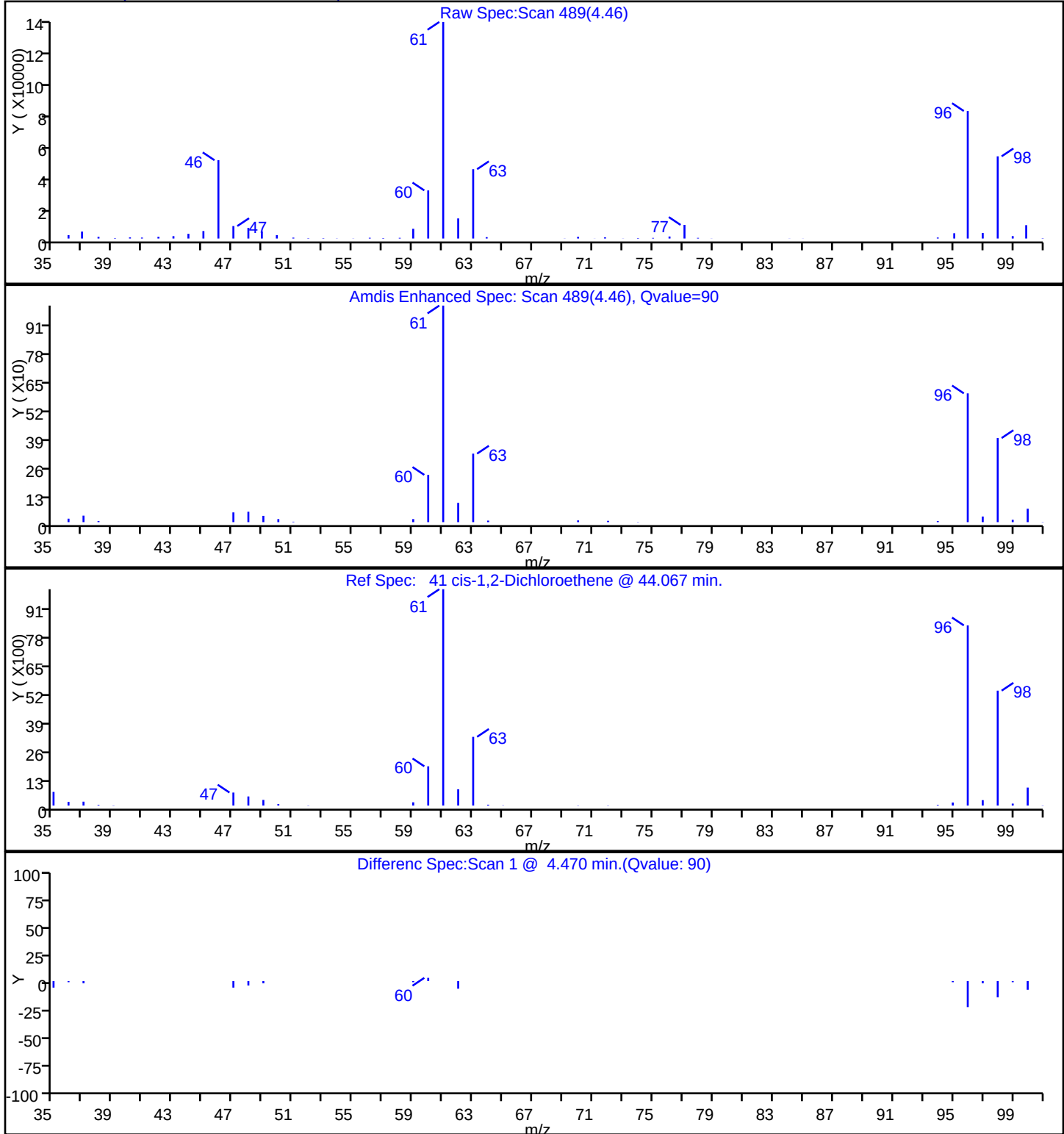
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

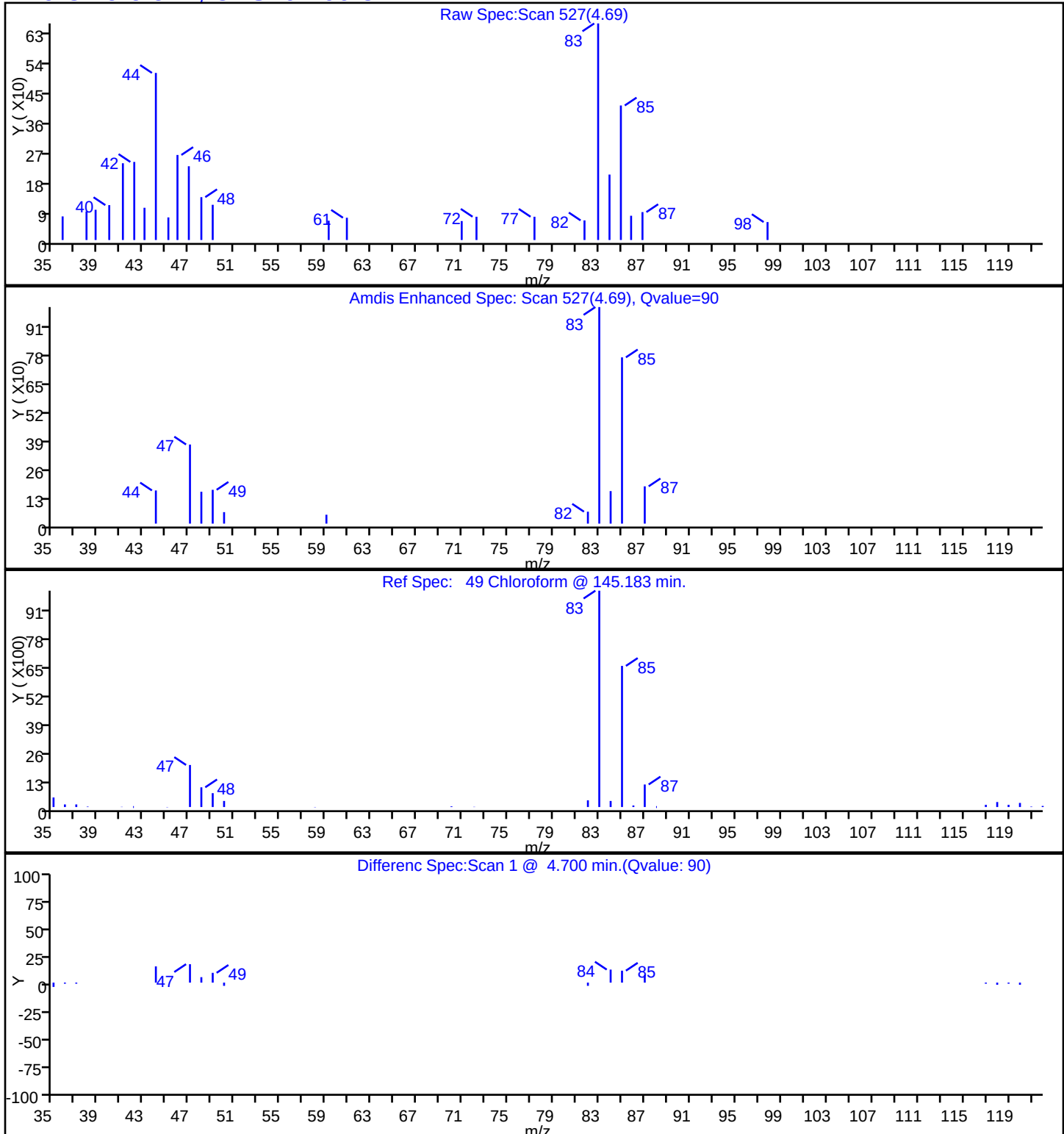
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Chloroform, CAS: 67-66-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

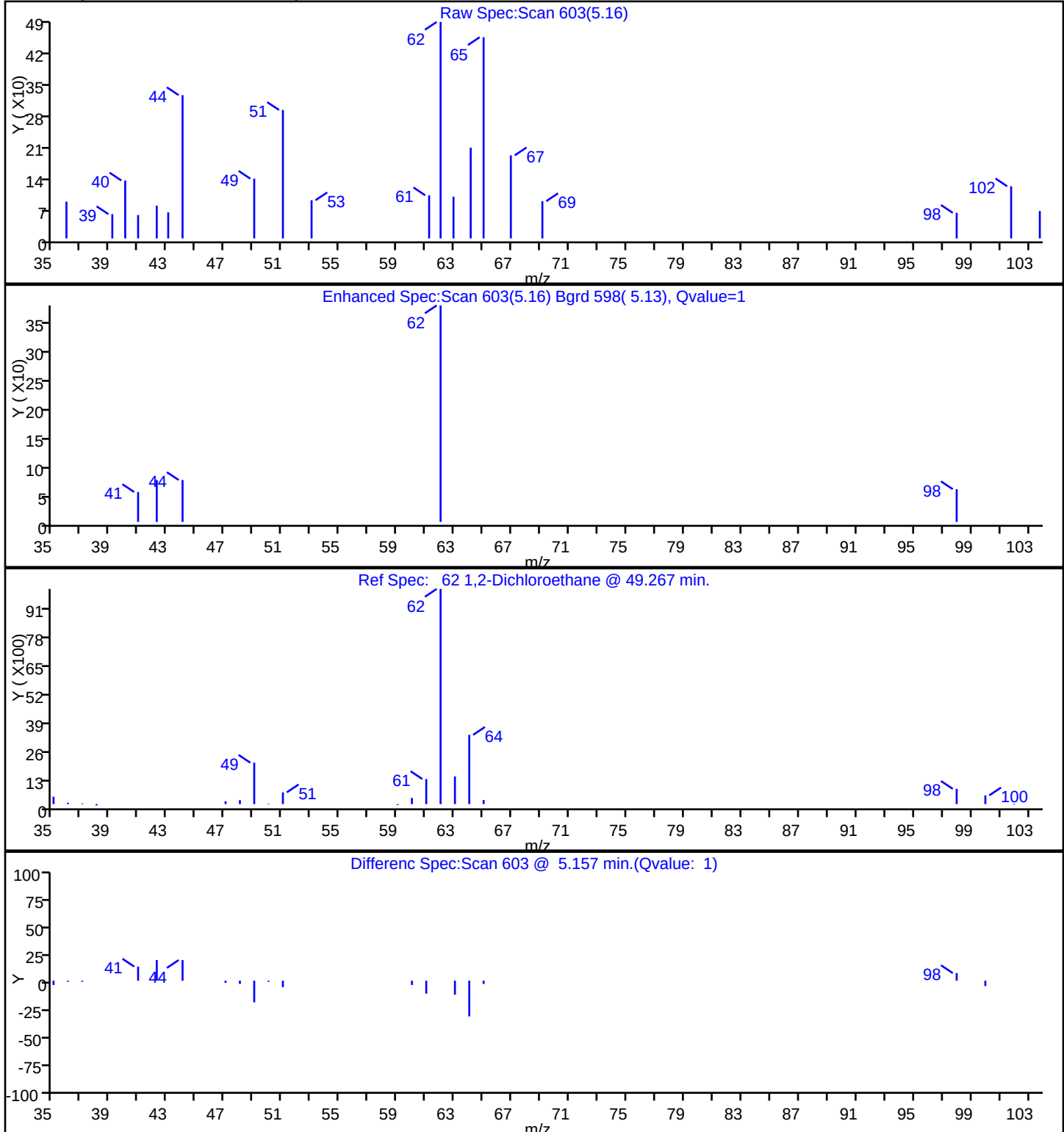
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

62 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

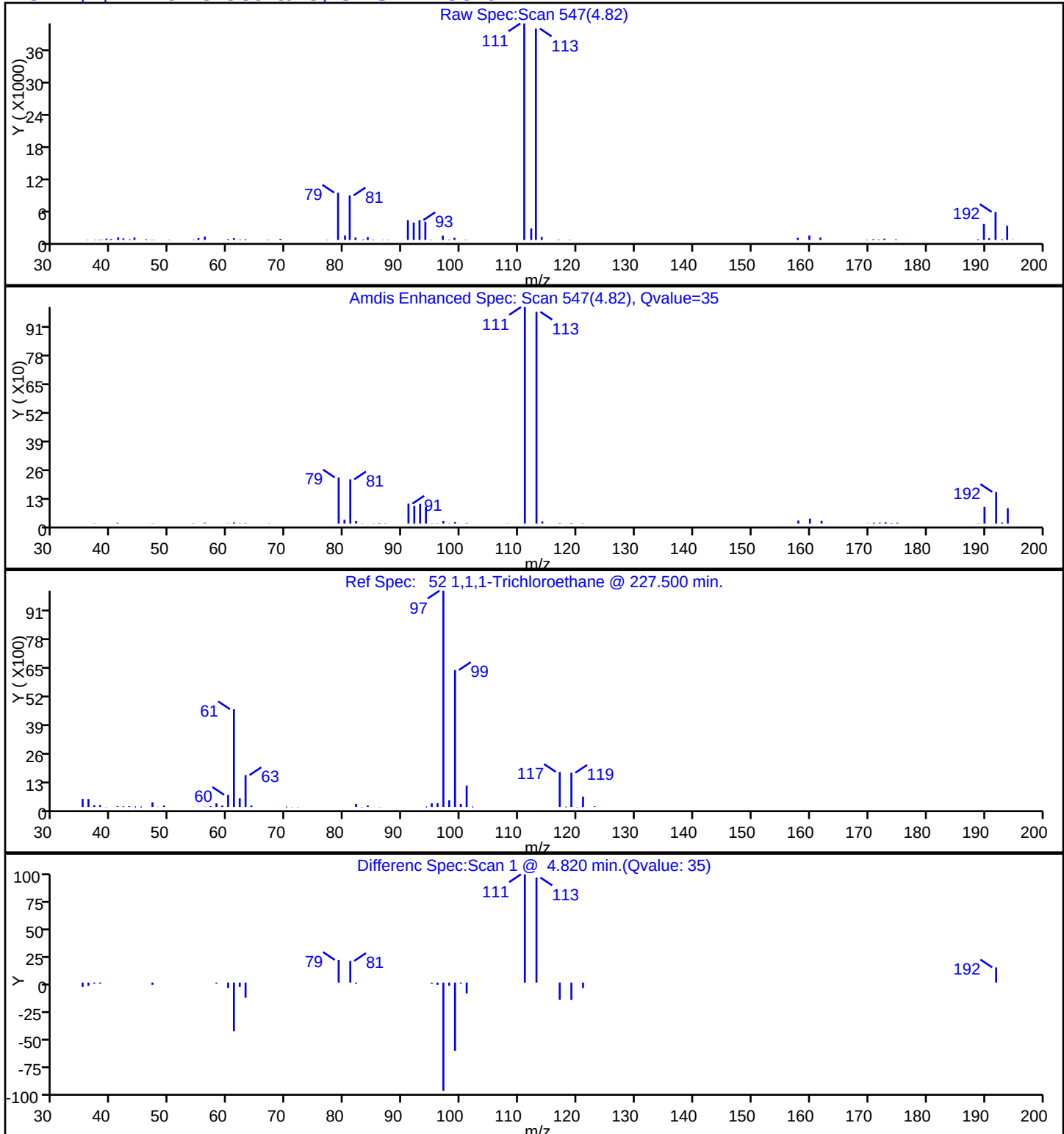
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

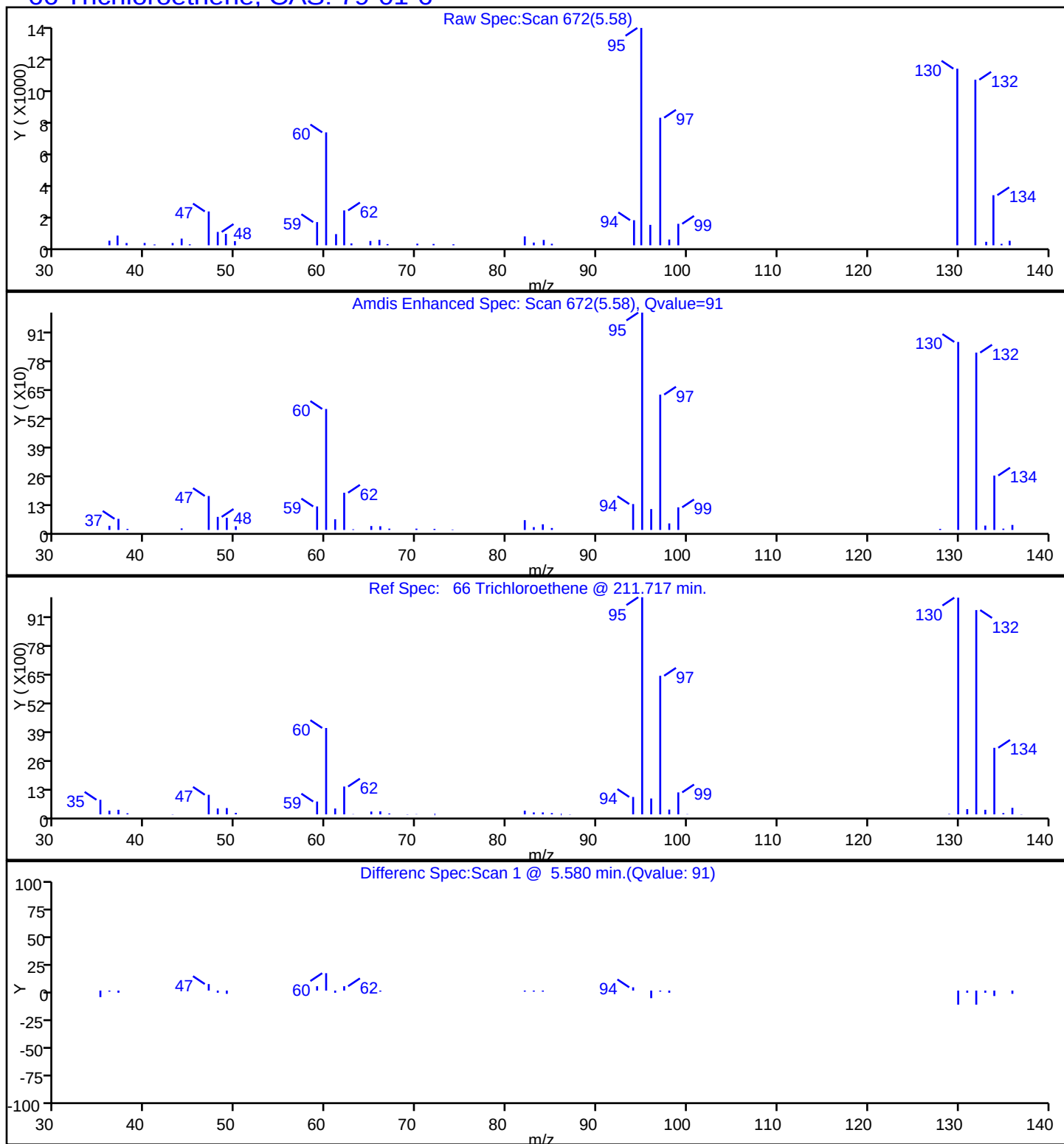
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5

Worklist Smp#: 12

Purge Vol: 5.000 mL

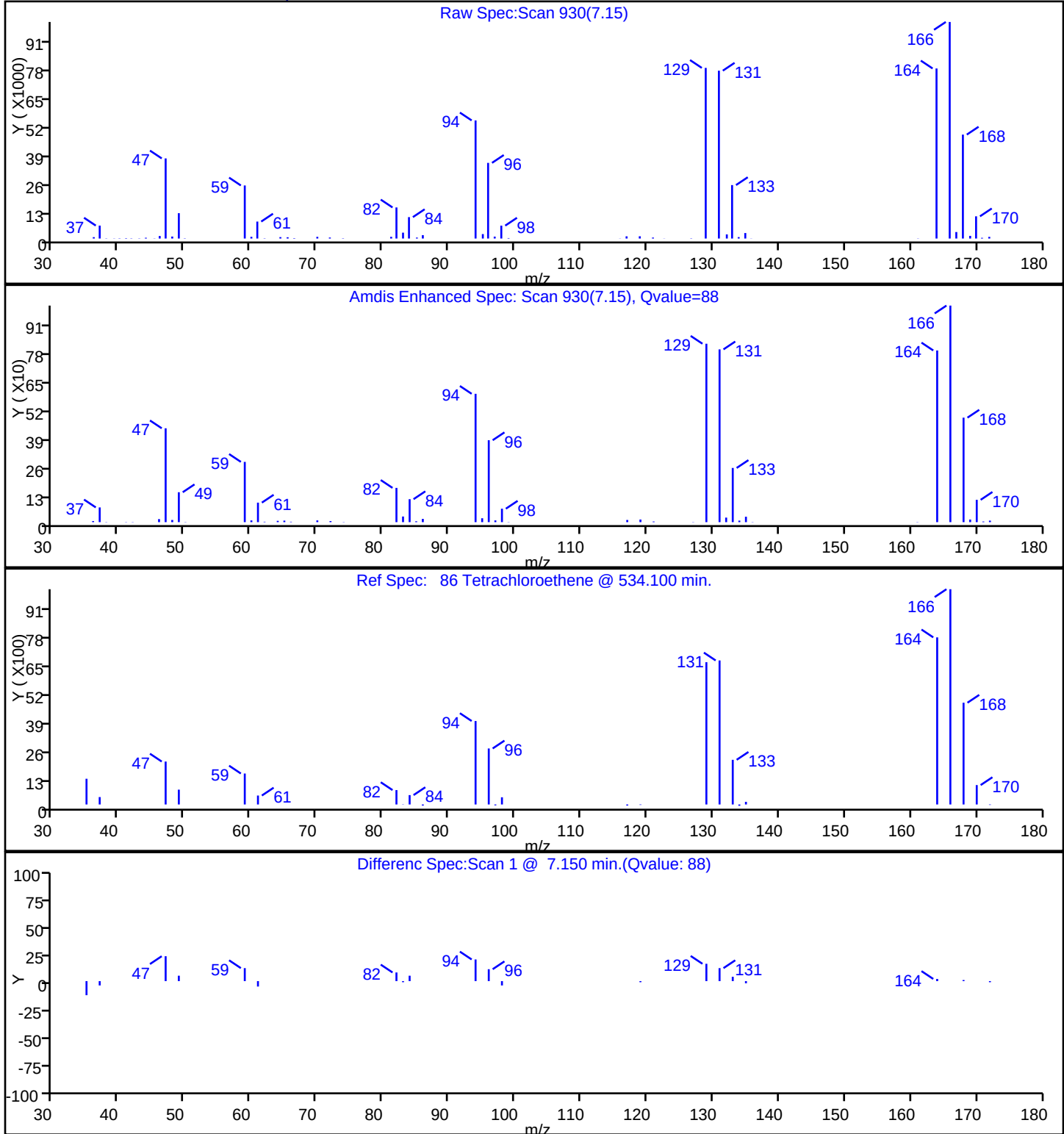
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5

Worklist Smp#: 12

Purge Vol: 5.000 mL

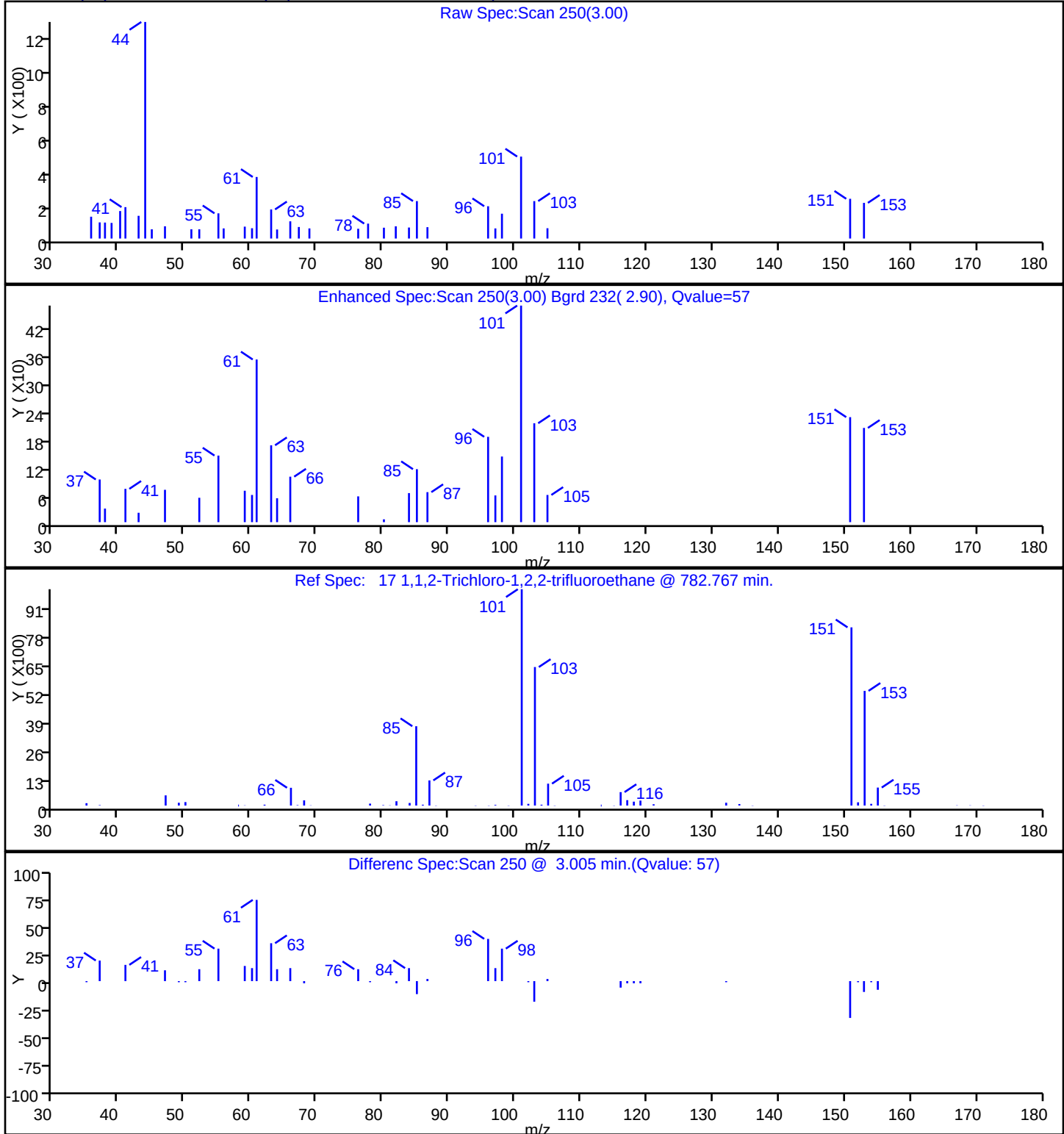
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

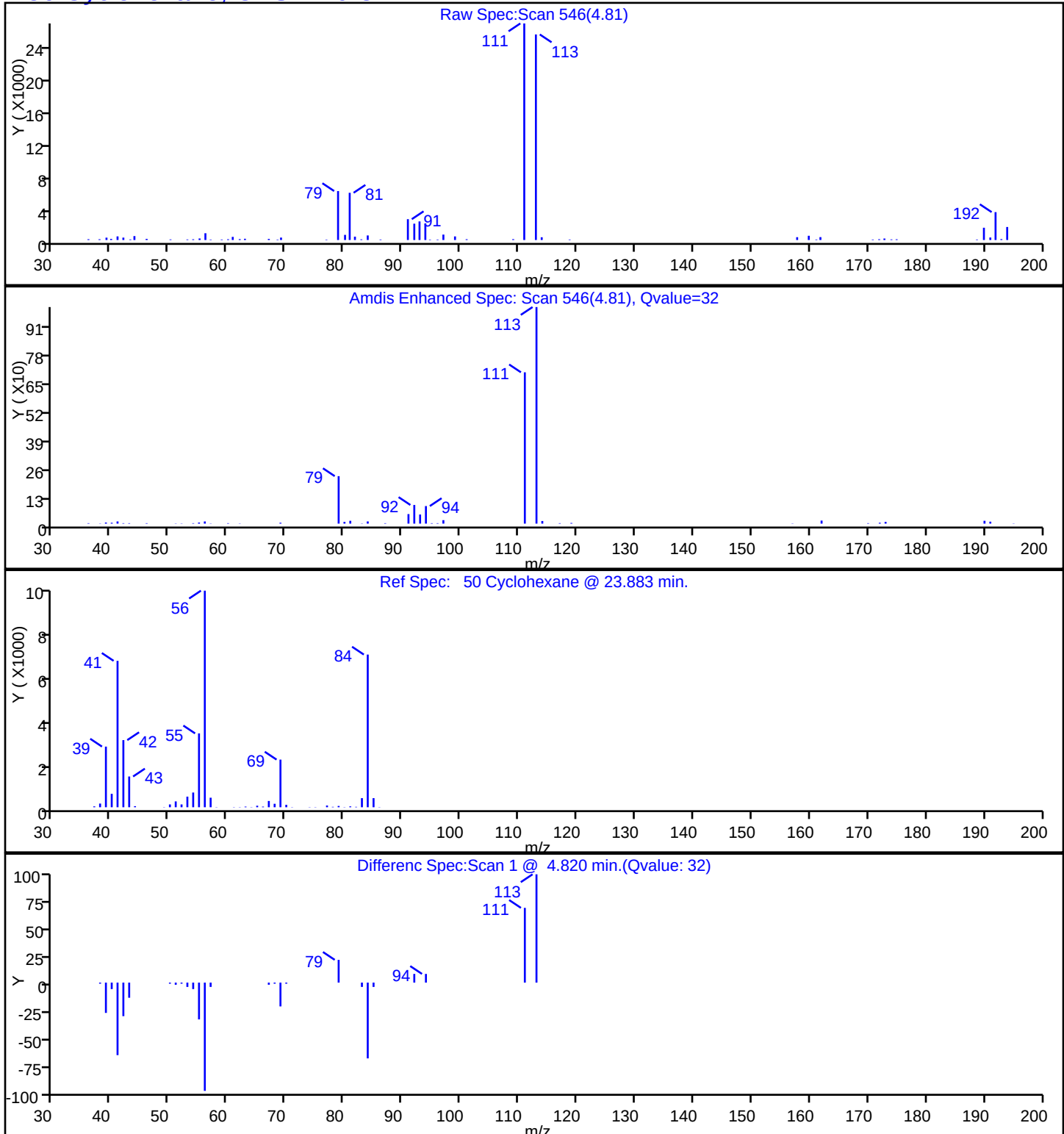
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19591.D

Injection Date: 26-Mar-2016 11:22:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-3

Lab Sample ID: 460-110867-3

Client ID: BP3C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 5 Worklist Smp#: 12

Purge Vol: 5.000 mL

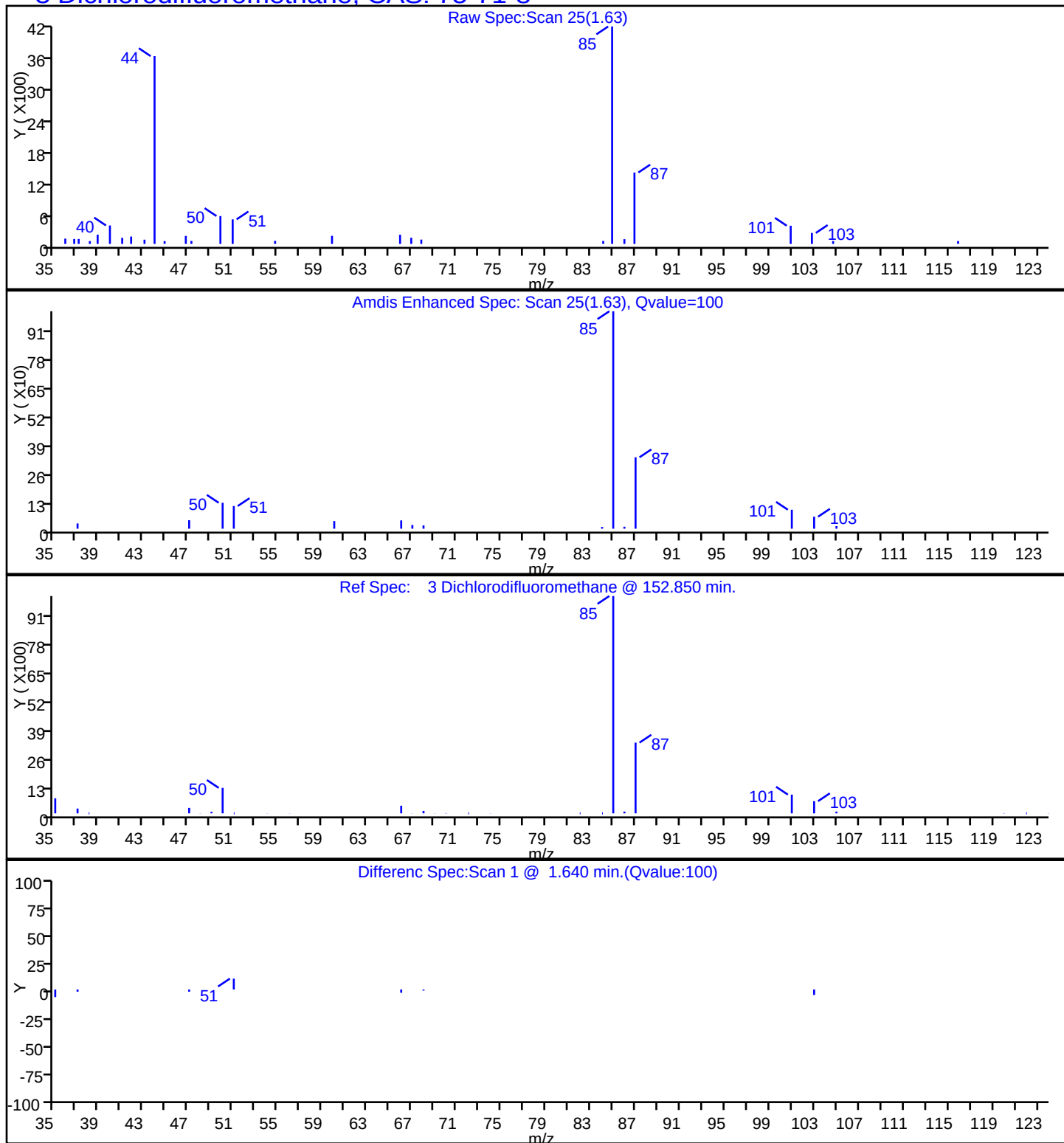
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>DW1-CP-00-031716</u>	Lab Sample ID: <u>460-110867-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19645.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 10:11</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 12:41</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	38		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.47	J	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.8		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.23	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: DW1-CP-00-031716 Lab Sample ID: 460-110867-4
 Matrix: Water Lab File ID: A19645.D
 Analysis Method: 8260C Date Collected: 03/16/2016 10:11
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 12:41
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.66	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75		70-137
2037-26-5	Toluene-d8 (Surr)	77		74-120
460-00-4	4-Bromofluorobenzene	75		70-131
1868-53-7	Dibromofluoromethane (Surr)	77		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19645.D
 Lims ID: 460-110867-A-4 Lab Sample ID: 460-110867-4
 Client ID: DW1-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 12:41:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-4
 Misc. Info.: 460-0039079-011
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 14:58:15 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:10:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.078	0.012	85	39559	37.6	
* 28 TBA-d9 (IS)	65	3.474	3.456	0.018	0	232945	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	310058	250.0	
41 cis-1,2-Dichloroethene	96	4.474	4.462	0.012	87	1198	0.4734	
50 Cyclohexane	56	4.815	4.803	0.012	63	2811	0.6639	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	81636	38.6	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	120221	37.4	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	411027	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	90	4096	1.84	
* 70 1,4-Dioxane-d8	96	5.846	5.852	-0.006	0	14641	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	292295	38.5	
86 Tetrachloroethene	166	7.144	7.144	0.000	87	350	0.2261	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	258906	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	77	67098	37.7	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.193	-0.006	97	135071	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19645.D

Injection Date: 28-Mar-2016 12:41:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-4

Lab Sample ID: 460-110867-4

Worklist Smp#: 11

Client ID: DW1-CP-00-031716

Purge Vol: 5.000 mL

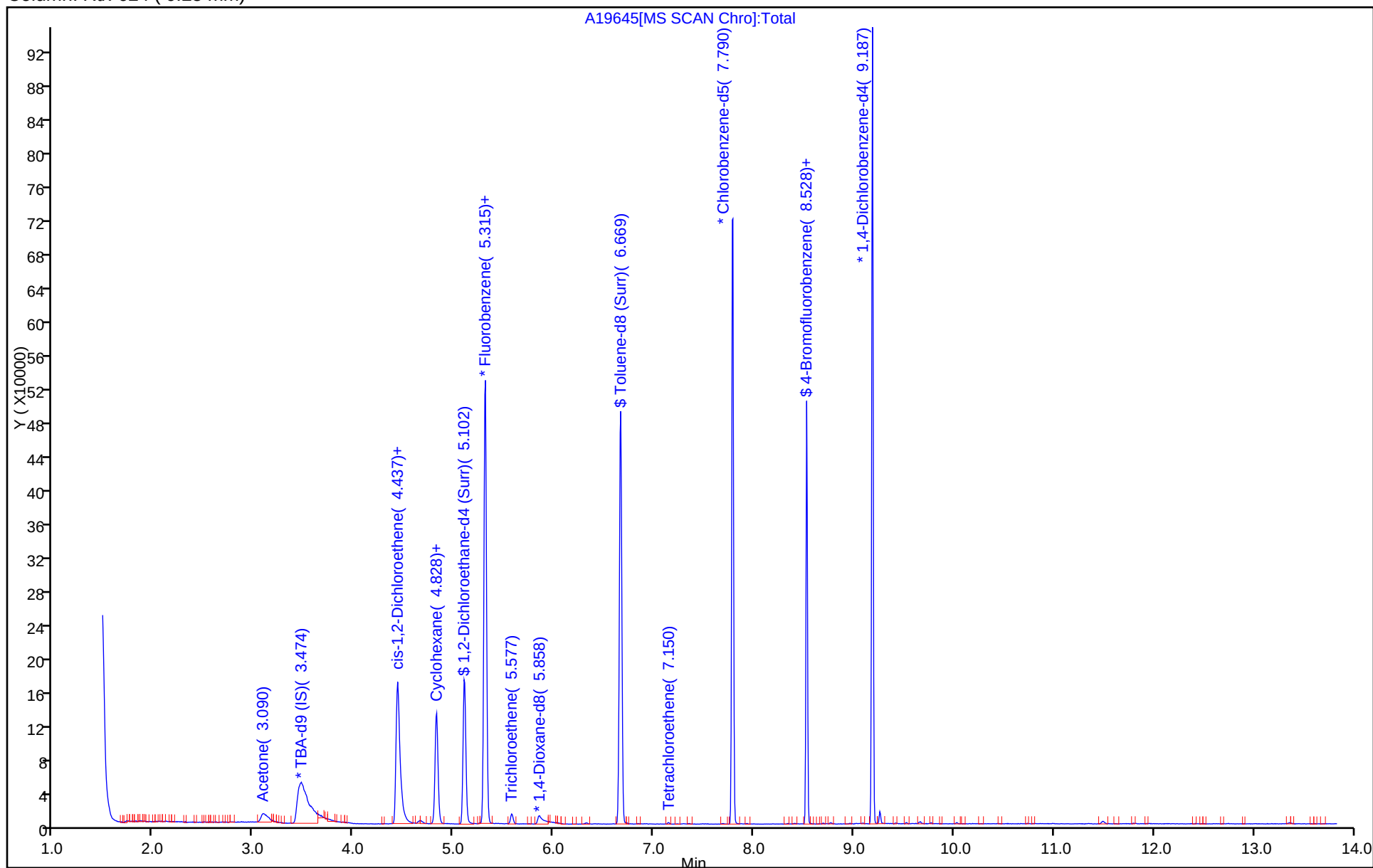
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19645.D

Injection Date: 28-Mar-2016 12:41:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-4

Lab Sample ID: 460-110867-4

Client ID: DW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

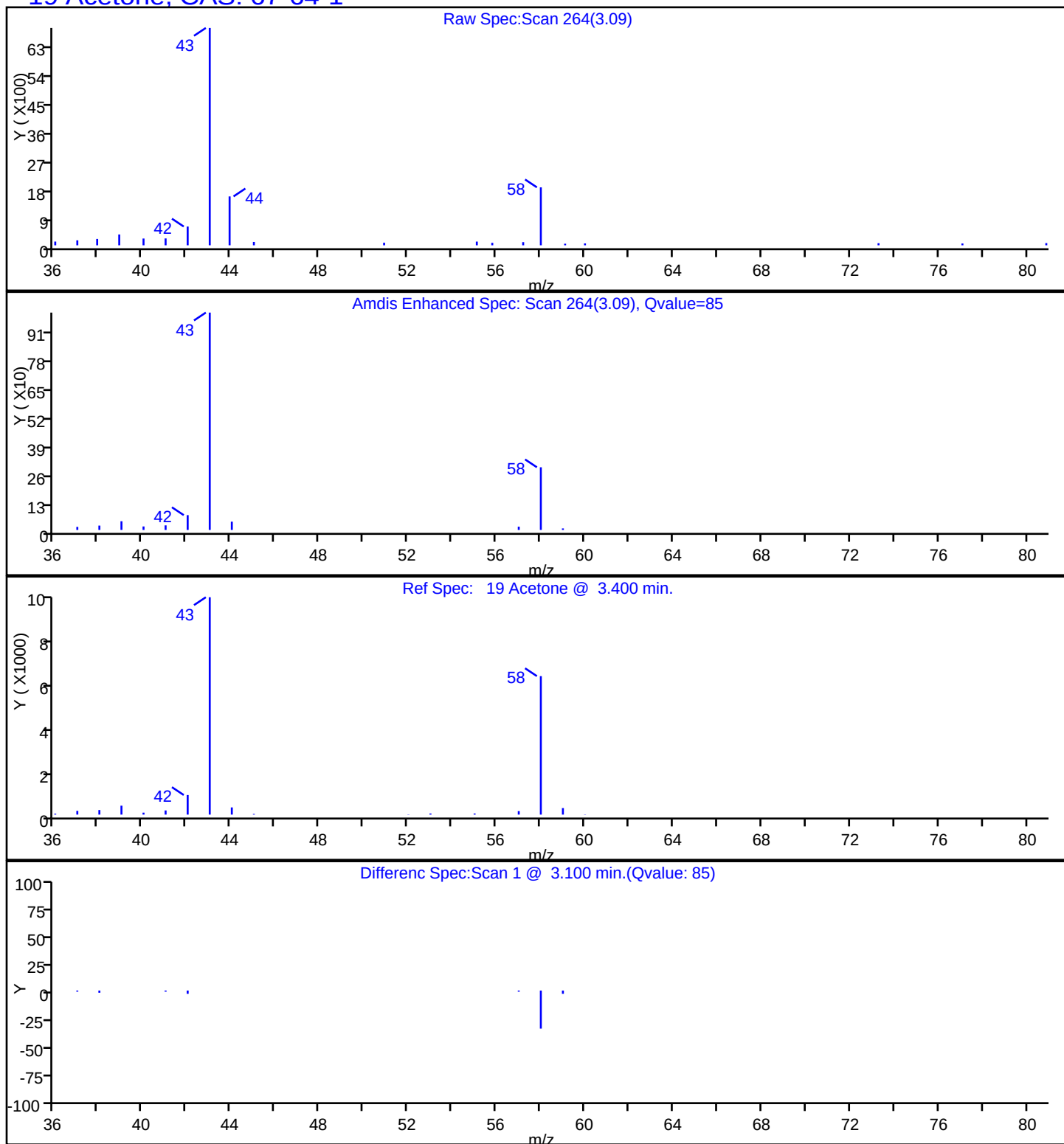
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19645.D

Injection Date: 28-Mar-2016 12:41:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-4

Lab Sample ID: 460-110867-4

Client ID: DW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

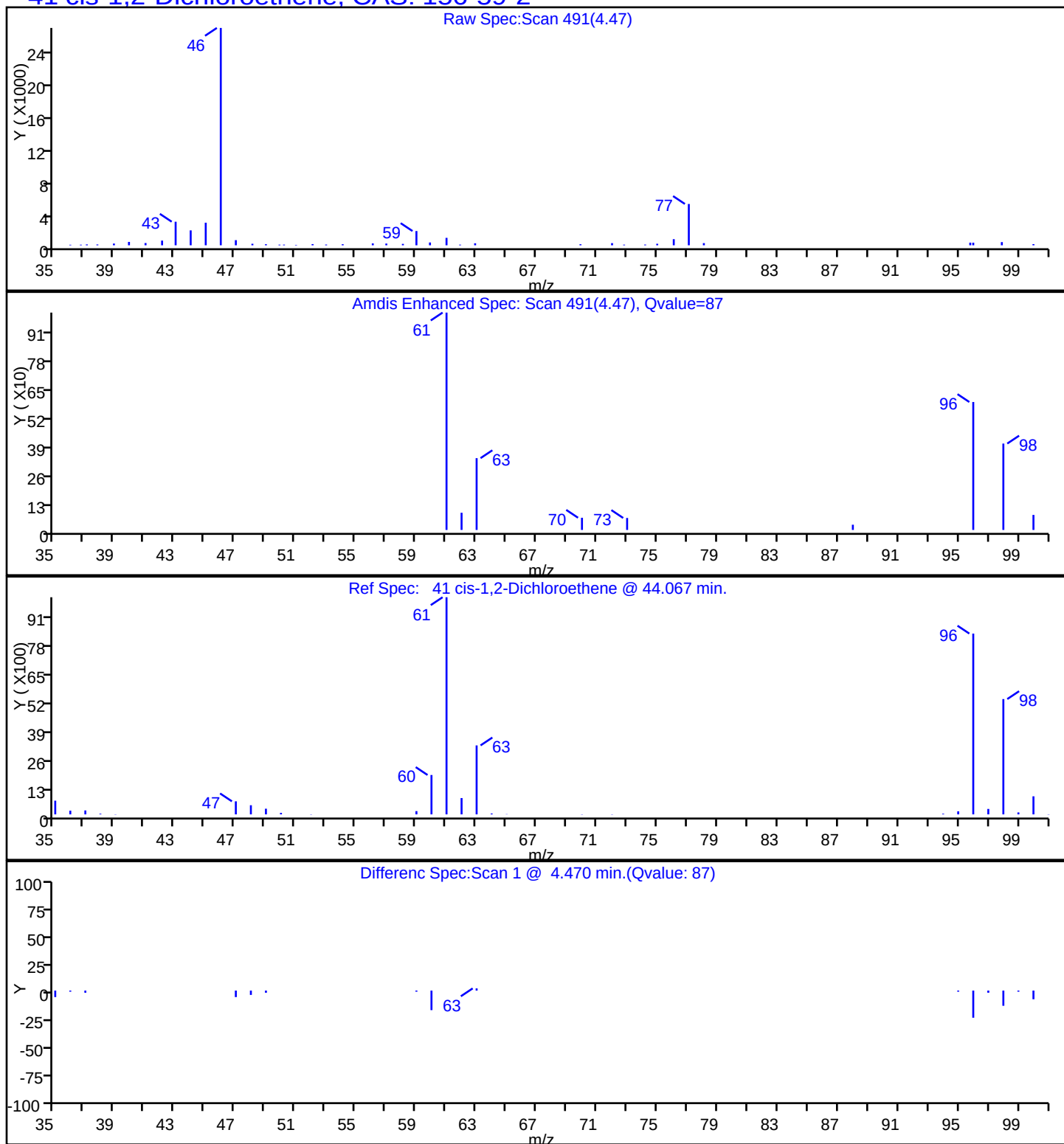
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19645.D

Injection Date: 28-Mar-2016 12:41:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-4

Lab Sample ID: 460-110867-4

Client ID: DW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

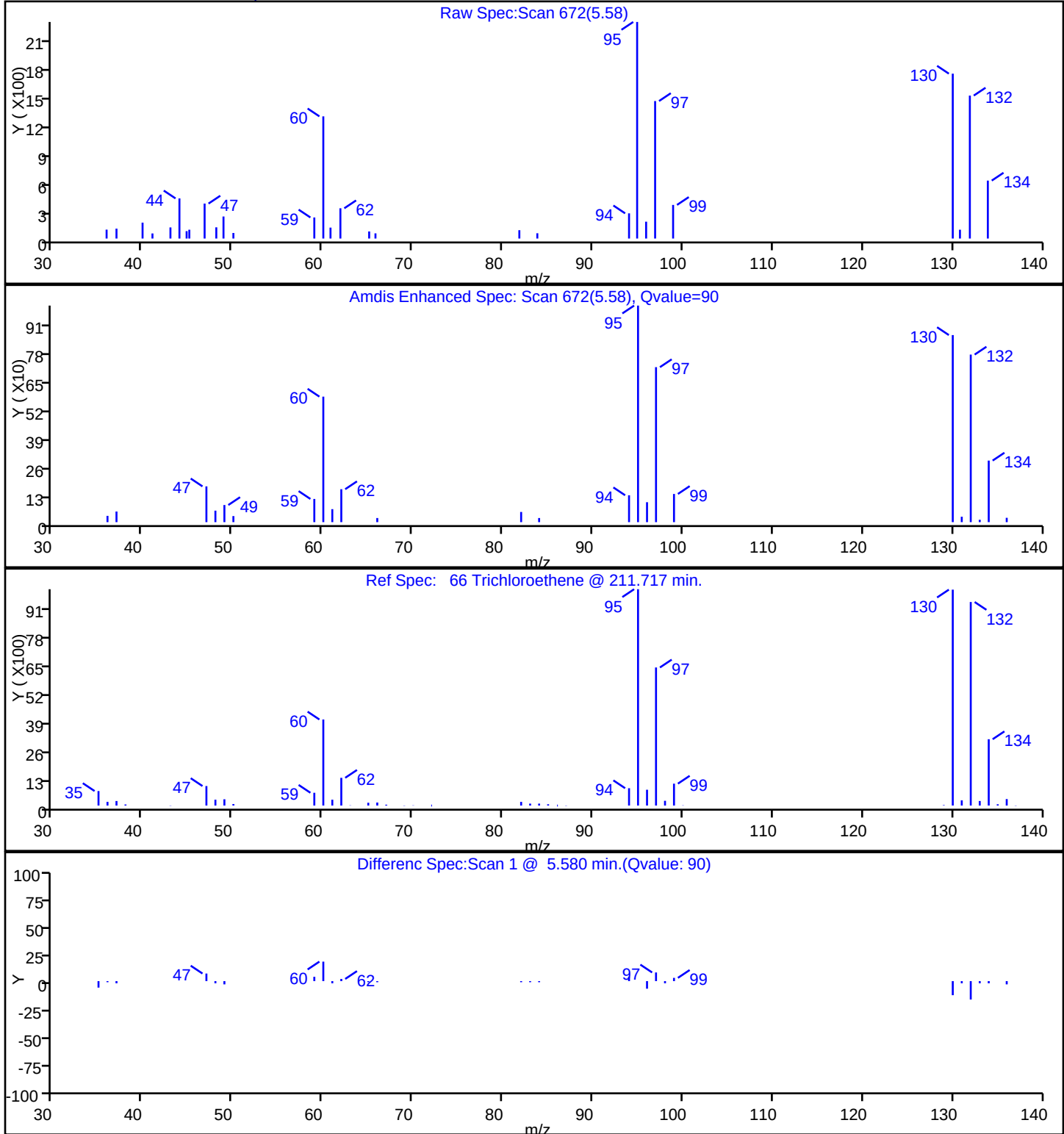
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19645.D

Injection Date: 28-Mar-2016 12:41:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-4

Lab Sample ID: 460-110867-4

Client ID: DW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

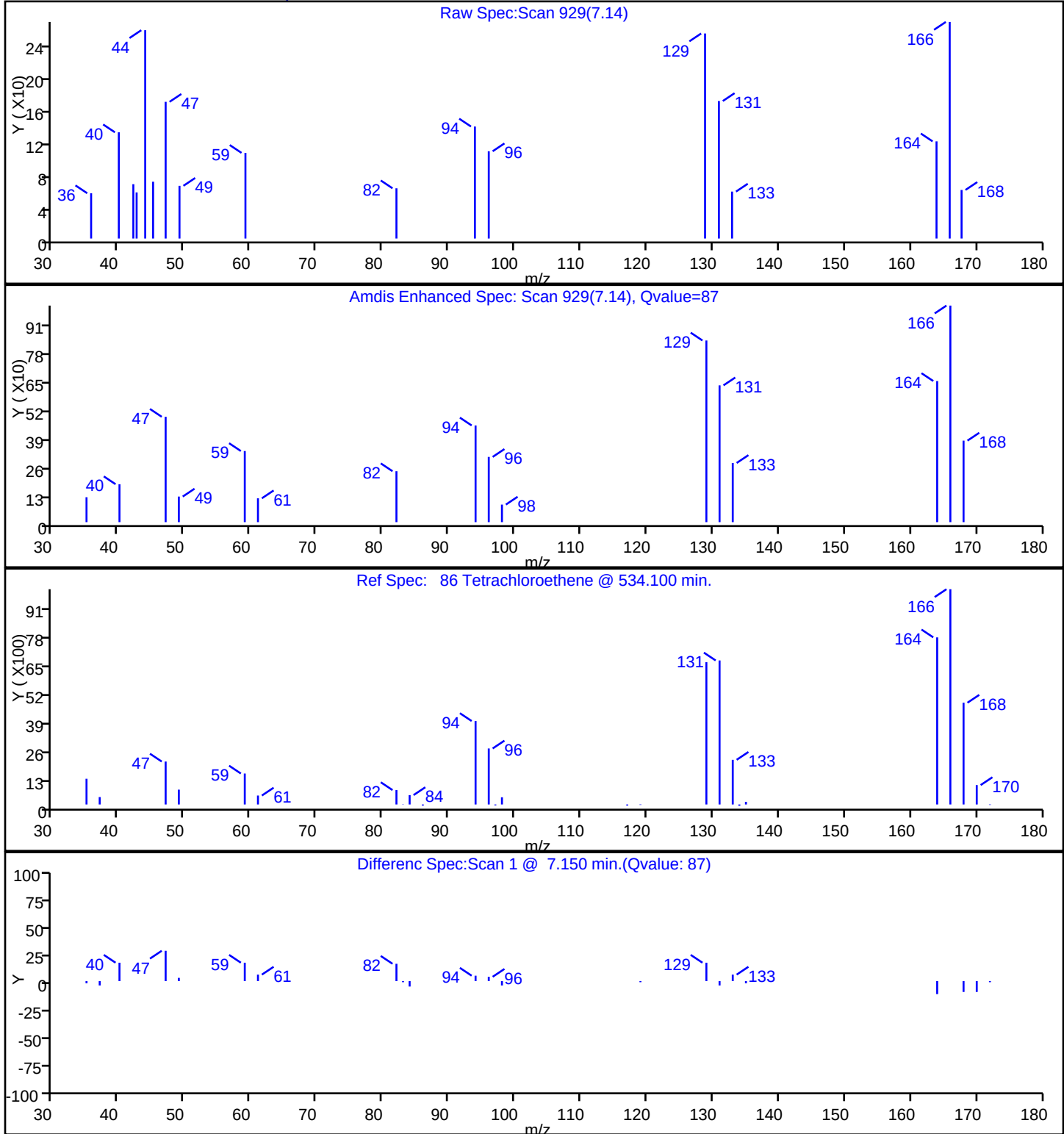
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19645.D

Injection Date: 28-Mar-2016 12:41:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-4

Lab Sample ID: 460-110867-4

Client ID: DW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

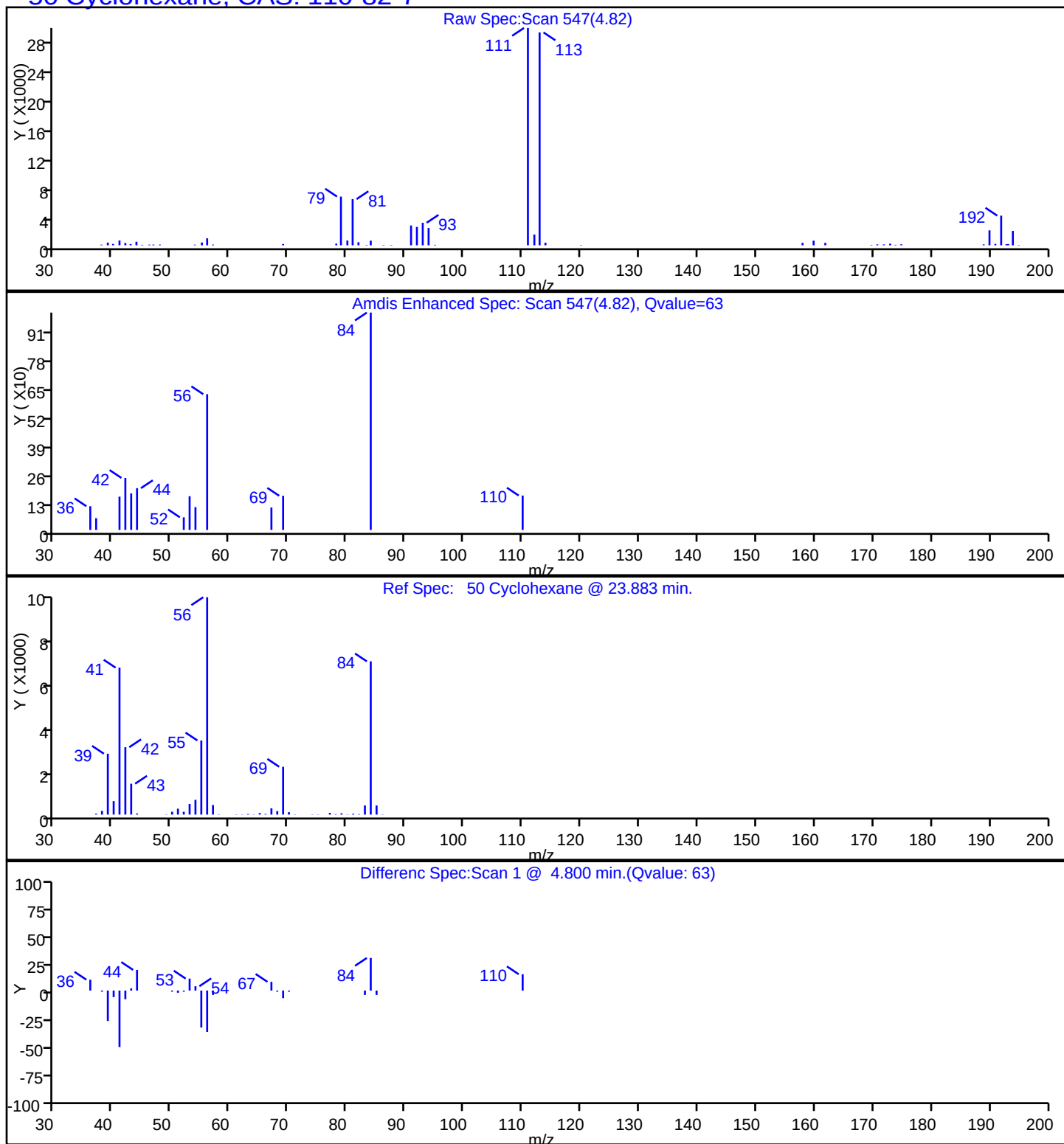
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>DW2-CP-00-031716</u>	Lab Sample ID: <u>460-110867-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19646.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 10:26</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 13:03</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.19	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: DW2-CP-00-031716 Lab Sample ID: 460-110867-5
 Matrix: Water Lab File ID: A19646.D
 Analysis Method: 8260C Date Collected: 03/16/2016 10:26
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 13:03
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.61	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-137
2037-26-5	Toluene-d8 (Surr)	101		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19646.D
 Lims ID: 460-110867-A-5 Lab Sample ID: 460-110867-5
 Client ID: DW2-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 13:03:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-5
 Misc. Info.: 460-0039079-012
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:21:36 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:10:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.450	3.456	-0.006	0	219276	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	299571	250.0	
50 Cyclohexane	56	4.809	4.803	0.006	31	2462	0.6052	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	102132	50.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	150824	48.8	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	394934	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14909	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	97	371800	50.5	
86 Tetrachloroethene	166	7.150	7.144	0.006	81	280	0.1867	
* 92 Chlorobenzene-d5	117	7.791	7.784	0.007	94	250911	50.0	
\$ 103 4-Bromofluorobenzene	174	8.534	8.534	0.000	82	86415	50.1	
* 119 1,4-Dichlorobenzene-d4	152	9.193	9.193	0.000	97	132508	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19646.D

Injection Date: 28-Mar-2016 13:03:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-5

Lab Sample ID: 460-110867-5

Worklist Smp#: 12

Client ID: DW2-CP-00-031716

Purge Vol: 5.000 mL

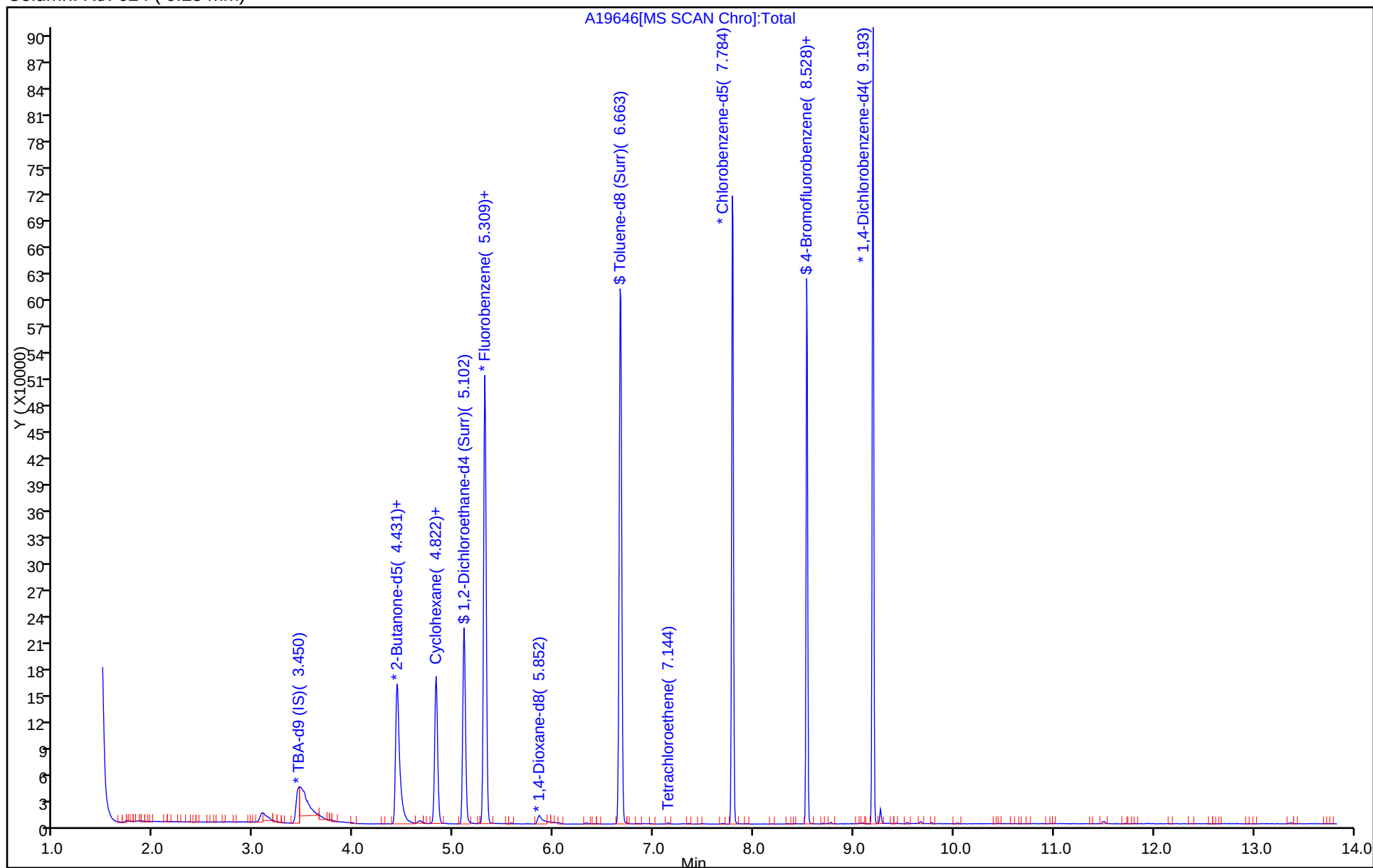
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19646.D

Injection Date: 28-Mar-2016 13:03:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-5

Lab Sample ID: 460-110867-5

Client ID: DW2-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

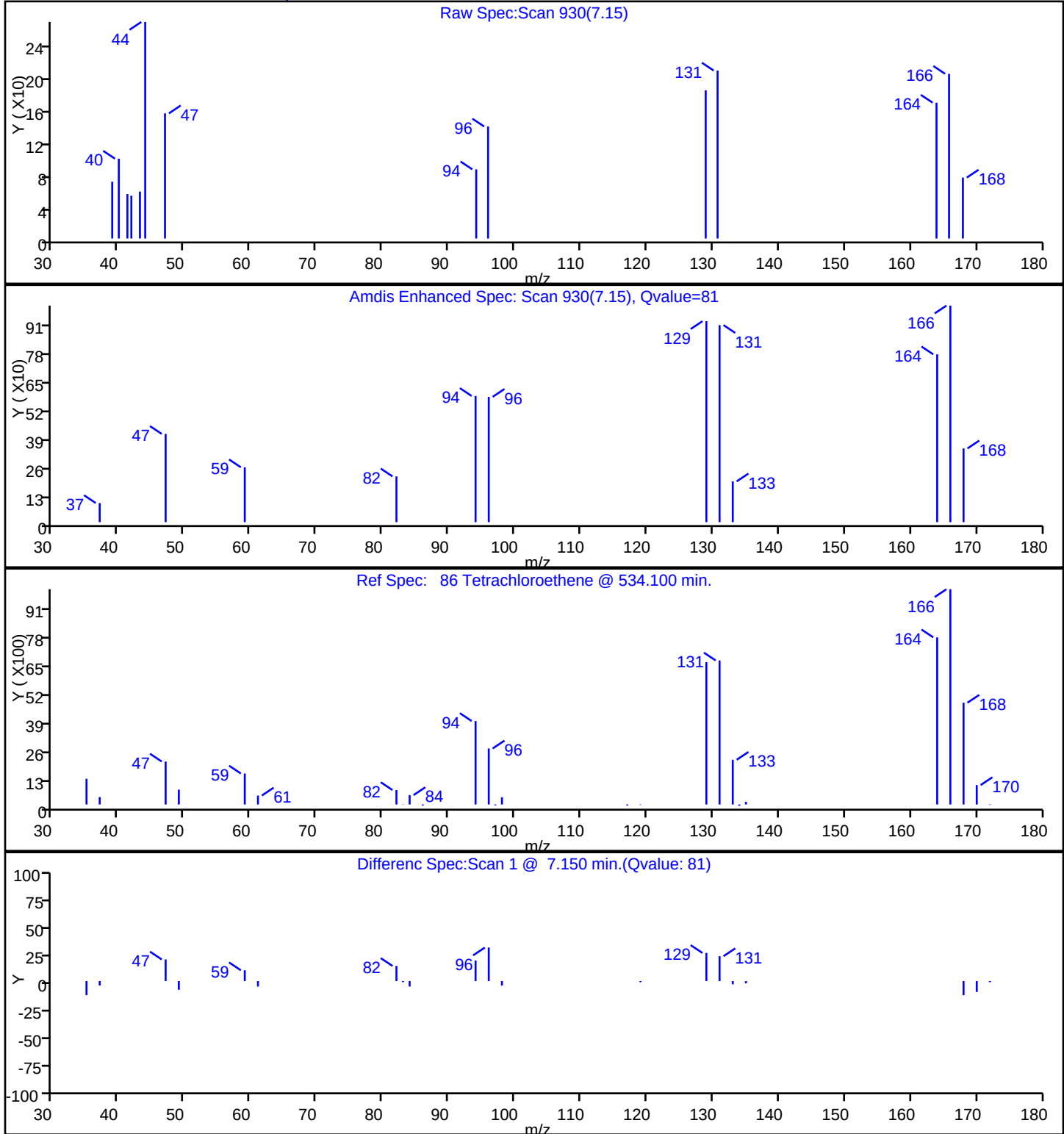
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19646.D

Injection Date: 28-Mar-2016 13:03:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-5

Lab Sample ID: 460-110867-5

Client ID: DW2-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

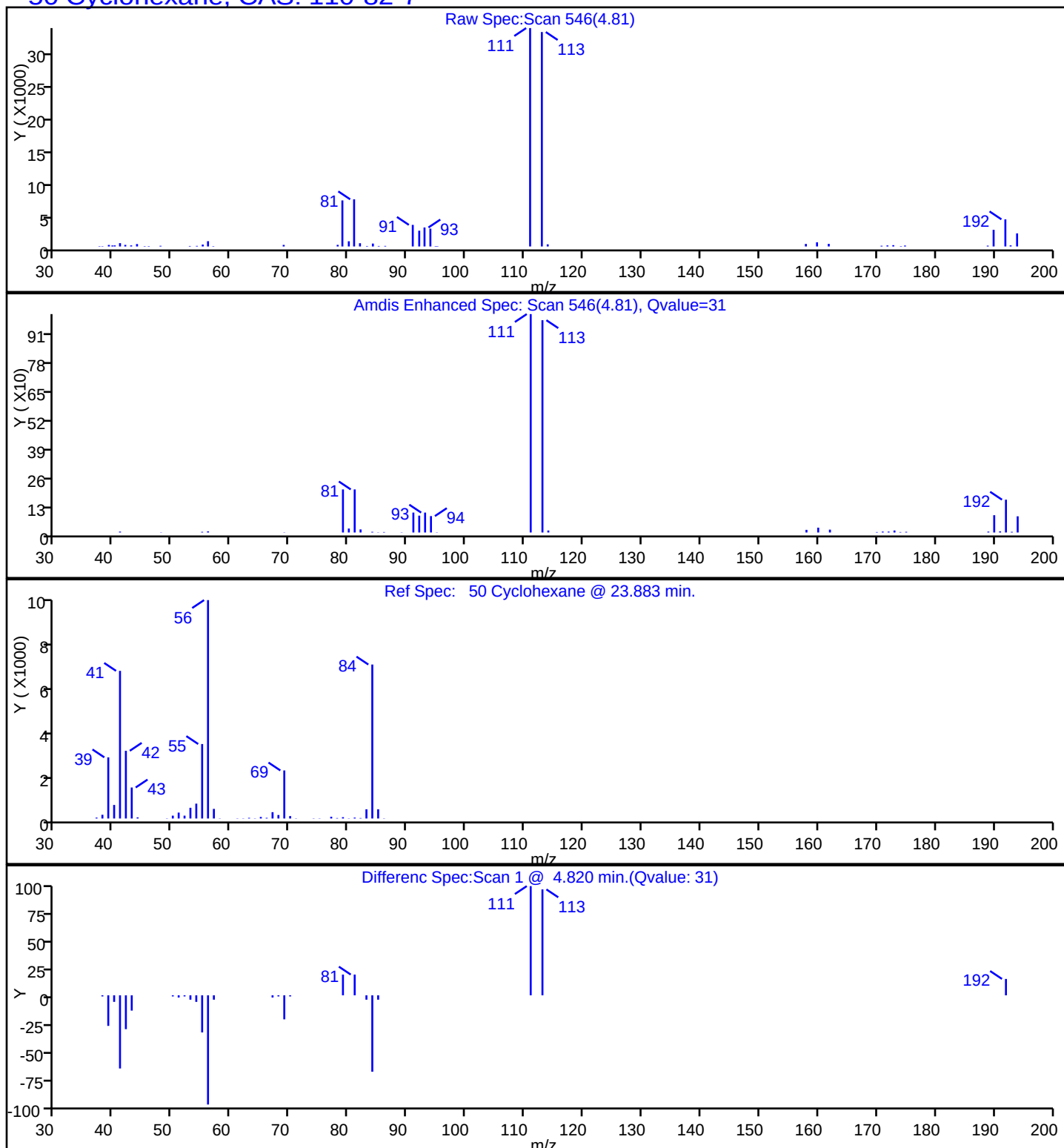
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW01A-CP-00-031716</u>	Lab Sample ID: <u>460-110867-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19647.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 13:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	41		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.0		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.5		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	3.9		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW01A-CP-00-031716 Lab Sample ID: 460-110867-6
 Matrix: Water Lab File ID: A19647.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:55
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 13:24
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.37	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19647.D
 Lims ID: 460-110867-A-6 Lab Sample ID: 460-110867-6
 Client ID: EW01A-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 13:24:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-6
 Misc. Info.: 460-0039079-013
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:31:29 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:11:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.084	3.078	0.006	85	39938	41.1	
* 28 TBA-d9 (IS)	65	3.444	3.456	-0.012	0	203079	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	286257	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	88	4753	2.00	
50 Cyclohexane	56	4.809	4.803	0.006	31	1451	0.3655	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	100041	50.4	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	147827	49.0	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	385382	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	88	3054	1.47	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14039	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	97	366949	50.0	
86 Tetrachloroethene	166	7.144	7.144	0.000	87	5819	3.89	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	250285	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	85503	49.7	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.193	-0.006	96	130475	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19647.D

Injection Date: 28-Mar-2016 13:24:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-6

Lab Sample ID: 460-110867-6

Worklist Smp#: 13

Client ID: EW01A-CP-00-031716

Purge Vol: 5.000 mL

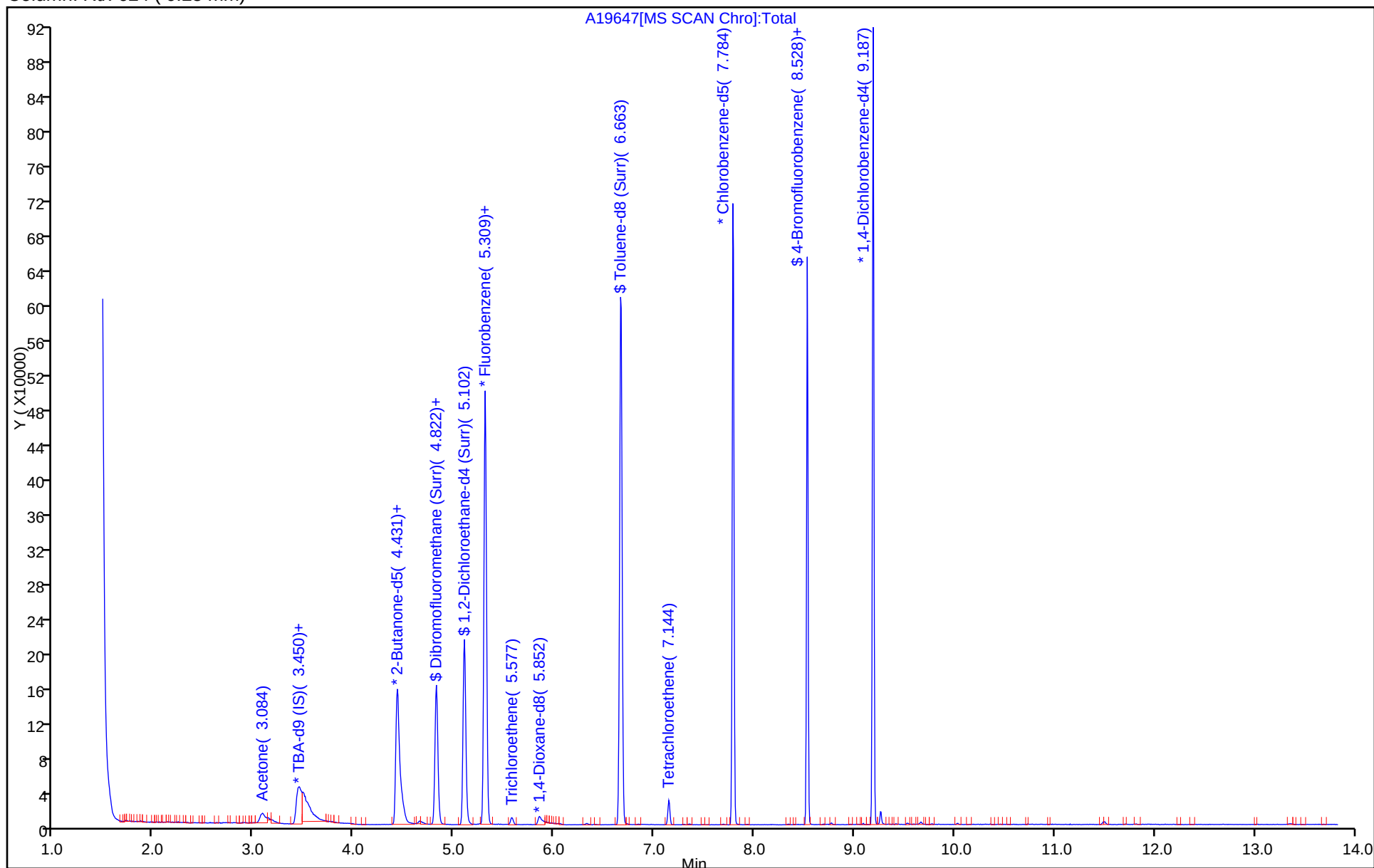
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19647.D

Injection Date: 28-Mar-2016 13:24:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-6

Lab Sample ID: 460-110867-6

Client ID: EW01A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

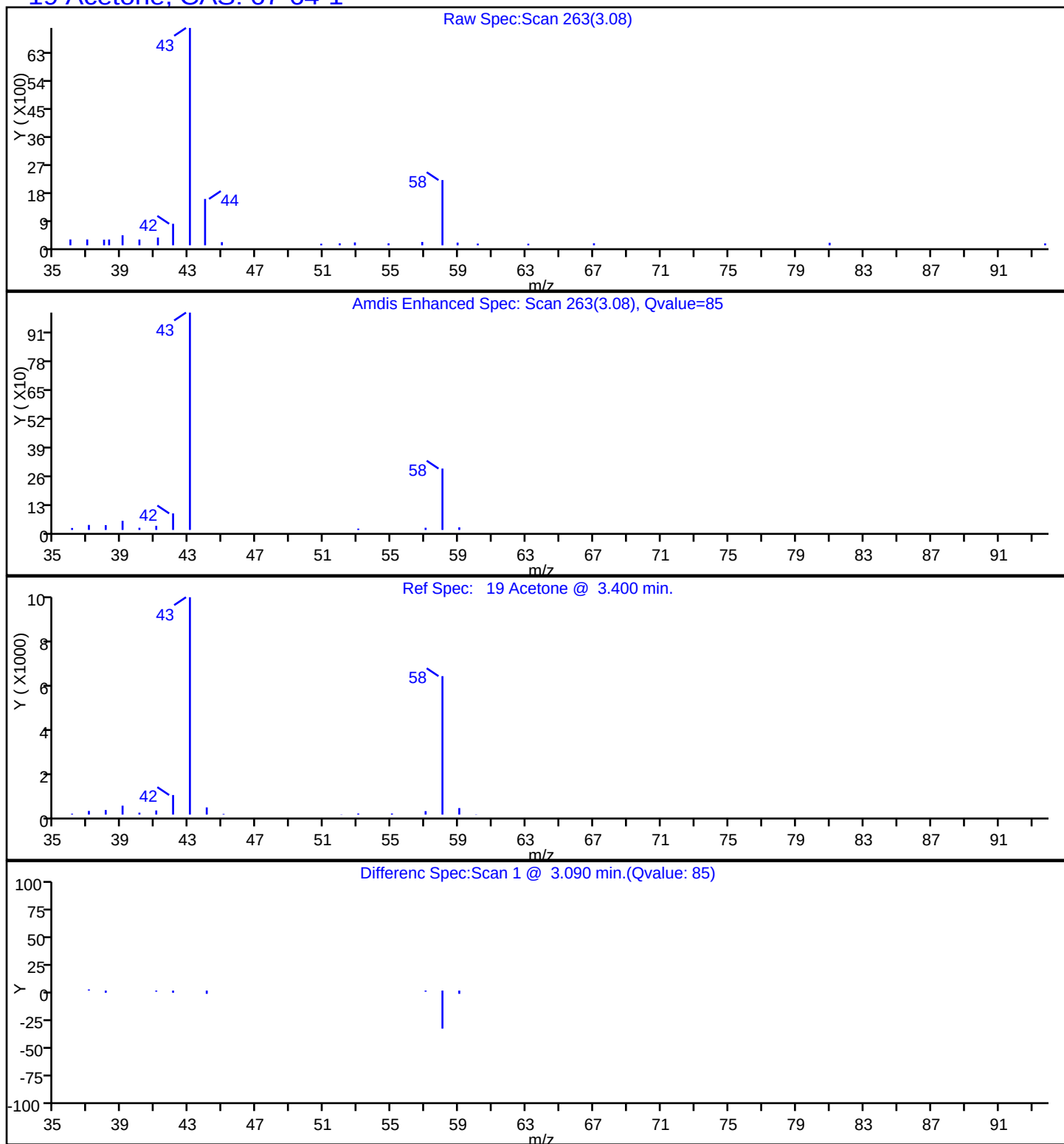
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19647.D

Injection Date: 28-Mar-2016 13:24:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-6

Lab Sample ID: 460-110867-6

Client ID: EW01A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

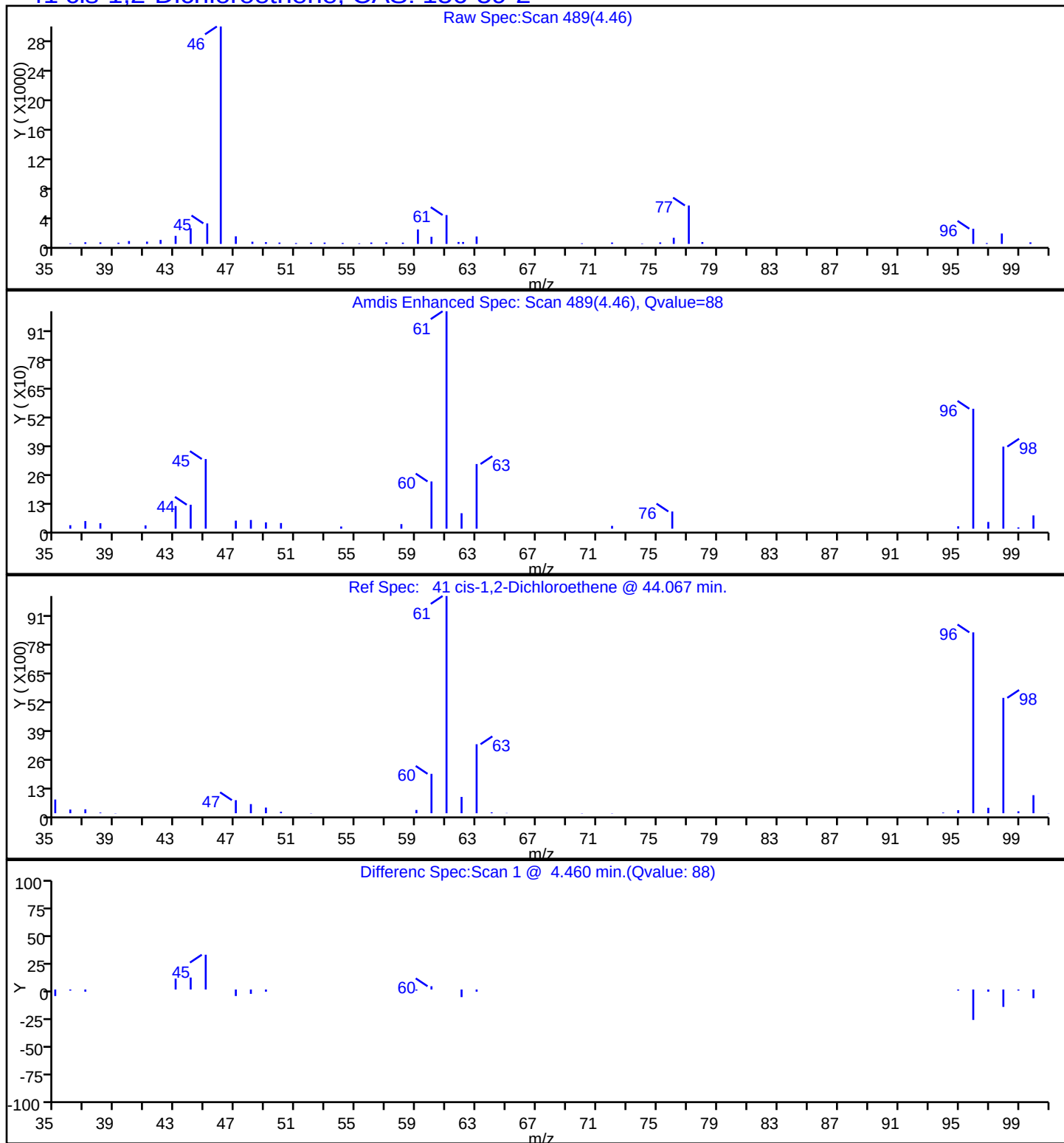
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19647.D

Injection Date: 28-Mar-2016 13:24:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-6

Lab Sample ID: 460-110867-6

Client ID: EW01A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

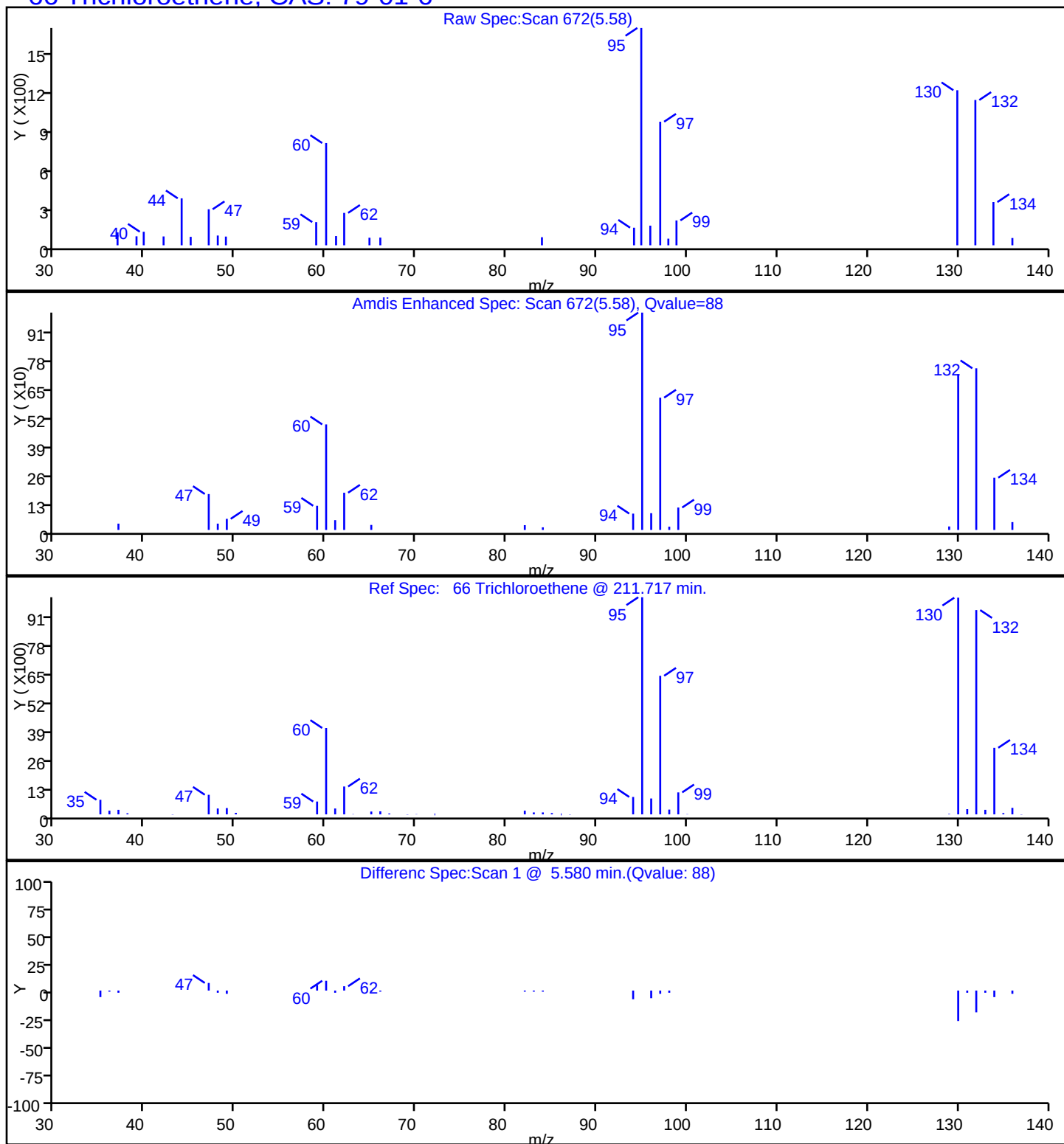
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19647.D

Injection Date: 28-Mar-2016 13:24:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-6

Lab Sample ID: 460-110867-6

Client ID: EW01A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

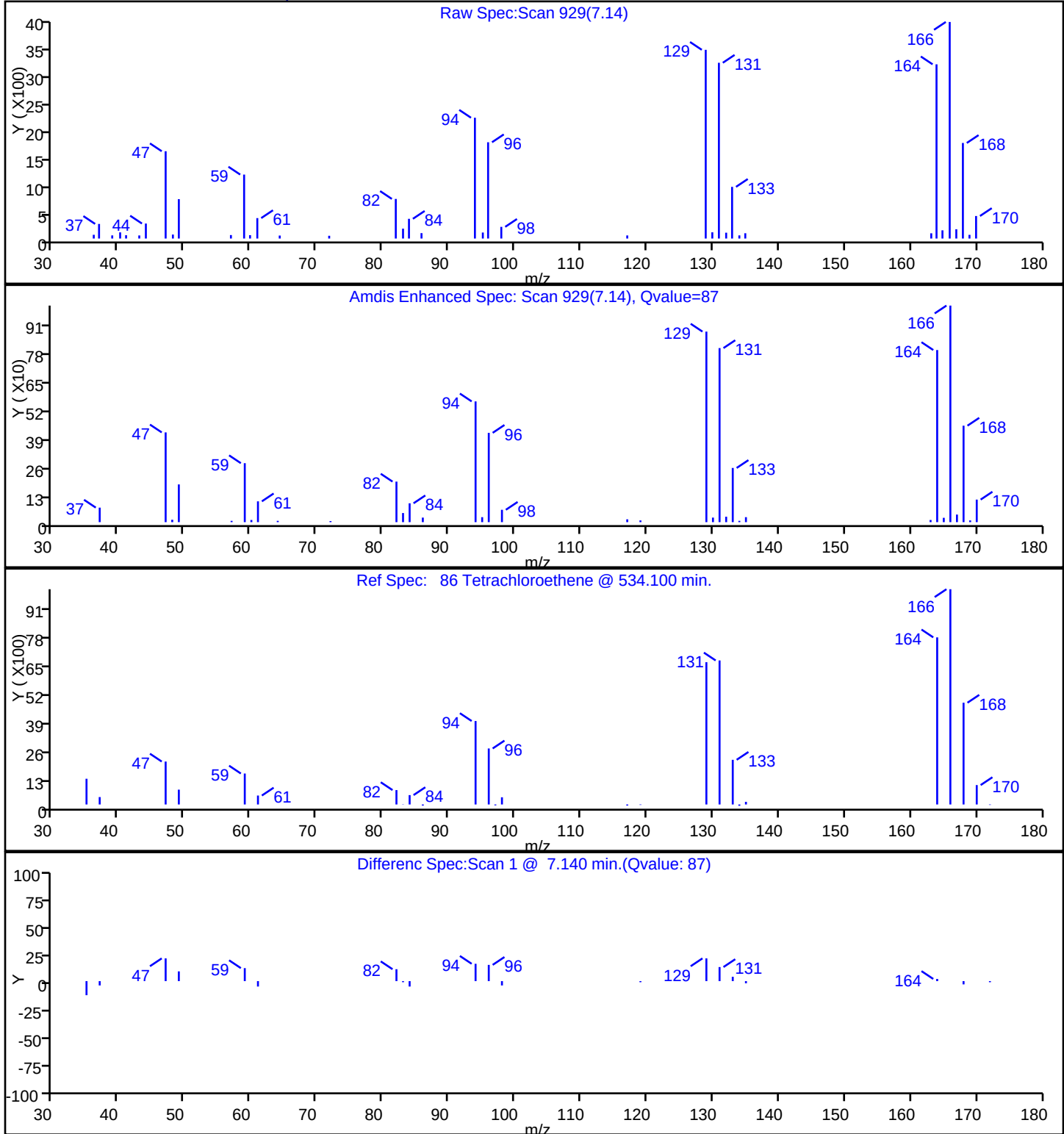
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19647.D

Injection Date: 28-Mar-2016 13:24:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-6

Lab Sample ID: 460-110867-6

Client ID: EW01A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

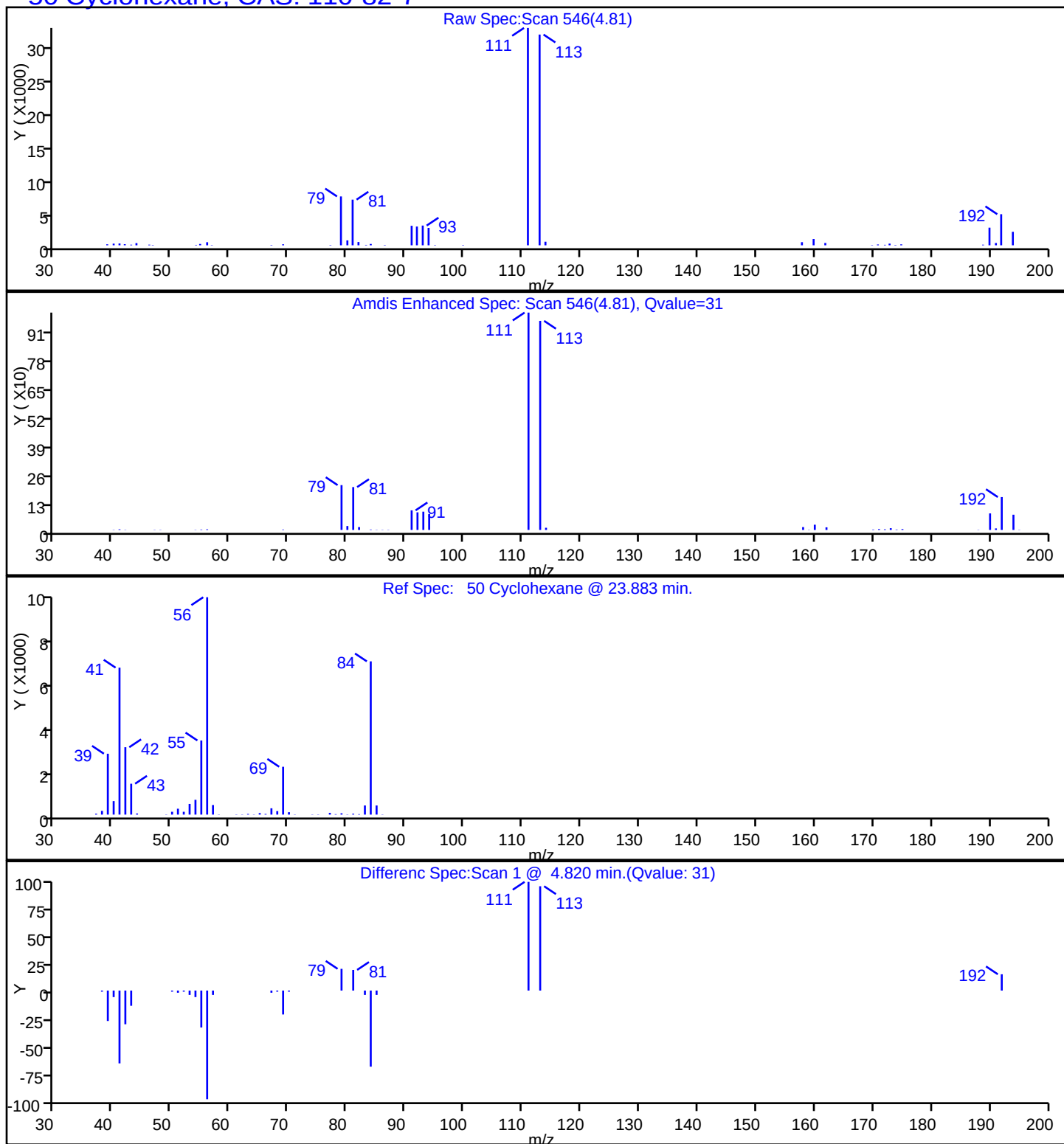
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW01A-CP-01-031716</u>	Lab Sample ID: <u>460-110867-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19648.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 13:46</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	41		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.3		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	3.9		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW01A-CP-01-031716 Lab Sample ID: 460-110867-7
 Matrix: Water Lab File ID: A19648.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:55
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 13:46
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.33	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-137
2037-26-5	Toluene-d8 (Surr)	101		74-120
460-00-4	4-Bromofluorobenzene	101		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19648.D
 Lims ID: 460-110867-A-7 Lab Sample ID: 460-110867-7
 Client ID: EW01A-CP-01-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 13:46:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-7
 Misc. Info.: 460-0039079-014
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:31:40 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:12:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.084	3.078	0.006	85	41330	40.9	
* 28 TBA-d9 (IS)	65	3.450	3.456	-0.006	0	229190	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	297435	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	57	4912	2.07	
50 Cyclohexane	56	4.803	4.803	0.000	31	1319	0.3321	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	100766	50.7	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	150716	50.0	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	385595	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	94	2660	1.28	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15417	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	365360	50.5	
86 Tetrachloroethene	166	7.144	7.144	0.000	90	5770	3.91	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	94	246544	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	80	85575	50.5	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.193	-0.013	97	131192	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19648.D

Injection Date: 28-Mar-2016 13:46:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-7

Lab Sample ID: 460-110867-7

Worklist Smp#: 14

Client ID: EW01A-CP-01-031716

Purge Vol: 5.000 mL

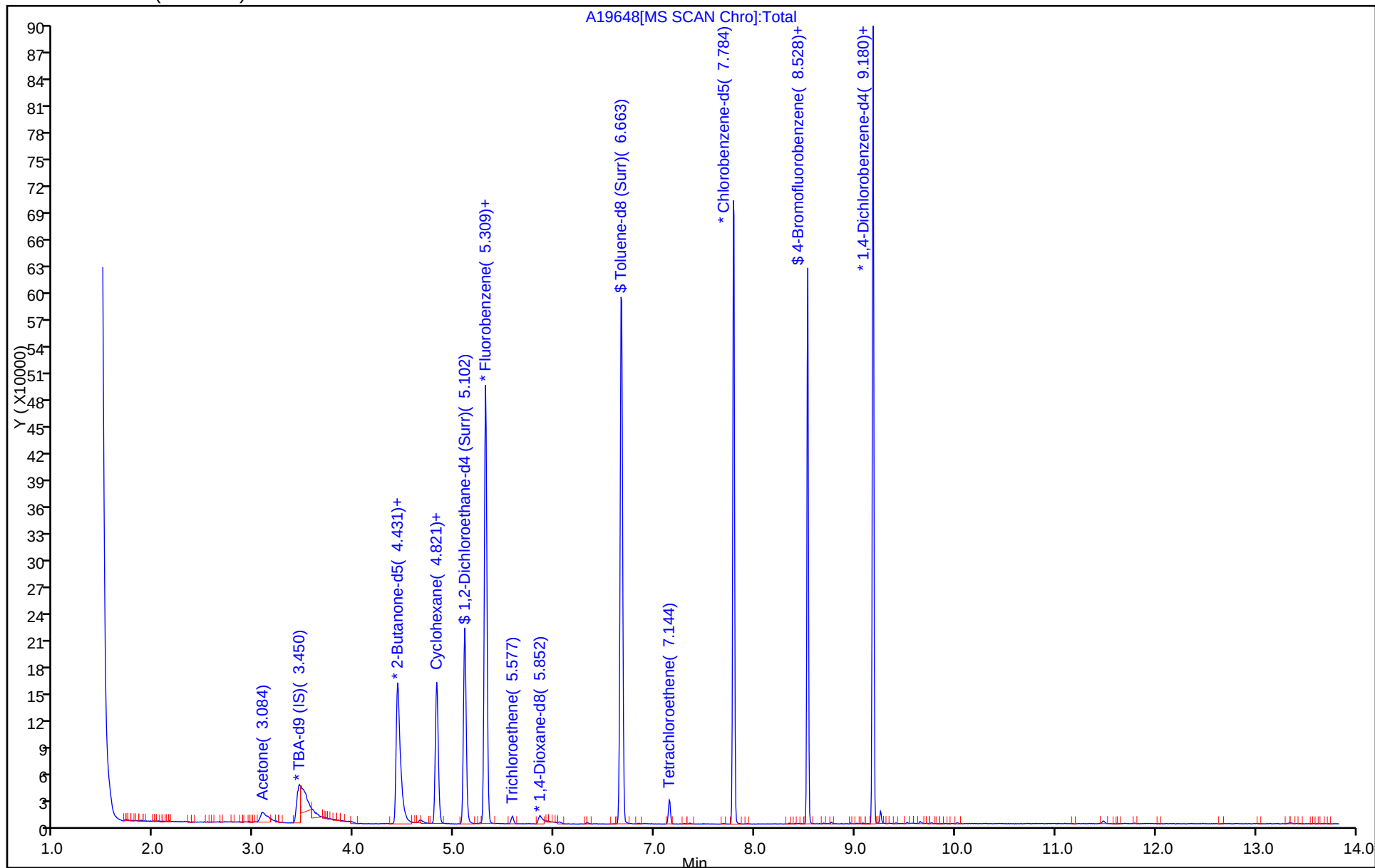
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19648.D

Injection Date: 28-Mar-2016 13:46:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-7

Lab Sample ID: 460-110867-7

Client ID: EW01A-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

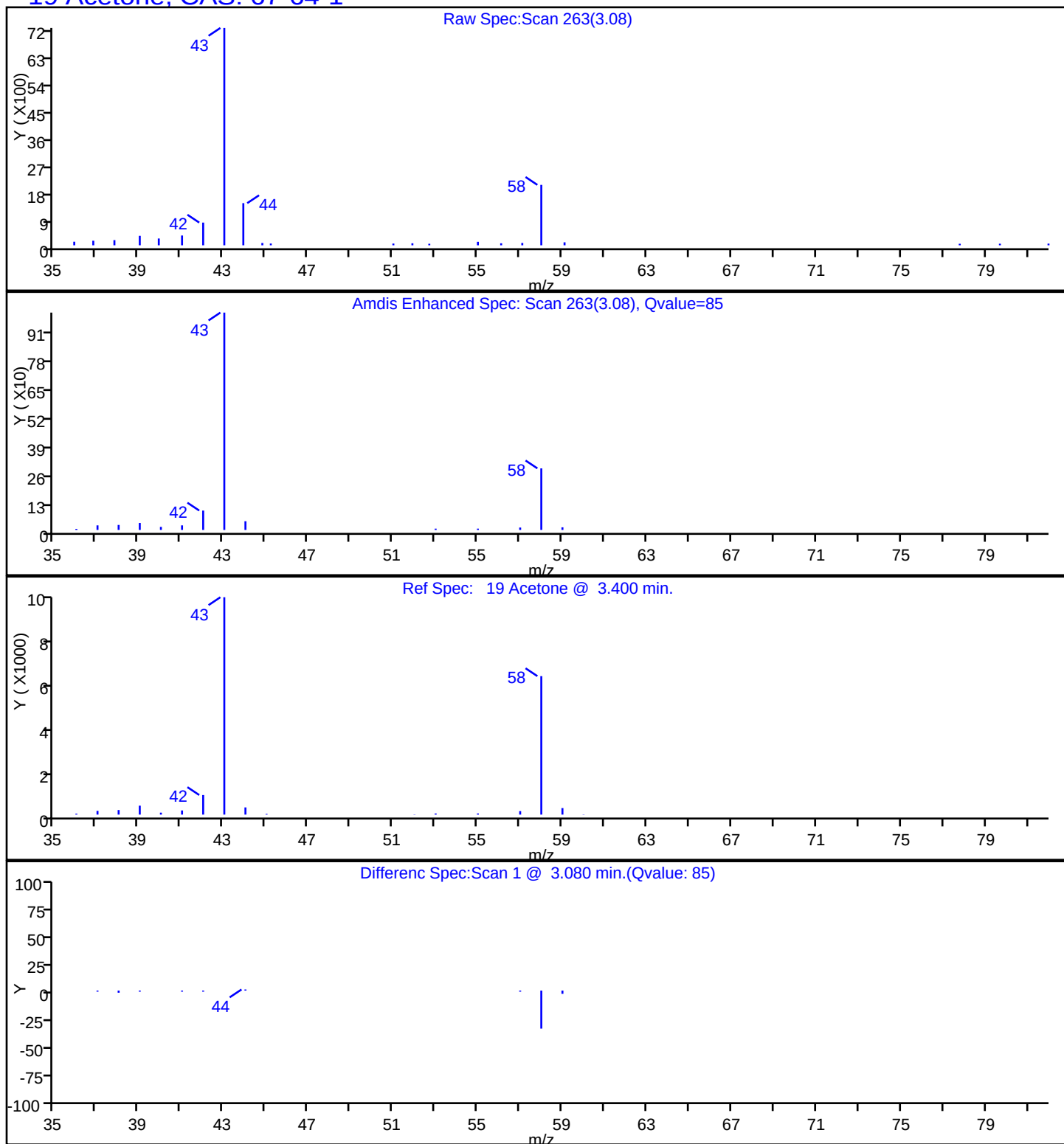
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19648.D

Injection Date: 28-Mar-2016 13:46:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-7

Lab Sample ID: 460-110867-7

Client ID: EW01A-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

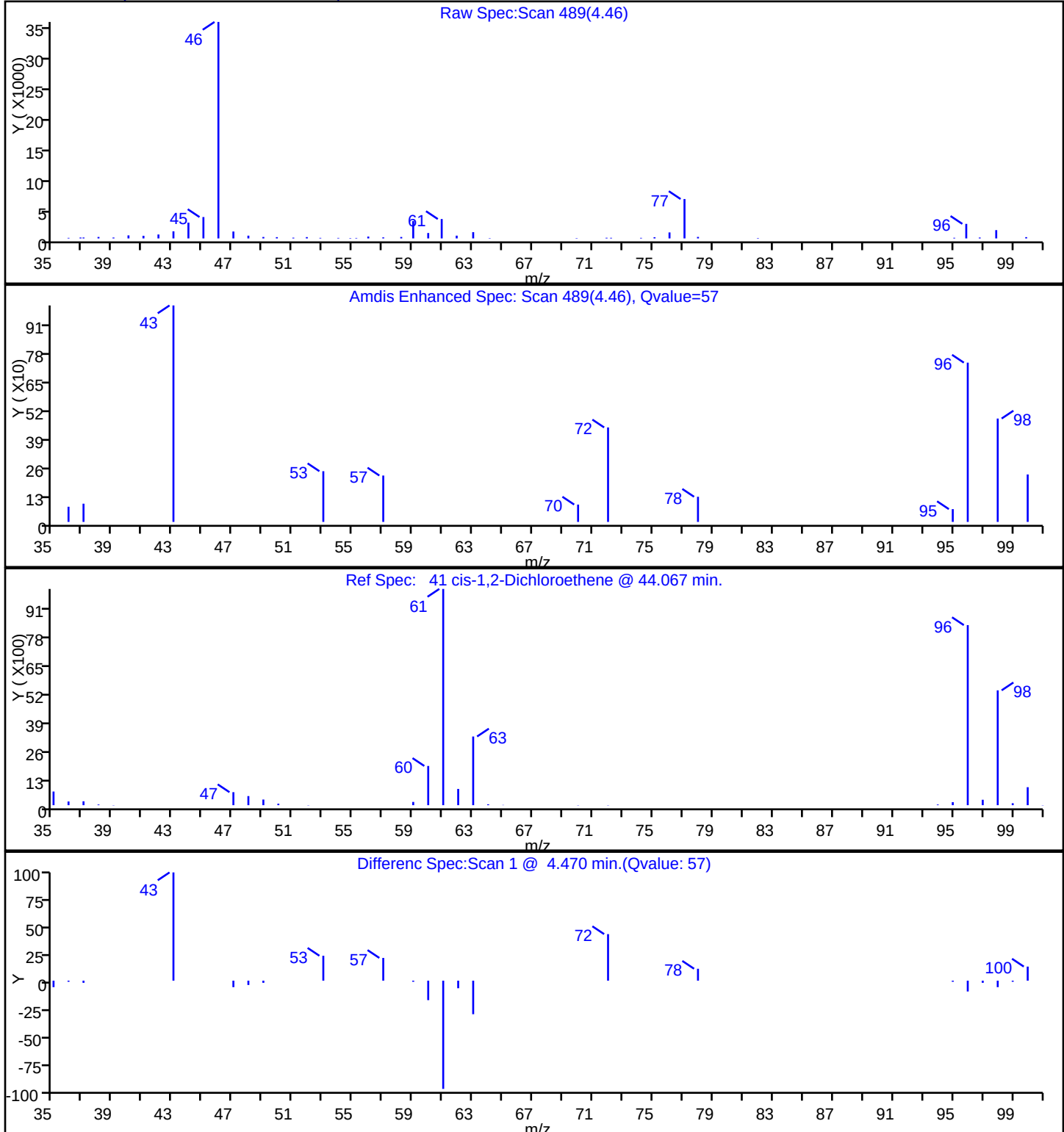
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19648.D

Injection Date: 28-Mar-2016 13:46:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-7

Lab Sample ID: 460-110867-7

Client ID: EW01A-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

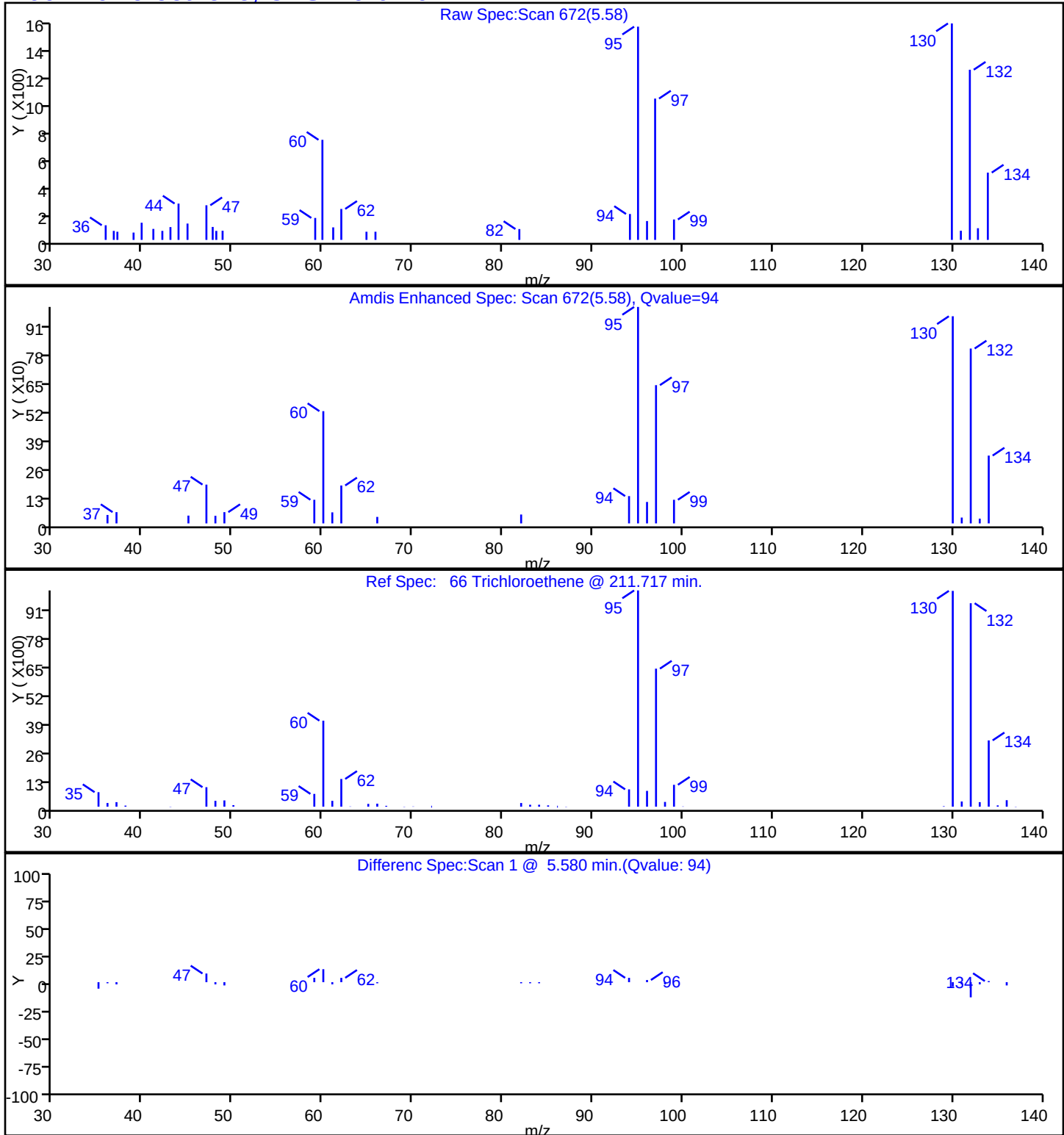
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19648.D

Injection Date: 28-Mar-2016 13:46:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-7

Lab Sample ID: 460-110867-7

Client ID: EW01A-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

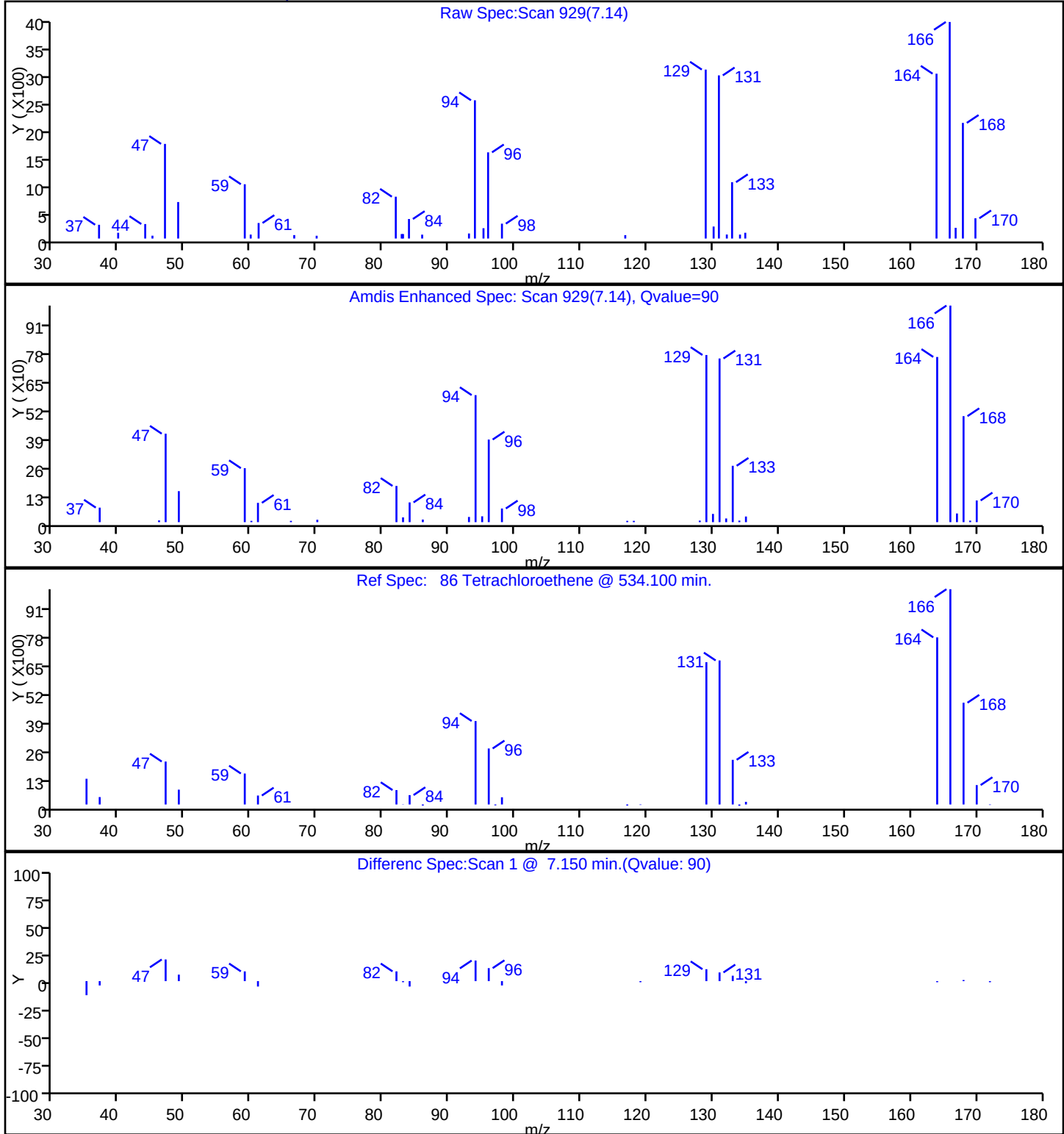
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19648.D

Injection Date: 28-Mar-2016 13:46:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-7

Lab Sample ID: 460-110867-7

Client ID: EW01A-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

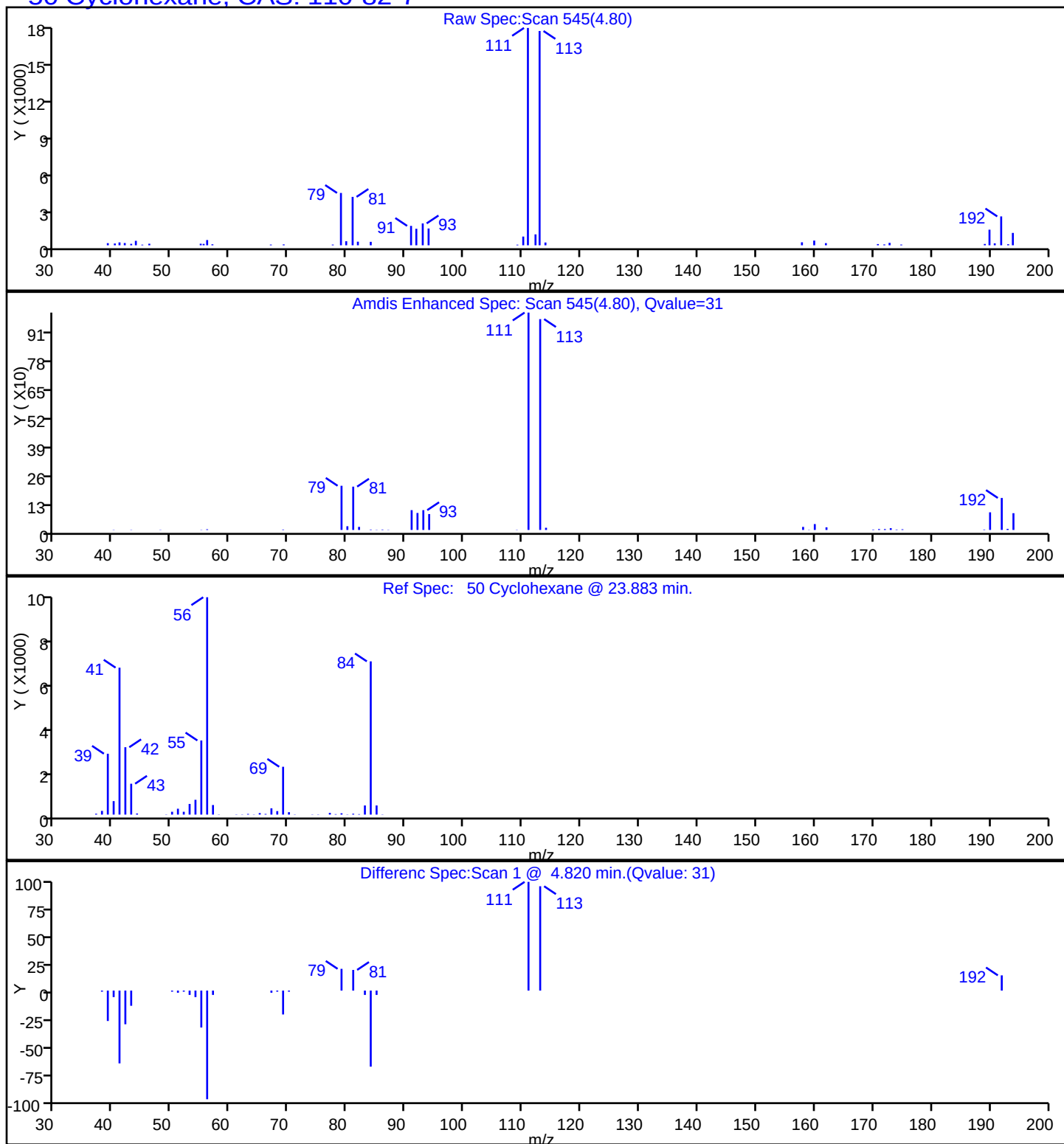
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW01B-CP-00-031716</u>	Lab Sample ID: <u>460-110867-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19649.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:50</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/28/2016 14:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	25		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	0.93	J	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.25	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW01B-CP-00-031716 Lab Sample ID: 460-110867-8
 Matrix: Water Lab File ID: A19649.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:50
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 14:08
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.61	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-137
2037-26-5	Toluene-d8 (Surr)	98		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19649.D
 Lims ID: 460-110867-A-8 Lab Sample ID: 460-110867-8
 Client ID: EW01B-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 14:08:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-8
 Misc. Info.: 460-0039079-015
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:21:55 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:14:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.096	3.078	0.018	85	25729	25.1	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	221366	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	301818	250.0	
50 Cyclohexane	56	4.803	4.803	0.000	31	2460	0.6074	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	101666	50.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	152830	49.7	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	393208	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	89	1967	0.9261	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	13487	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	365132	49.1	
86 Tetrachloroethene	166	7.150	7.144	0.006	87	380	0.2505	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	253716	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	86924	49.9	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.193	-0.013	96	131615	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19649.D

Injection Date: 28-Mar-2016 14:08:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-8

Lab Sample ID: 460-110867-8

Worklist Smp#: 15

Client ID: EW01B-CP-00-031716

Purge Vol: 5.000 mL

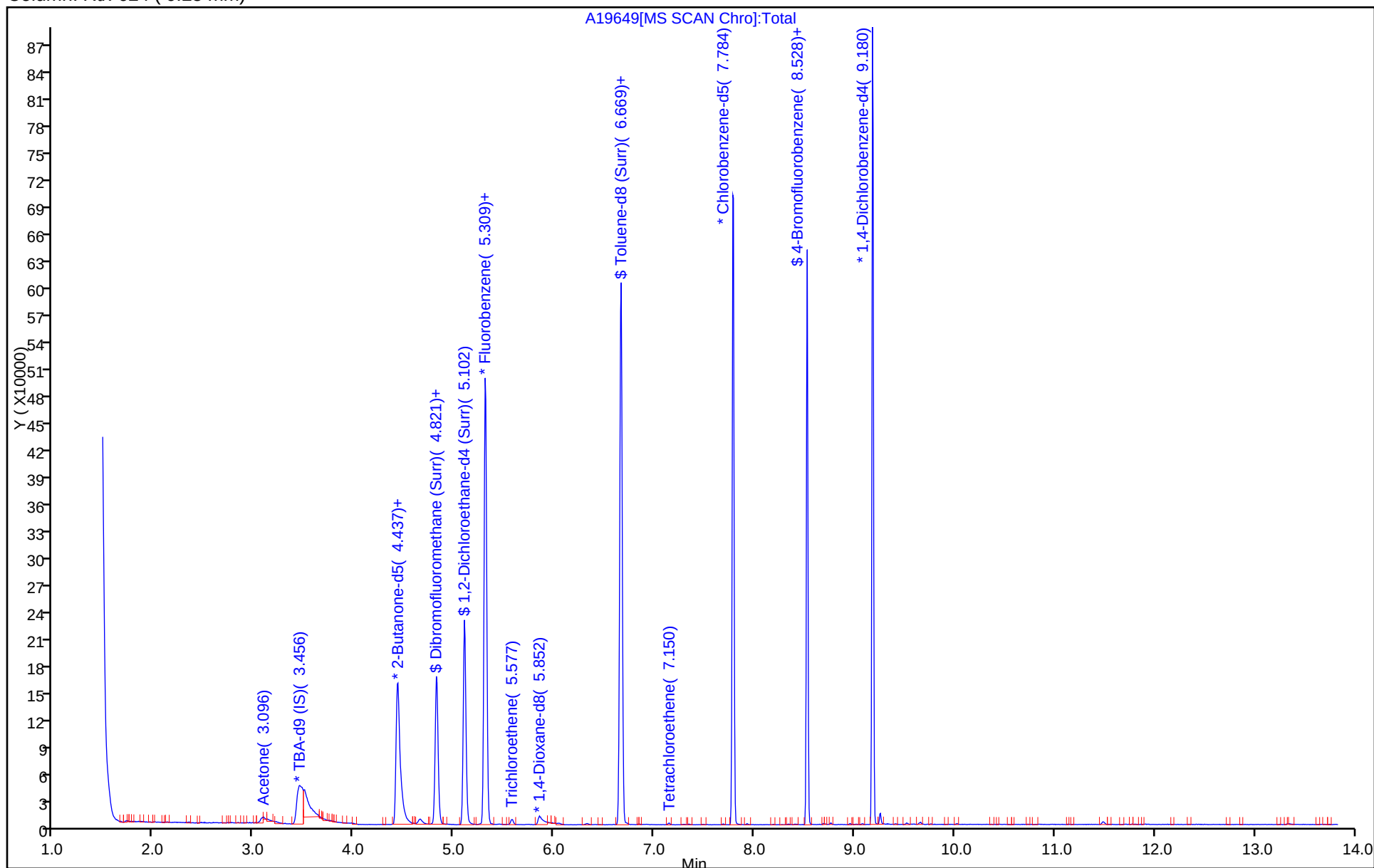
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19649.D

Injection Date: 28-Mar-2016 14:08:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-8

Lab Sample ID: 460-110867-8

Client ID: EW01B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

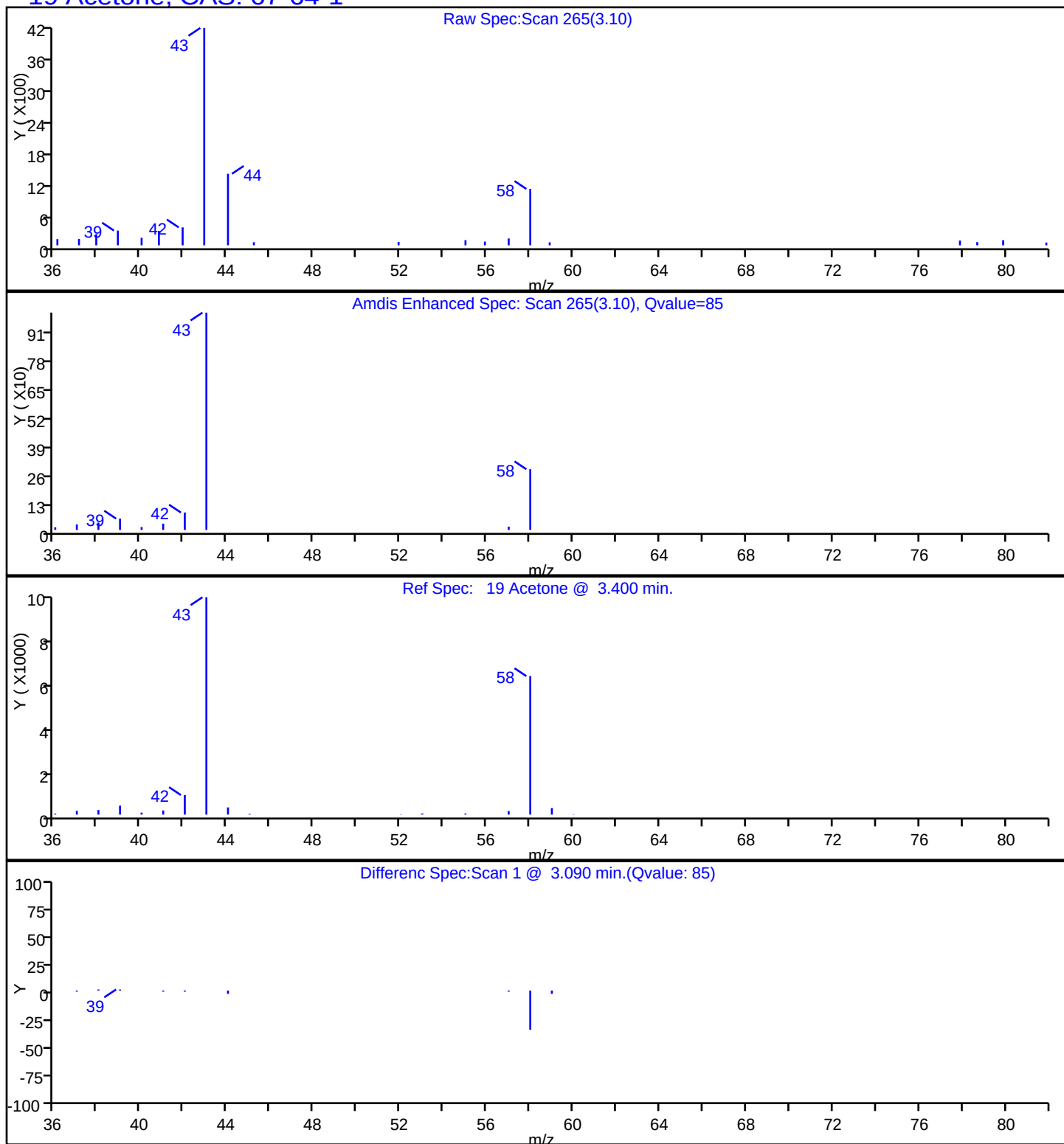
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19649.D

Injection Date: 28-Mar-2016 14:08:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-8

Lab Sample ID: 460-110867-8

Client ID: EW01B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

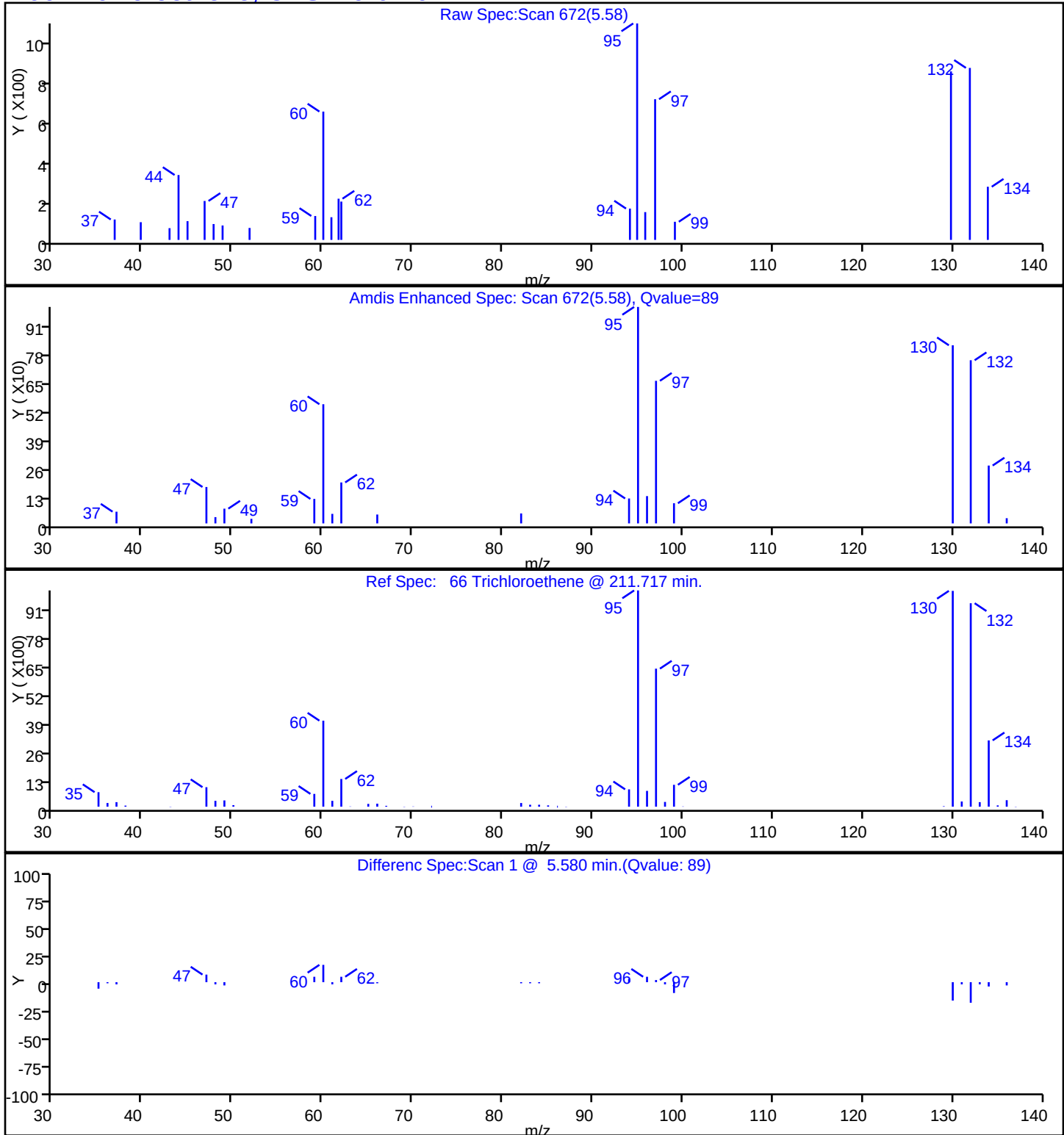
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19649.D

Injection Date: 28-Mar-2016 14:08:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-8

Lab Sample ID: 460-110867-8

Client ID: EW01B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

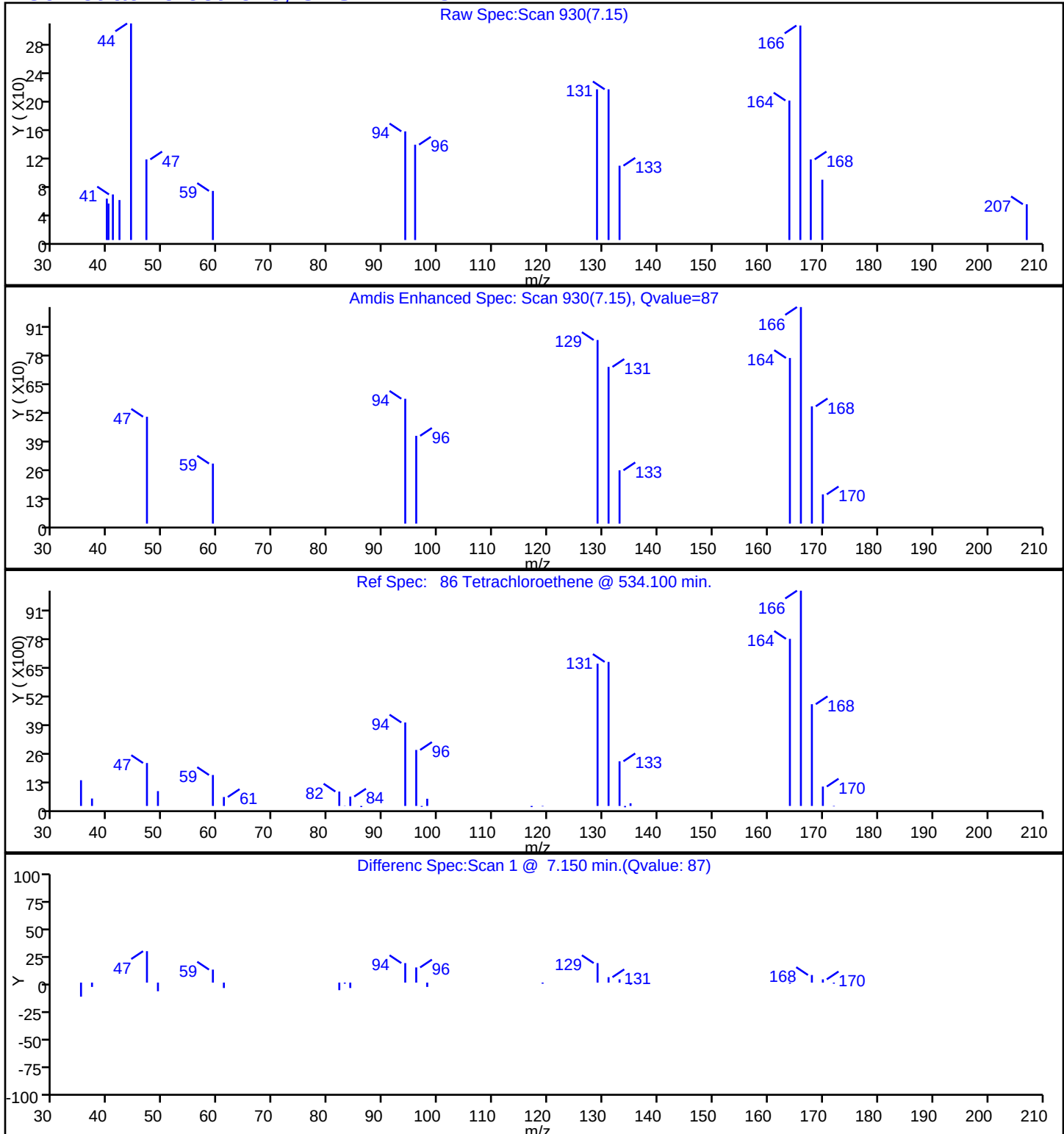
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19649.D

Injection Date: 28-Mar-2016 14:08:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-8

Lab Sample ID: 460-110867-8

Client ID: EW01B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

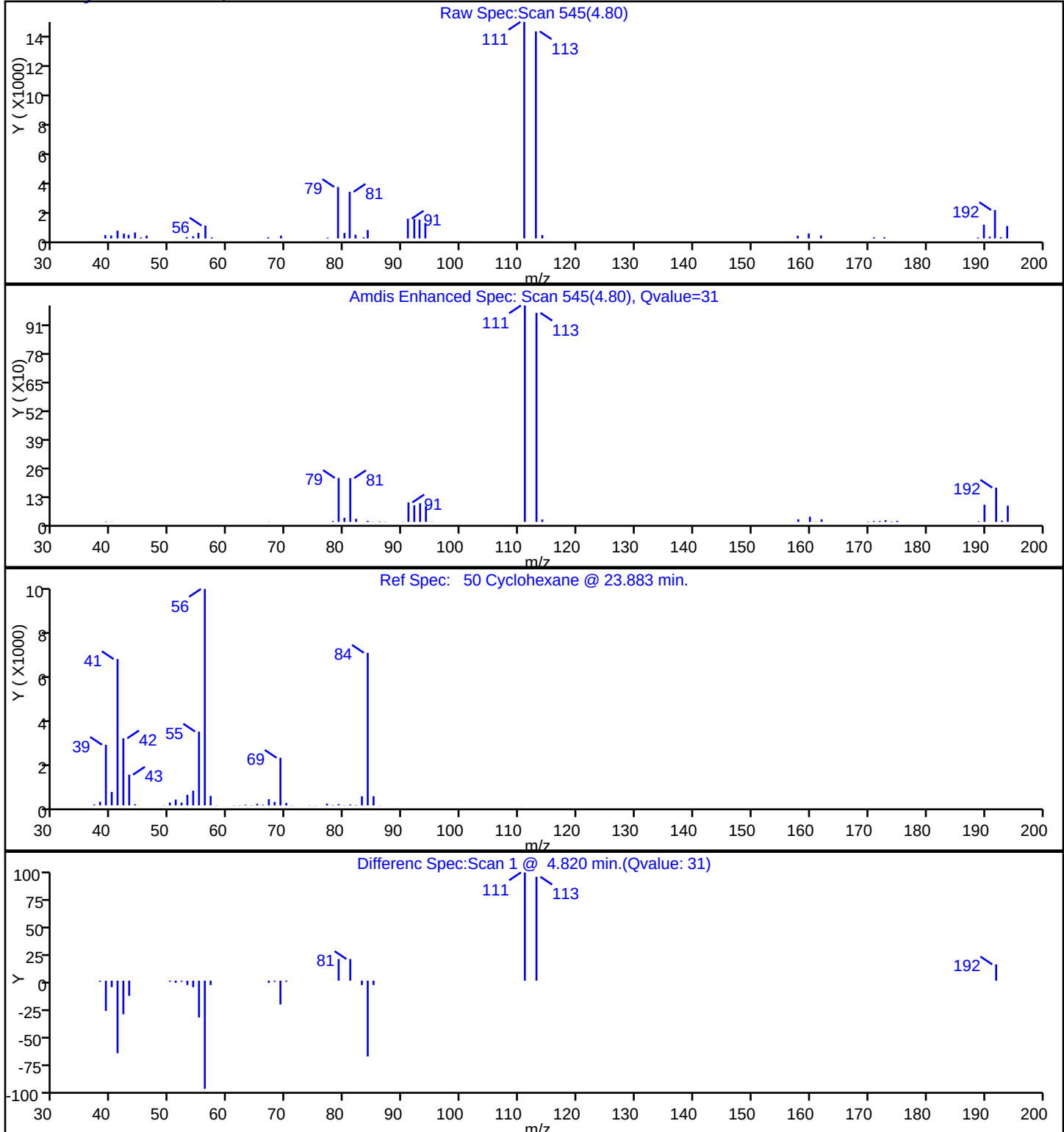
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW01C-CP-00-031716</u>	Lab Sample ID: <u>460-110867-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19650.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:42</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/28/2016 14:30</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	33		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.38	J	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	3.3	J	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.1		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW01C-CP-00-031716 Lab Sample ID: 460-110867-9
 Matrix: Water Lab File ID: A19650.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:42
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 14:30
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.35	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19650.D
 Lims ID: 460-110867-A-9 Lab Sample ID: 460-110867-9
 Client ID: EW01C-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 14:30:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-9
 Misc. Info.: 460-0039079-016
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:31:55 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:14:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.096	3.078	0.018	87	33471	32.9	
* 28 TBA-d9 (IS)	65	3.462	3.456	0.006	0	235325	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	299825	250.0	
41 cis-1,2-Dichloroethene	96	4.474	4.462	0.012	83	917	0.3798	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	93	875	3.26	M
50 Cyclohexane	56	4.809	4.803	0.006	31	1410	0.3491	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	102727	50.9	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	153242	50.0	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	392108	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	92	2278	1.08	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	16174	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	368003	49.3	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	254797	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	87690	50.1	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.193	-0.006	96	132489	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19650.D

Injection Date: 28-Mar-2016 14:30:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-9

Lab Sample ID: 460-110867-9

Worklist Smp#: 16

Client ID: EW01C-CP-00-031716

Purge Vol: 5.000 mL

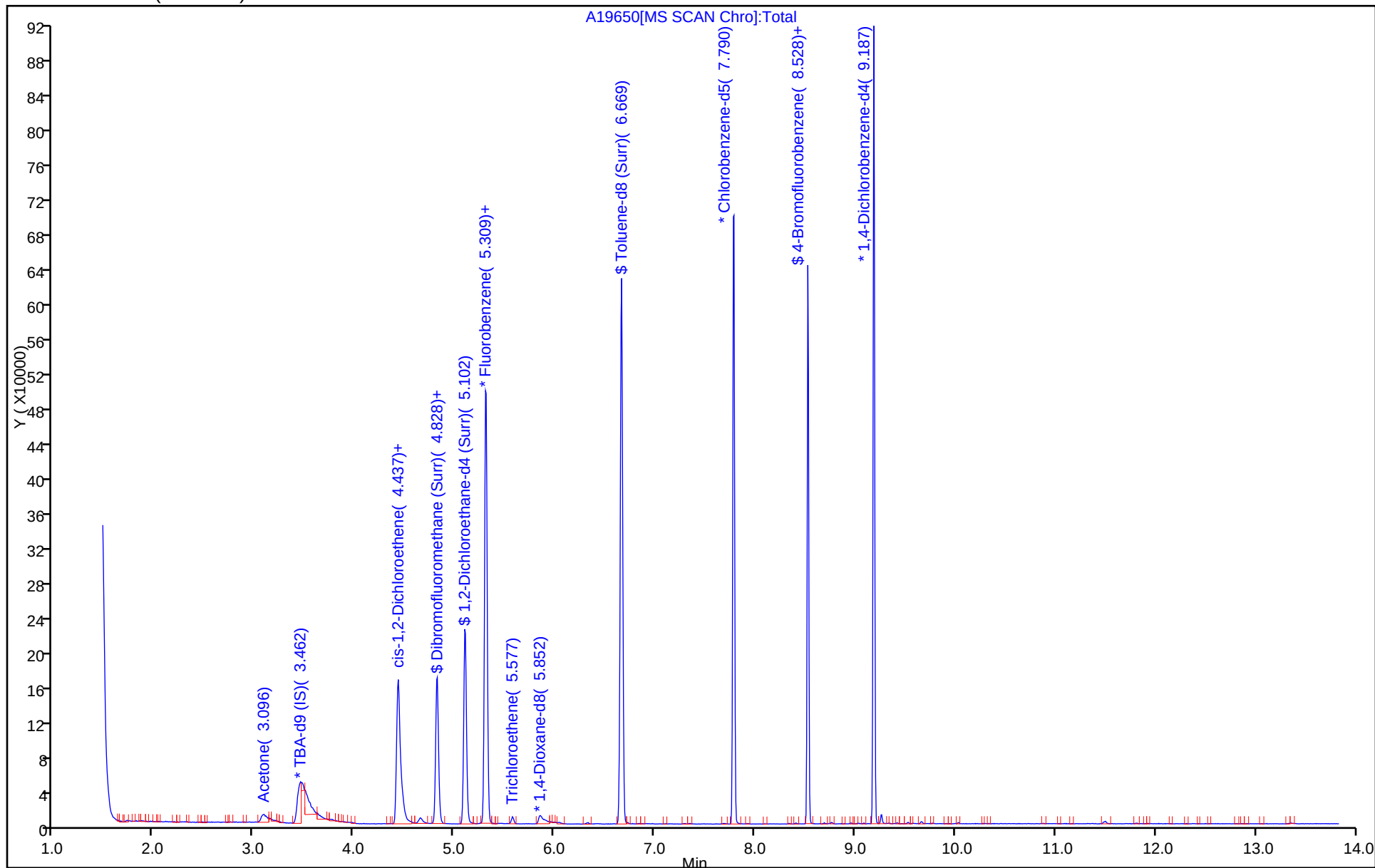
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19650.D

Injection Date: 28-Mar-2016 14:30:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-9

Lab Sample ID: 460-110867-9

Client ID: EW01C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

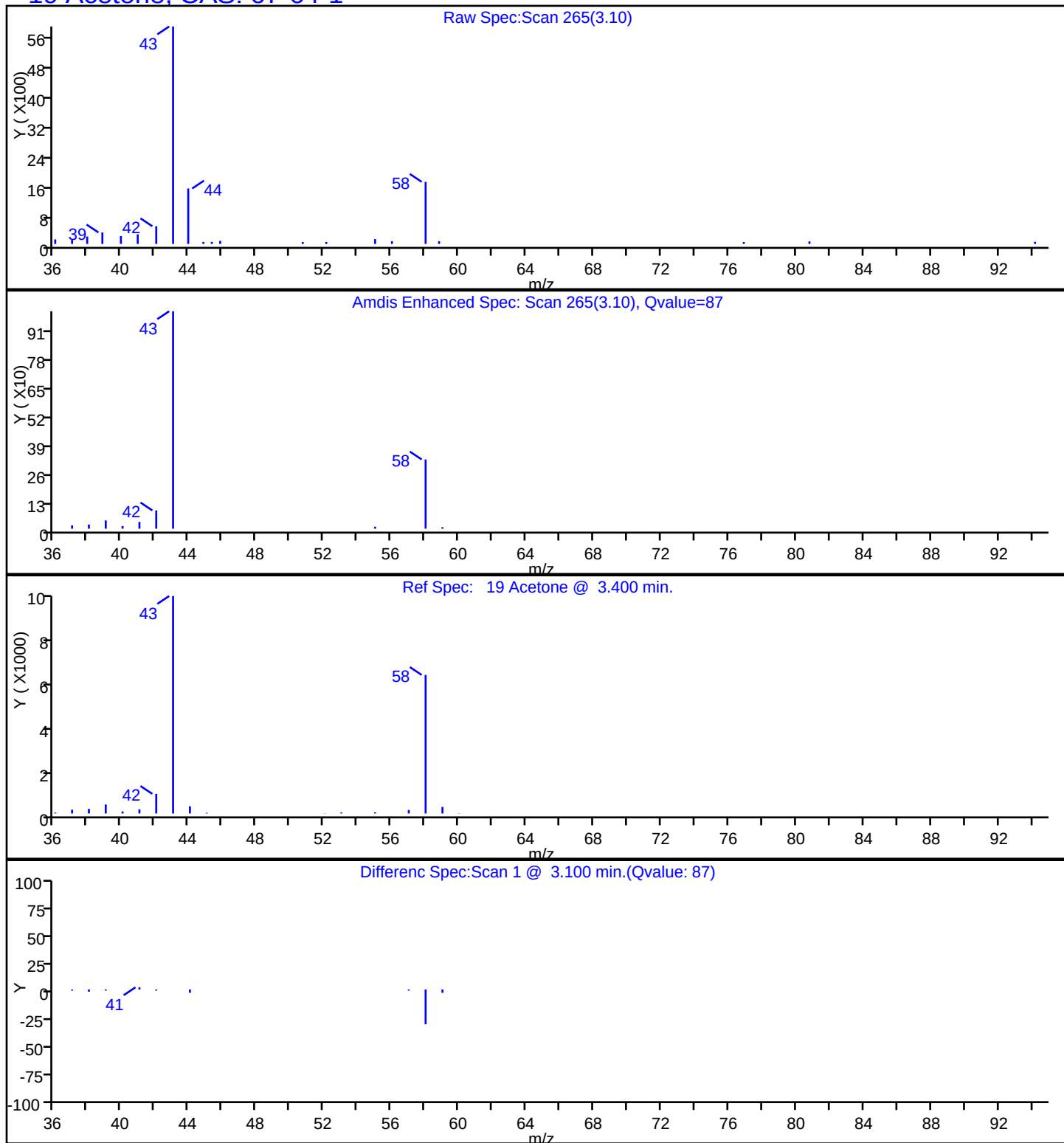
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19650.D

Injection Date: 28-Mar-2016 14:30:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-9

Lab Sample ID: 460-110867-9

Client ID: EW01C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

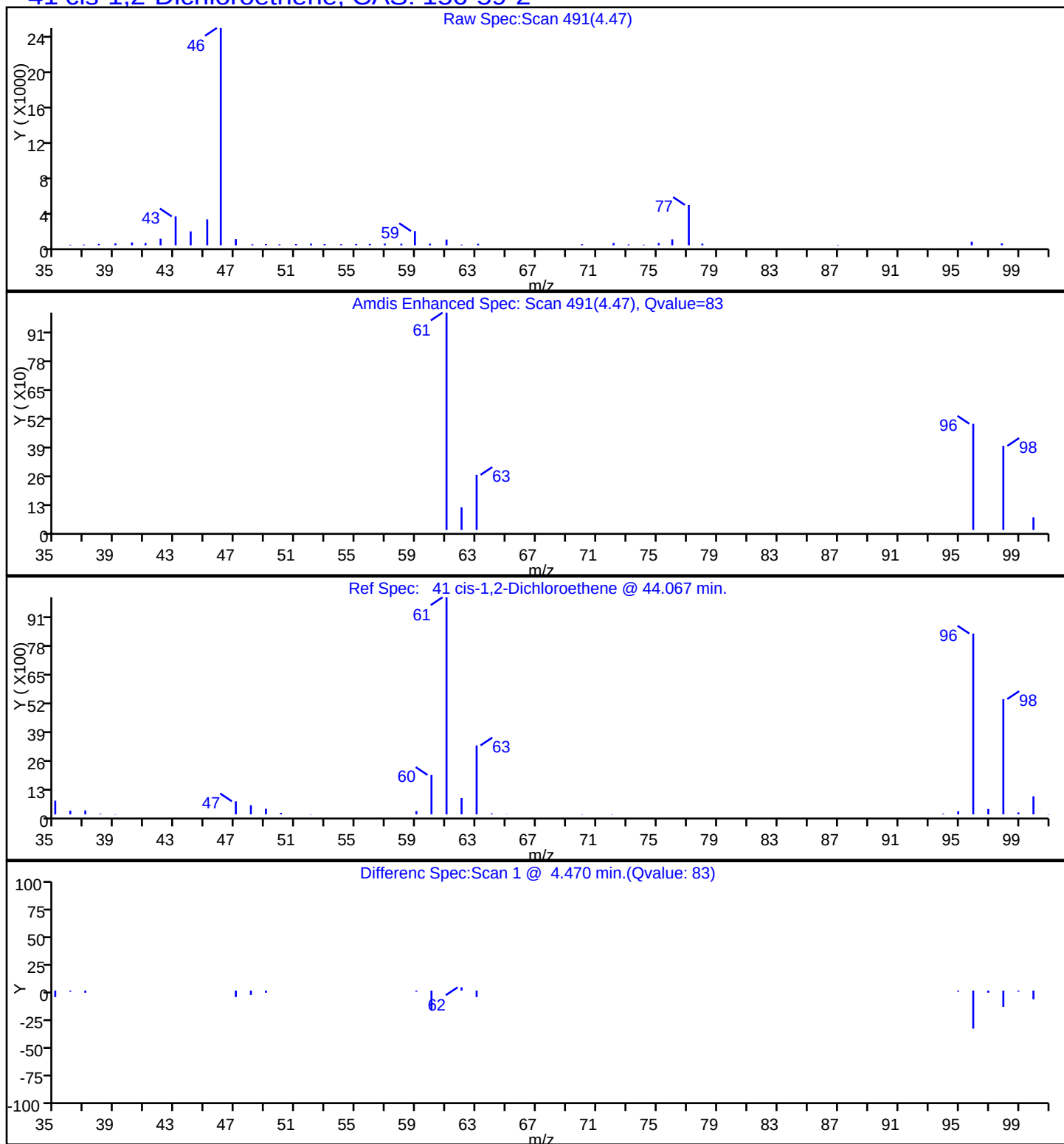
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19650.D

Injection Date: 28-Mar-2016 14:30:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-9

Lab Sample ID: 460-110867-9

Client ID: EW01C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

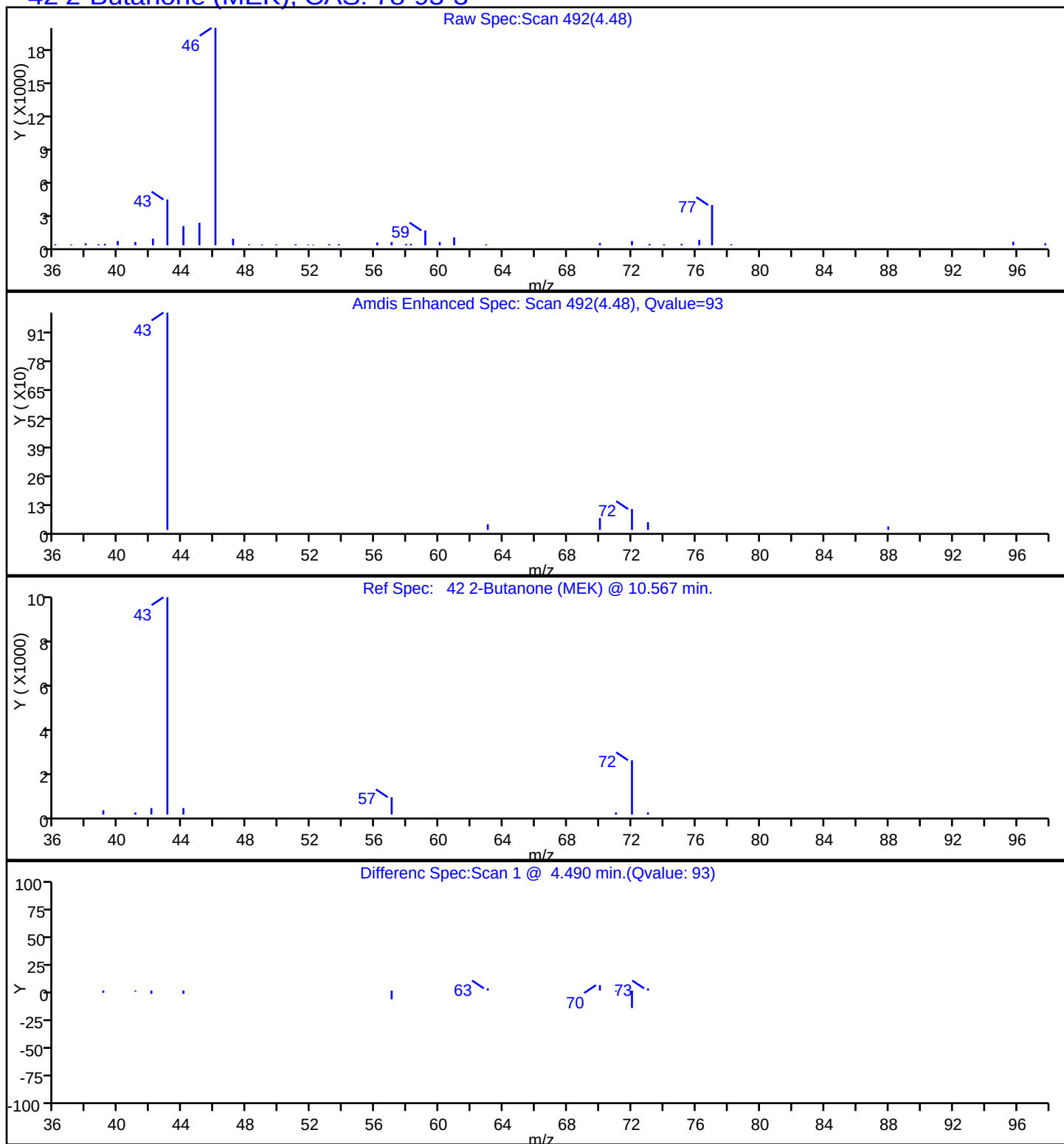
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK), CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19650.D

Injection Date: 28-Mar-2016 14:30:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-9

Lab Sample ID: 460-110867-9

Client ID: EW01C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

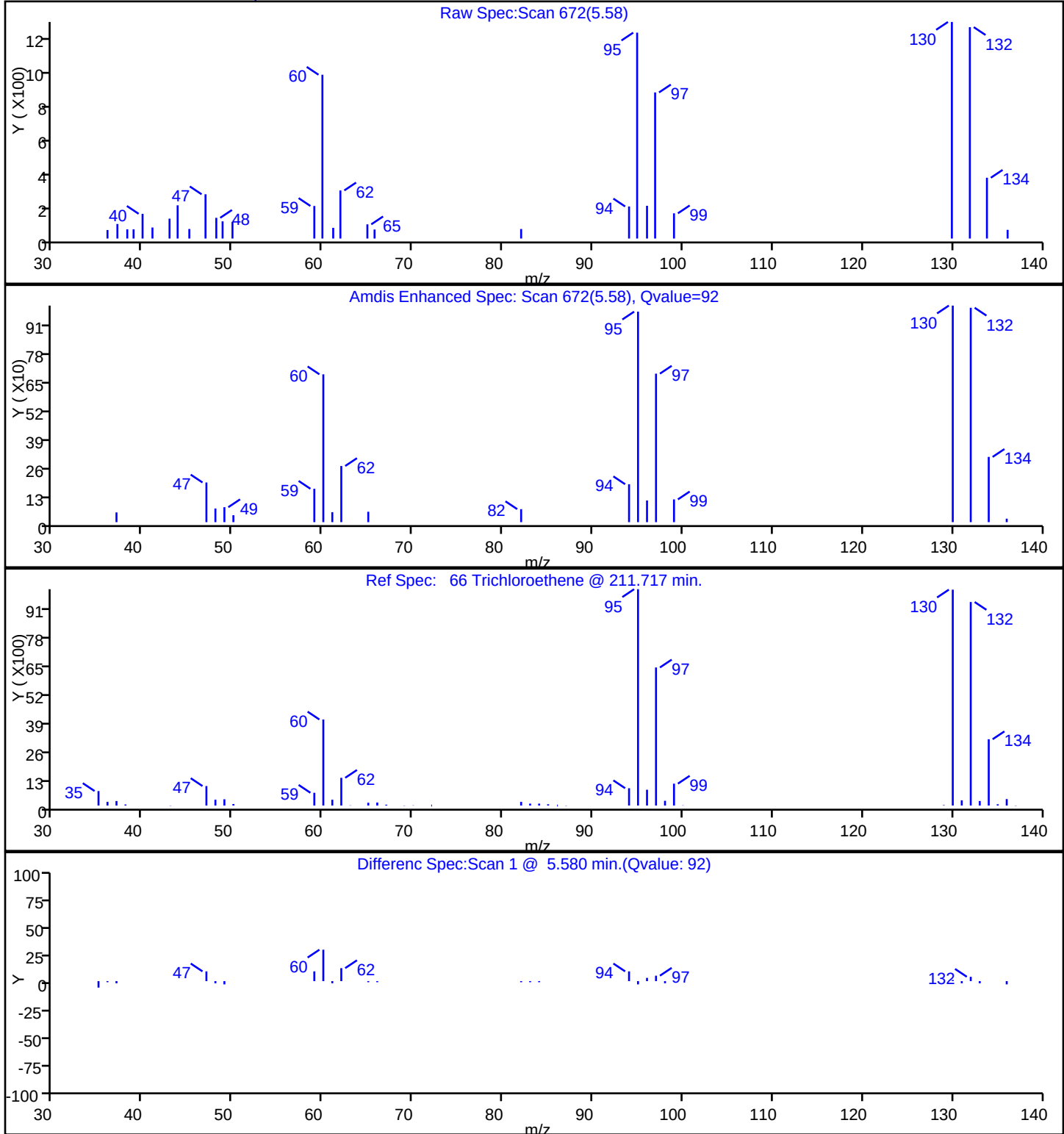
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19650.D

Injection Date: 28-Mar-2016 14:30:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-9

Lab Sample ID: 460-110867-9

Client ID: EW01C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

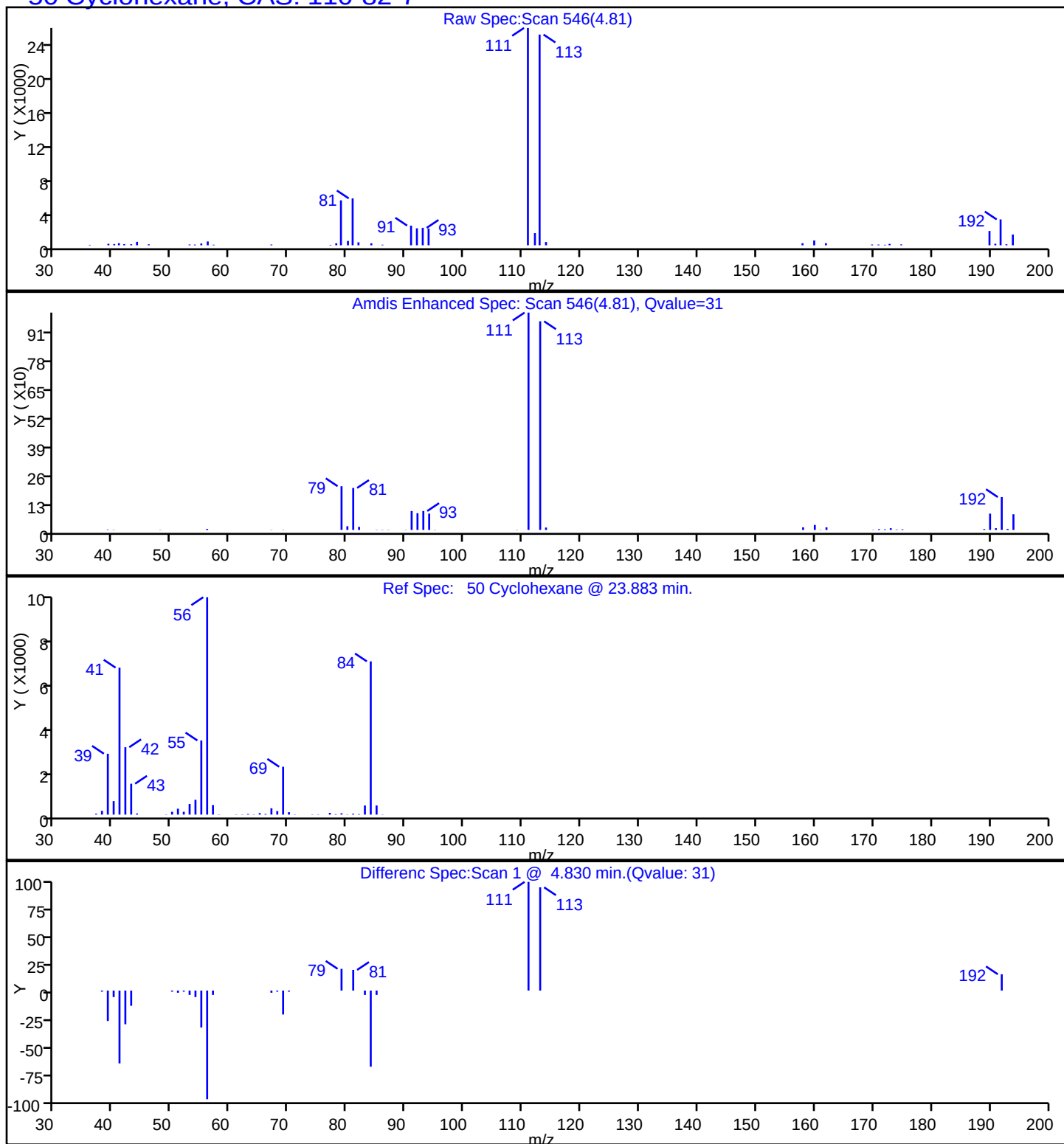
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



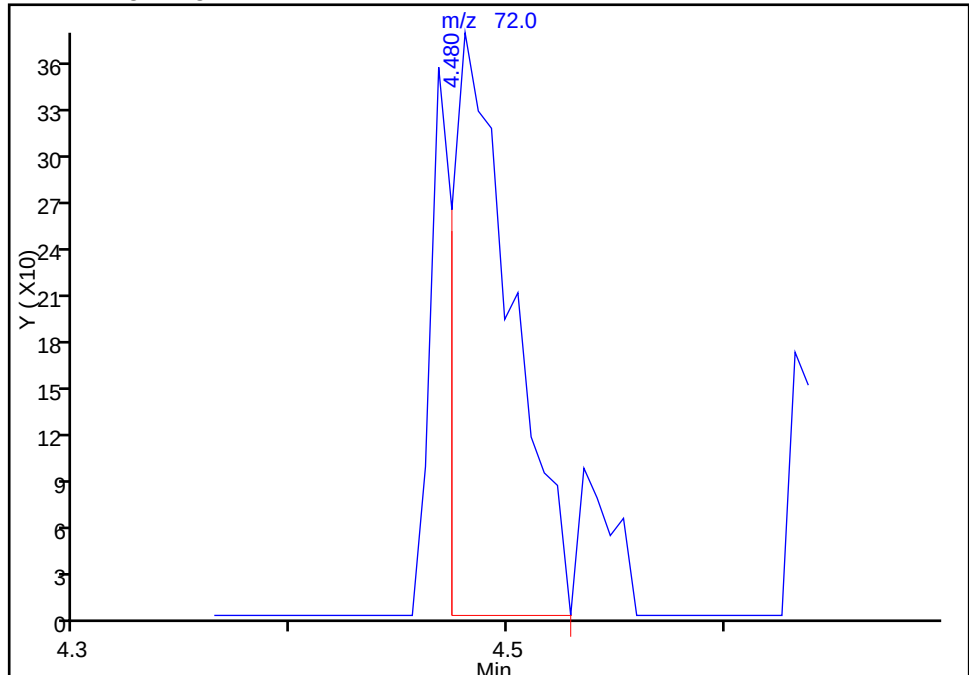
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19650.D				
Injection Date:	28-Mar-2016 14:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-110867-A-9	Lab Sample ID:	460-110867-9		
Client ID:	EW01C-CP-00-031716				
Operator ID:	VOA GC/MS1	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 2-Butanone (MEK), CAS: 78-93-3

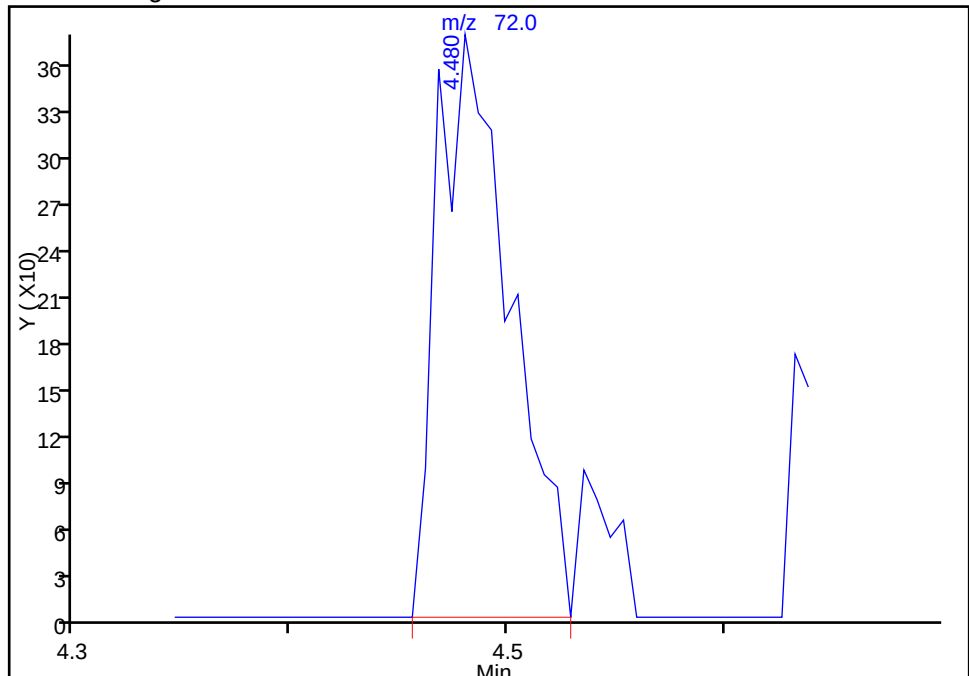
RT: 4.48
Area: 712
Amount: 2.650122
Amount Units: ug/l

Processing Integration Results



RT: 4.48
Area: 875
Amount: 3.256821
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 29-Mar-2016 15:02:09
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW02A-CP-00-031716</u>	Lab Sample ID: <u>460-110867-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19642.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:16</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/28/2016 11:36</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	38		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	0.30	J	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	0.41	J	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW02A-CP-00-031716 Lab Sample ID: 460-110867-10
 Matrix: Water Lab File ID: A19642.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:16
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 11:36
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.39	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	99		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19642.D
 Lims ID: 460-110867-B-10 Lab Sample ID: 460-110867-10
 Client ID: EW02A-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 11:36:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-B-10
 Misc. Info.: 460-0039079-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:30:56 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: delpolitov

Date: 28-Mar-2016 19:36:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.078	0.012	87	40794	38.3	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	226215	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	313306	250.0	
50 Cyclohexane	56	4.821	4.803	0.018	16	1682	0.3851	M
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	107971	49.4	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	158154	47.7	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	424061	50.0	
66 Trichloroethene	95	5.571	5.571	0.000	88	676	0.2951	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14983	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	394792	50.1	
82 Toluene	91	6.723	6.724	-0.001	92	3832	0.4120	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	268537	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	91568	49.6	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.193	-0.007	97	136909	50.0	
S 135 Total BTEX	1				0		0.4120	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00065

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00120

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19642.D

Injection Date: 28-Mar-2016 11:36:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-10

Lab Sample ID: 460-110867-10

Worklist Smp#: 8

Client ID: EW02A-CP-00-031716

Purge Vol: 5.000 mL

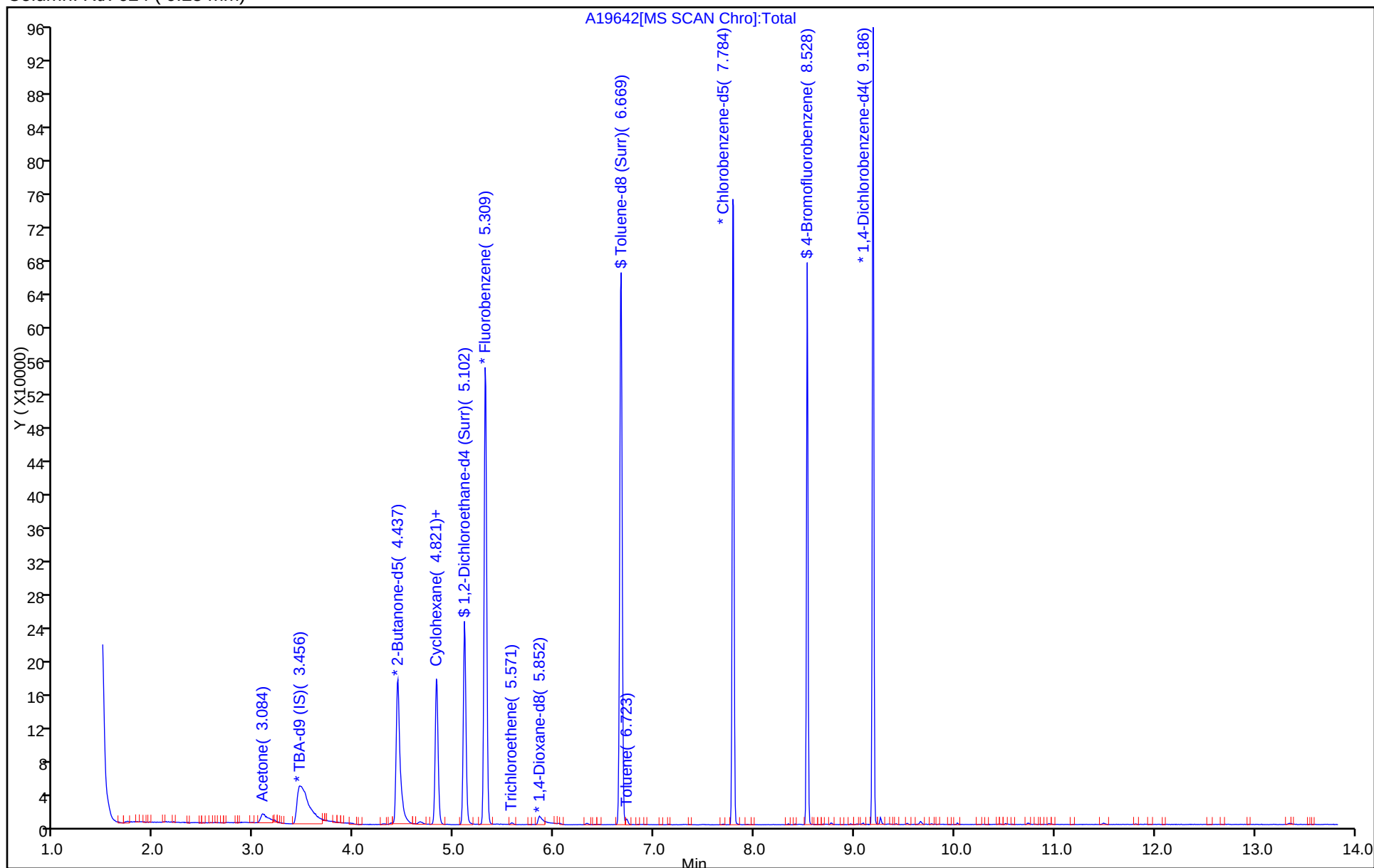
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19642.D

Injection Date: 28-Mar-2016 11:36:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-10

Lab Sample ID: 460-110867-10

Client ID: EW02A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

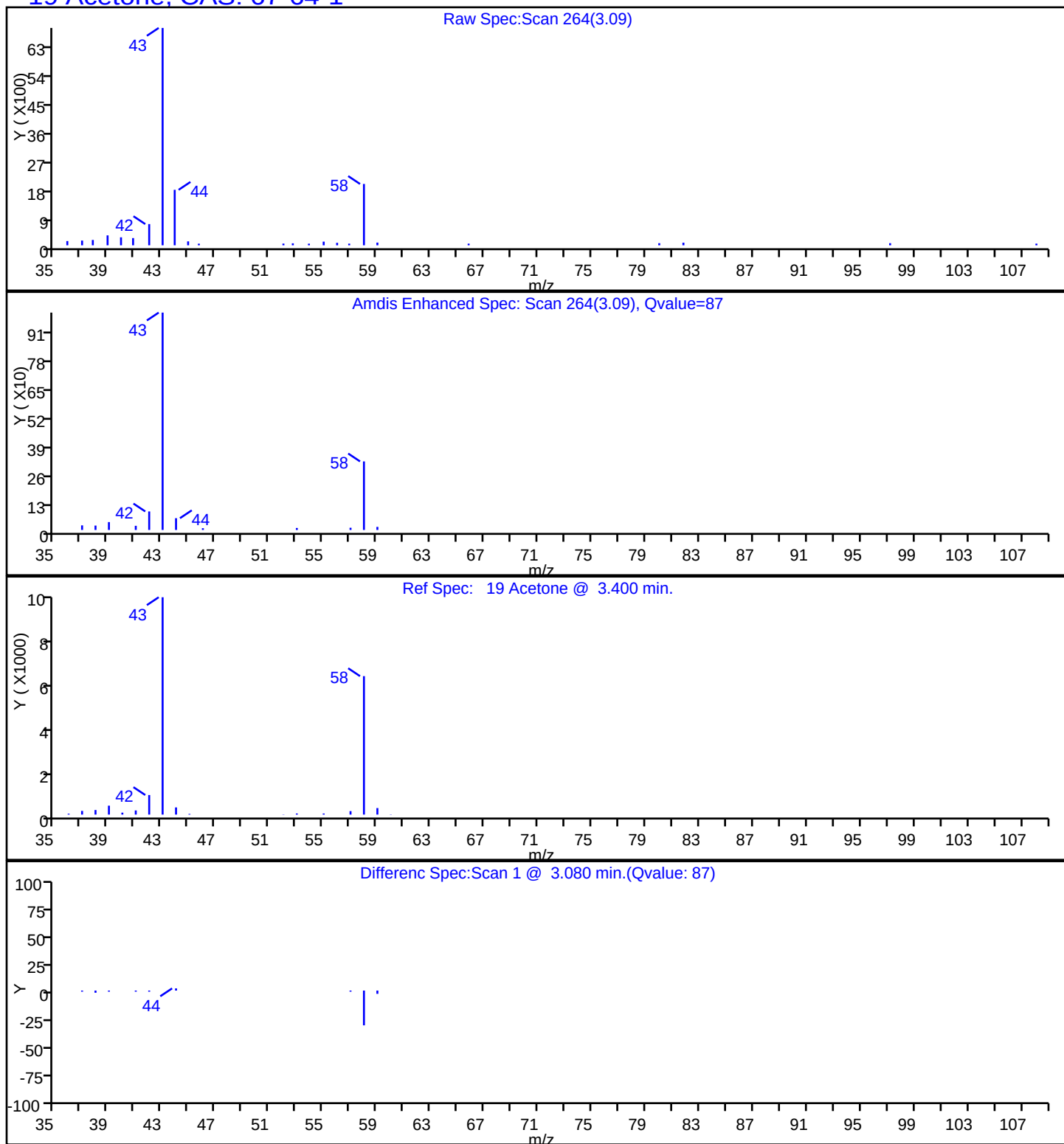
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19642.D

Injection Date: 28-Mar-2016 11:36:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-10

Lab Sample ID: 460-110867-10

Client ID: EW02A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 5.000 mL

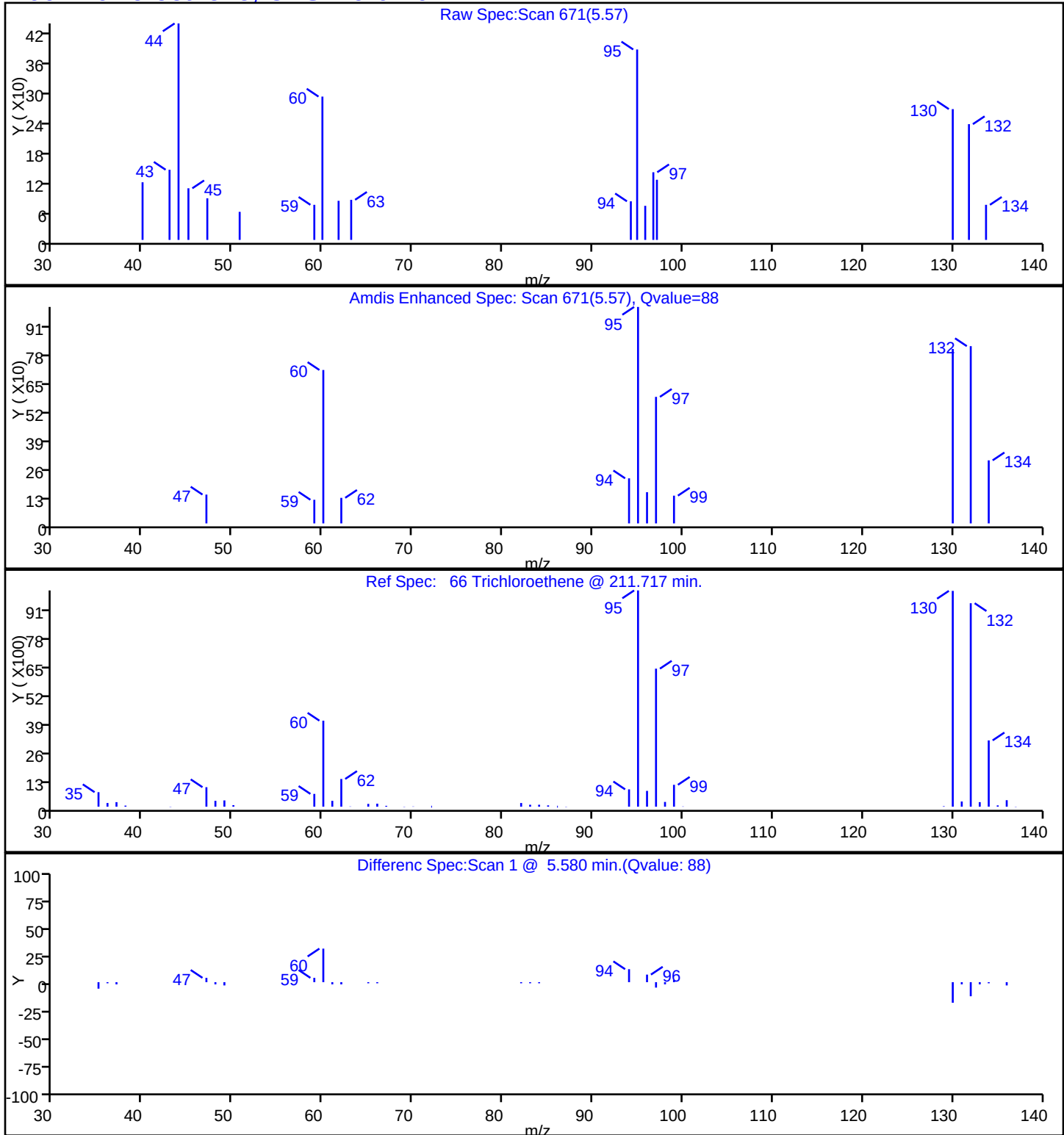
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19642.D

Injection Date: 28-Mar-2016 11:36:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-10

Lab Sample ID: 460-110867-10

Client ID: EW02A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

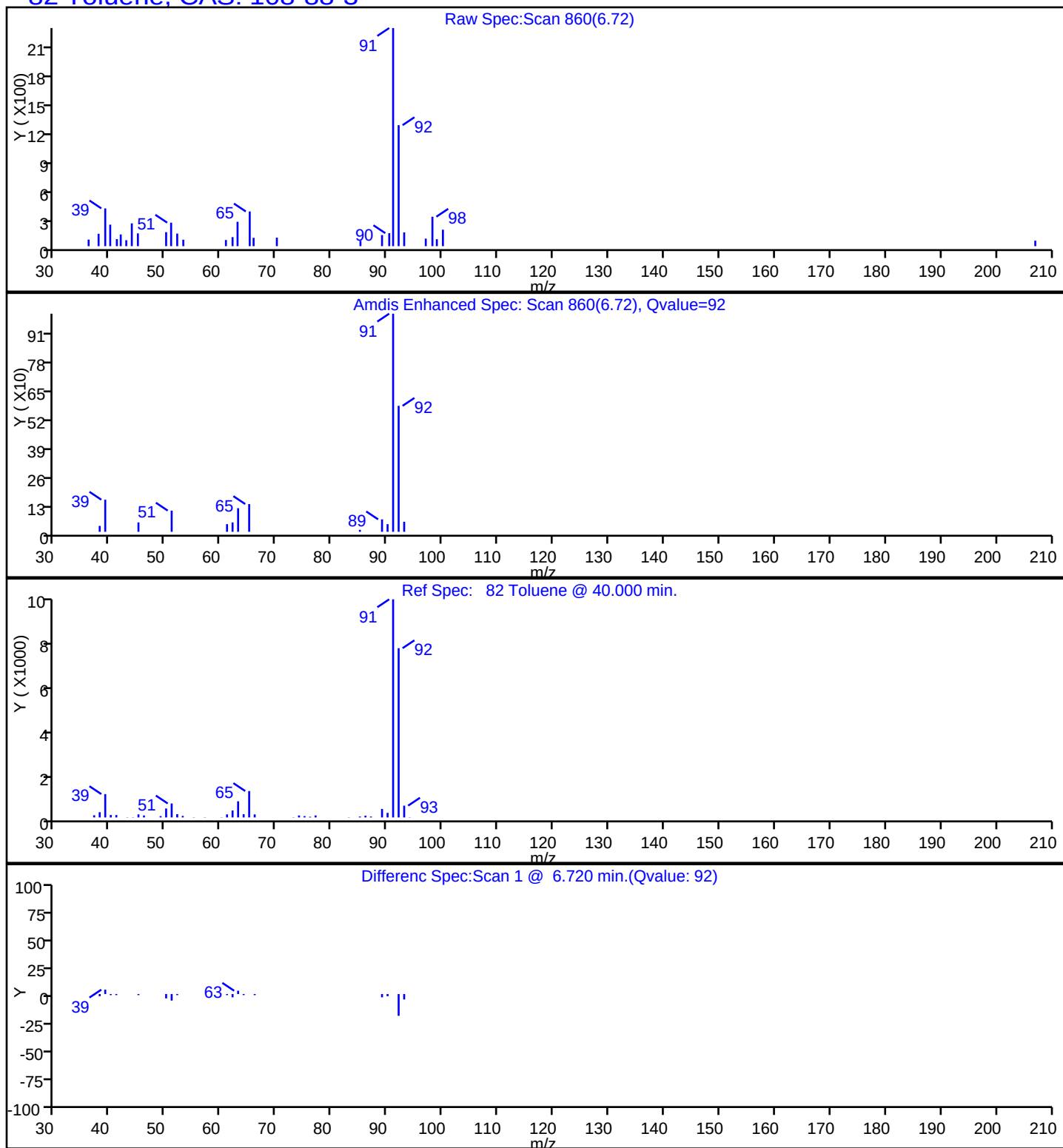
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 Toluene, CAS: 108-88-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19642.D

Injection Date: 28-Mar-2016 11:36:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-10

Lab Sample ID: 460-110867-10

Client ID: EW02A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

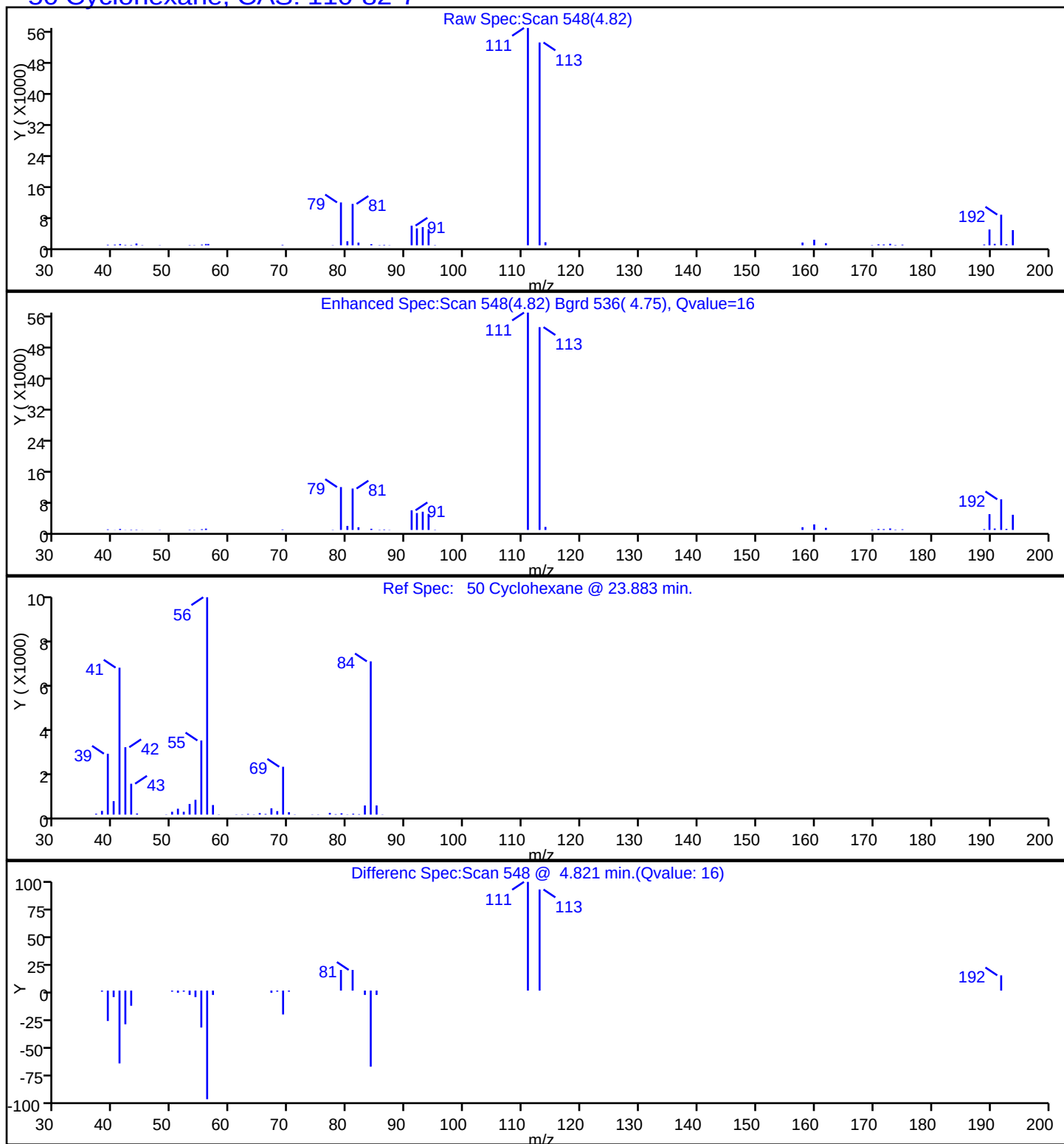
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

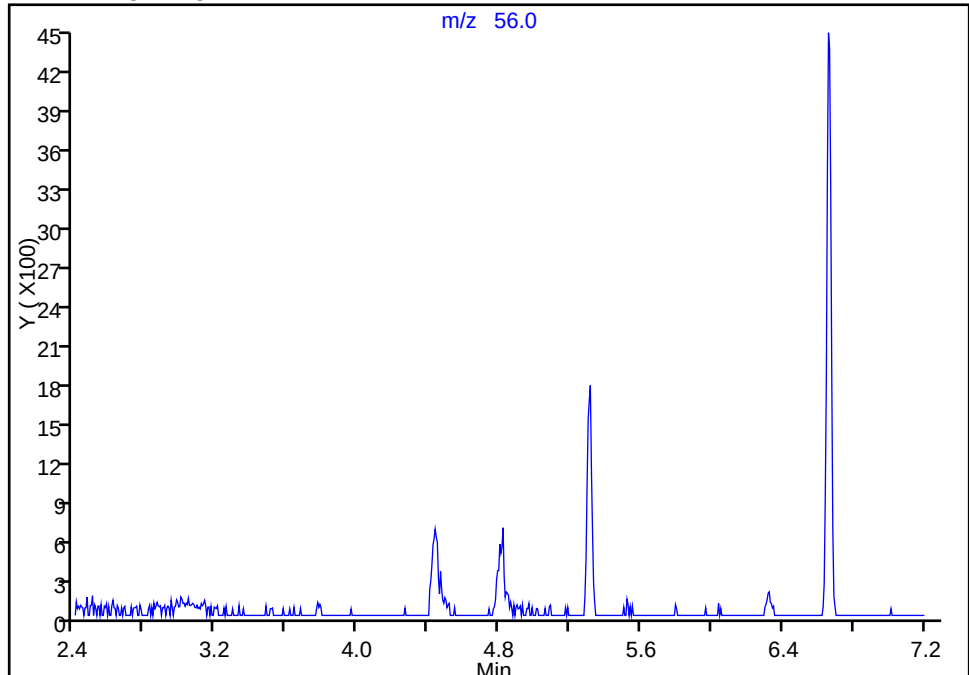
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19642.D		
Injection Date:	28-Mar-2016 11:36:30	Instrument ID:	CVOAMS1
Lims ID:	460-110867-B-10	Lab Sample ID:	460-110867-10
Client ID:	EW02A-CP-00-031716		
Operator ID:	VOA GC/MS1	ALS Bottle#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	8

50 Cyclohexane, CAS: 110-82-7

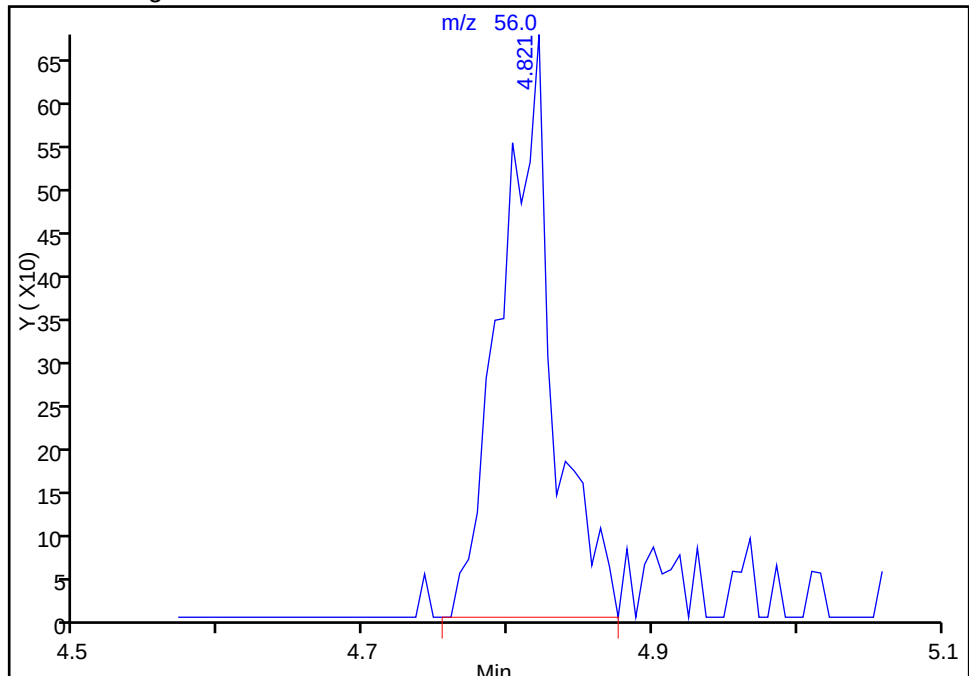
Not Detected
Expected RT: 4.80

Processing Integration Results



RT: 4.82
Area: 1682
Amount: 0.385058
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 29-Mar-2016 15:30:55
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW02B-CP-00-031716</u>	Lab Sample ID: <u>460-110867-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19643.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:07</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/28/2016 11:57</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	32		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.16	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW02B-CP-00-031716 Lab Sample ID: 460-110867-11
 Matrix: Water Lab File ID: A19643.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:07
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 11:57
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.48	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	98		70-131
1868-53-7	Dibromofluoromethane (Surr)	99		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19643.D
 Lims ID: 460-110867-B-11 Lab Sample ID: 460-110867-11
 Client ID: EW02B-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 11:57:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-B-11
 Misc. Info.: 460-0039079-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:31:06 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:09:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.096	3.078	0.018	87	35006	31.6	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	233934	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	326572	250.0	
50 Cyclohexane	56	4.809	4.803	0.006	31	2147	0.4841	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	109698	49.5	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	162527	48.3	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	430552	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15742	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	404597	50.2	
86 Tetrachloroethene	166	7.138	7.144	-0.006	77	270	0.1644	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	274768	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	92788	49.2	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.193	-0.006	97	141926	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19643.D

Injection Date: 28-Mar-2016 11:57:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-11

Lab Sample ID: 460-110867-11

Worklist Smp#: 9

Client ID: EW02B-CP-00-031716

Purge Vol: 5.000 mL

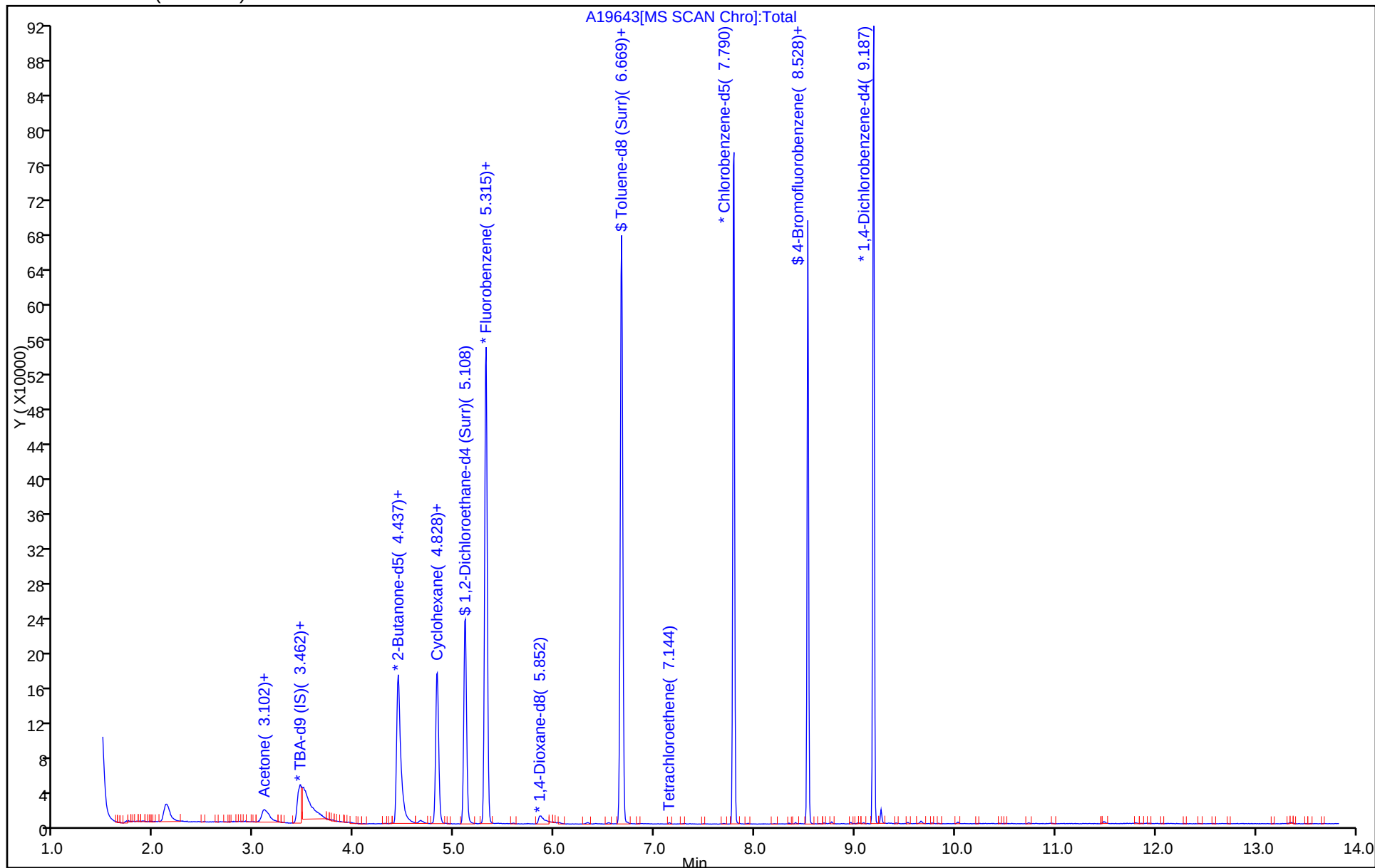
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19643.D

Injection Date: 28-Mar-2016 11:57:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-11

Lab Sample ID: 460-110867-11

Client ID: EW02B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

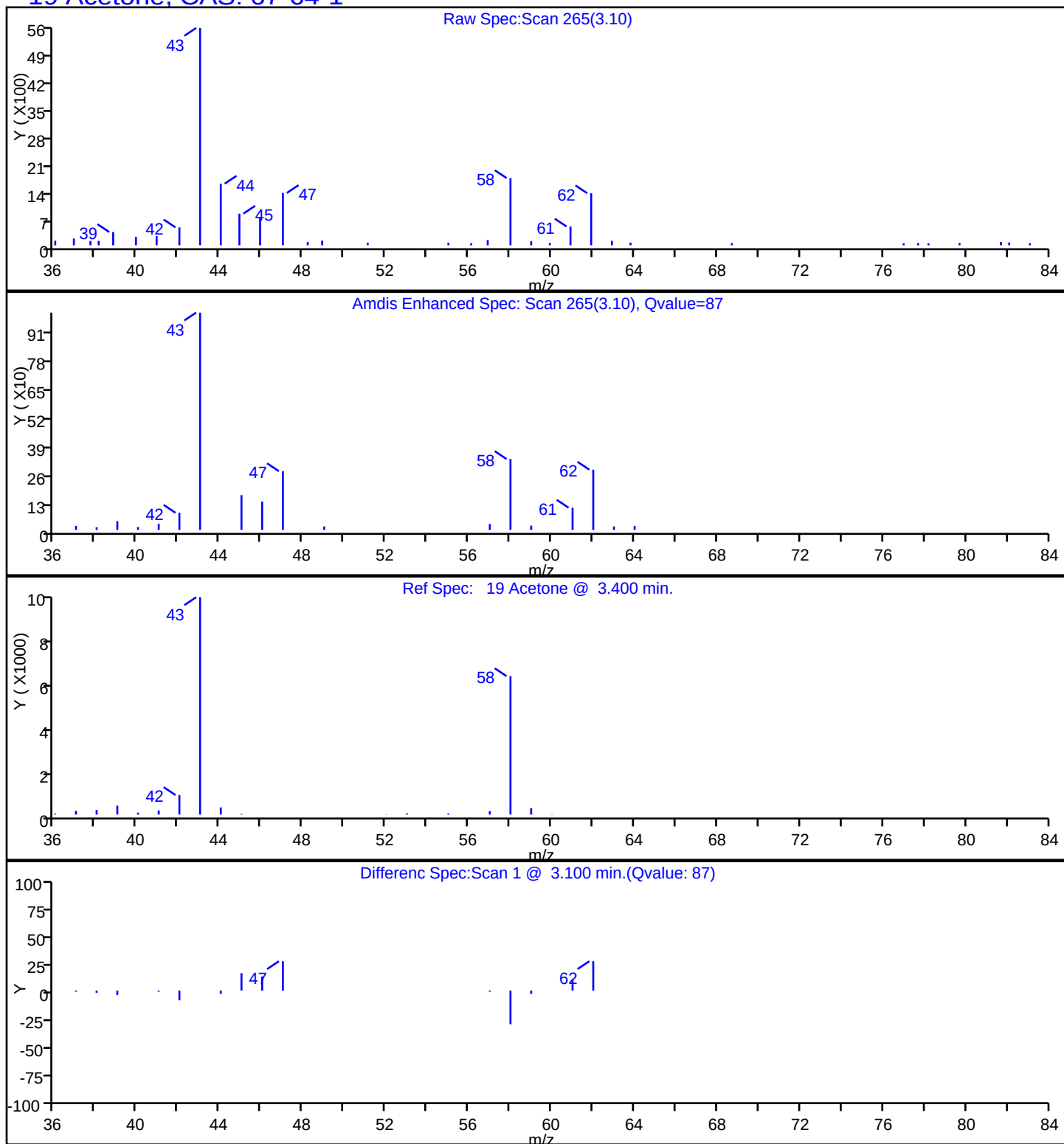
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19643.D

Injection Date: 28-Mar-2016 11:57:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-11

Lab Sample ID: 460-110867-11

Client ID: EW02B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

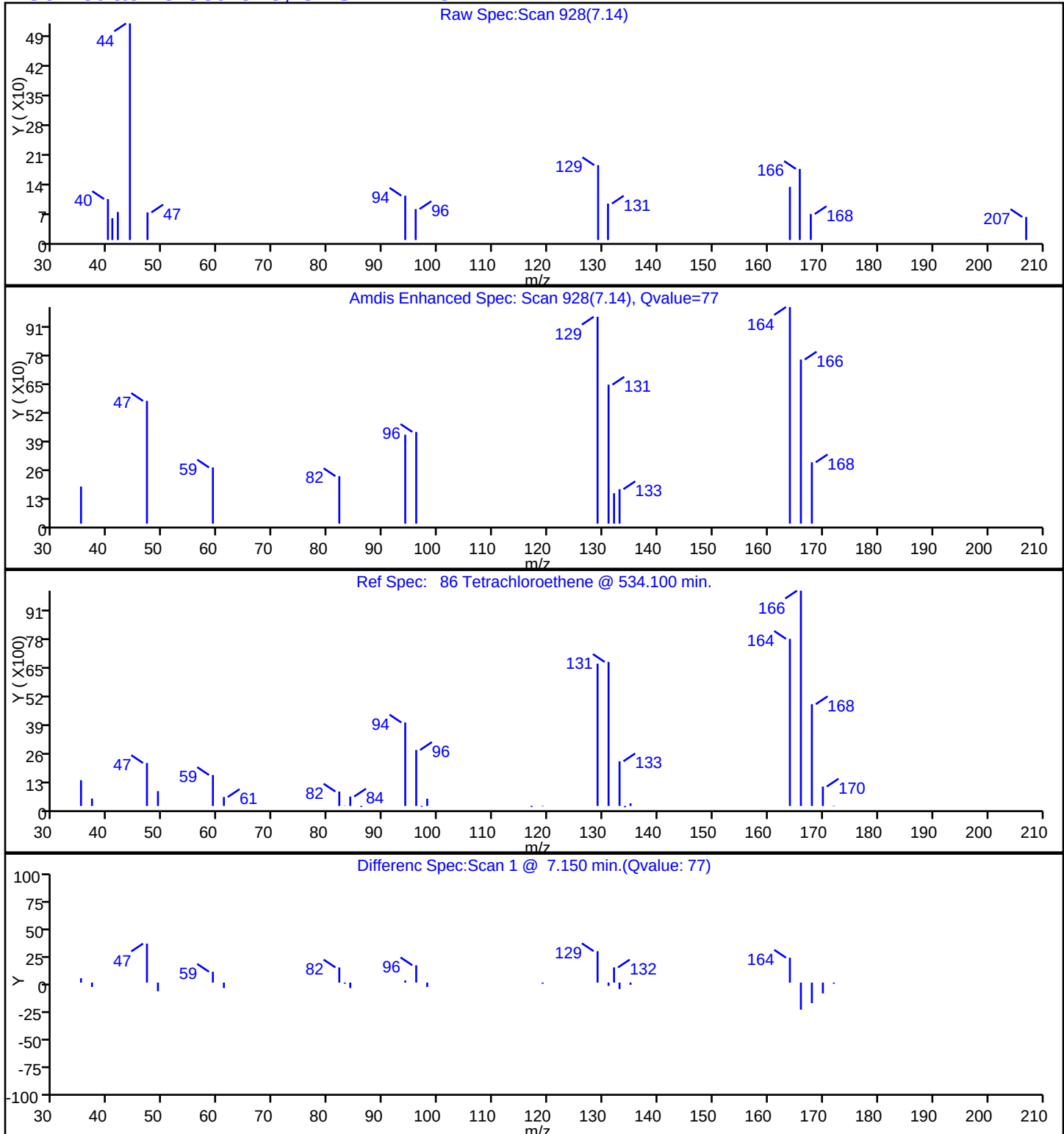
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19643.D

Injection Date: 28-Mar-2016 11:57:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-11

Lab Sample ID: 460-110867-11

Client ID: EW02B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

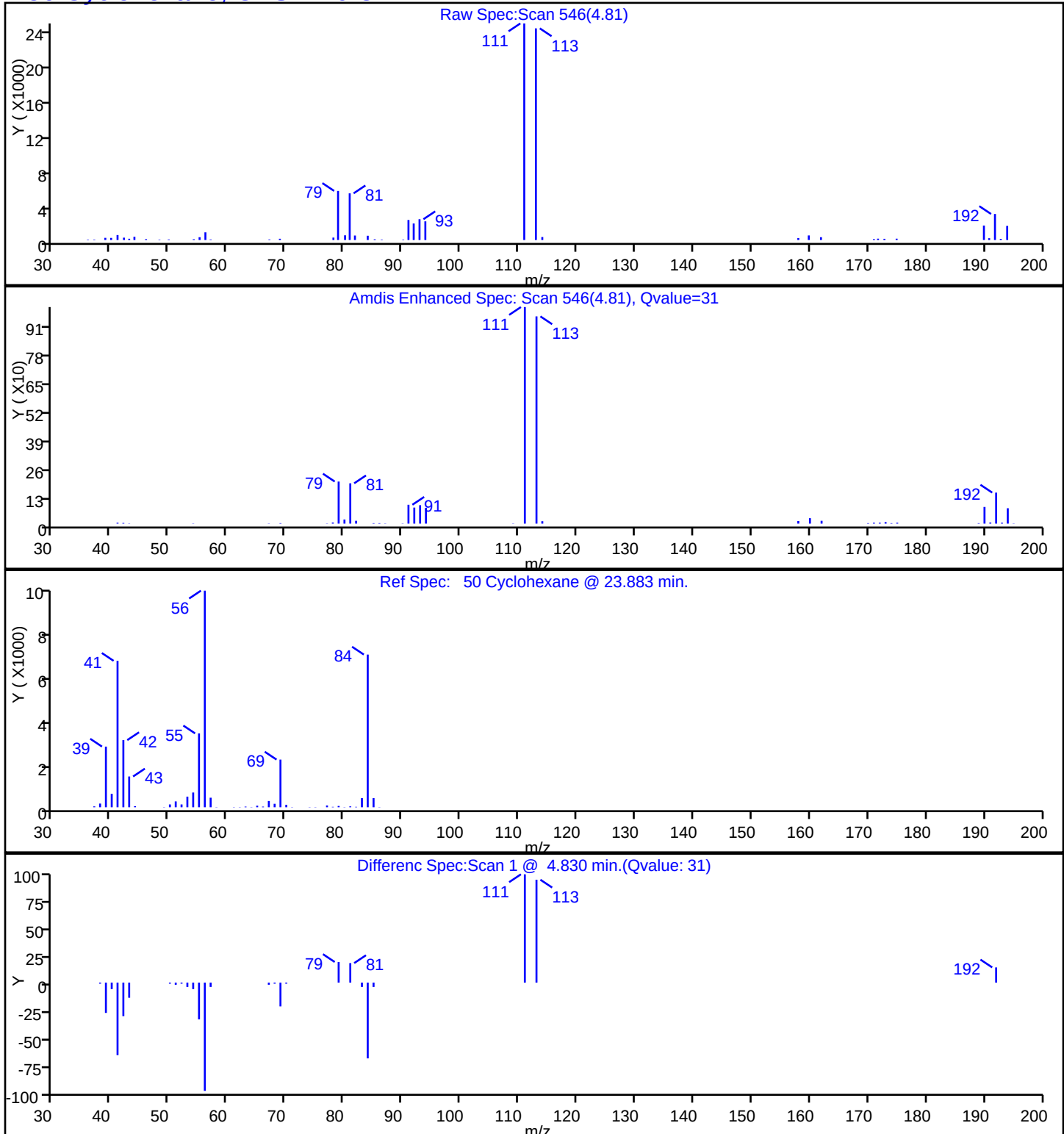
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW02C-CP-00-031716</u>	Lab Sample ID: <u>460-110867-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19594.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 12:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	19		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	0.43	J	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW02C-CP-00-031716 Lab Sample ID: 460-110867-12
 Matrix: Water Lab File ID: A19594.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 12:28
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.28	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-137
2037-26-5	Toluene-d8 (Surr)	101		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	103		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19594.D
 Lims ID: 460-110867-A-12 Lab Sample ID: 460-110867-12
 Client ID: EW02C-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 12:28:30 ALS Bottle#: 8 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-12
 Misc. Info.: 460-0039013-015
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:30:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.084	0.006	86	20019	19.3	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	235455	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	305785	250.0	
50 Cyclohexane	56	4.815	4.809	0.006	63	1090	0.2817	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	99424	51.4	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	152426	51.9	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	375592	50.0	
66 Trichloroethene	95	5.571	5.571	0.000	87	882	0.4347	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	16278	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	97	358293	50.4	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	94	242439	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	82787	49.7	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	124844	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19594.D

Injection Date: 26-Mar-2016 12:28:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-12

Lab Sample ID: 460-110867-12

Worklist Smp#: 15

Client ID: EW02C-CP-00-031716

Purge Vol: 5.000 mL

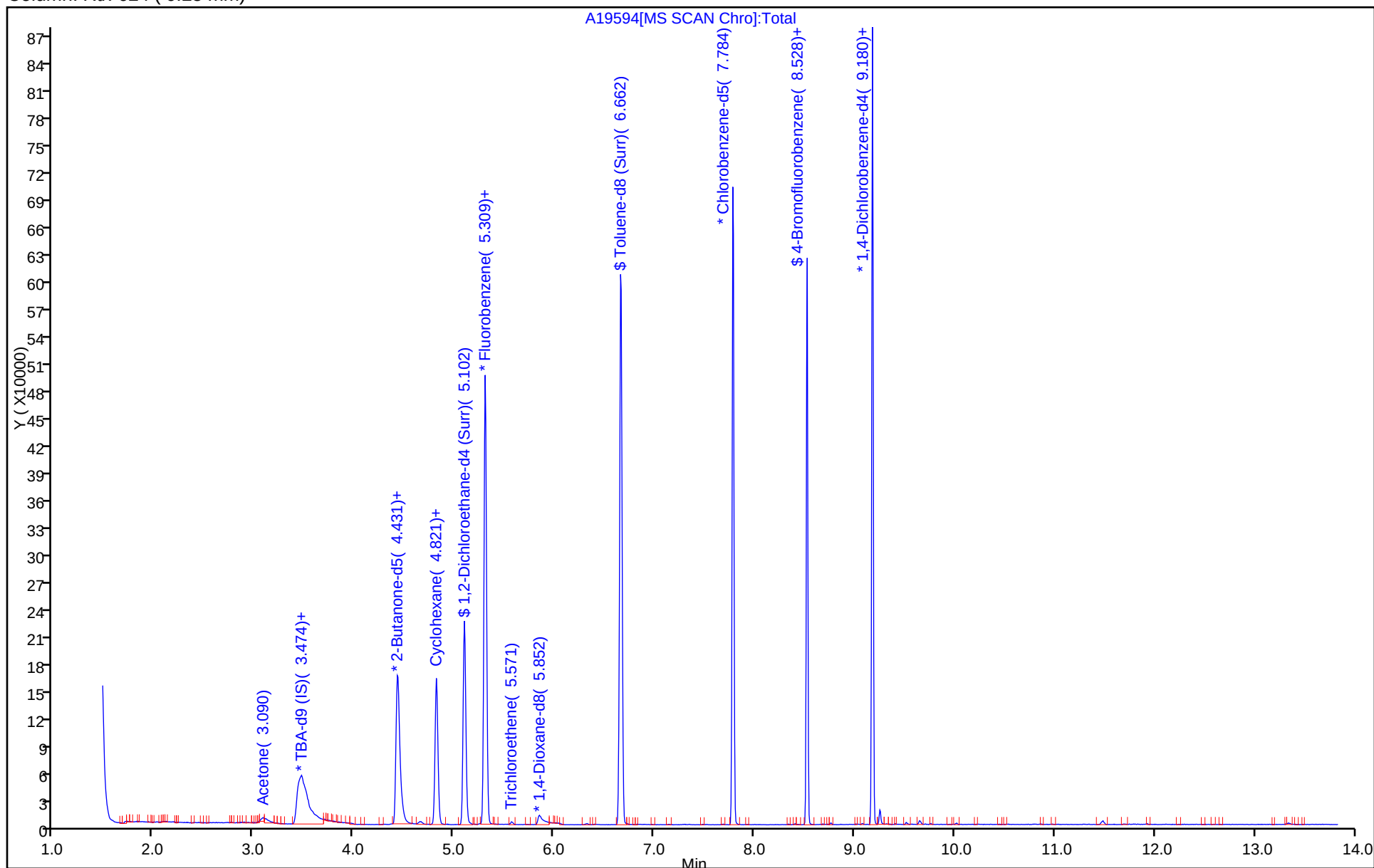
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19594.D

Injection Date: 26-Mar-2016 12:28:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-12

Lab Sample ID: 460-110867-12

Client ID: EW02C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 8 Worklist Smp#: 15

Purge Vol: 5.000 mL

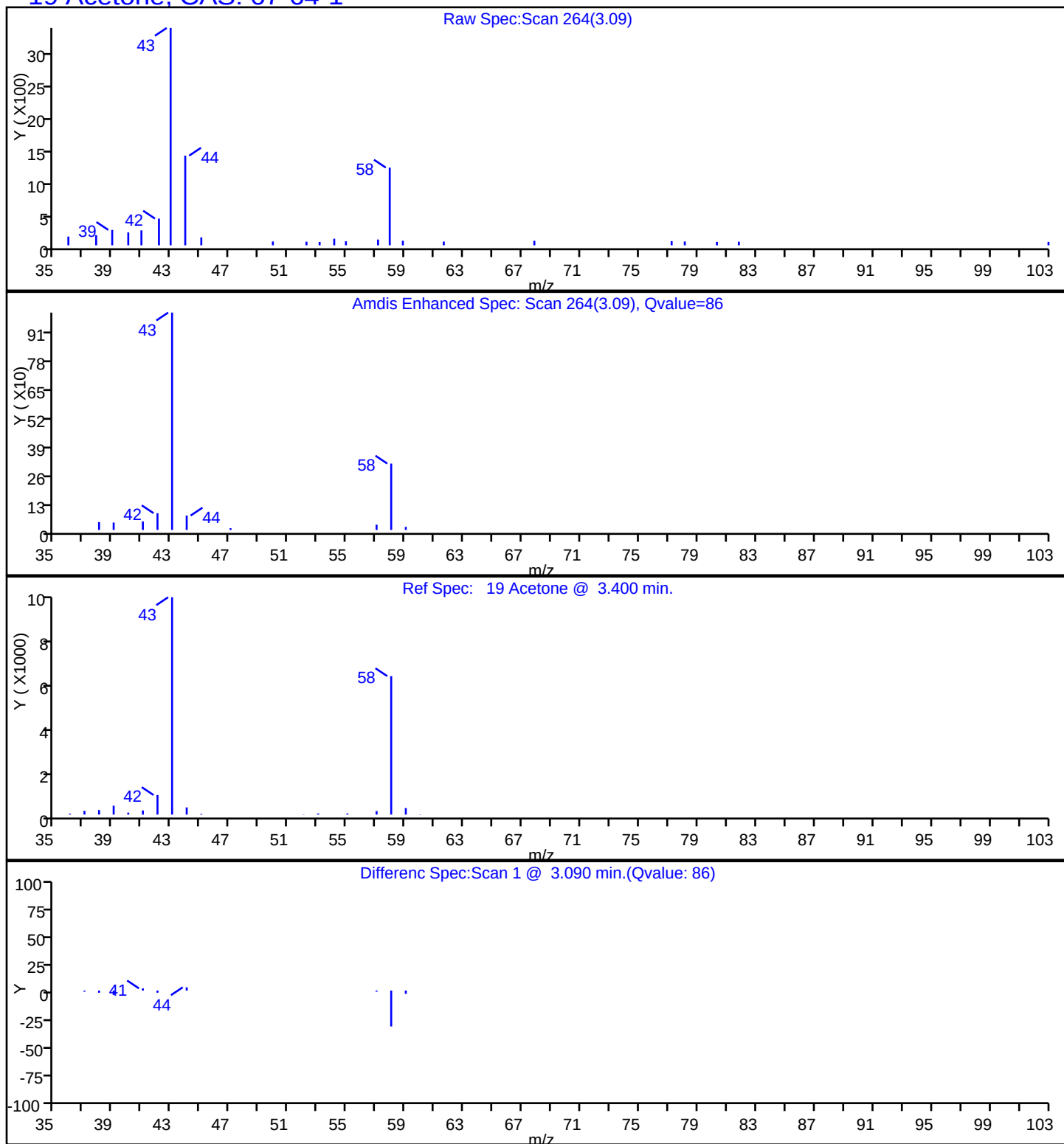
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19594.D

Injection Date: 26-Mar-2016 12:28:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-12

Lab Sample ID: 460-110867-12

Client ID: EW02C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 8

Worklist Smp#: 15

Purge Vol: 5.000 mL

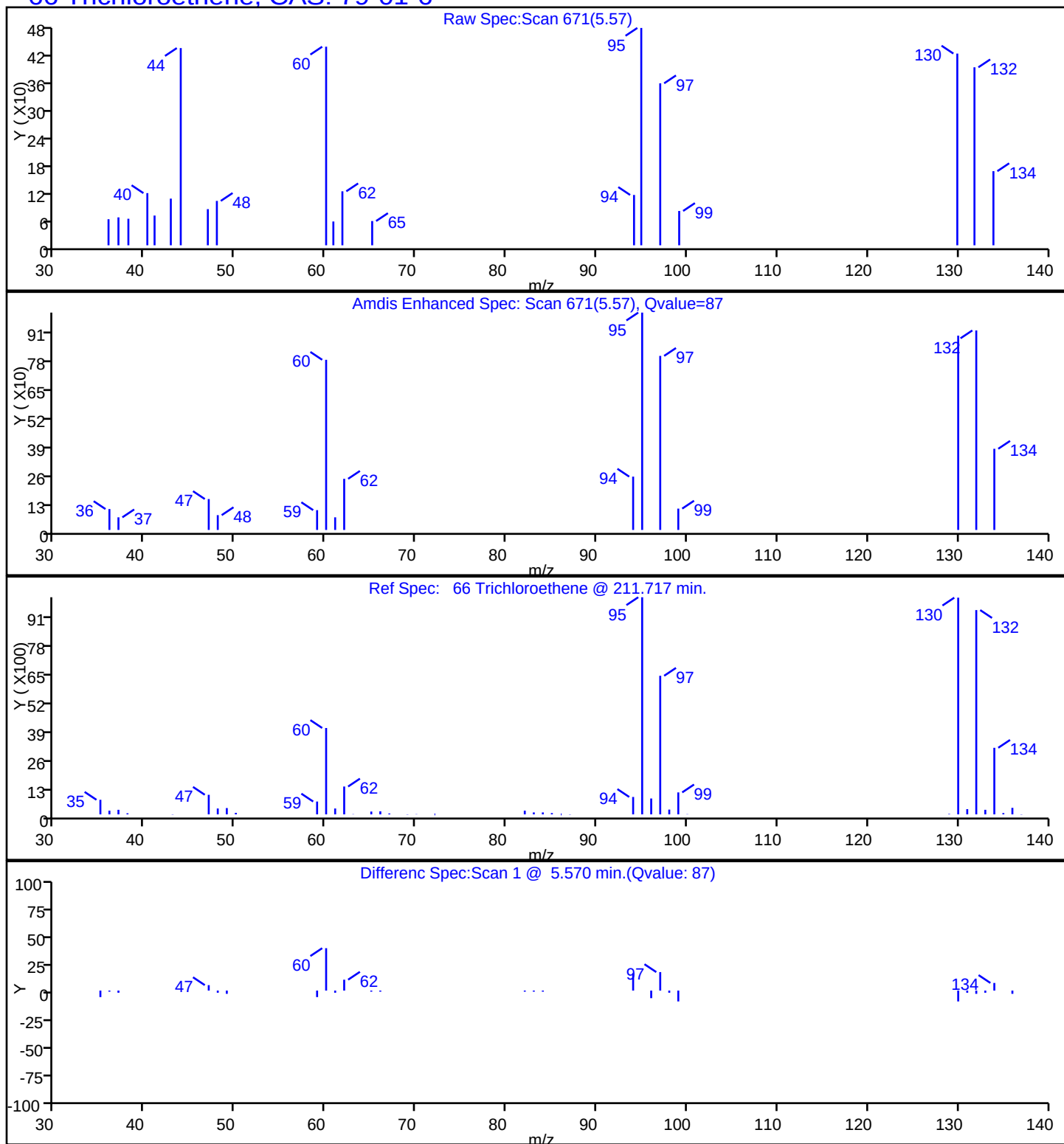
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19594.D

Injection Date: 26-Mar-2016 12:28:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-12

Lab Sample ID: 460-110867-12

Client ID: EW02C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 8 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

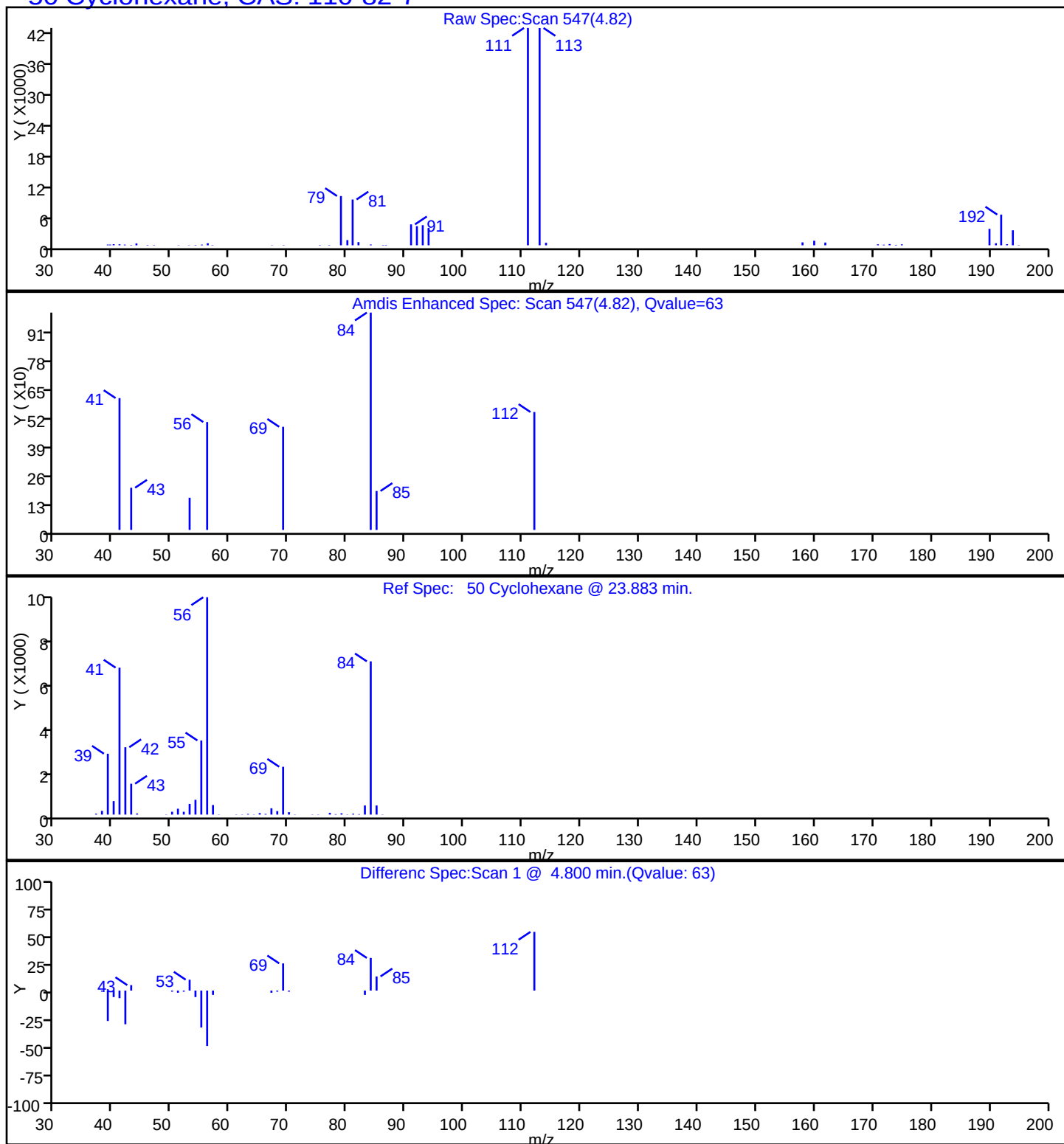
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW02D-CP-00-031716</u>	Lab Sample ID: <u>460-110867-13</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19595.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 13:51</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 12:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	22		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.46	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	2.2		1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW02D-CP-00-031716 Lab Sample ID: 460-110867-13
 Matrix: Water Lab File ID: A19595.D
 Analysis Method: 8260C Date Collected: 03/15/2016 13:51
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 12:49
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	5.0	U	5.0	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-137
2037-26-5	Toluene-d8 (Surr)	101		74-120
460-00-4	4-Bromofluorobenzene	98		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19595.D
 Lims ID: 460-110867-A-13 Lab Sample ID: 460-110867-13
 Client ID: EW02D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 12:49:30 ALS Bottle#: 9 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-13
 Misc. Info.: 460-0039013-016
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:30:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.096	3.084	0.012	86	23203	21.6	
* 28 TBA-d9 (IS)	65	3.480	3.468	0.012	0	227264	1000.0	
* 39 2-Butanone-d5	46	4.438	4.431	0.007	0	315479	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	101322	50.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	155889	51.5	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	387039	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	13660	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	368050	50.5	
82 Toluene	91	6.724	6.723	0.001	90	18828	2.19	
86 Tetrachloroethene	166	7.150	7.144	0.006	78	677	0.4554	
* 92 Chlorobenzene-d5	117	7.791	7.784	0.007	94	248627	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	83402	48.8	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	130119	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19595.D

Injection Date: 26-Mar-2016 12:49:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-13

Lab Sample ID: 460-110867-13

Worklist Smp#: 16

Client ID: EW02D-CP-00-031716

Purge Vol: 5.000 mL

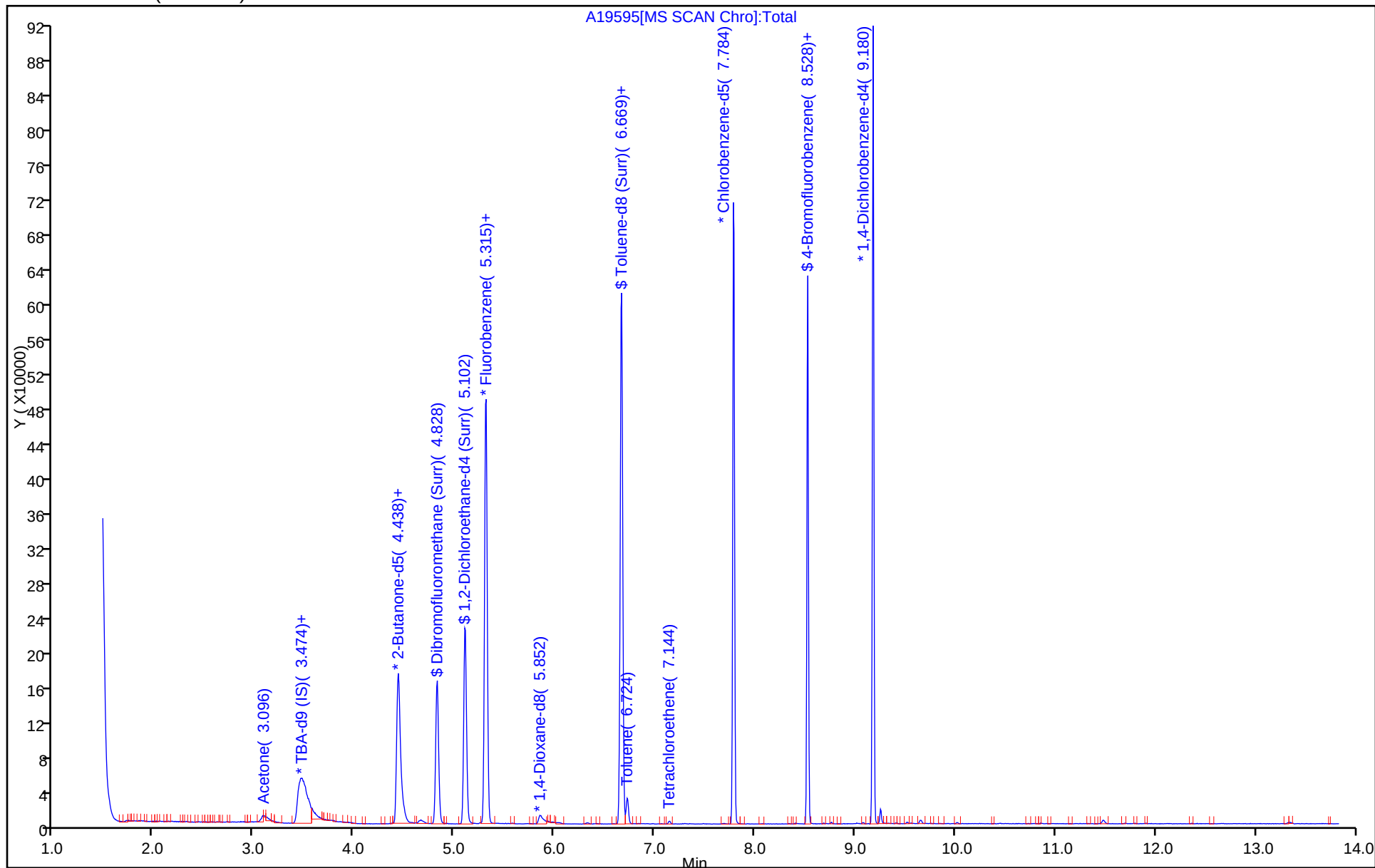
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19595.D

Injection Date: 26-Mar-2016 12:49:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-13

Lab Sample ID: 460-110867-13

Client ID: EW02D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9 Worklist Smp#: 16

Purge Vol: 5.000 mL

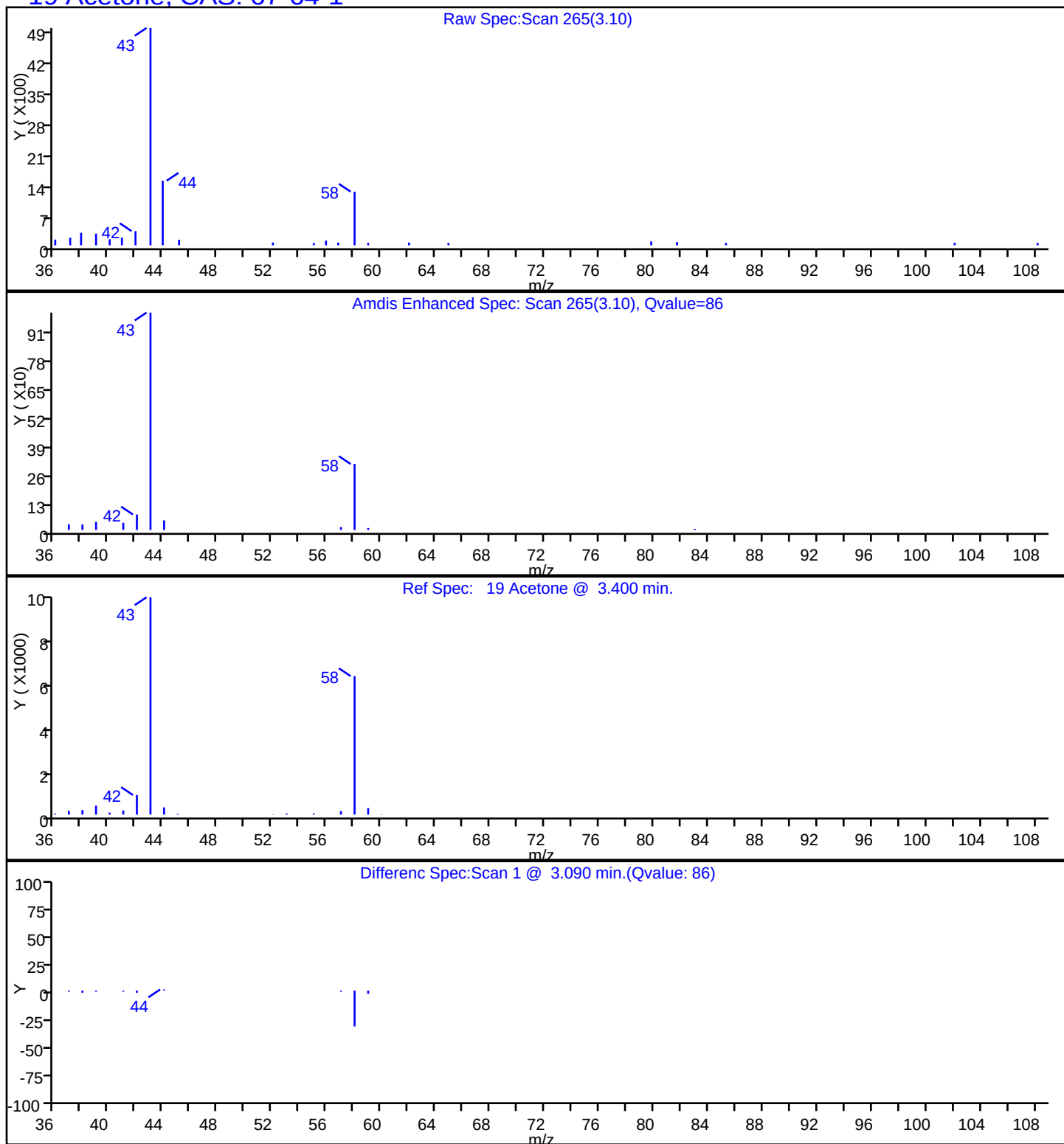
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19595.D

Injection Date: 26-Mar-2016 12:49:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-13

Lab Sample ID: 460-110867-13

Client ID: EW02D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 16

Purge Vol: 5.000 mL

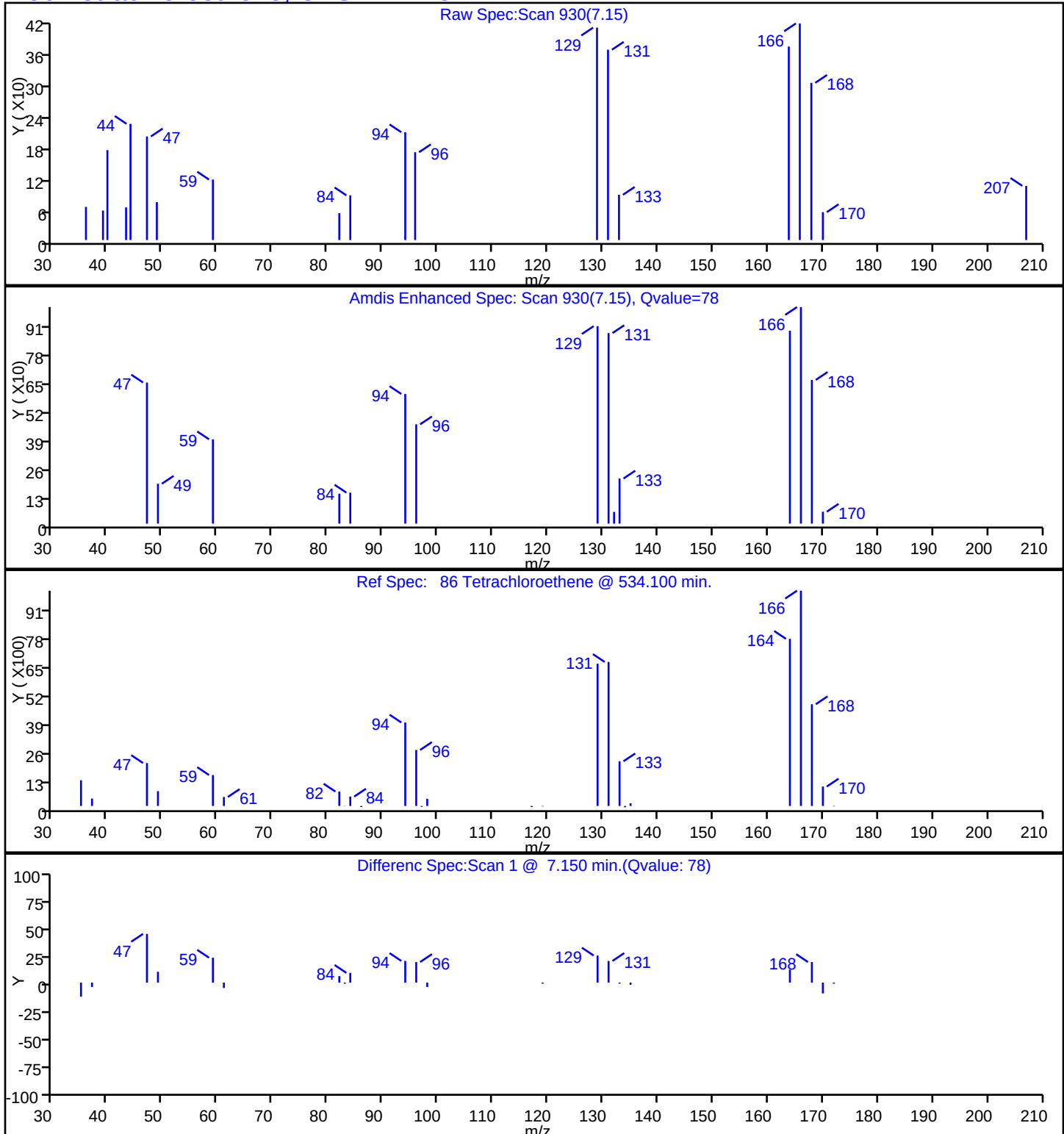
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19595.D

Injection Date: 26-Mar-2016 12:49:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-13

Lab Sample ID: 460-110867-13

Client ID: EW02D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 16

Purge Vol: 5.000 mL

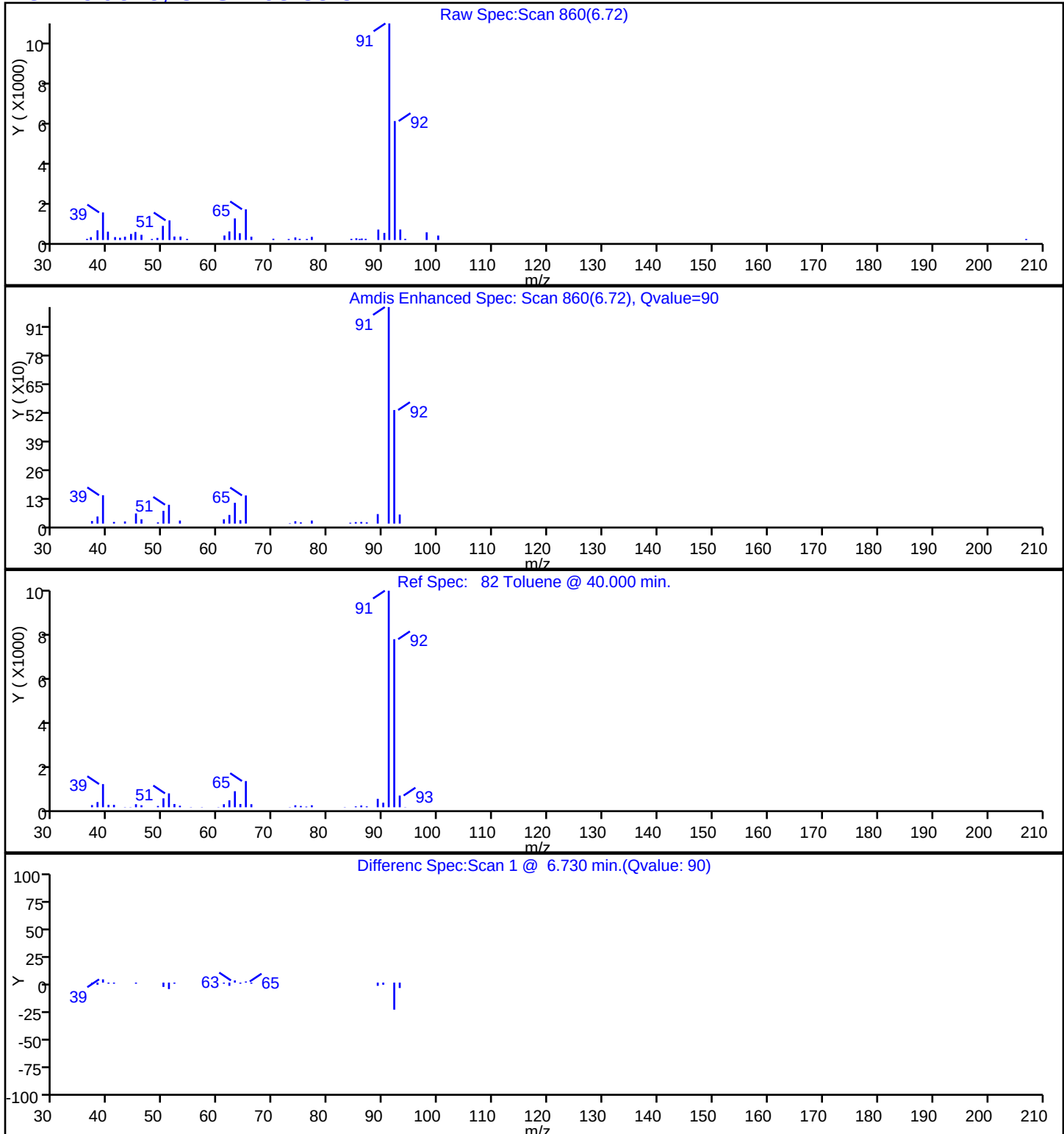
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 Toluene, CAS: 108-88-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: EW04A-CP-00-031716 Lab Sample ID: 460-110867-14

Matrix: Water Lab File ID: A19596.D

Analysis Method: 8260C Date Collected: 03/14/2016 12:46

Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 13:10

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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	34		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	7.0		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	3.2	J	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.1		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	7.5		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW04A-CP-00-031716 Lab Sample ID: 460-110867-14
 Matrix: Water Lab File ID: A19596.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:46
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 13:10
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	103		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19596.D
 Lims ID: 460-110867-A-14 Lab Sample ID: 460-110867-14
 Client ID: EW04A-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 13:10:30 ALS Bottle#: 10 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-14
 Misc. Info.: 460-0039013-017
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:31:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.096	3.084	0.012	85	34018	33.7	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	237461	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	297110	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	89	15752	7.00	
42 2-Butanone (MEK)	72	4.474	4.480	-0.006	94	839	3.15	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	93	97435	51.7	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	148440	51.9	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	365547	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	91	2118	1.07	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15948	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	344043	50.1	
86 Tetrachloroethene	166	7.150	7.144	0.006	87	10444	7.46	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	94	234273	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	80438	50.0	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	124014	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19596.D

Injection Date: 26-Mar-2016 13:10:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-14

Lab Sample ID: 460-110867-14

Worklist Smp#: 17

Client ID: EW04A-CP-00-031716

Purge Vol: 5.000 mL

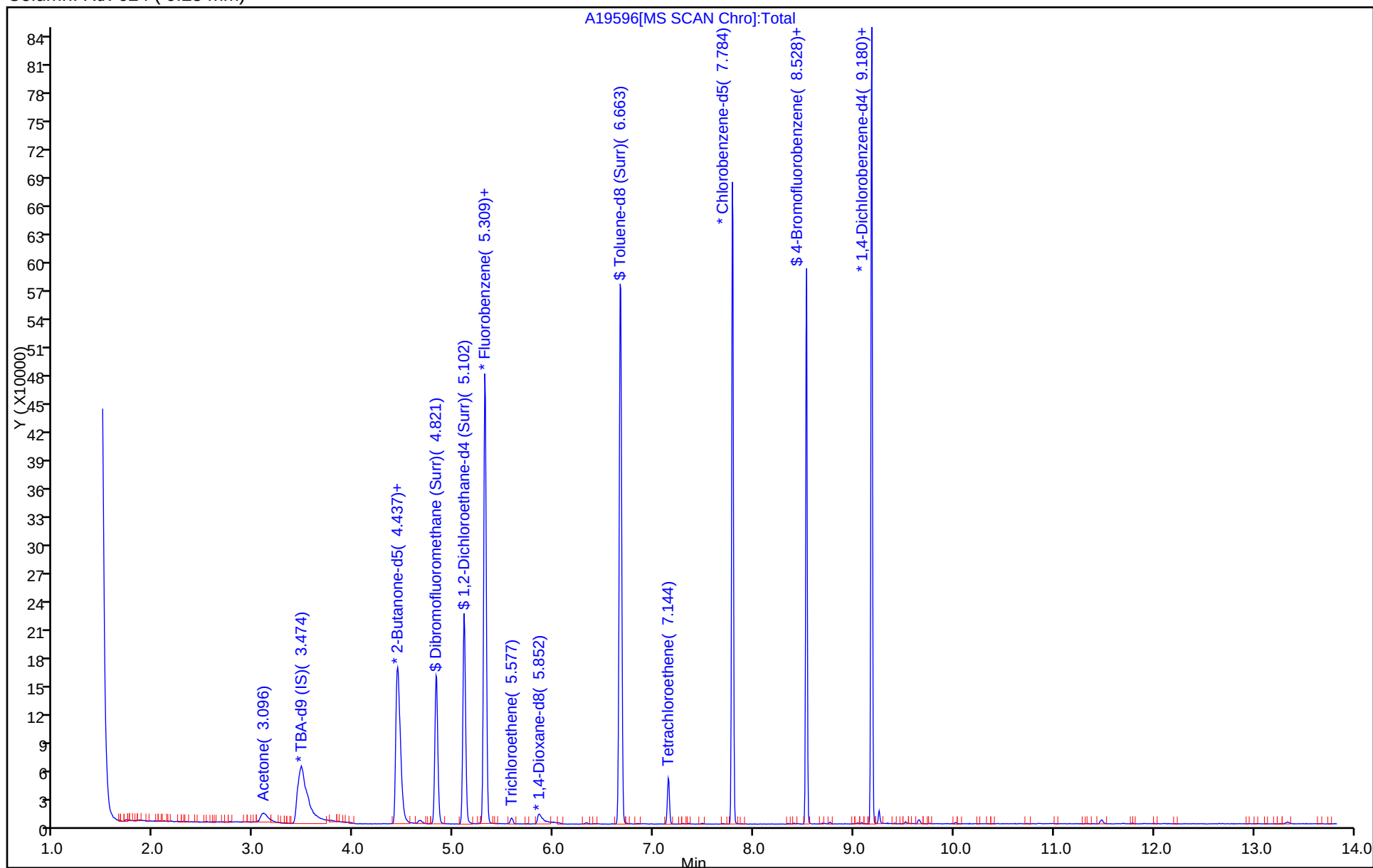
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19596.D

Injection Date: 26-Mar-2016 13:10:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-14

Lab Sample ID: 460-110867-14

Client ID: EW04A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10 Worklist Smp#: 17

Purge Vol: 5.000 mL

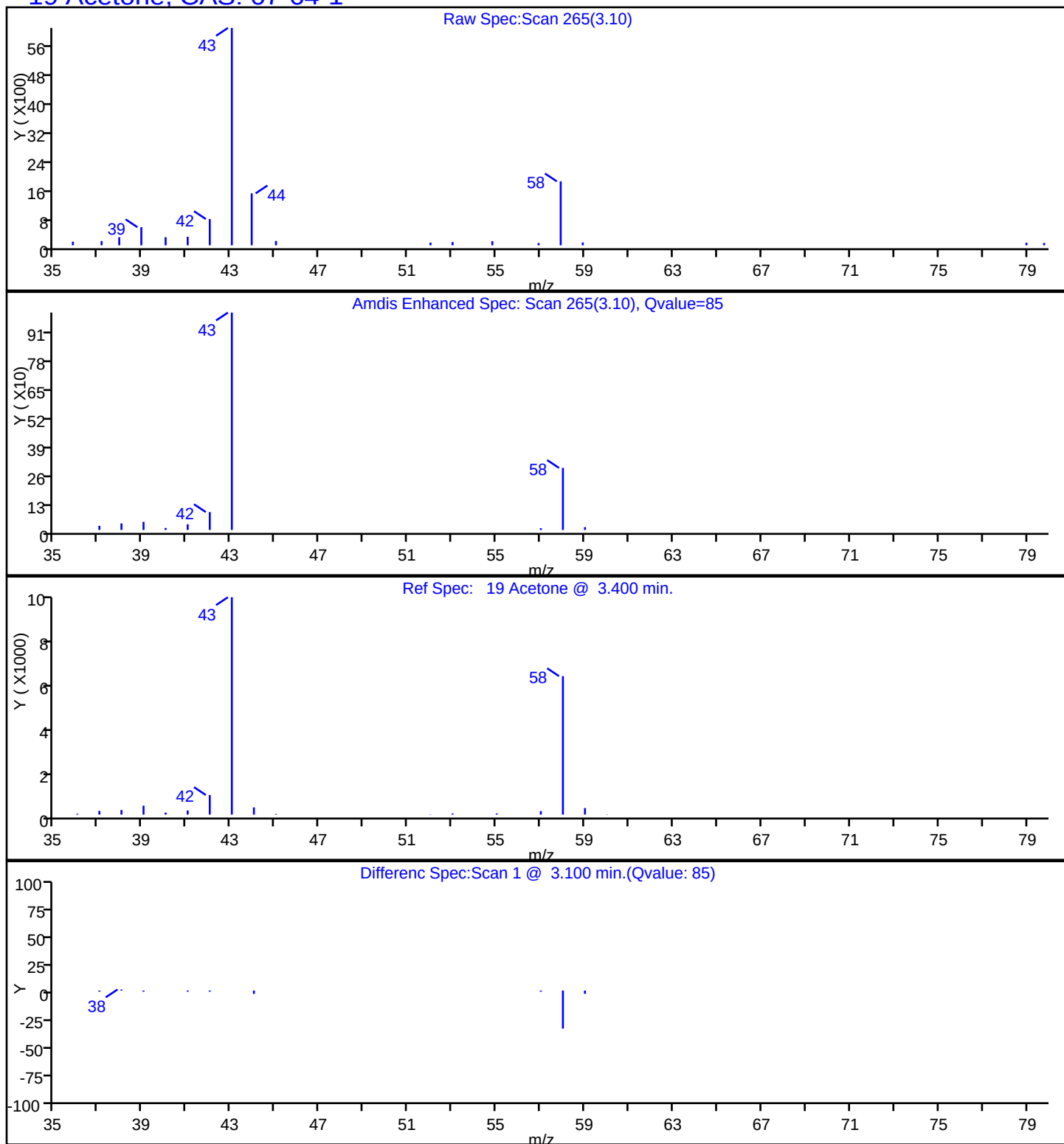
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19596.D

Injection Date: 26-Mar-2016 13:10:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-14

Lab Sample ID: 460-110867-14

Client ID: EW04A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 17

Purge Vol: 5.000 mL

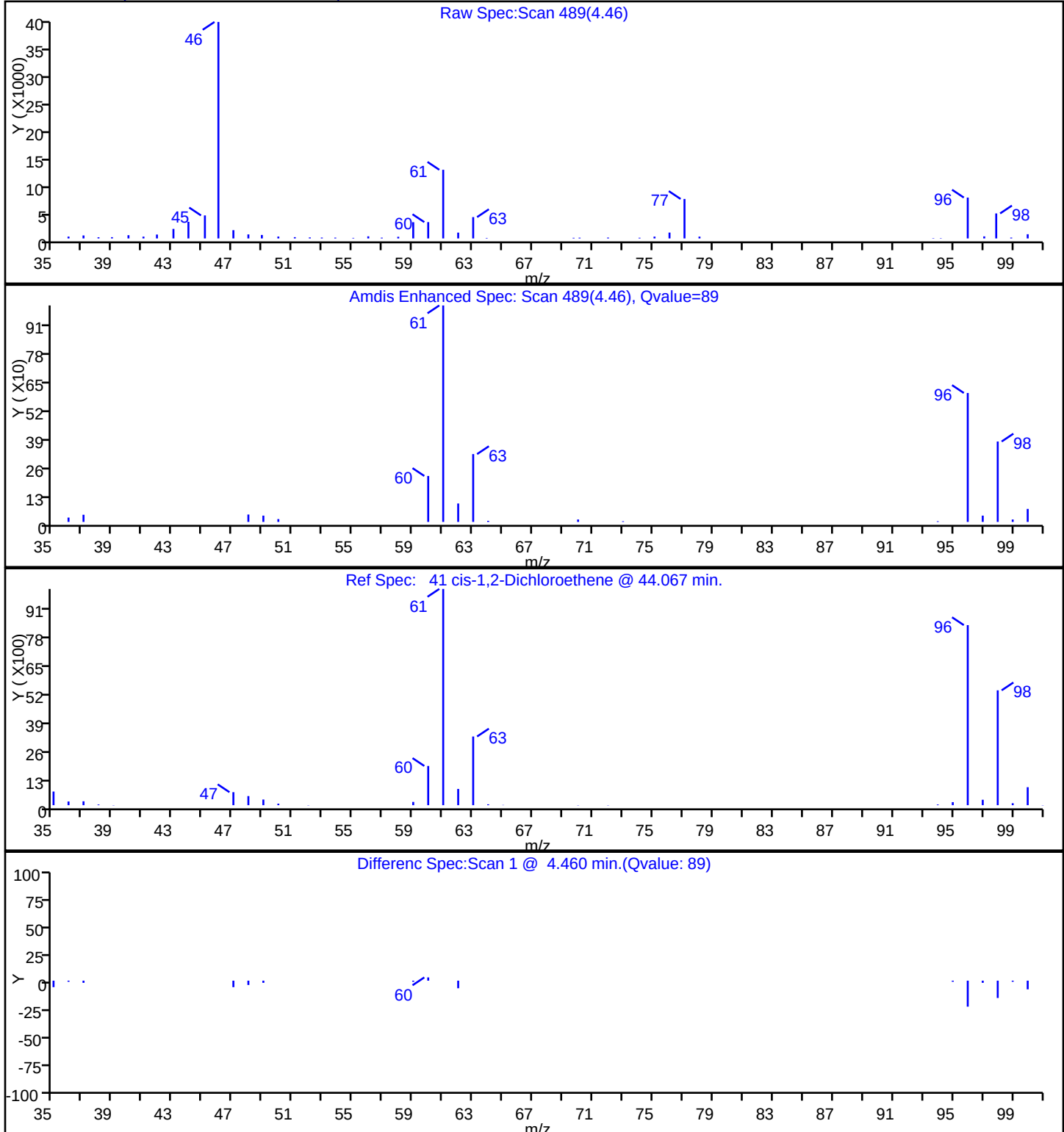
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19596.D

Injection Date: 26-Mar-2016 13:10:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-14

Lab Sample ID: 460-110867-14

Client ID: EW04A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10 Worklist Smp#: 17

Purge Vol: 5.000 mL

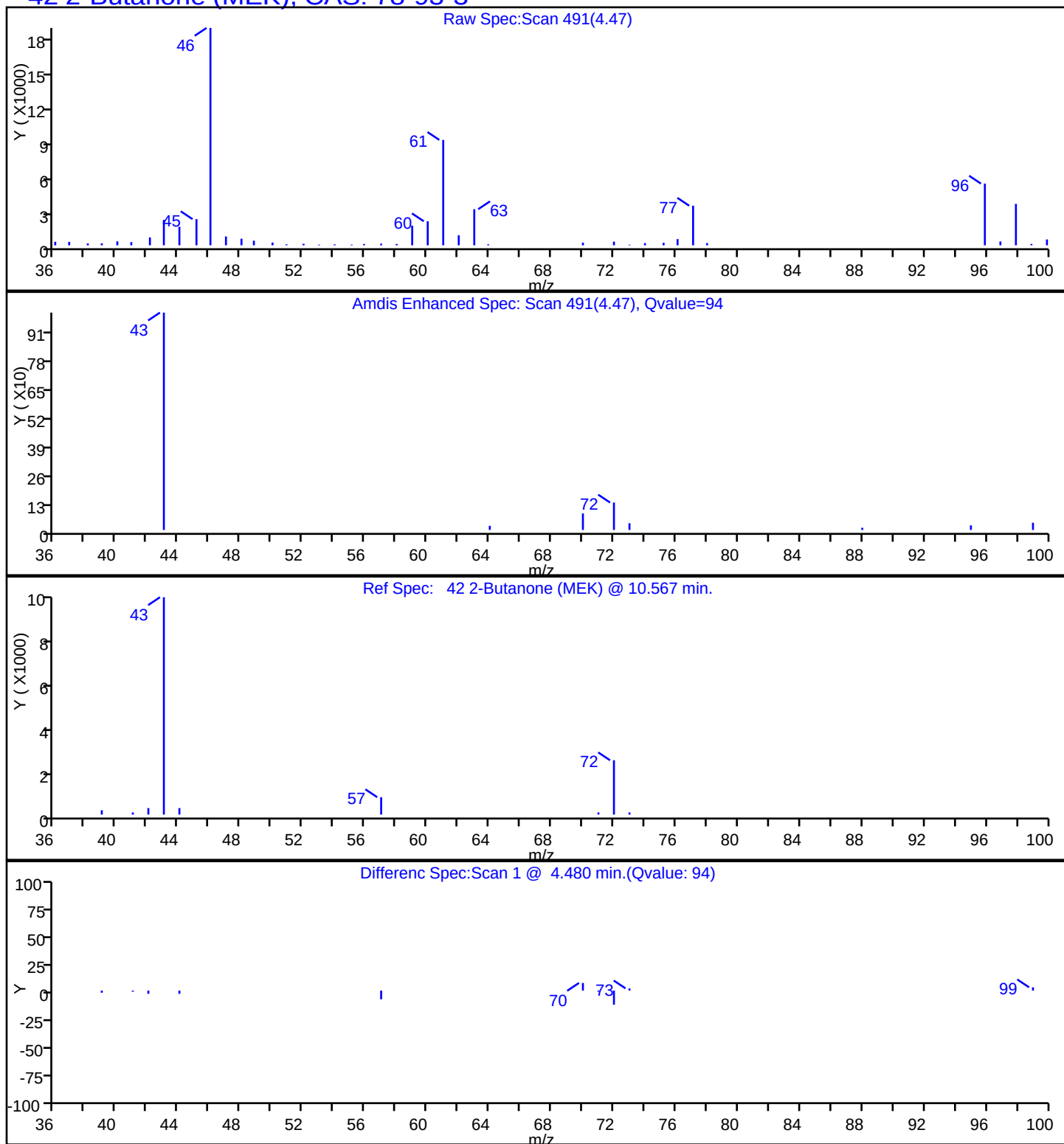
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK). CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19596.D

Injection Date: 26-Mar-2016 13:10:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-14

Lab Sample ID: 460-110867-14

Client ID: EW04A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 17

Purge Vol: 5.000 mL

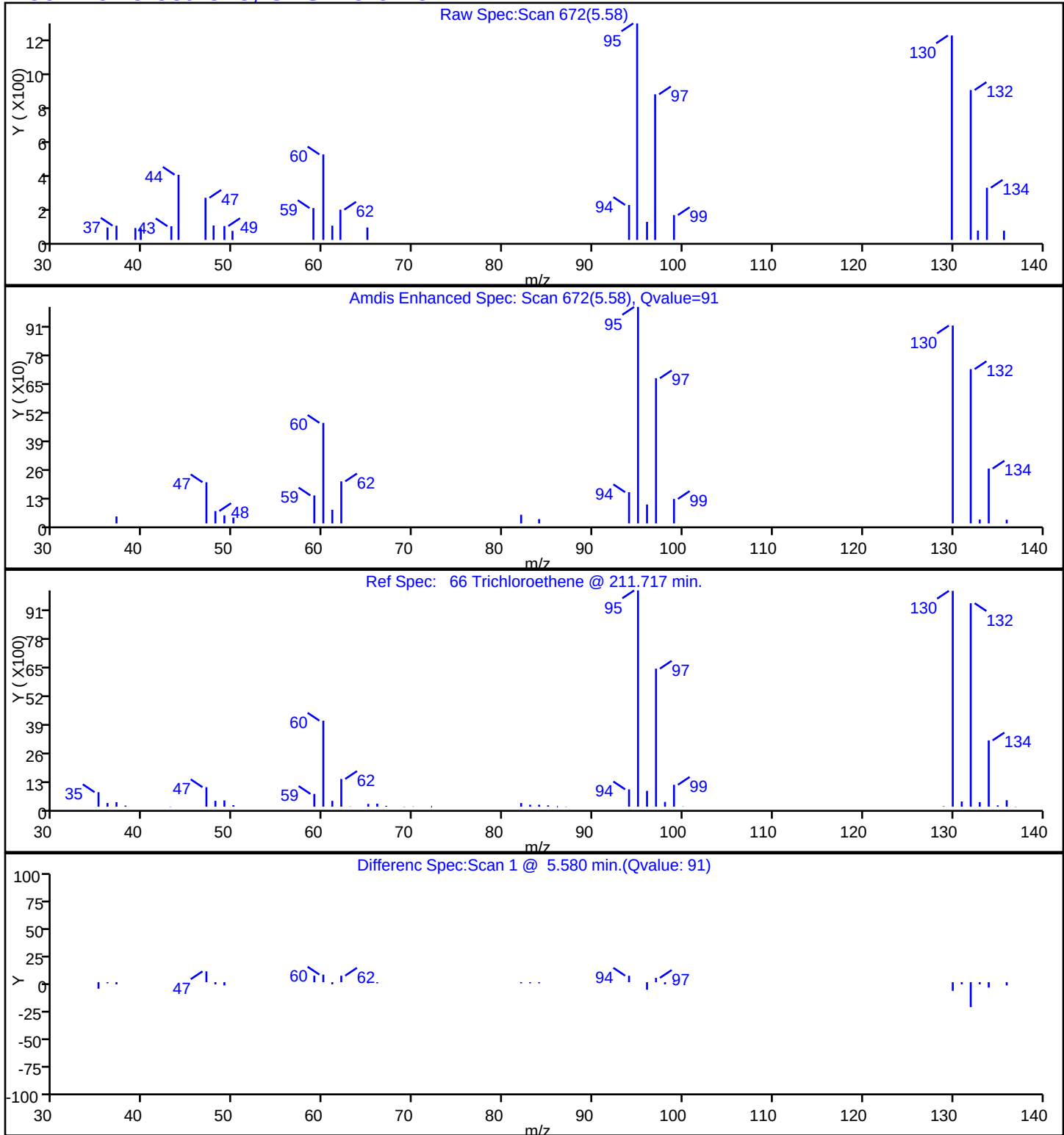
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19596.D

Injection Date: 26-Mar-2016 13:10:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-14

Lab Sample ID: 460-110867-14

Client ID: EW04A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 17

Purge Vol: 5.000 mL

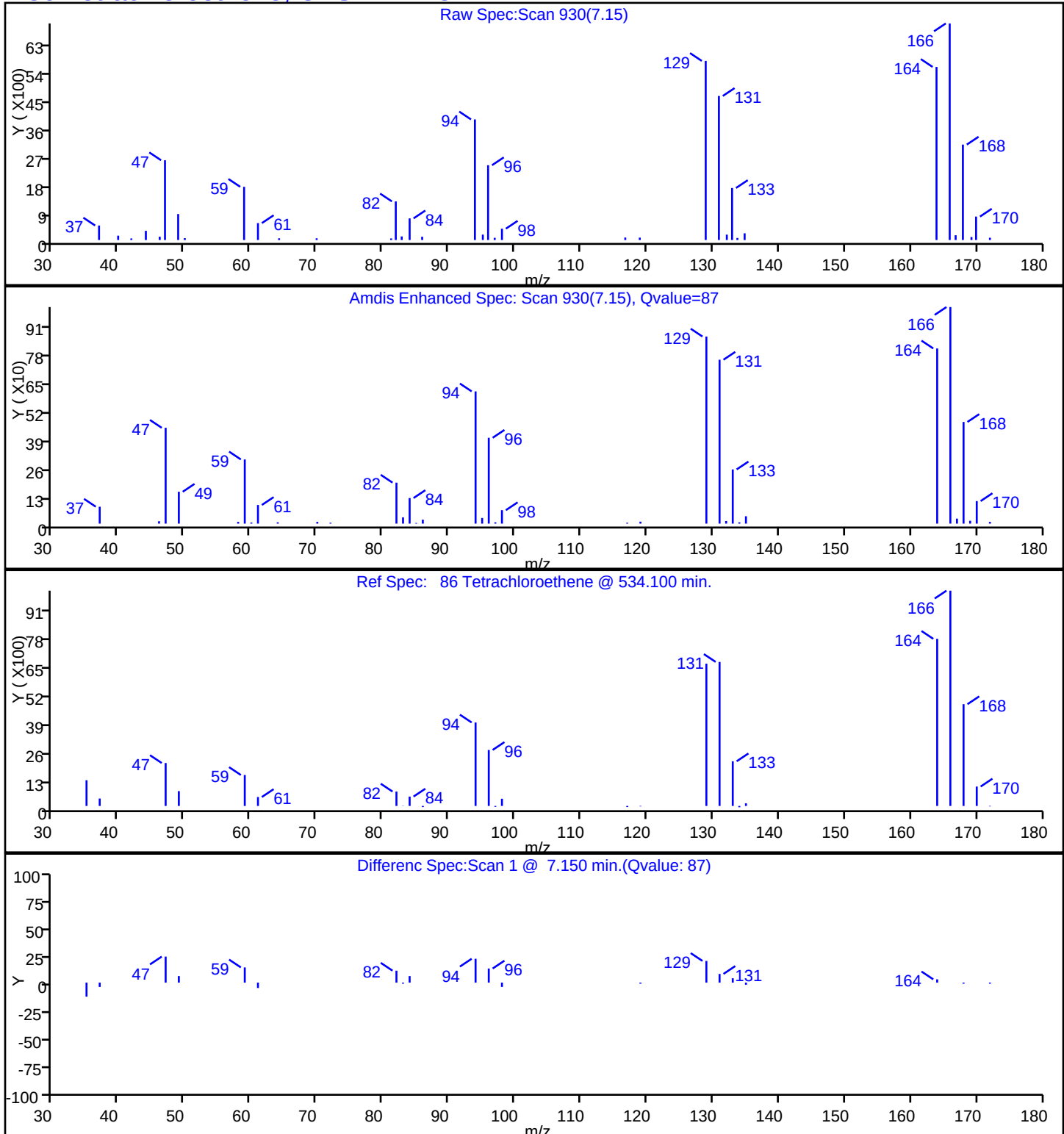
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: EW04B-CP-00-031716 Lab Sample ID: 460-110867-15

Matrix: Water Lab File ID: A19597.D

Analysis Method: 8260C Date Collected: 03/14/2016 12:41

Sample wt/vol: 5(mL) Date Analyzed: 03/26/2016 13:32

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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	11		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.16	J	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	0.52	J	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	2.6		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW04B-CP-00-031716 Lab Sample ID: 460-110867-15
 Matrix: Water Lab File ID: A19597.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:41
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 13:32
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.31	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	97		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D
 Lims ID: 460-110867-A-15 Lab Sample ID: 460-110867-15
 Client ID: EW04B-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 13:32:30 ALS Bottle#: 11 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-15
 Misc. Info.: 460-0039013-018
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:31:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
10 Trichlorofluoromethane	101	2.535	2.529	0.006	1	555	0.1589	
19 Acetone	43	3.090	3.084	0.006	81	11736	11.1	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	241467	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	311563	250.0	
50 Cyclohexane	56	4.797	4.809	-0.012	31	1180	0.3101	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	97154	51.1	
52 1,1,1-Trichloroethane	97	4.815	4.821	-0.006	35	1481	0.5228	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	150822	52.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	369411	50.0	
66 Trichloroethene	95	5.571	5.571	0.000	89	5267	2.64	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	16949	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	97	348808	49.6	
86 Tetrachloroethene	166	7.144	7.144	0.000	89	1463	1.02	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	239945	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	79750	48.4	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	123363	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Worklist Smp#: 18

Client ID: EW04B-CP-00-031716

Purge Vol: 5.000 mL

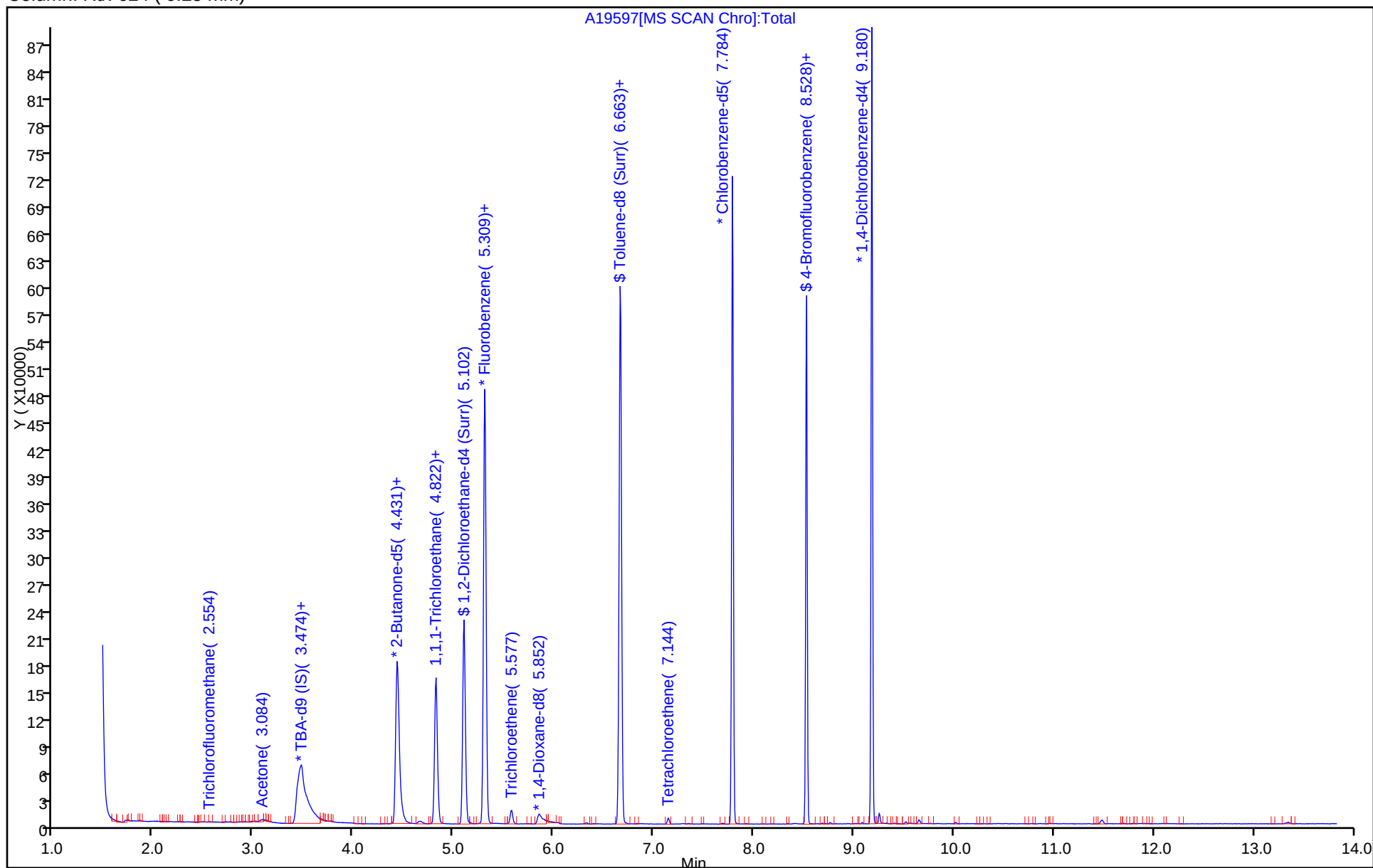
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11 Worklist Smp#: 18

Purge Vol: 5.000 mL

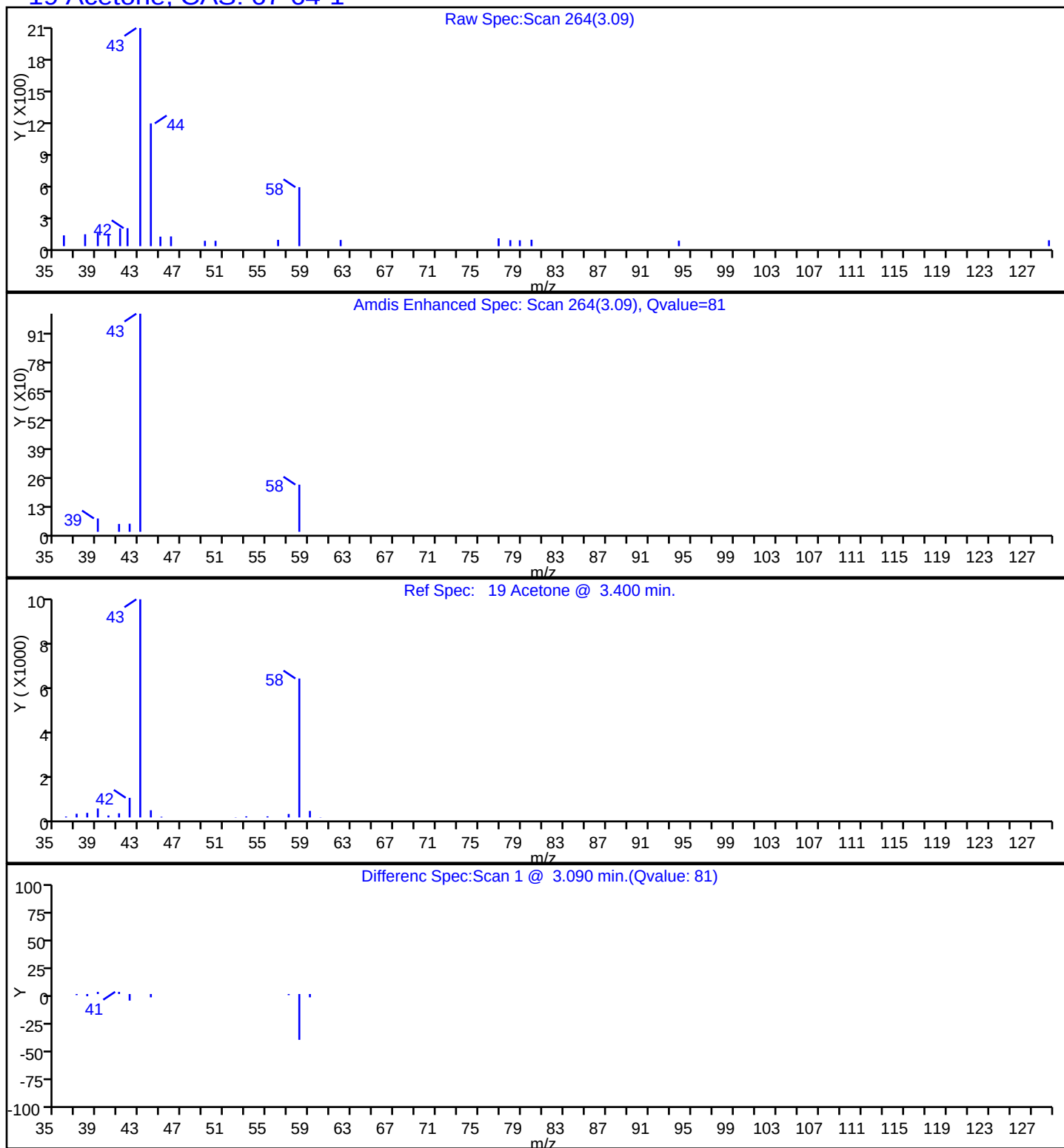
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11 Worklist Smp#: 18

Purge Vol: 5.000 mL

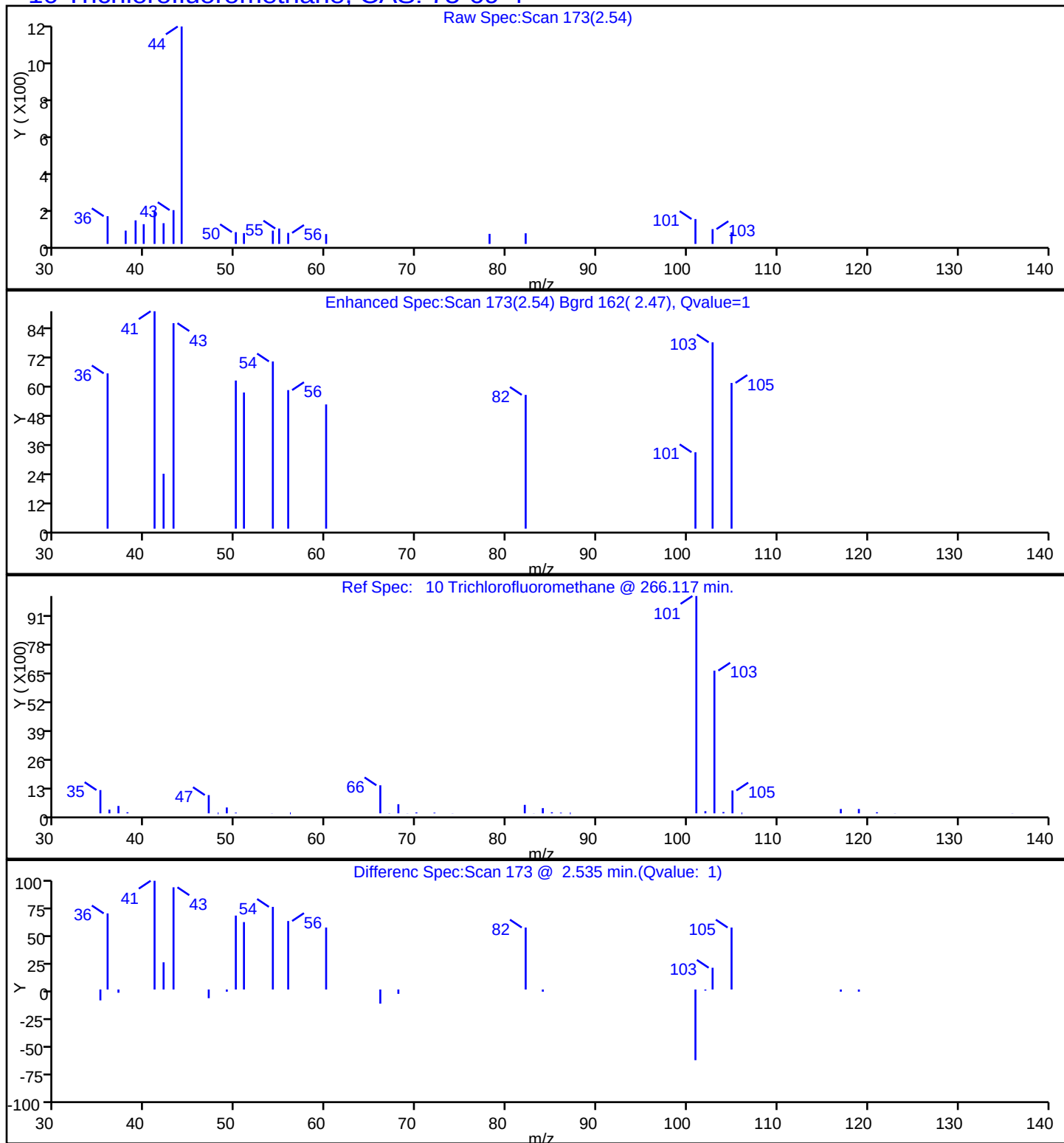
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Trichlorofluoromethane, CAS: 75-69-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11

Worklist Smp#: 18

Purge Vol: 5.000 mL

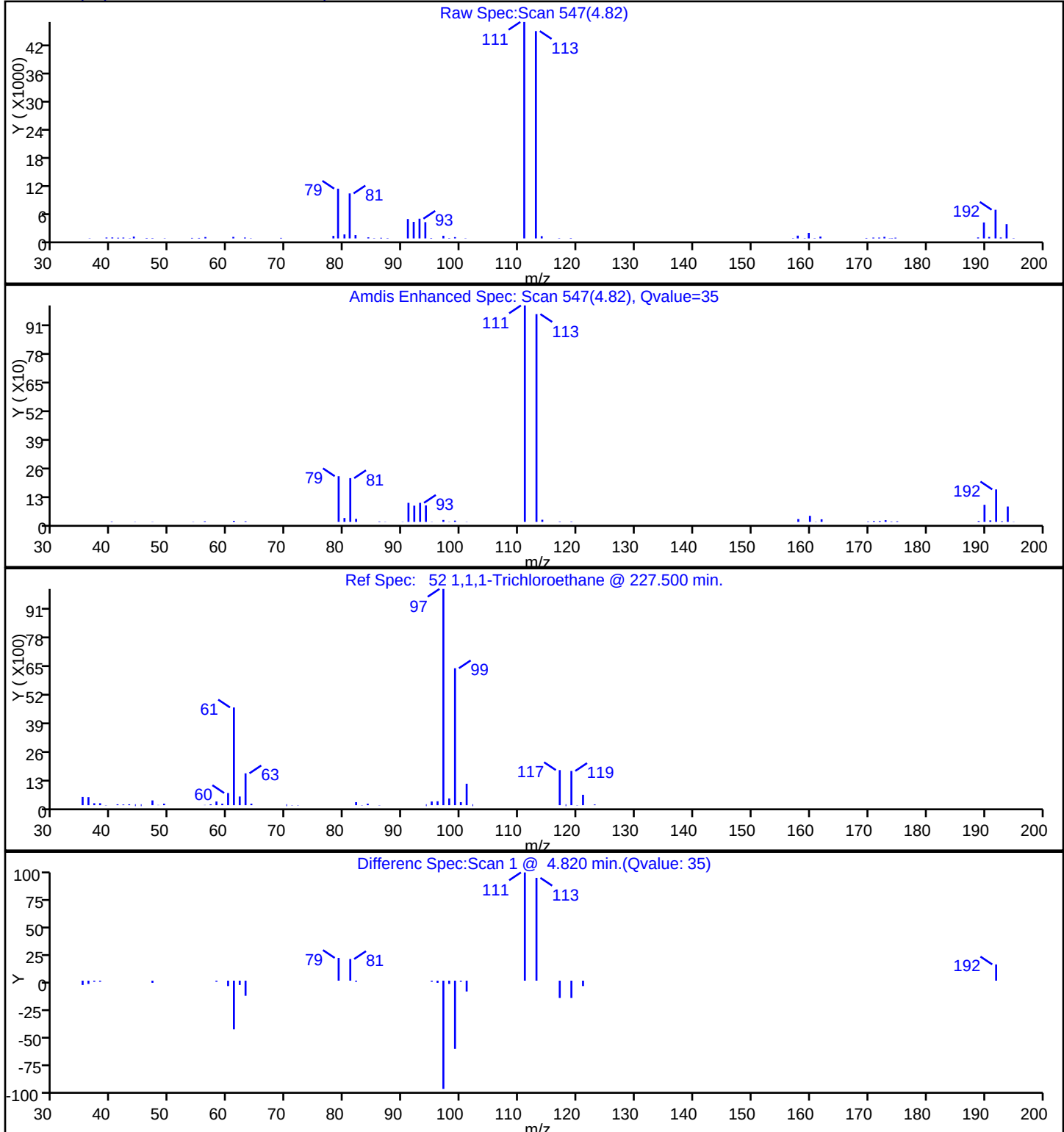
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11 Worklist Smp#: 18

Purge Vol: 5.000 mL

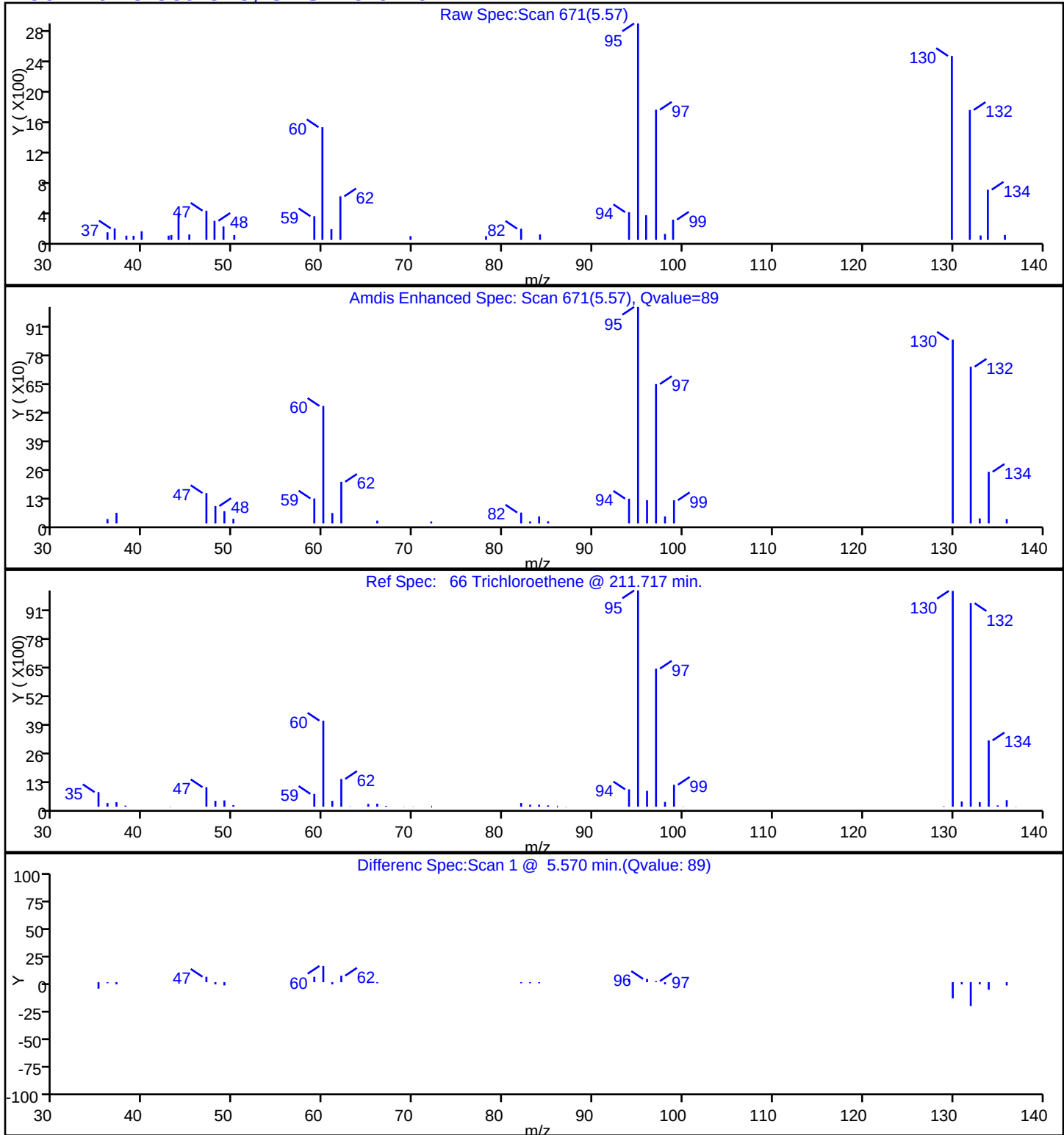
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11 Worklist Smp#: 18

Purge Vol: 5.000 mL

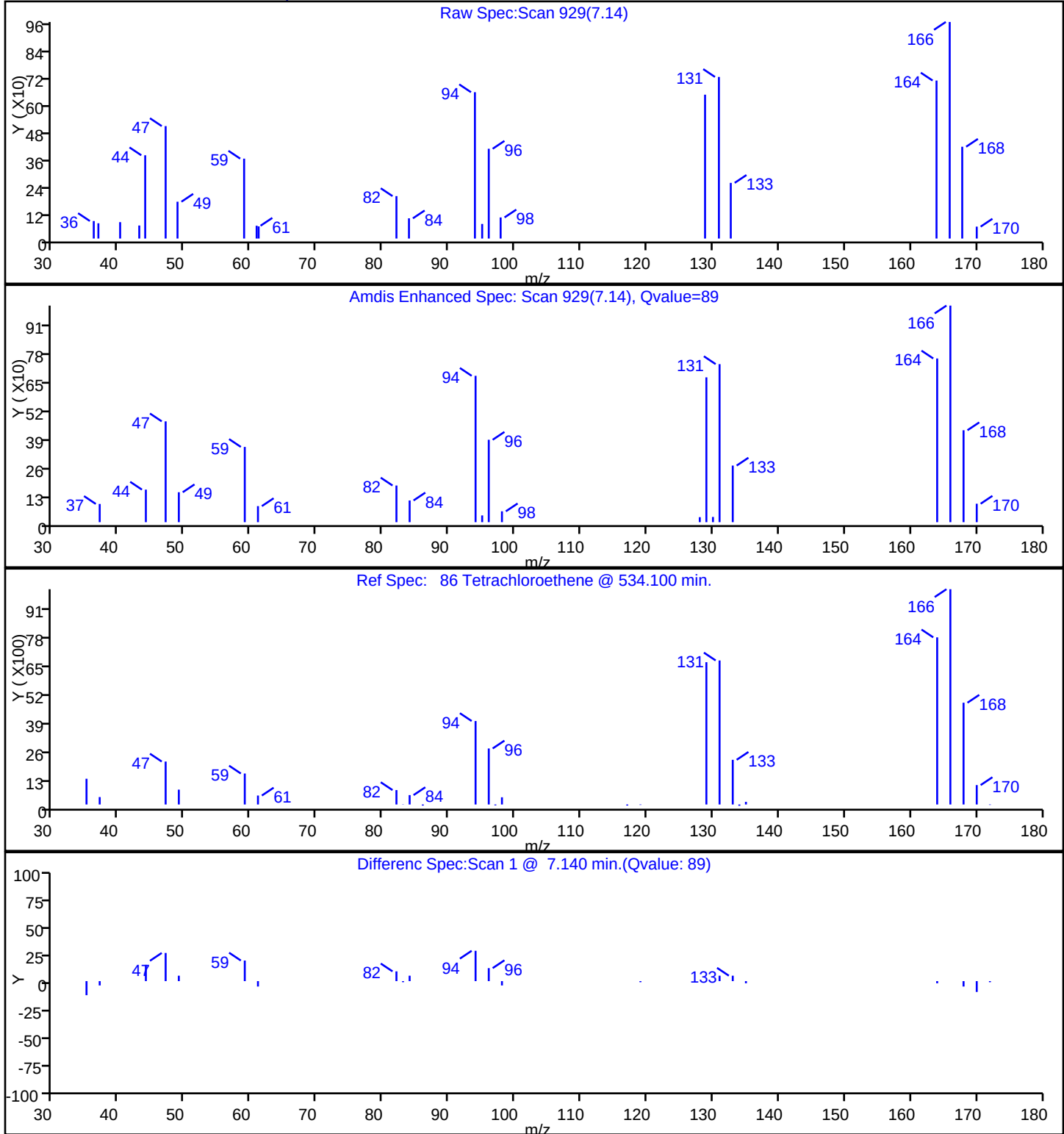
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19597.D

Injection Date: 26-Mar-2016 13:32:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-15

Lab Sample ID: 460-110867-15

Client ID: EW04B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 11 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

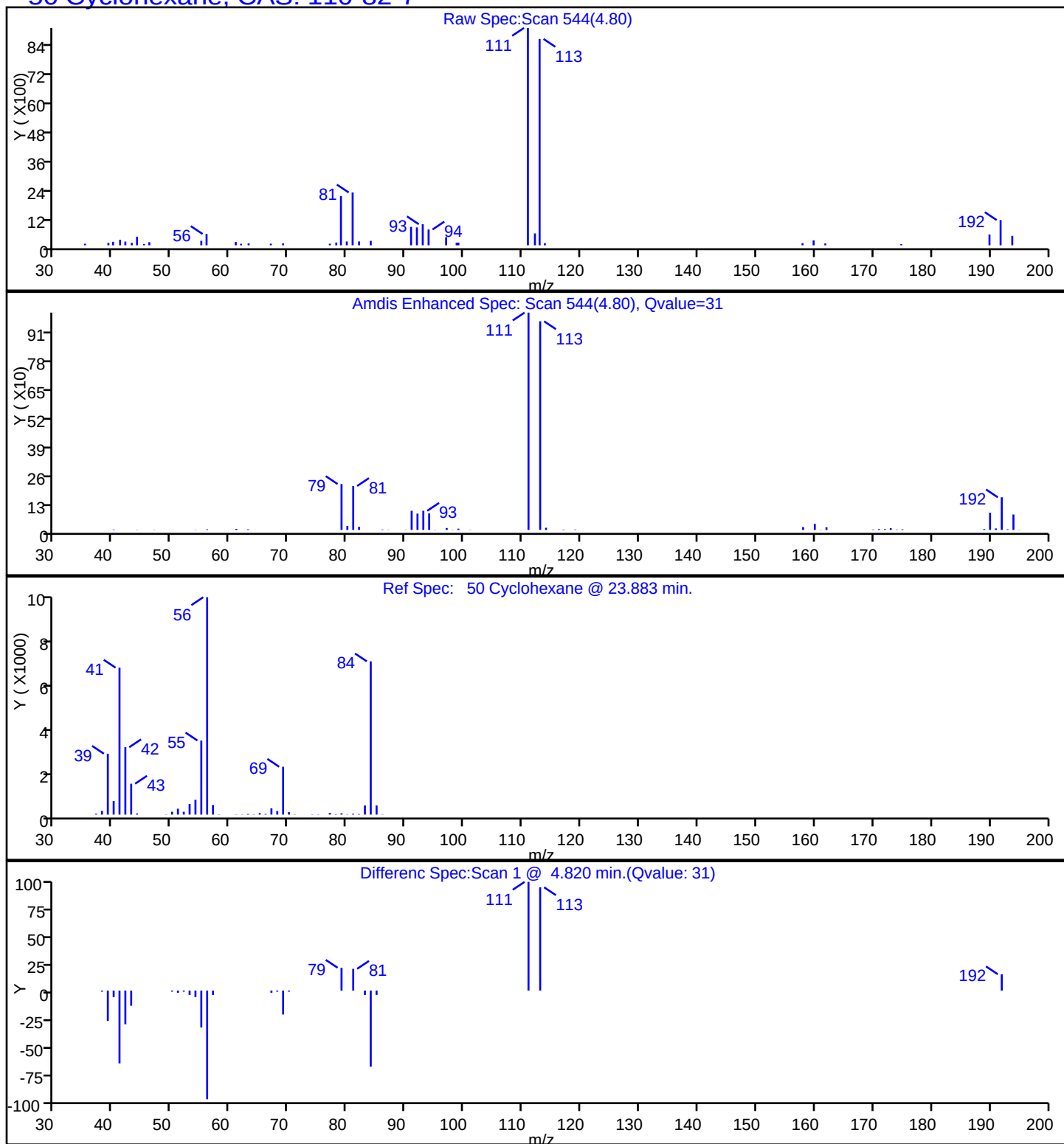
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: EW04C-CP-00-031716 Lab Sample ID: 460-110867-16

Matrix: Water Lab File ID: A19598.D

Analysis Method: 8260C Date Collected: 03/14/2016 12:36

Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 13:54

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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	30		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.8		1.0	0.34
75-34-3	1,1-Dichloroethane	3.4		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	2.1		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.2		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	3.5		1.0	0.28
56-23-5	Carbon tetrachloride	0.34	J	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	23		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	0.19	J	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	13		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW04C-CP-00-031716 Lab Sample ID: 460-110867-16
 Matrix: Water Lab File ID: A19598.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:36
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 13:54
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.44	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-137
2037-26-5	Toluene-d8 (Surr)	102		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	104		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D
 Lims ID: 460-110867-A-16 Lab Sample ID: 460-110867-16
 Client ID: EW04C-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 13:54:30 ALS Bottle#: 12 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-16
 Misc. Info.: 460-0039013-019
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:32:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 1,1-Dichloroethene	96	2.999	2.992	0.007	92	3782	1.80	
19 Acetone	43	3.096	3.084	0.012	87	30395	29.5	
* 28 TBA-d9 (IS)	65	3.480	3.468	0.012	0	218667	1000.0	
31 trans-1,2-Dichloroethene	96	3.639	3.626	0.013	96	4734	2.10	
35 1,1-Dichloroethane	63	4.011	4.004	0.007	99	17028	3.43	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	303241	250.0	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	93	2702	1.16	
50 Cyclohexane	56	4.815	4.809	0.006	31	1693	0.4362	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	100498	51.8	
52 1,1,1-Trichloroethane	97	4.815	4.821	-0.006	39	10088	3.49	
54 Carbon tetrachloride	117	4.821	4.913	-0.092	24	823	0.3368	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	153276	52.0	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	376803	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	91	47020	23.1	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	13853	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	359837	50.8	
86 Tetrachloroethene	166	7.144	7.144	0.000	89	18286	12.7	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	94	241343	50.0	
101 Bromoform	173	8.339	8.345	-0.006	19	170	0.1855	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	82569	49.8	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	125313	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Worklist Smp#: 19

Client ID: EW04C-CP-00-031716

Purge Vol: 5.000 mL

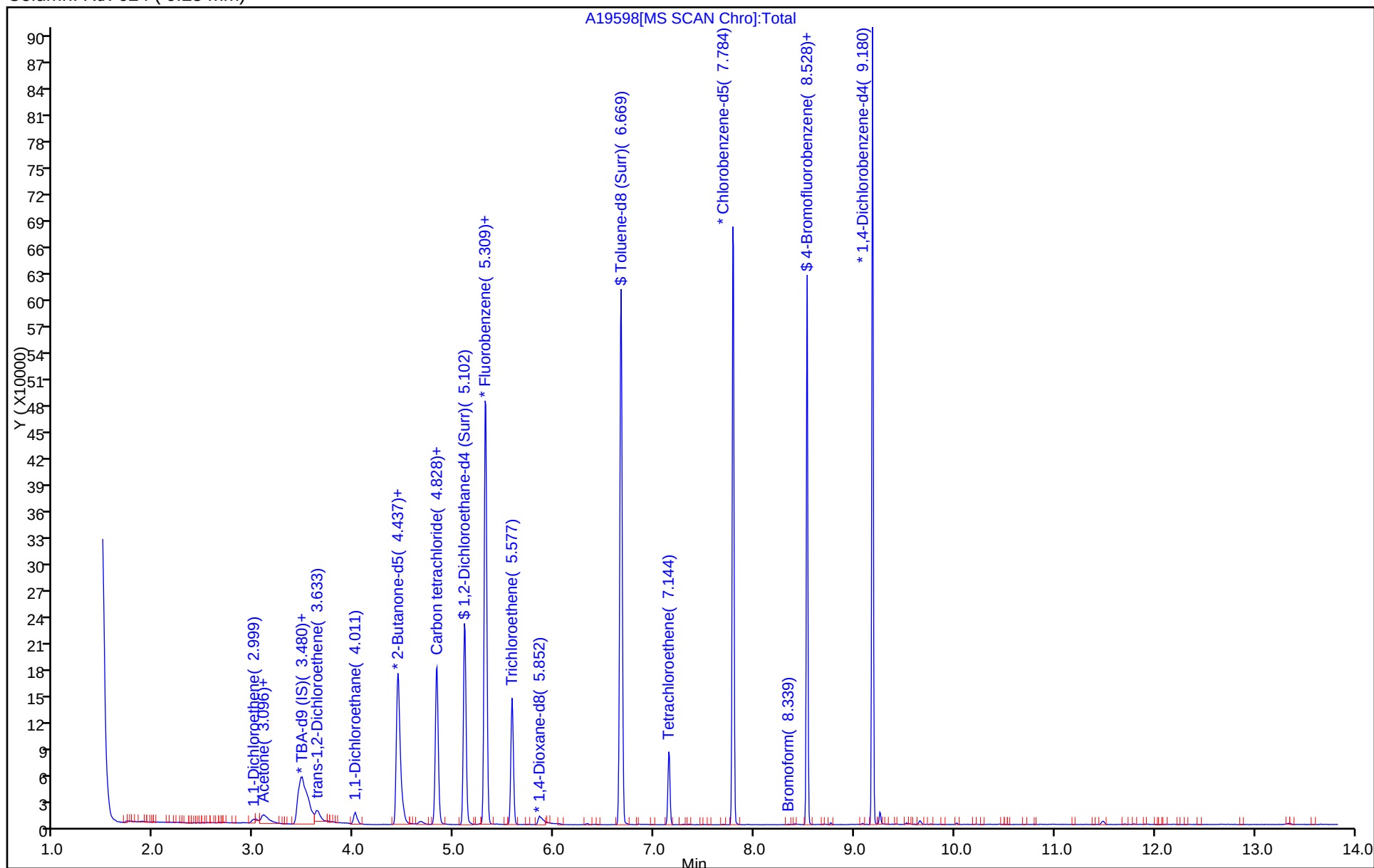
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 19

Purge Vol: 5.000 mL

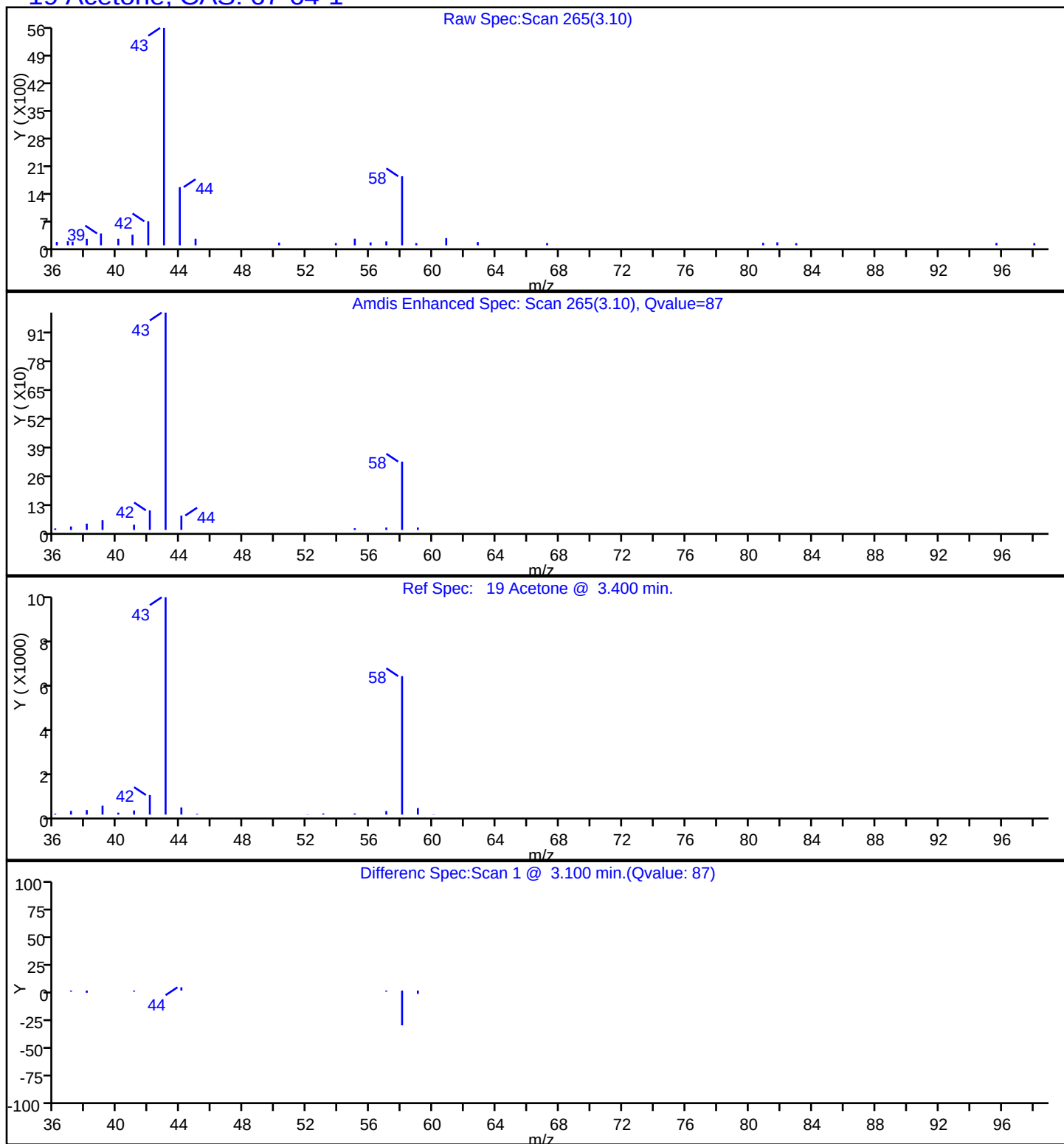
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

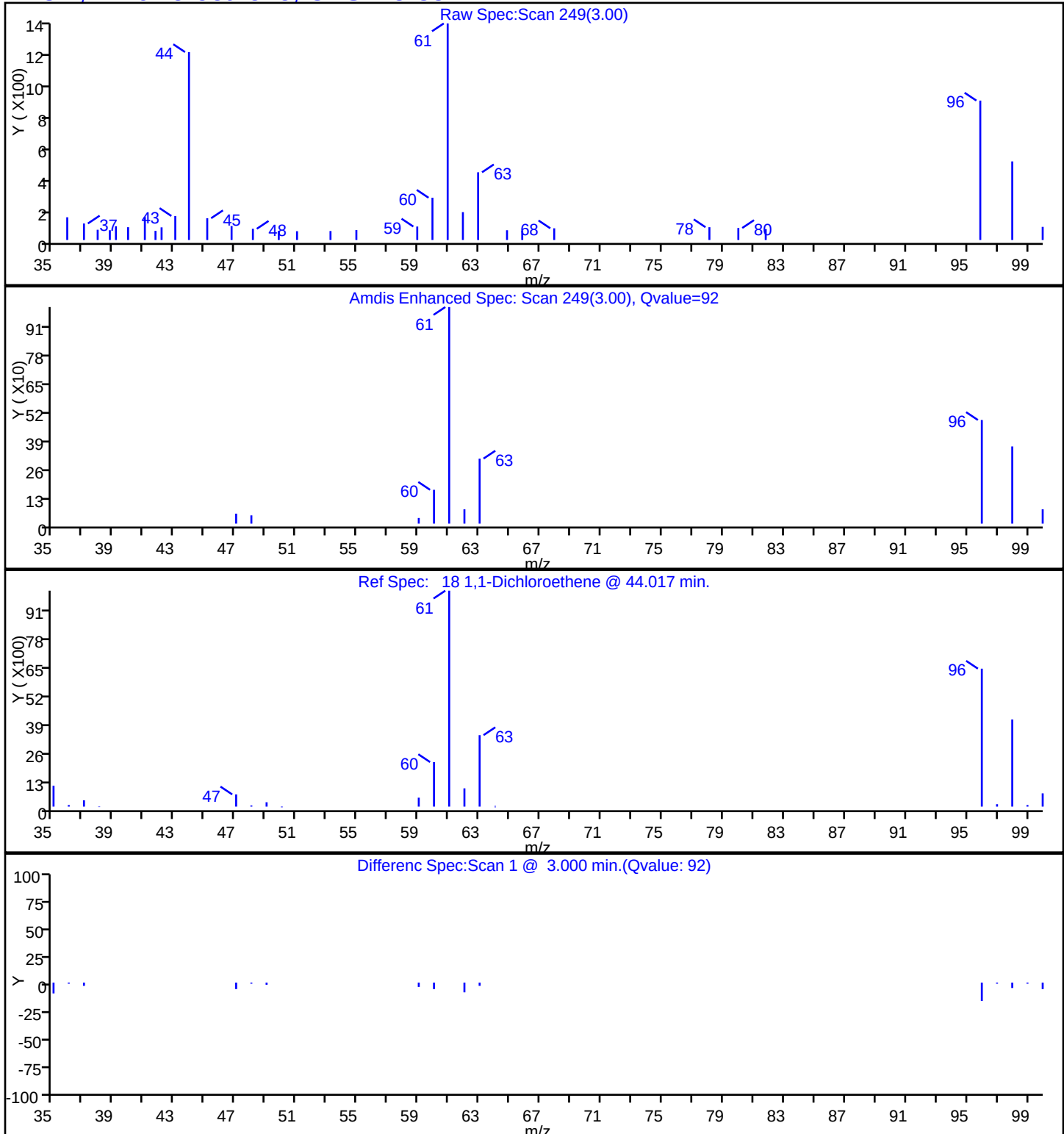
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 19

Purge Vol: 5.000 mL

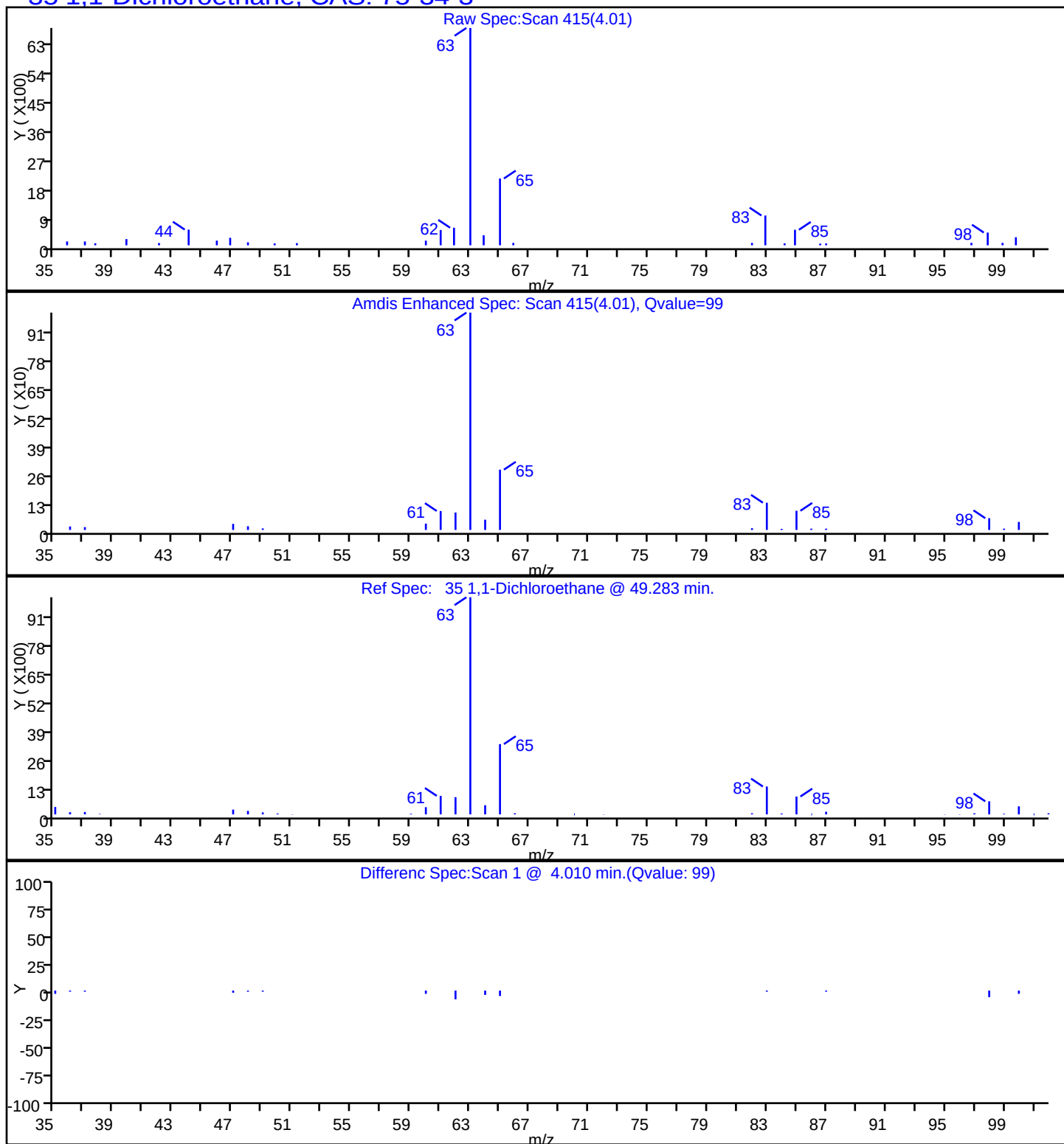
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

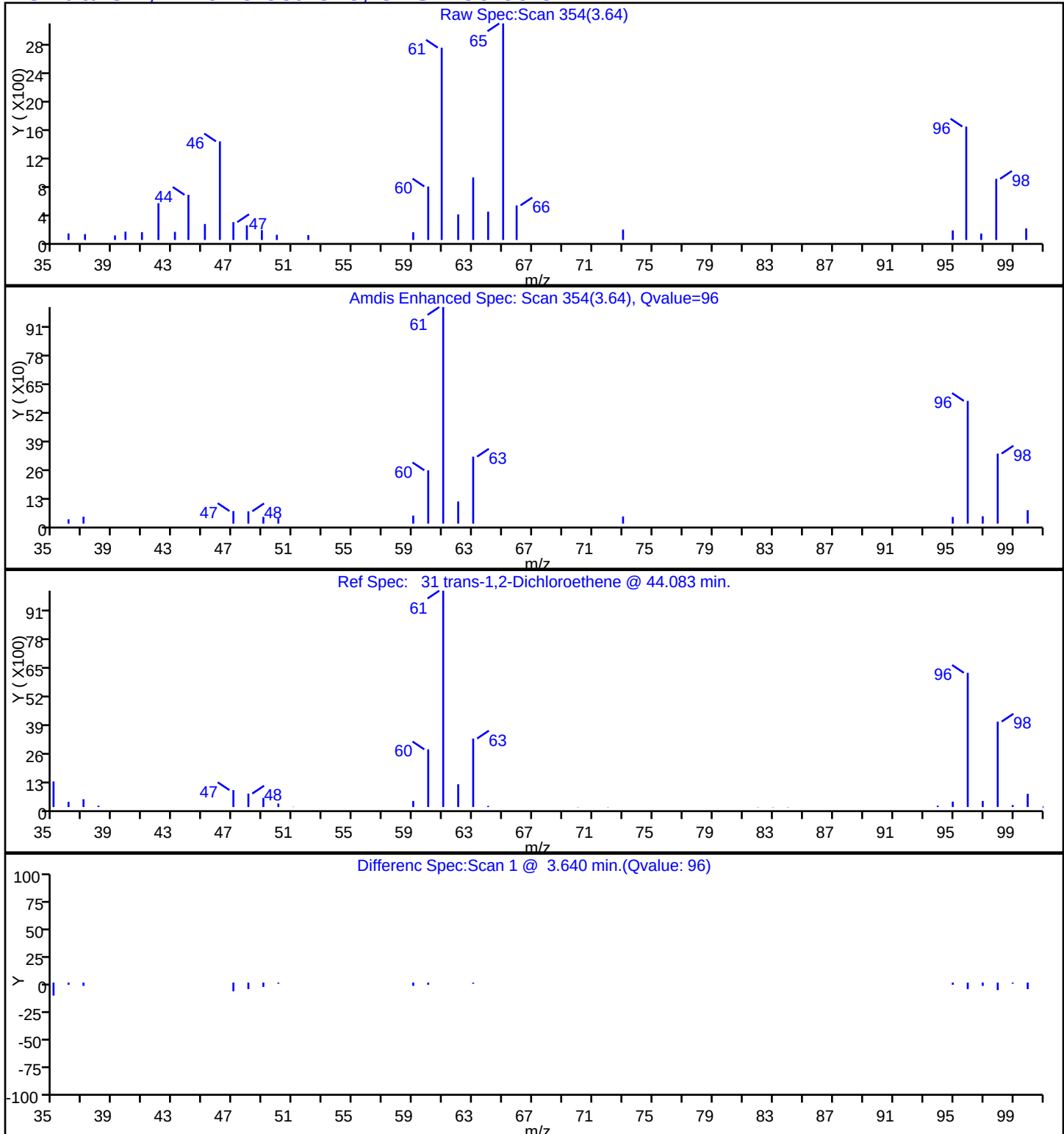
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

31 trans-1,2-Dichloroethene, CAS: 156-60-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

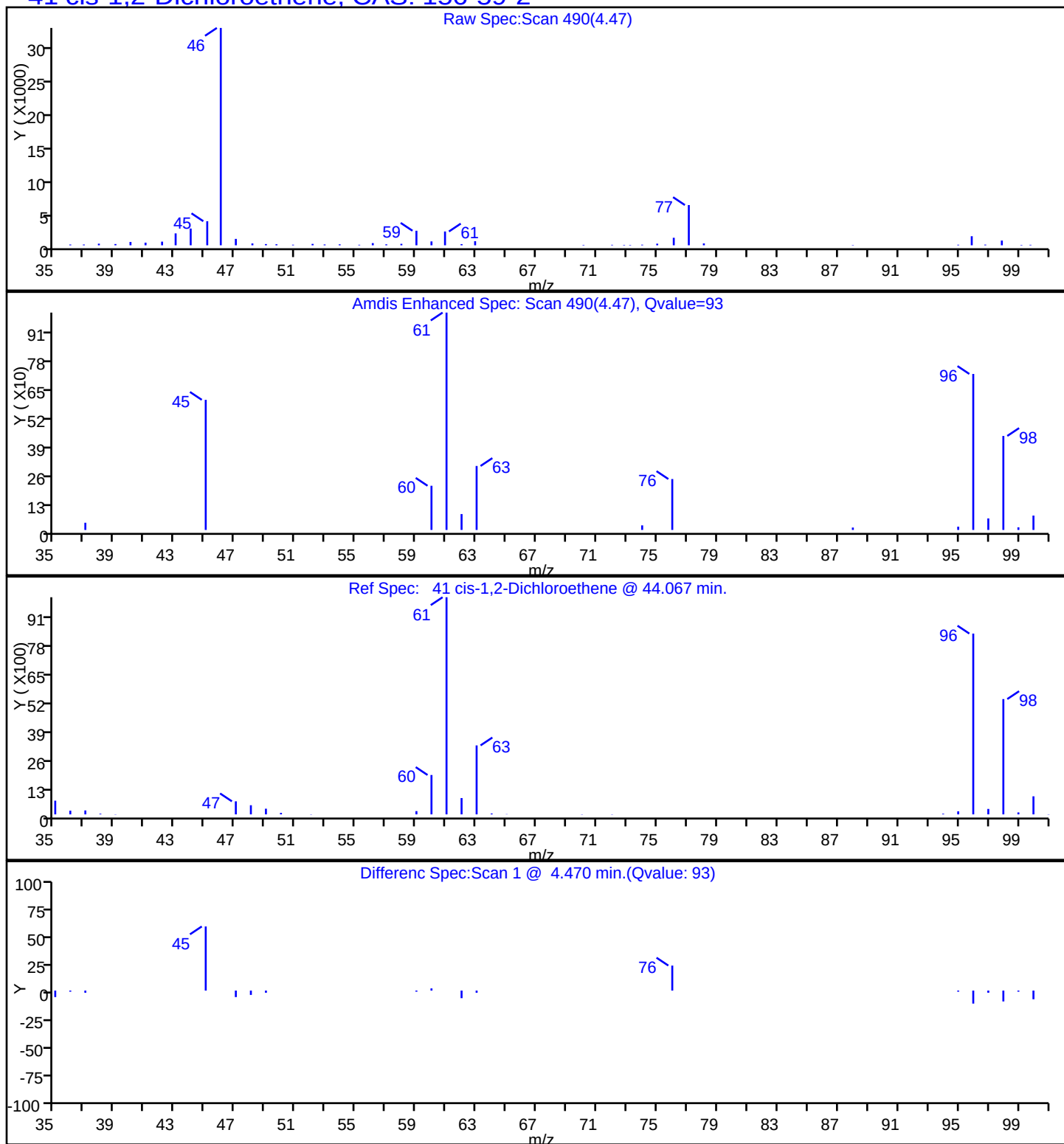
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

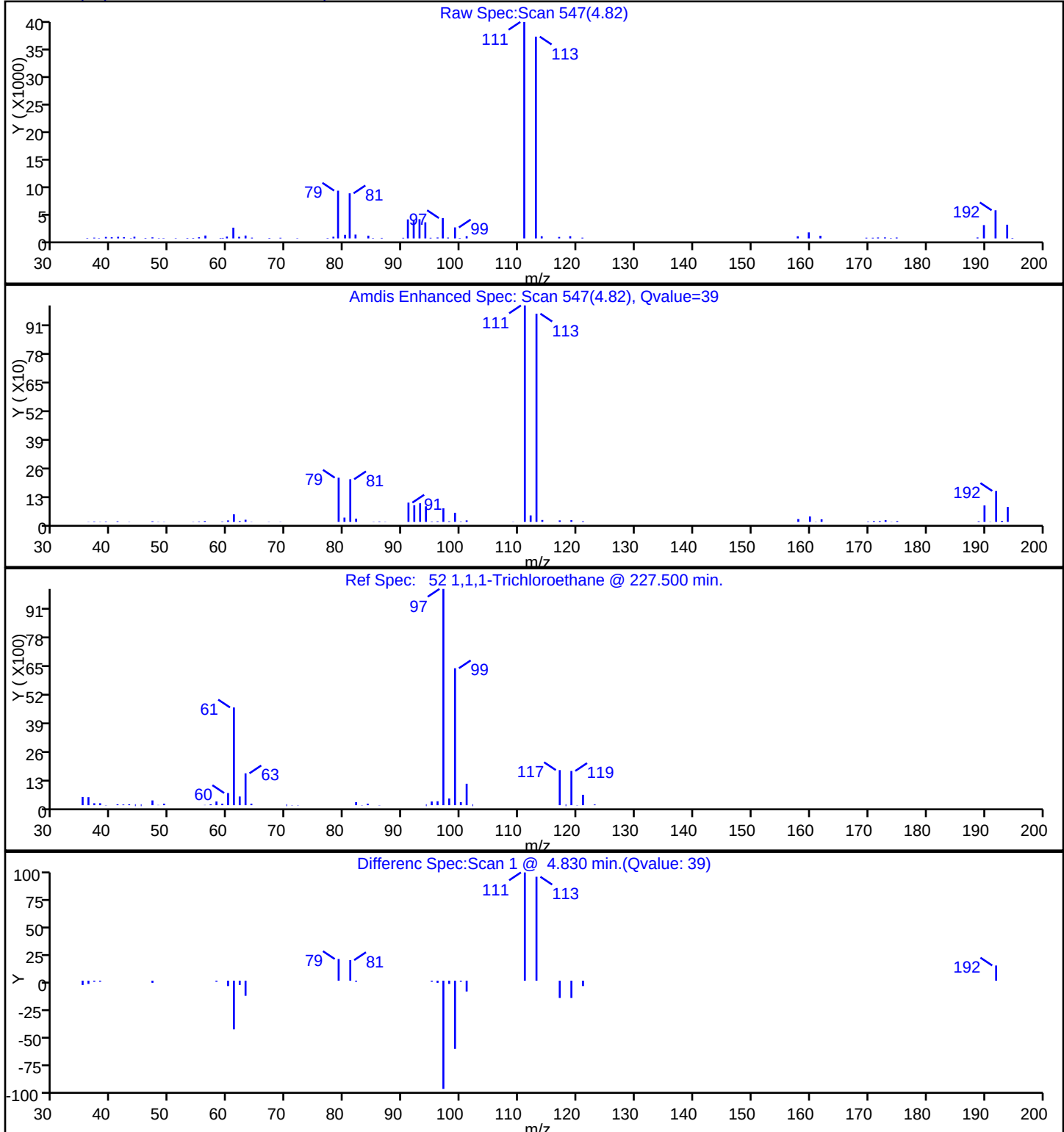
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

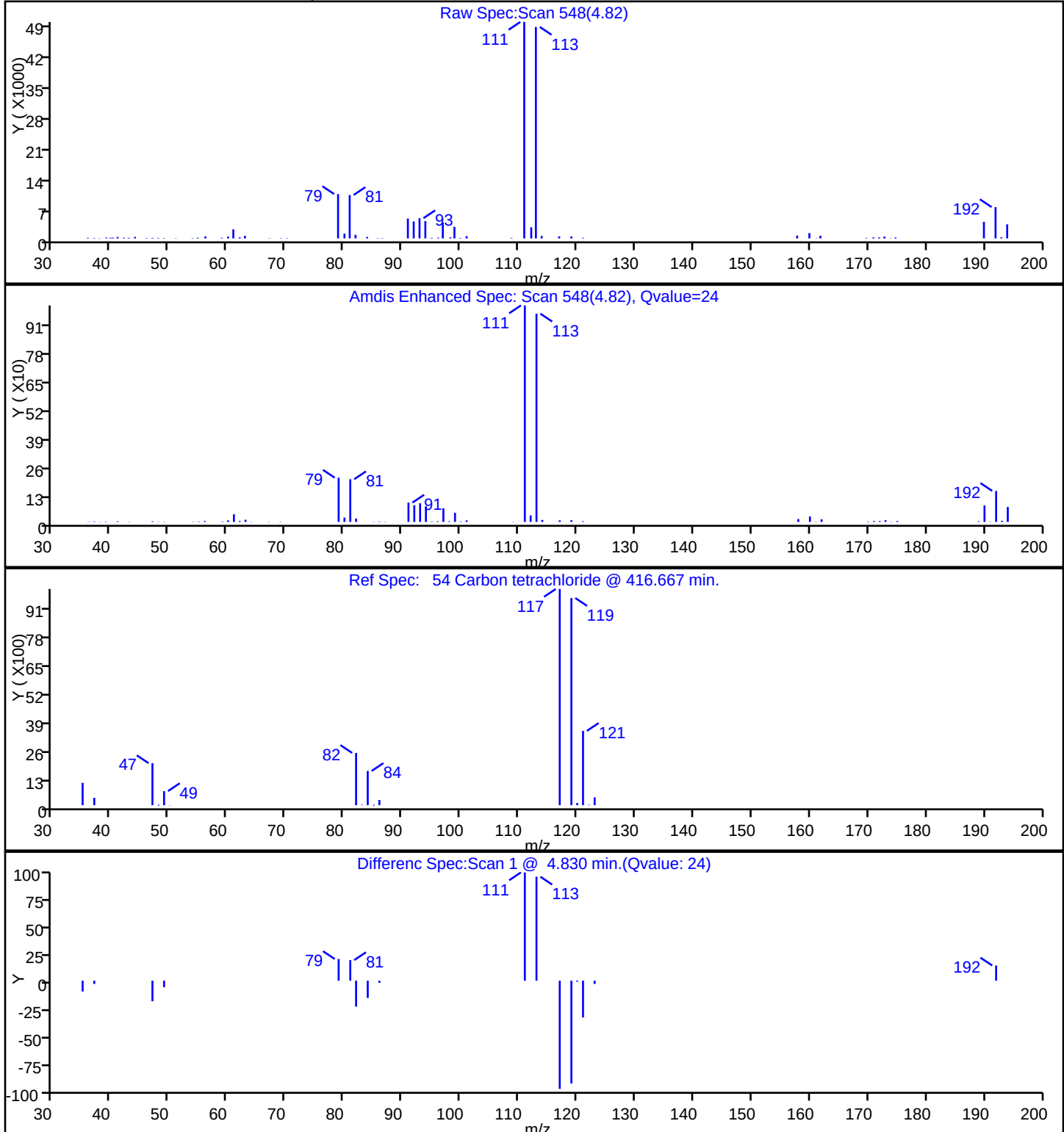
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Carbon tetrachloride, CAS: 56-23-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 19

Purge Vol: 5.000 mL

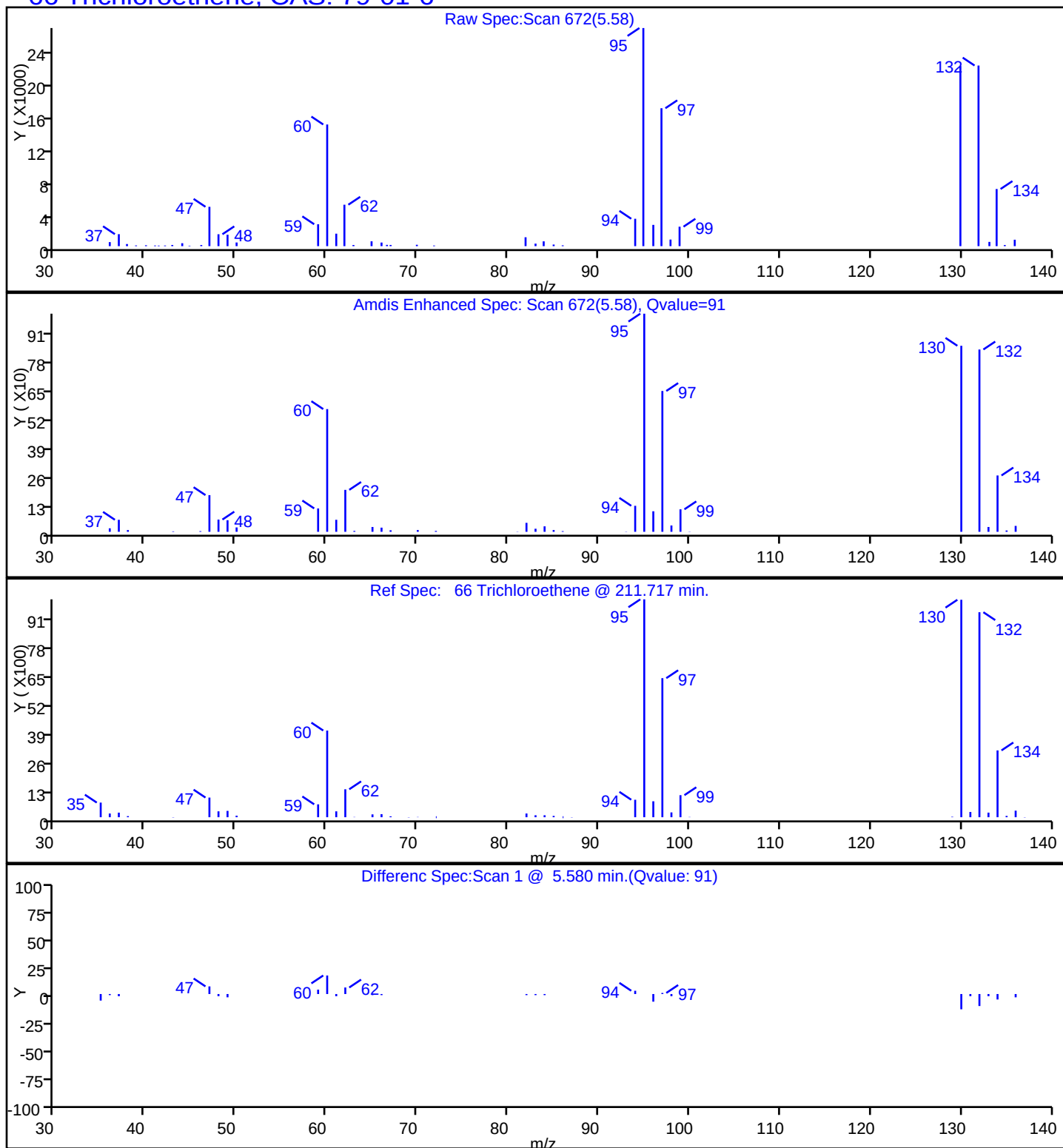
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

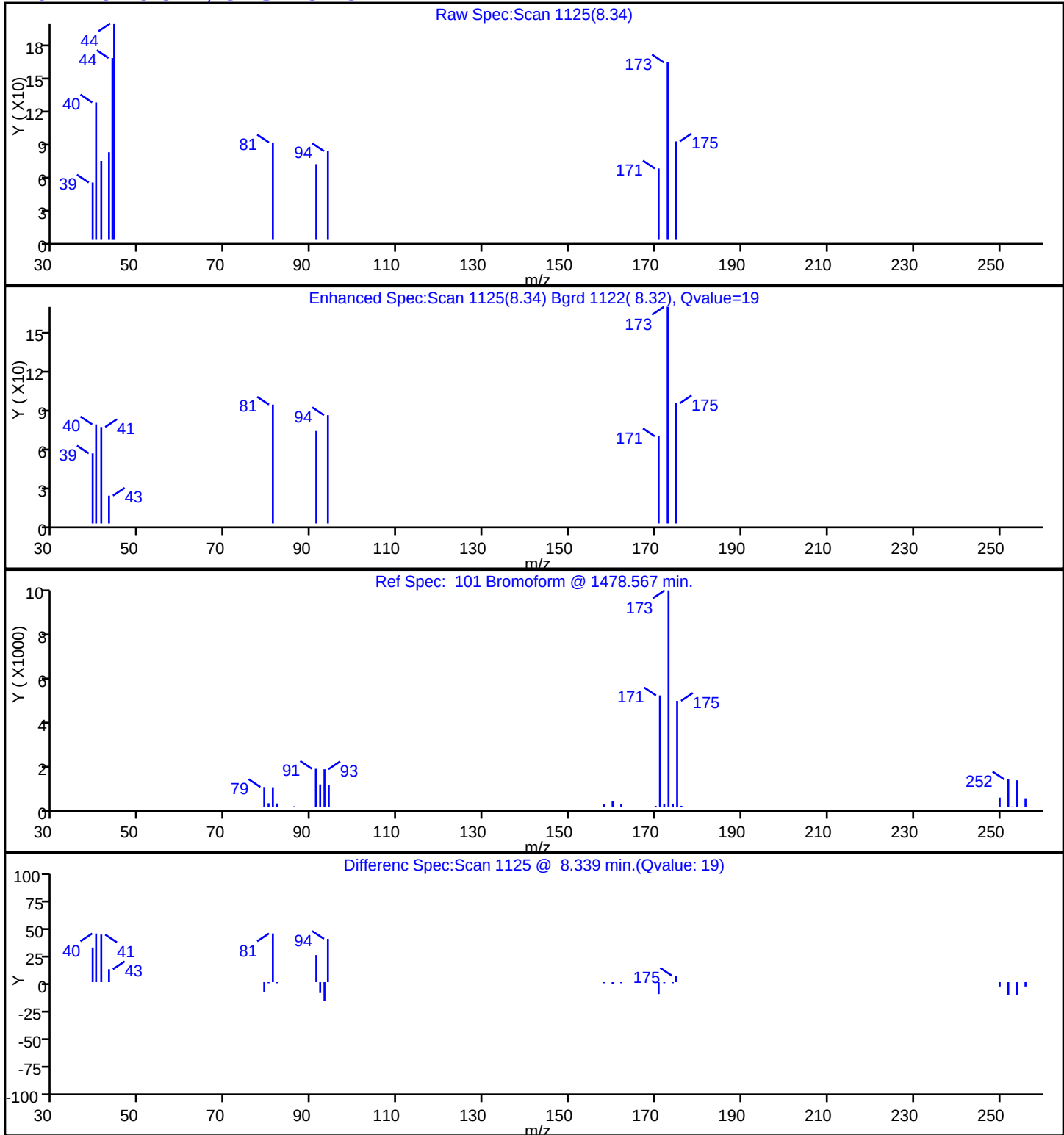
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

101 Bromoform, CAS: 75-25-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

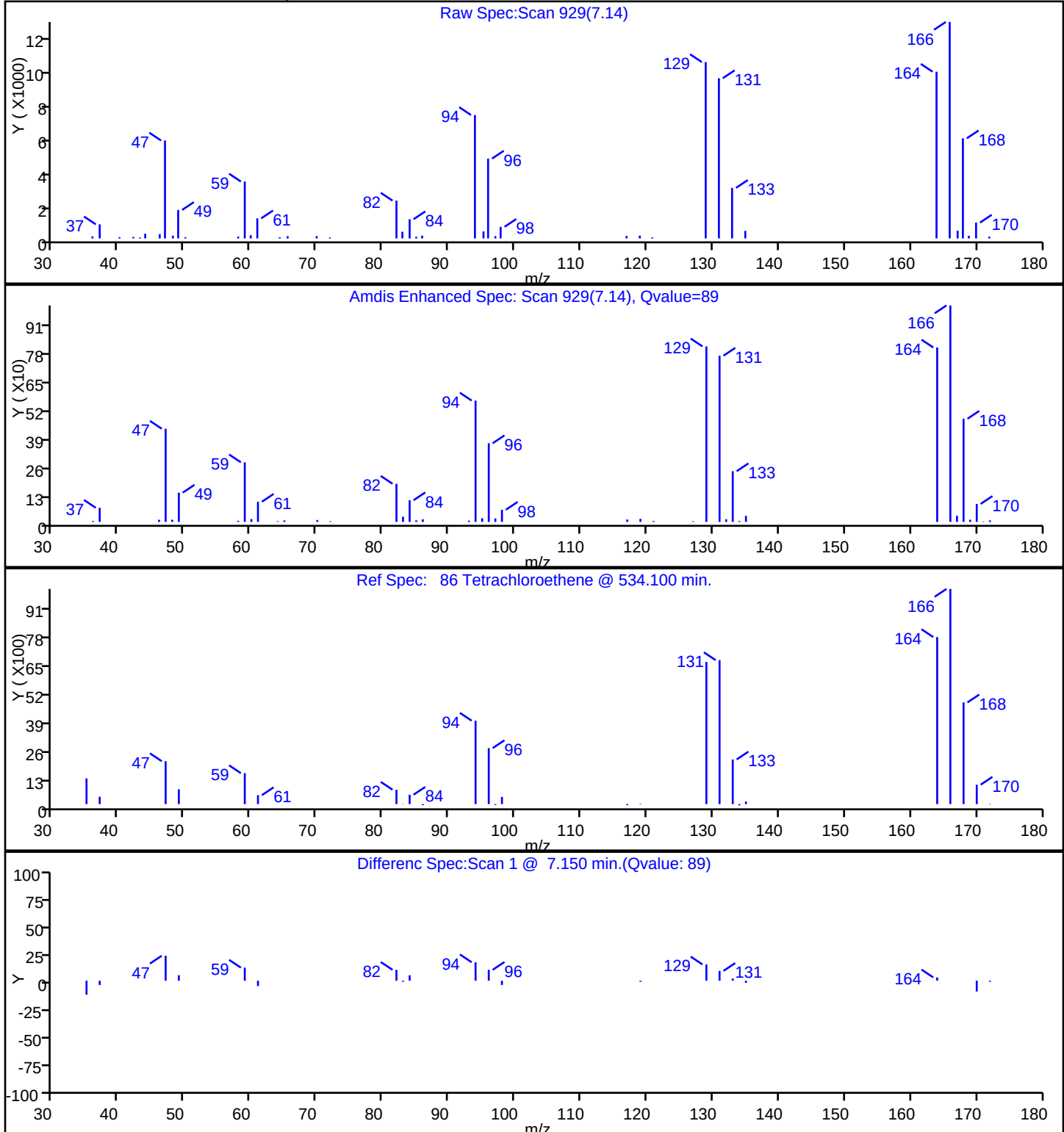
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19598.D

Injection Date: 26-Mar-2016 13:54:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-16

Lab Sample ID: 460-110867-16

Client ID: EW04C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 19

Purge Vol: 5.000 mL

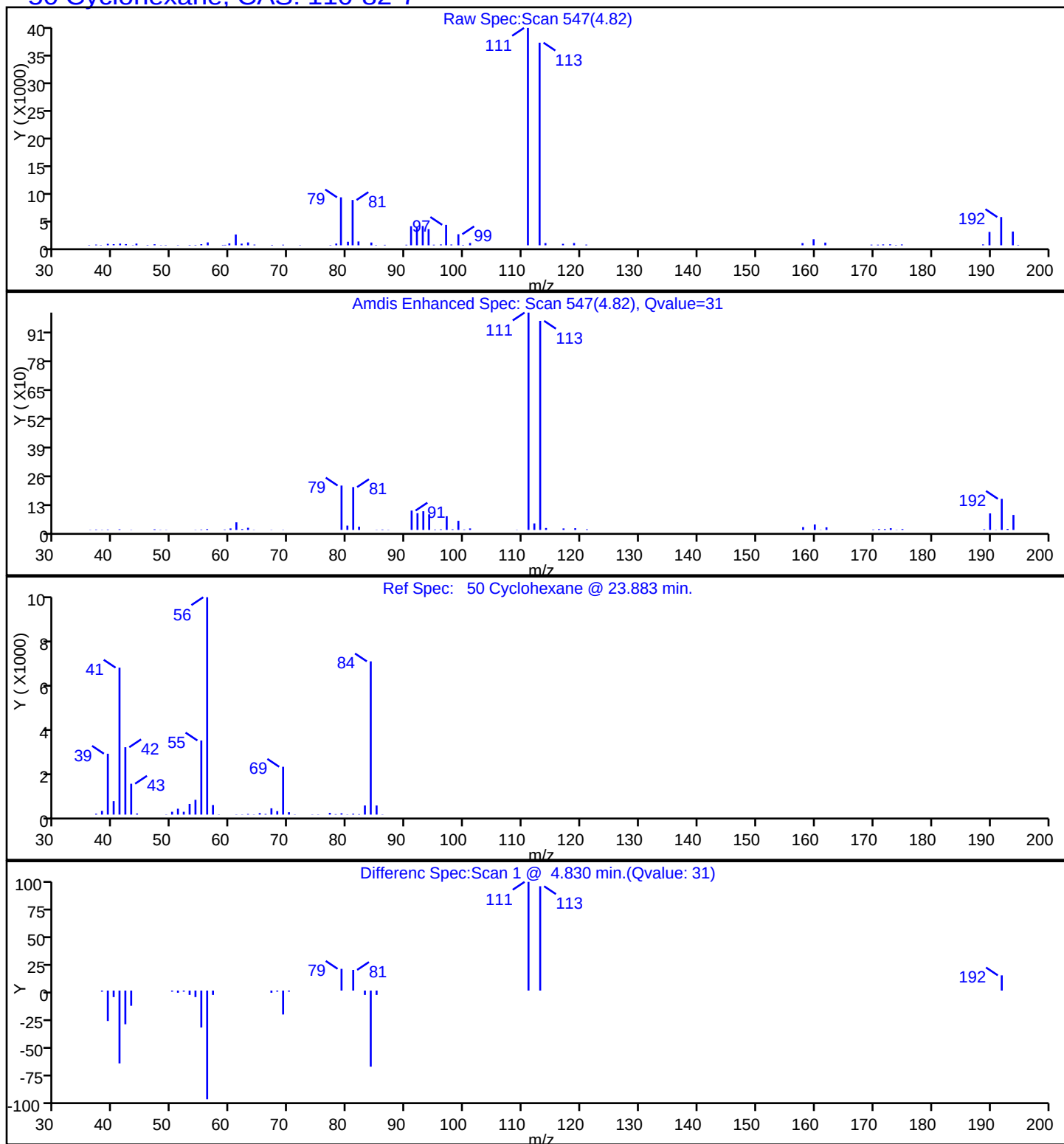
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW04D-CP-00-031716</u>	Lab Sample ID: <u>460-110867-17</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19599.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 12:28</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/26/2016 14:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	30		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	11		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	10		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW04D-CP-00-031716 Lab Sample ID: 460-110867-17
 Matrix: Water Lab File ID: A19599.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:28
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 14:16
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	98		70-131
1868-53-7	Dibromofluoromethane (Surr)	103		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19599.D
 Lims ID: 460-110867-A-17 Lab Sample ID: 460-110867-17
 Client ID: EW04D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 14:16:30 ALS Bottle#: 13 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-17
 Misc. Info.: 460-0039013-020
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:34:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.096	3.084	0.012	86	32568	30.4	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	220091	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	314905	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	101804	51.4	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	158367	52.6	
* 64 Fluorobenzene	96	5.315	5.309	0.006	96	384828	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	91	22809	11.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14117	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	364321	49.3	
86 Tetrachloroethene	166	7.144	7.144	0.000	86	15058	9.99	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	252185	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	85271	49.2	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	127749	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19599.D

Injection Date: 26-Mar-2016 14:16:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-17

Lab Sample ID: 460-110867-17

Worklist Smp#: 20

Client ID: EW04D-CP-00-031716

Purge Vol: 5.000 mL

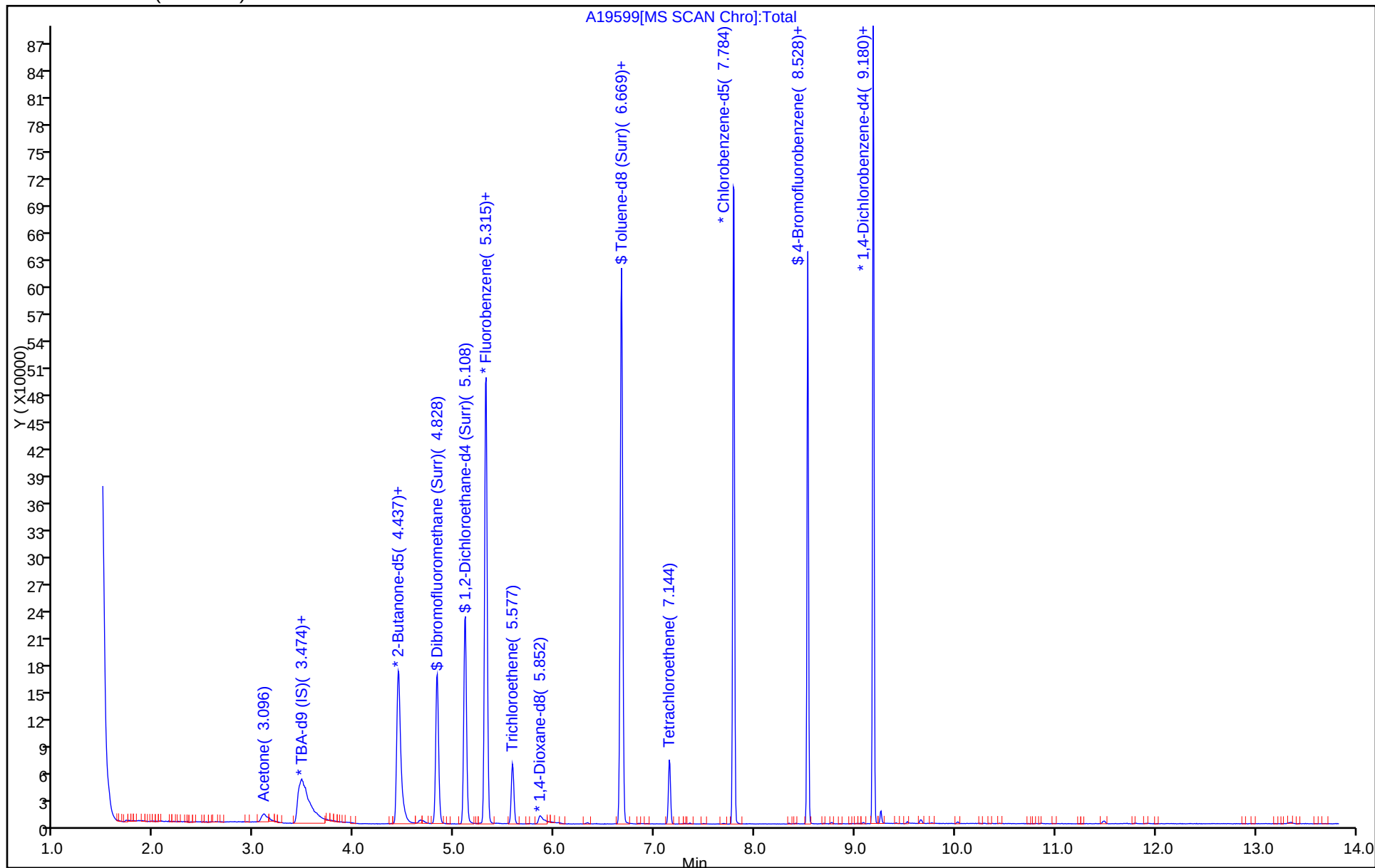
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19599.D

Injection Date: 26-Mar-2016 14:16:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-17

Lab Sample ID: 460-110867-17

Client ID: EW04D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 20

Purge Vol: 5.000 mL

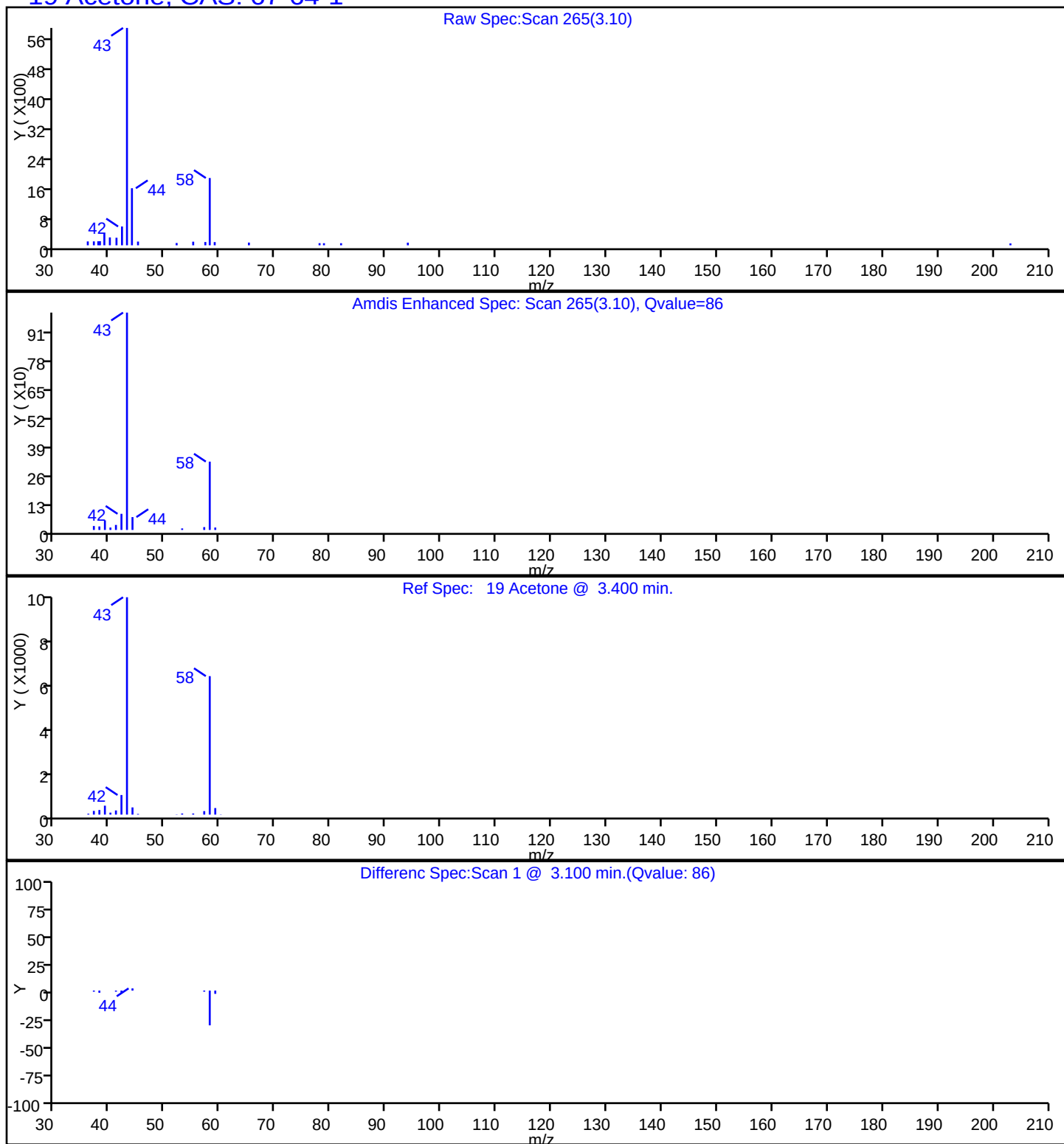
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19599.D

Injection Date: 26-Mar-2016 14:16:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-17

Lab Sample ID: 460-110867-17

Client ID: EW04D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 20

Purge Vol: 5.000 mL

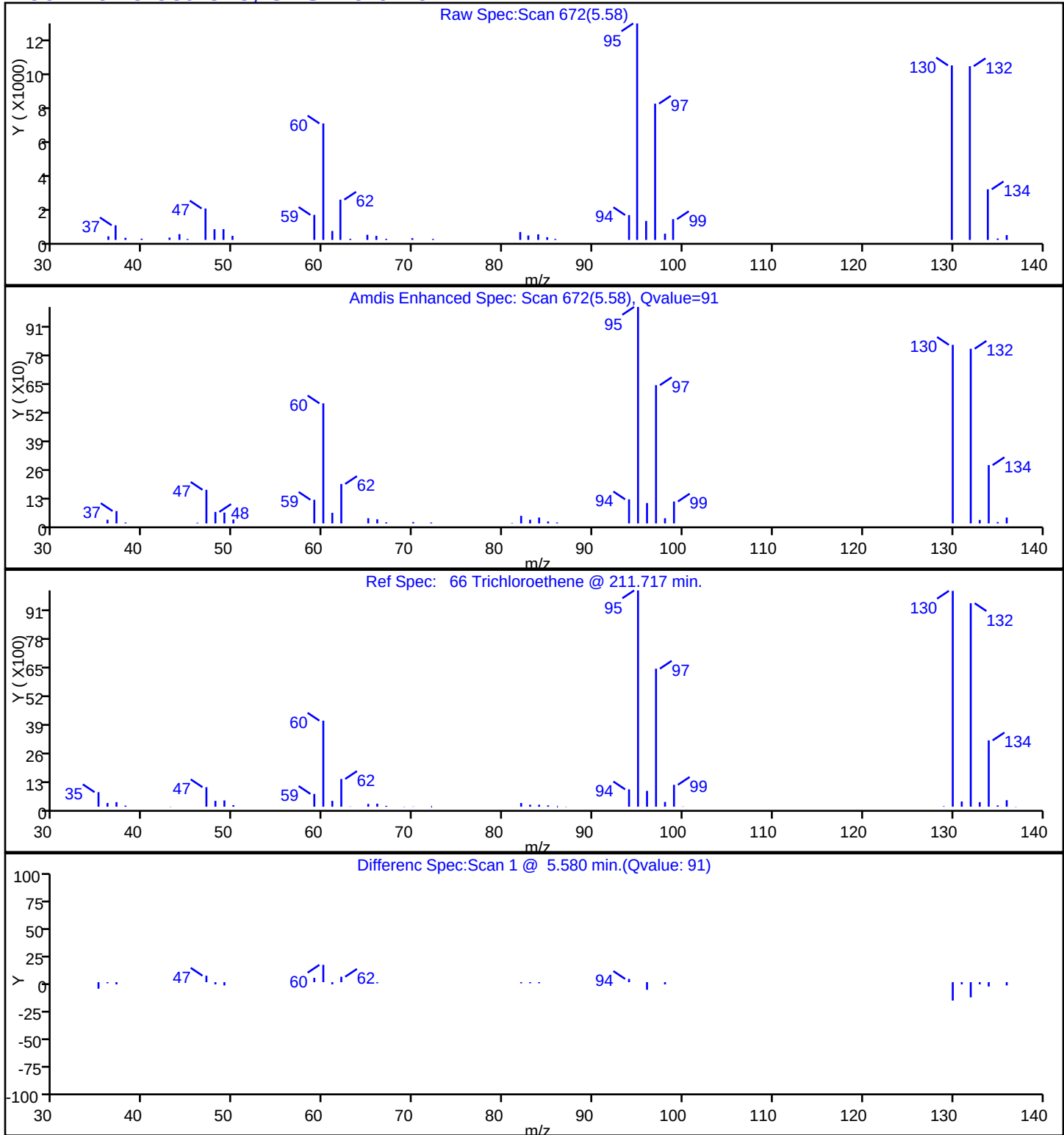
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19599.D

Injection Date: 26-Mar-2016 14:16:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-17

Lab Sample ID: 460-110867-17

Client ID: EW04D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 20

Purge Vol: 5.000 mL

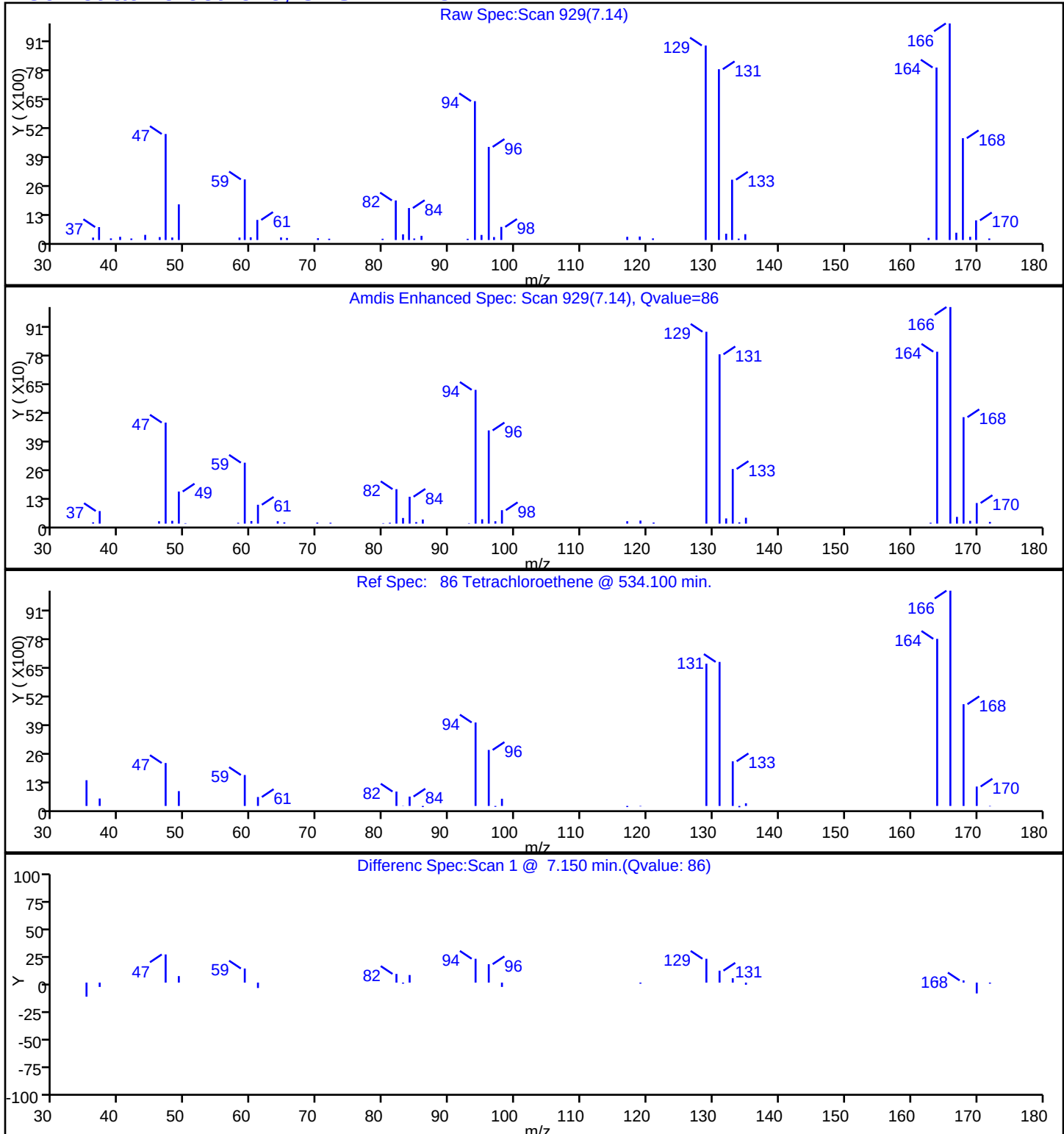
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: EW05-CP-00-031716 Lab Sample ID: 460-110867-18

Matrix: Water Lab File ID: A19600.D

Analysis Method: 8260C Date Collected: 03/16/2016 10:20

Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 14:38

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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	36		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	2.1		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.46	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW05-CP-00-031716 Lab Sample ID: 460-110867-18
 Matrix: Water Lab File ID: A19600.D
 Analysis Method: 8260C Date Collected: 03/16/2016 10:20
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 14:38
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.54	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19600.D
 Lims ID: 460-110867-A-18 Lab Sample ID: 460-110867-18
 Client ID: EW05-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 14:38:30 ALS Bottle#: 14 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-18
 Misc. Info.: 460-0039013-021
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:34:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.084	0.006	86	35365	36.0	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	198715	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	289383	250.0	
50 Cyclohexane	56	4.809	4.809	0.000	31	2032	0.5410	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	96142	51.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	149446	52.4	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	364627	50.0	
66 Trichloroethene	95	5.578	5.571	0.007	92	4174	2.12	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	13834	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	97	346465	49.5	
86 Tetrachloroethene	166	7.150	7.144	0.006	90	650	0.4551	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	94	238907	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	81416	49.6	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	97	122317	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19600.D

Injection Date: 26-Mar-2016 14:38:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-18

Lab Sample ID: 460-110867-18

Worklist Smp#: 21

Client ID: EW05-CP-00-031716

Purge Vol: 5.000 mL

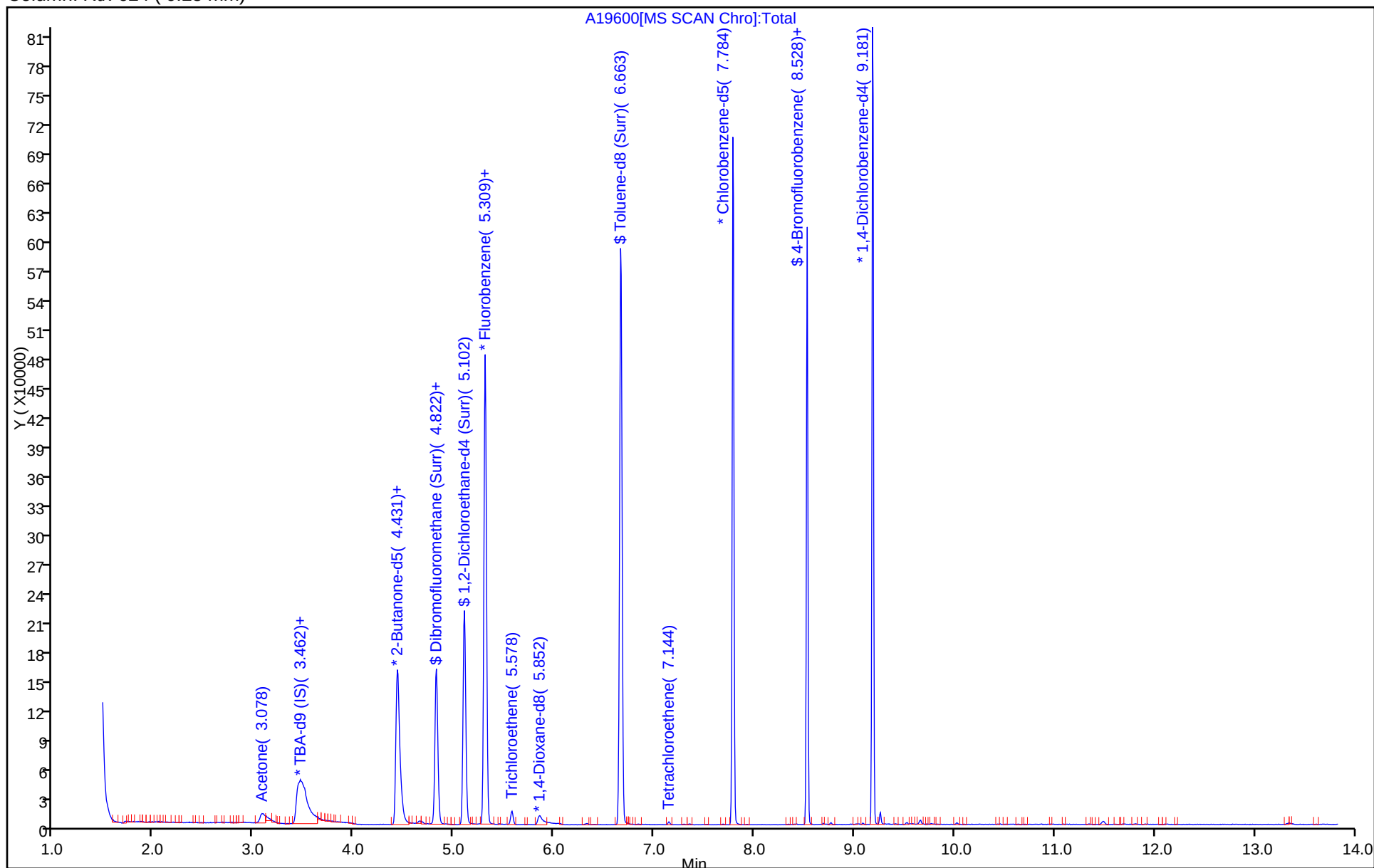
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19600.D

Injection Date: 26-Mar-2016 14:38:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-18

Lab Sample ID: 460-110867-18

Client ID: EW05-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14

Worklist Smp#: 21

Purge Vol: 5.000 mL

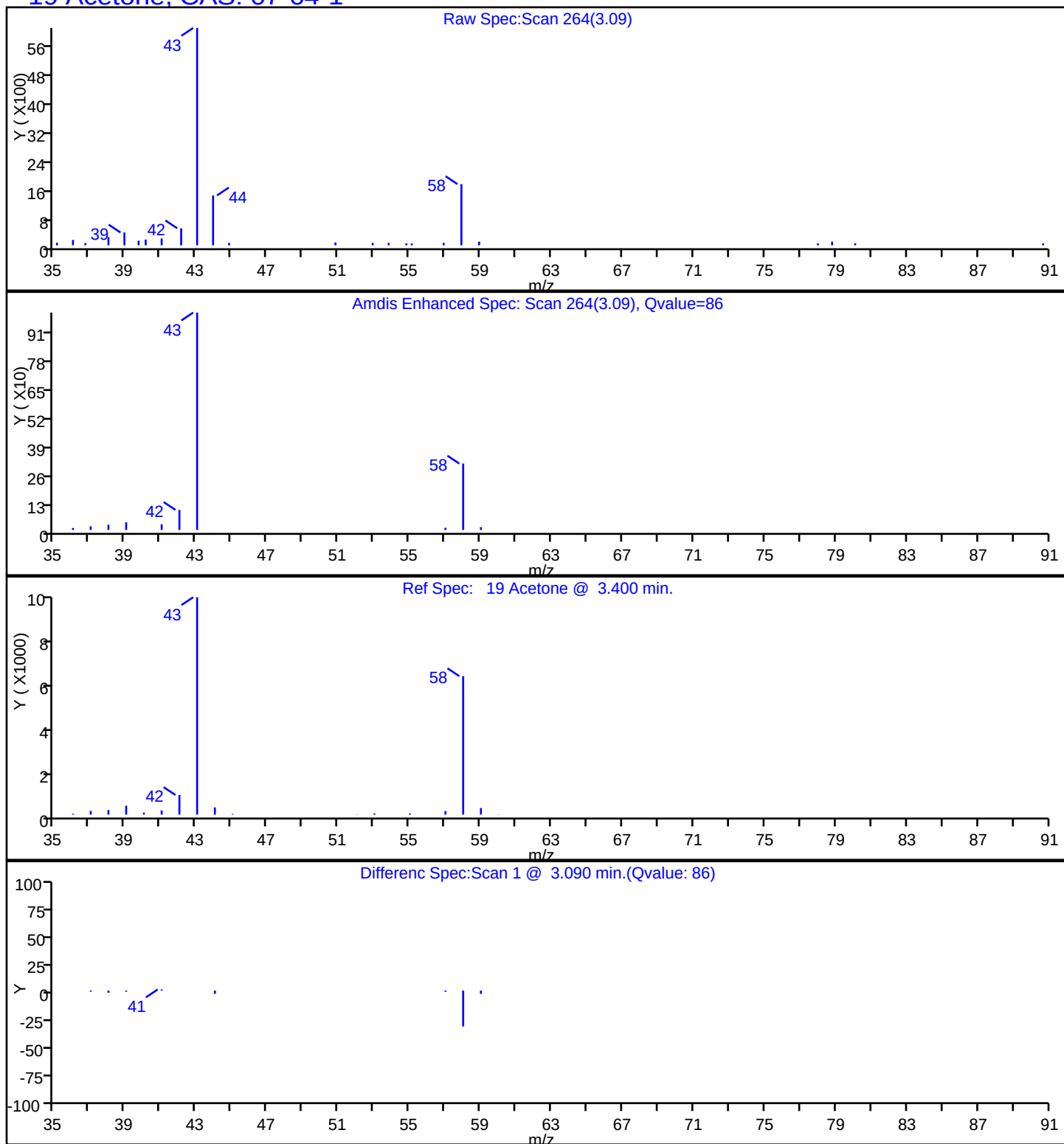
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19600.D

Injection Date: 26-Mar-2016 14:38:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-18

Lab Sample ID: 460-110867-18

Client ID: EW05-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14 Worklist Smp#: 21

Purge Vol: 5.000 mL

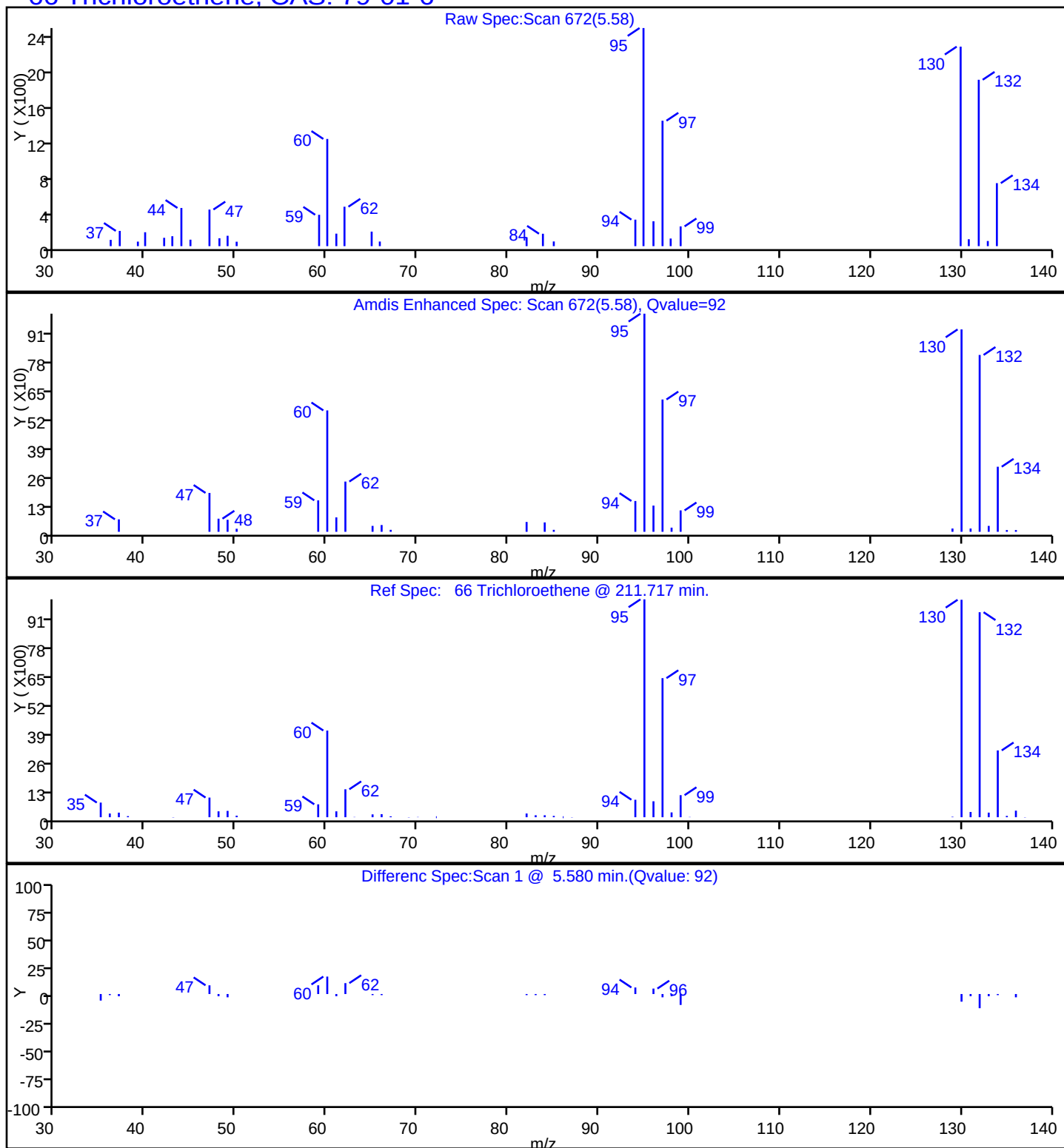
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19600.D

Injection Date: 26-Mar-2016 14:38:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-18

Lab Sample ID: 460-110867-18

Client ID: EW05-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14

Worklist Smp#: 21

Purge Vol: 5.000 mL

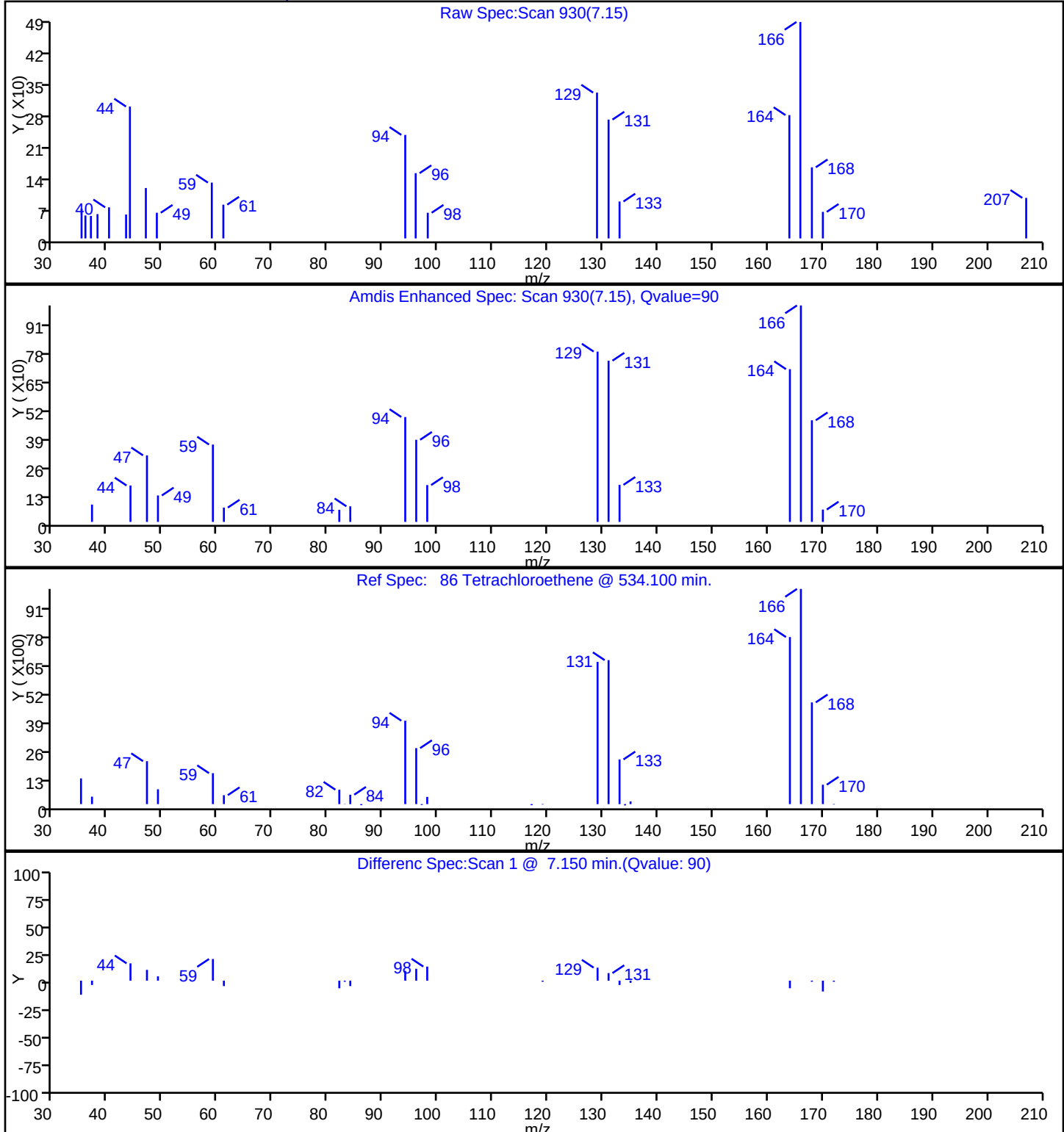
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19600.D

Injection Date: 26-Mar-2016 14:38:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-18

Lab Sample ID: 460-110867-18

Client ID: EW05-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 14 Worklist Smp#: 21

Purge Vol: 5.000 mL

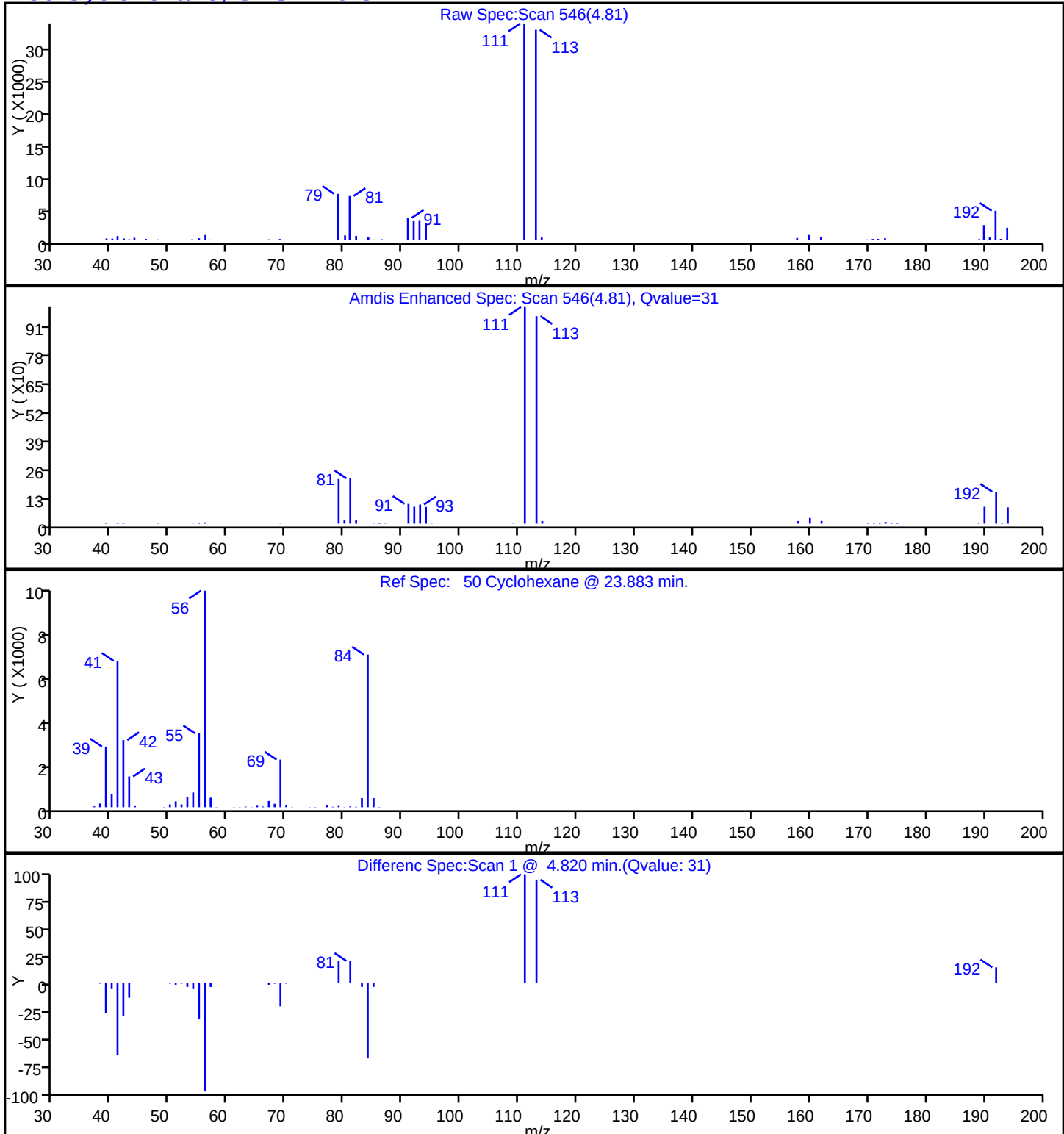
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW07C-CP-00-031716</u>	Lab Sample ID: <u>460-110867-19</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19601.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:43</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/26/2016 14:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	16		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	4.0		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	2.3	J	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	220		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	13		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW07C-CP-00-031716 Lab Sample ID: 460-110867-19
 Matrix: Water Lab File ID: A19601.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:43
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 14:59
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.1		1.0	0.13
110-82-7	Cyclohexane	0.53	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	98		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	103		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D
 Lims ID: 460-110867-A-19 Lab Sample ID: 460-110867-19
 Client ID: EW07C-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 14:59:30 ALS Bottle#: 15 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-19
 Misc. Info.: 460-0039013-022
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:51:53 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: baronm

Date: 29-Mar-2016 15:51:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.084	3.084	0.000	87	15487	16.0	
* 28 TBA-d9 (IS)	65	3.486	3.468	0.018	0	226811	1000.0	
30 Methyl tert-butyl ether	73	3.614	3.620	-0.006	96	7076	1.05	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	284088	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	89	8838	3.99	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	57	583	2.29	
50 Cyclohexane	56	4.797	4.809	-0.012	19	1959	0.5286	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	95611	51.6	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	147857	52.5	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	359786	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	93	420739	216.5	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	16044	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	343932	49.2	
86 Tetrachloroethene	166	7.144	7.144	0.000	88	18152	12.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	238577	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	80749	49.3	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	121782	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Worklist Smp#: 22

Client ID: EW07C-CP-00-031716

Purge Vol: 5.000 mL

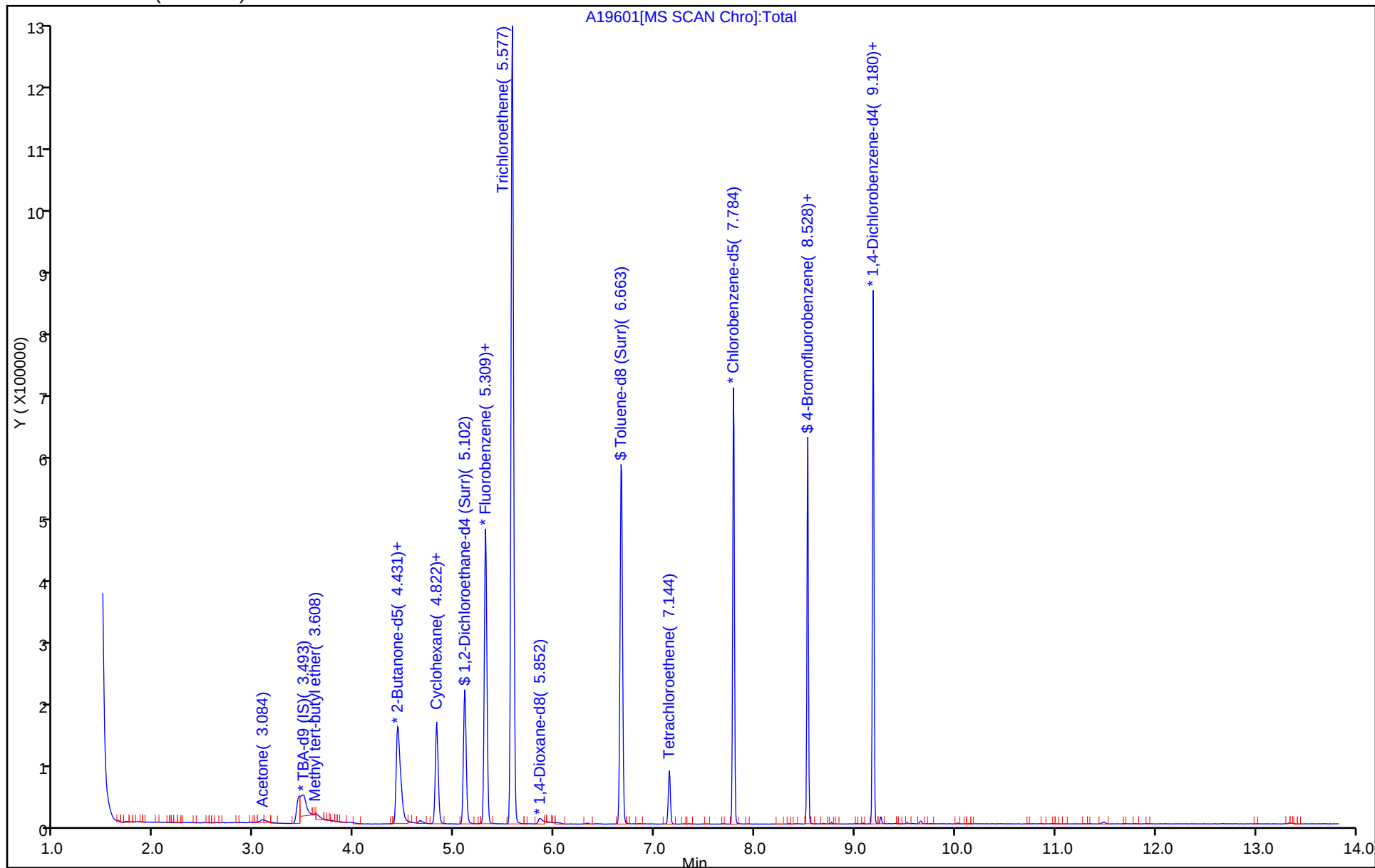
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15 Worklist Smp#: 22

Purge Vol: 5.000 mL

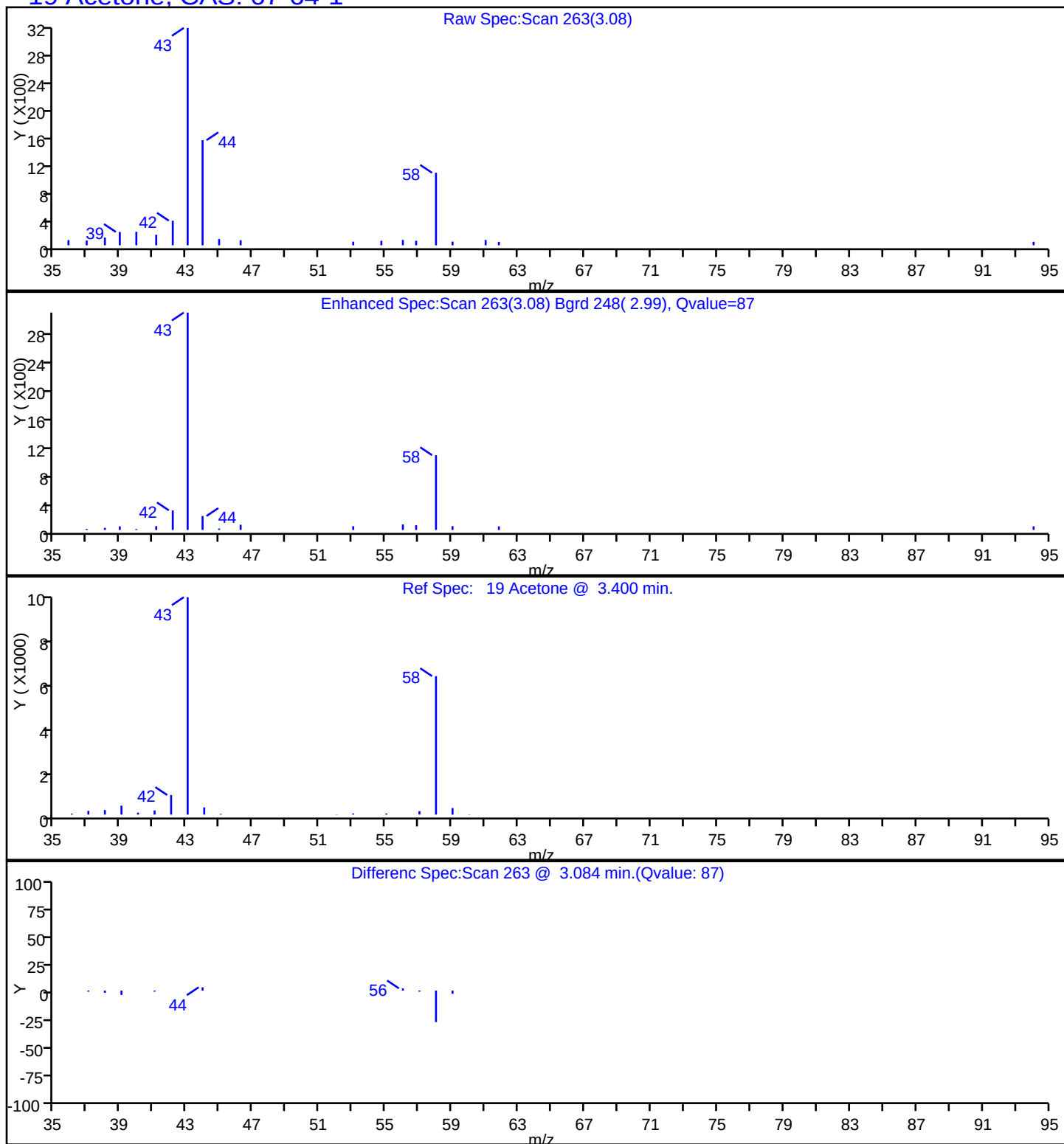
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15

Worklist Smp#: 22

Purge Vol: 5.000 mL

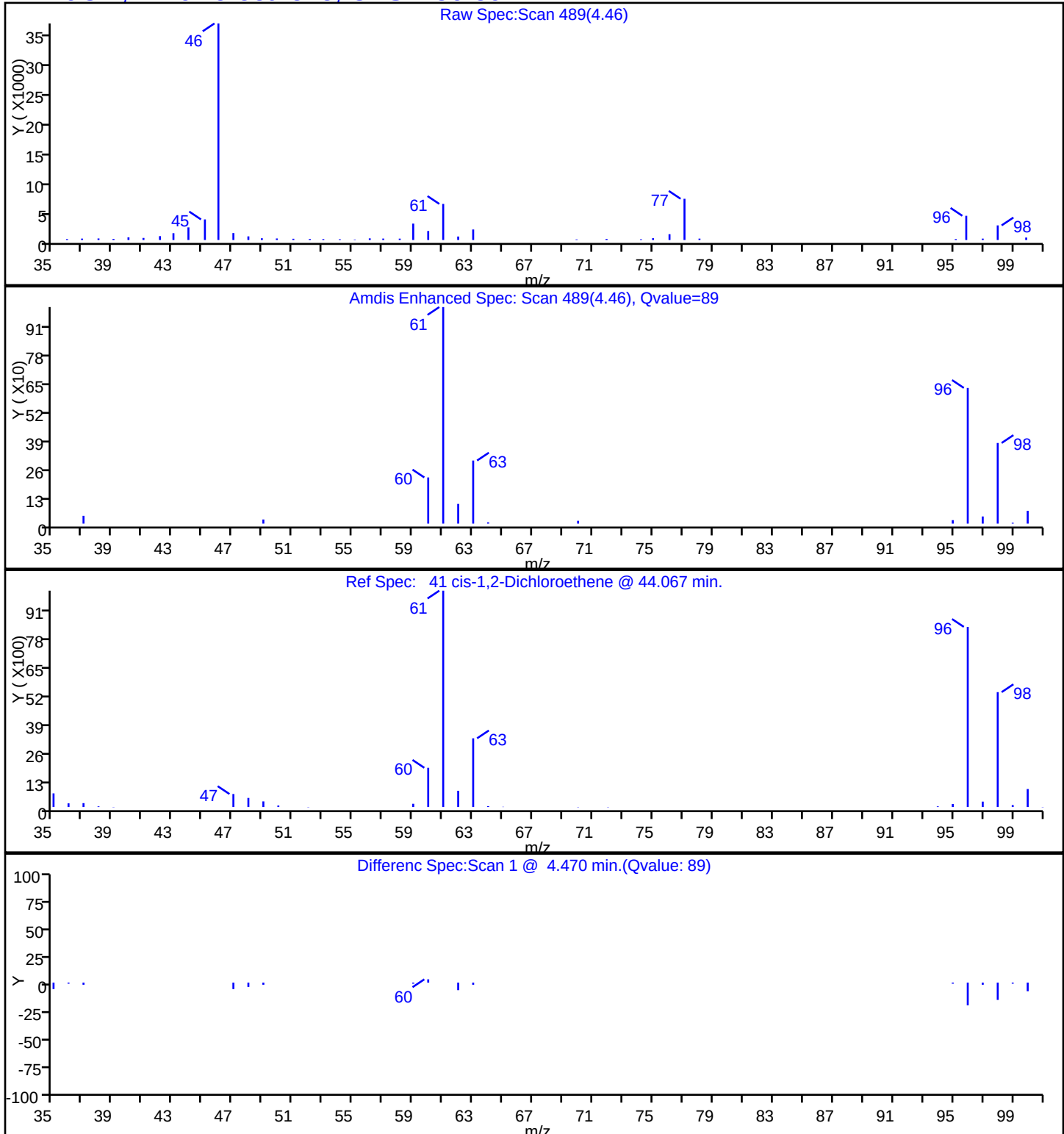
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15 Worklist Smp#: 22

Purge Vol: 5.000 mL

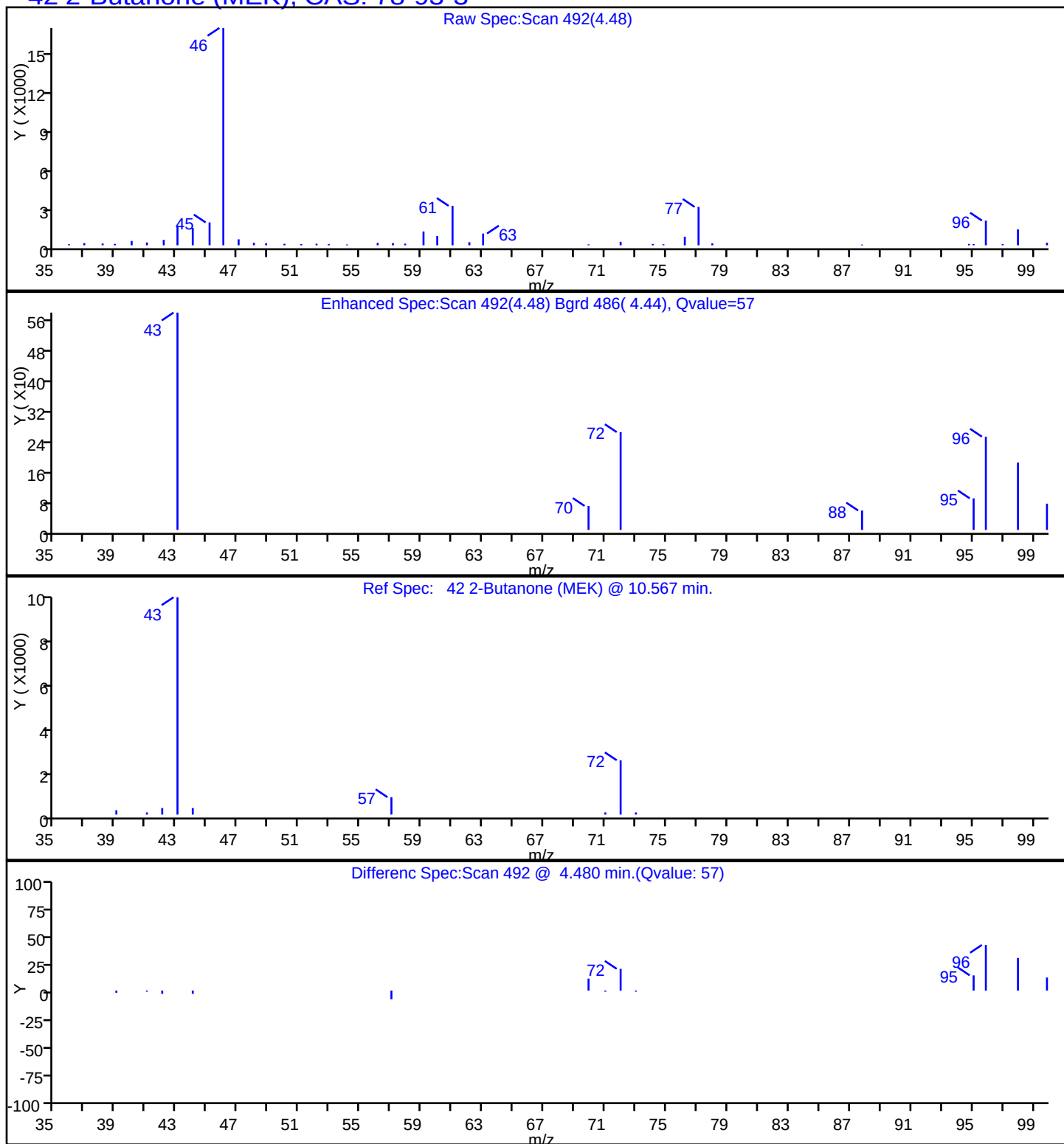
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK). CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15

Worklist Smp#: 22

Purge Vol: 5.000 mL

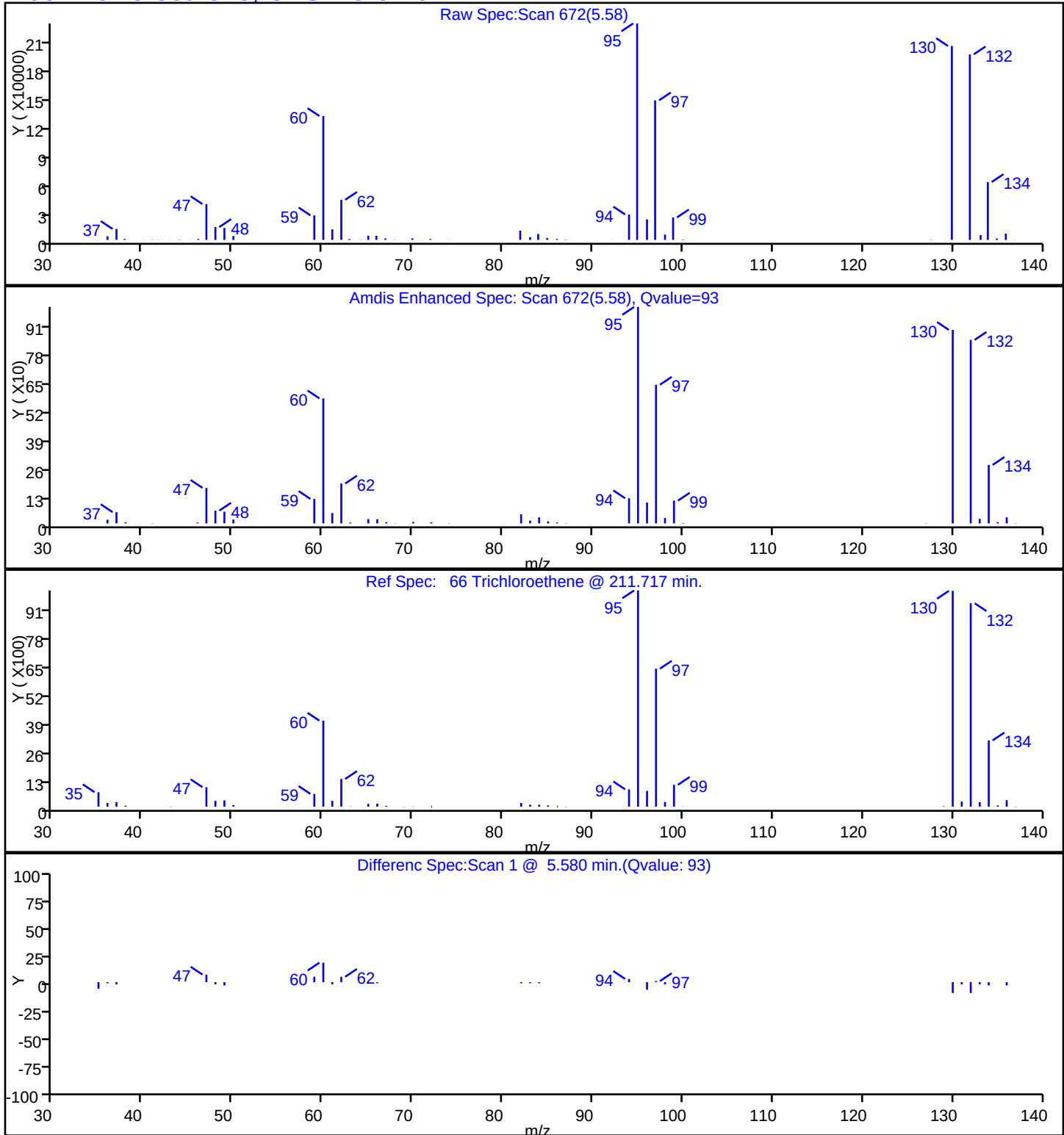
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15

Worklist Smp#: 22

Purge Vol: 5.000 mL

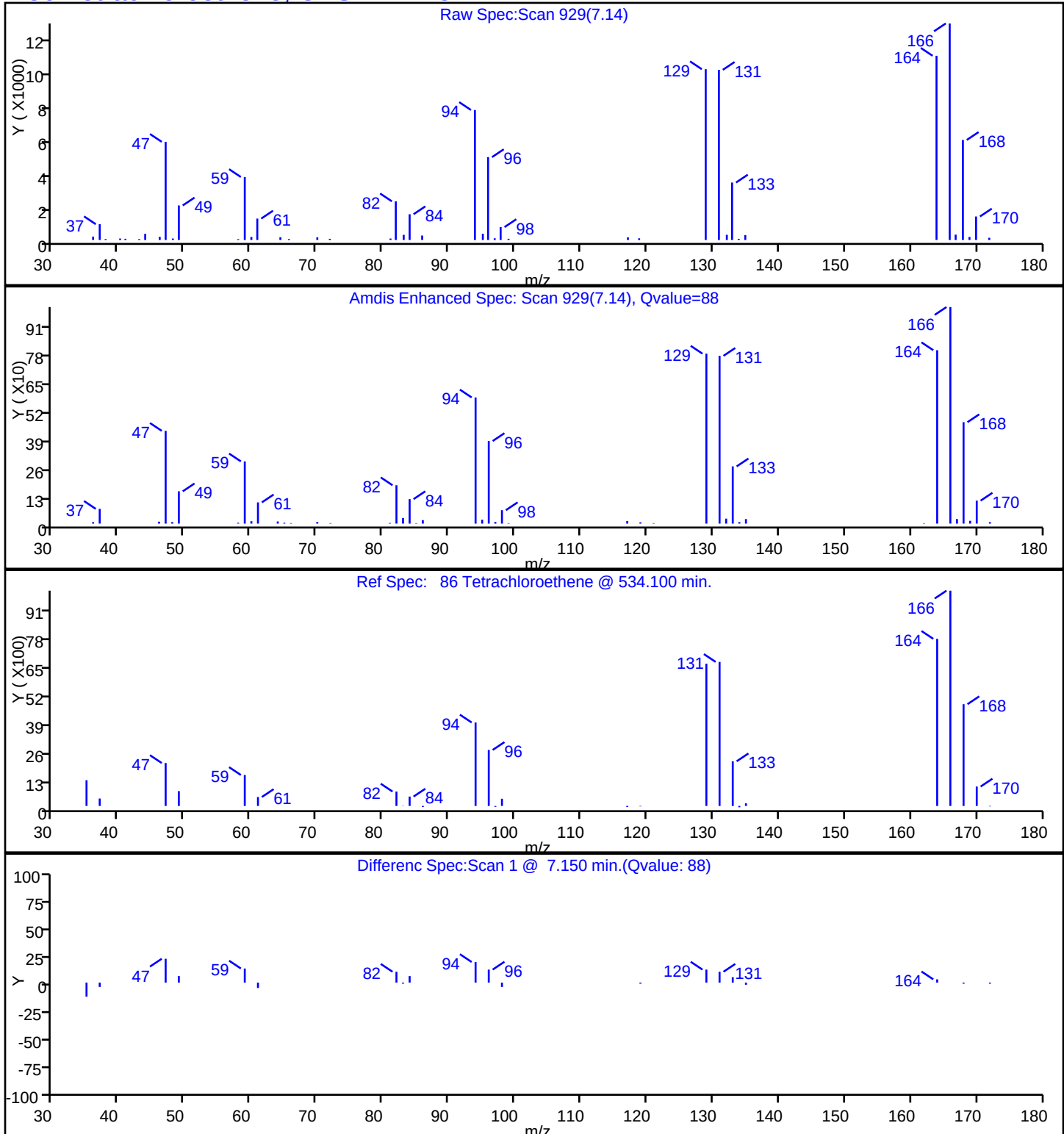
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15

Worklist Smp#: 22

Purge Vol: 5.000 mL

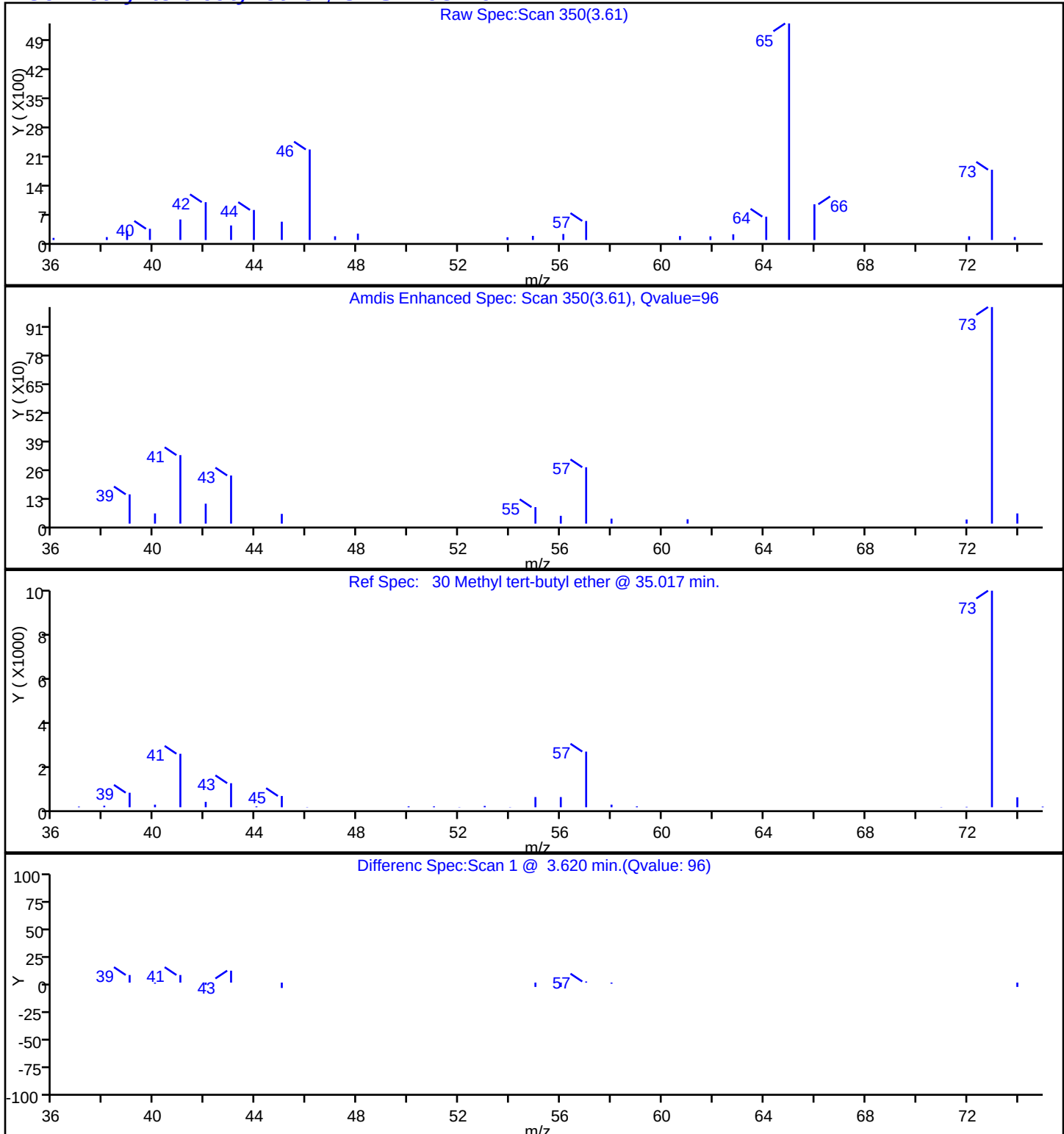
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

30 Methyl tert-butyl ether, CAS: 1634-04-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19601.D

Injection Date: 26-Mar-2016 14:59:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-19

Lab Sample ID: 460-110867-19

Client ID: EW07C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 15 Worklist Smp#: 22

Purge Vol: 5.000 mL

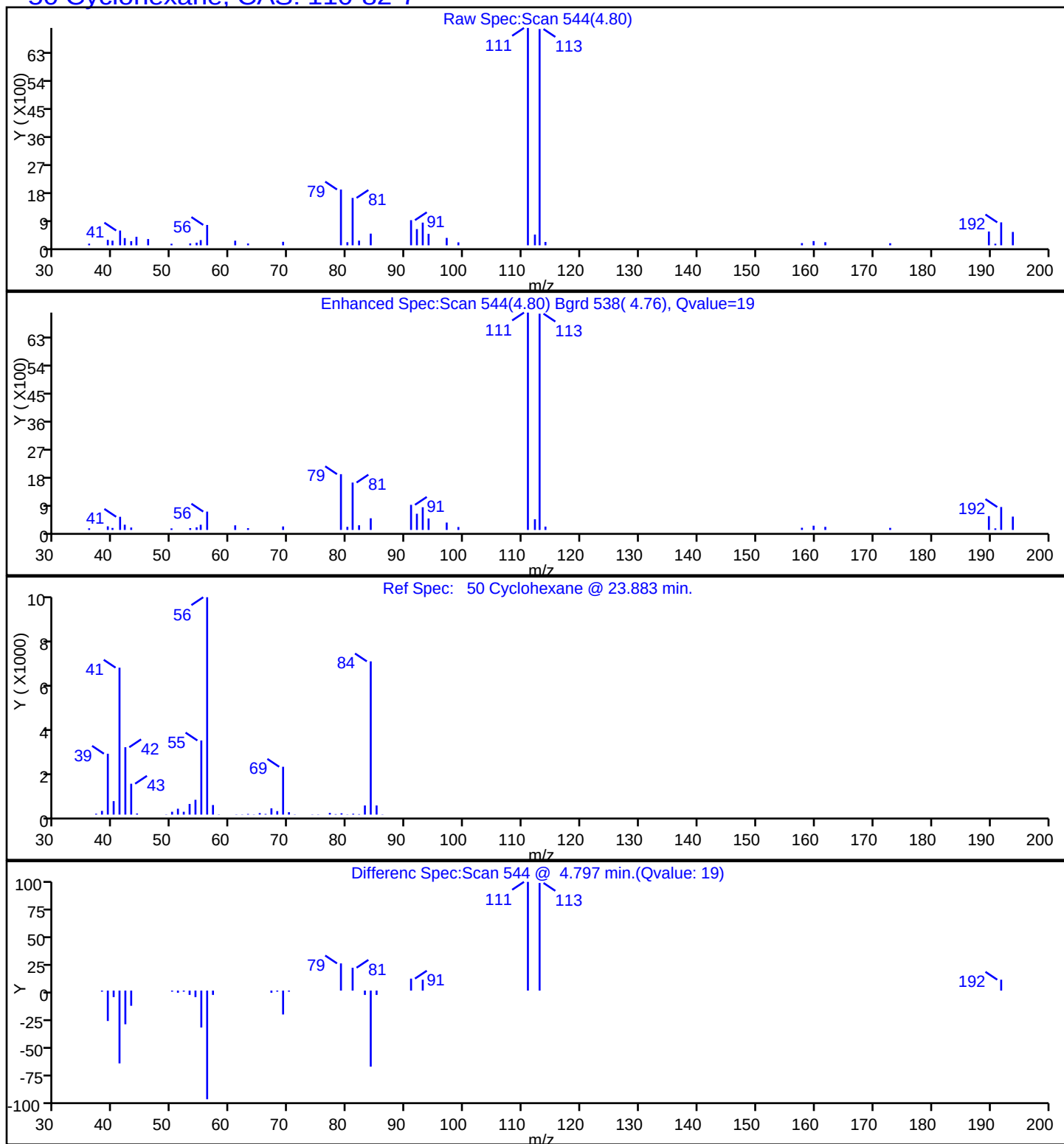
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW07D-CP-00-031716</u>	Lab Sample ID: <u>460-110867-20</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19602.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:34</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 15:20</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	27		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	0.49	J	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	5.8		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	3.1		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW07D-CP-00-031716 Lab Sample ID: 460-110867-20
 Matrix: Water Lab File ID: A19602.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:34
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 15:20
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.46	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	103		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D
 Lims ID: 460-110867-A-20 Lab Sample ID: 460-110867-20
 Client ID: EW07D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 15:20:30 ALS Bottle#: 16 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-20
 Misc. Info.: 460-0039013-023
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:52:17 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: desais

Date: 28-Mar-2016 09:37:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.084	3.084	0.000	86	26695	27.4	
* 28 TBA-d9 (IS)	65	3.462	3.468	-0.006	0	225236	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	286286	250.0	
49 Chloroform	83	4.700	4.693	0.007	94	1781	0.4856	
50 Cyclohexane	56	4.815	4.809	0.006	31	1687	0.4605	M
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	94645	51.7	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	146618	52.7	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	355651	50.0	
66 Trichloroethene	95	5.578	5.571	0.007	91	11192	5.83	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15666	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	339387	50.0	
86 Tetrachloroethene	166	7.144	7.144	0.000	86	4253	3.07	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	94	231429	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	79073	49.7	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	121056	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19602.D

Injection Date: 26-Mar-2016 15:20:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-20

Lab Sample ID: 460-110867-20

Worklist Smp#: 23

Client ID: EW07D-CP-00-031716

Purge Vol: 5.000 mL

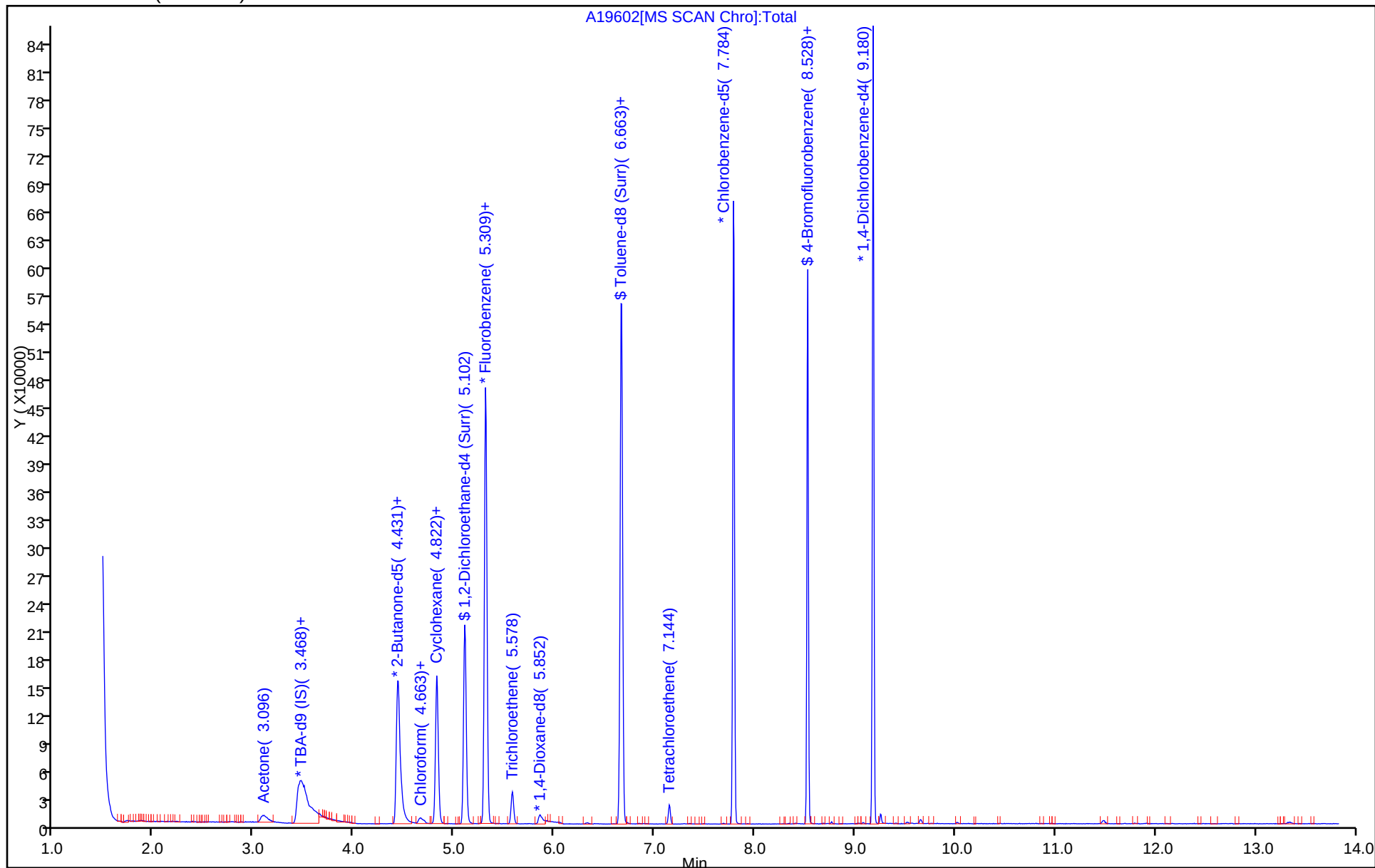
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D

Injection Date: 26-Mar-2016 15:20:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-20

Lab Sample ID: 460-110867-20

Client ID: EW07D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16 Worklist Smp#: 23

Purge Vol: 5.000 mL

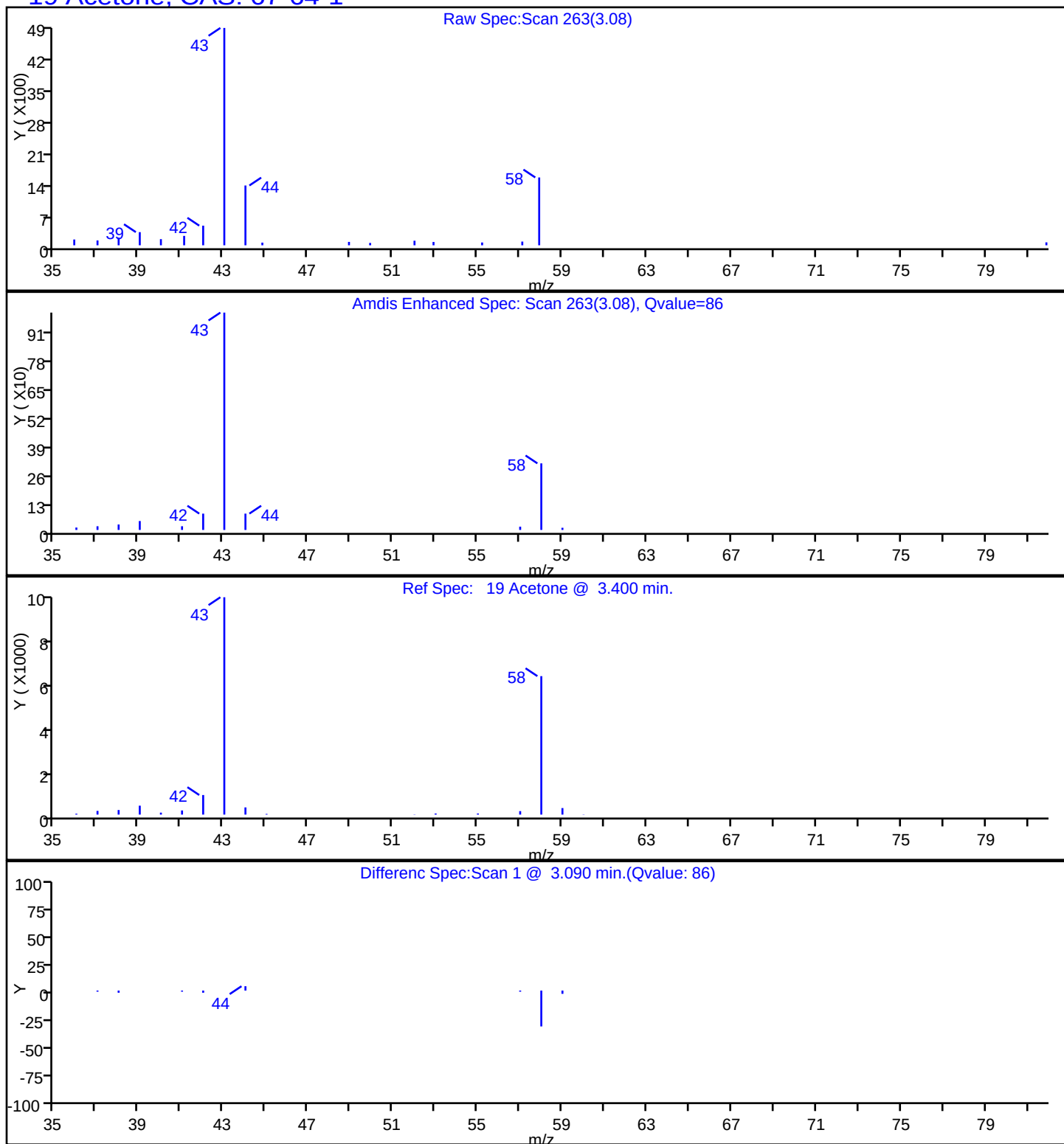
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D

Injection Date: 26-Mar-2016 15:20:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-20

Lab Sample ID: 460-110867-20

Client ID: EW07D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

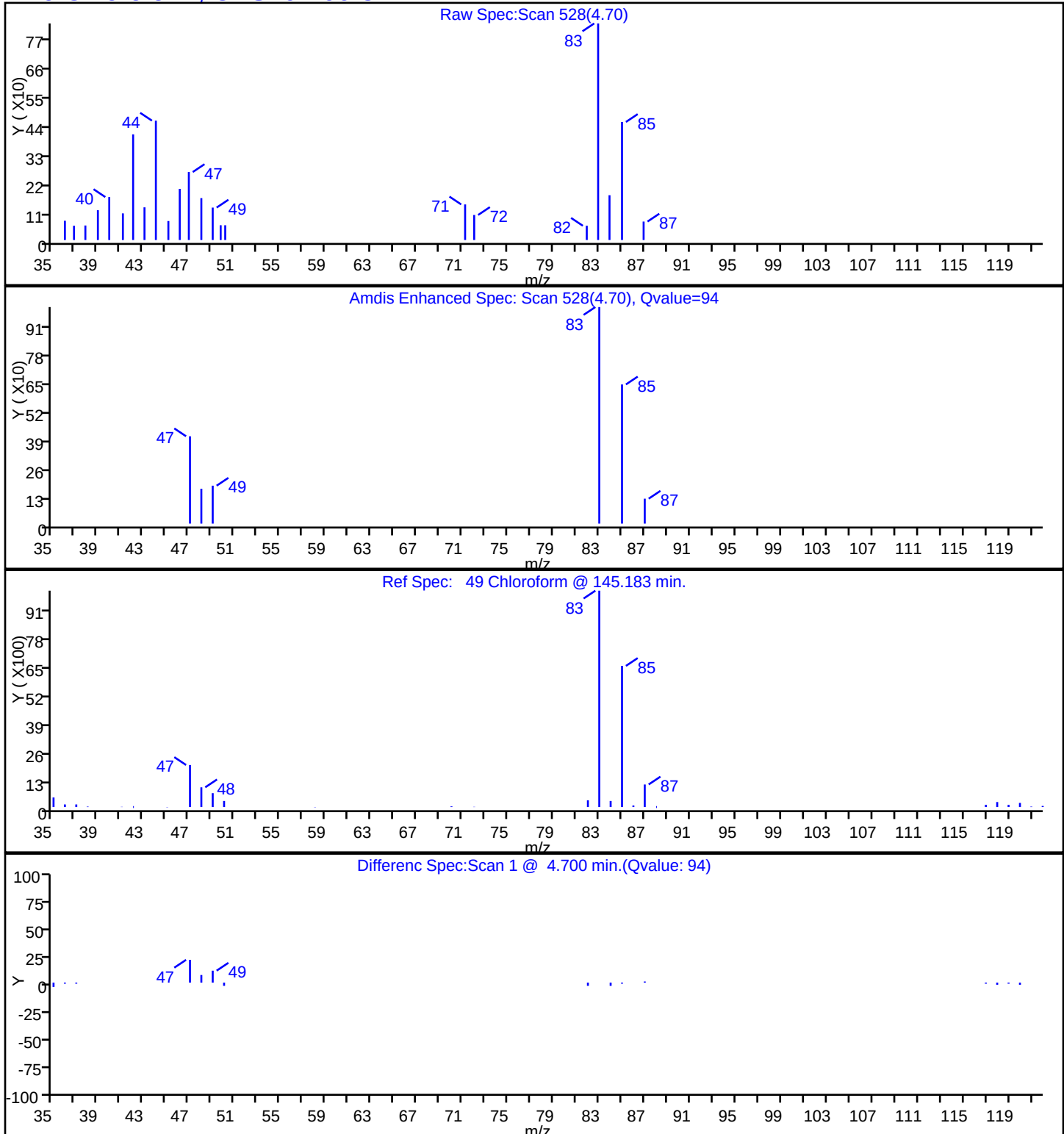
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D

Injection Date: 26-Mar-2016 15:20:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-20

Lab Sample ID: 460-110867-20

Client ID: EW07D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 23

Purge Vol: 5.000 mL

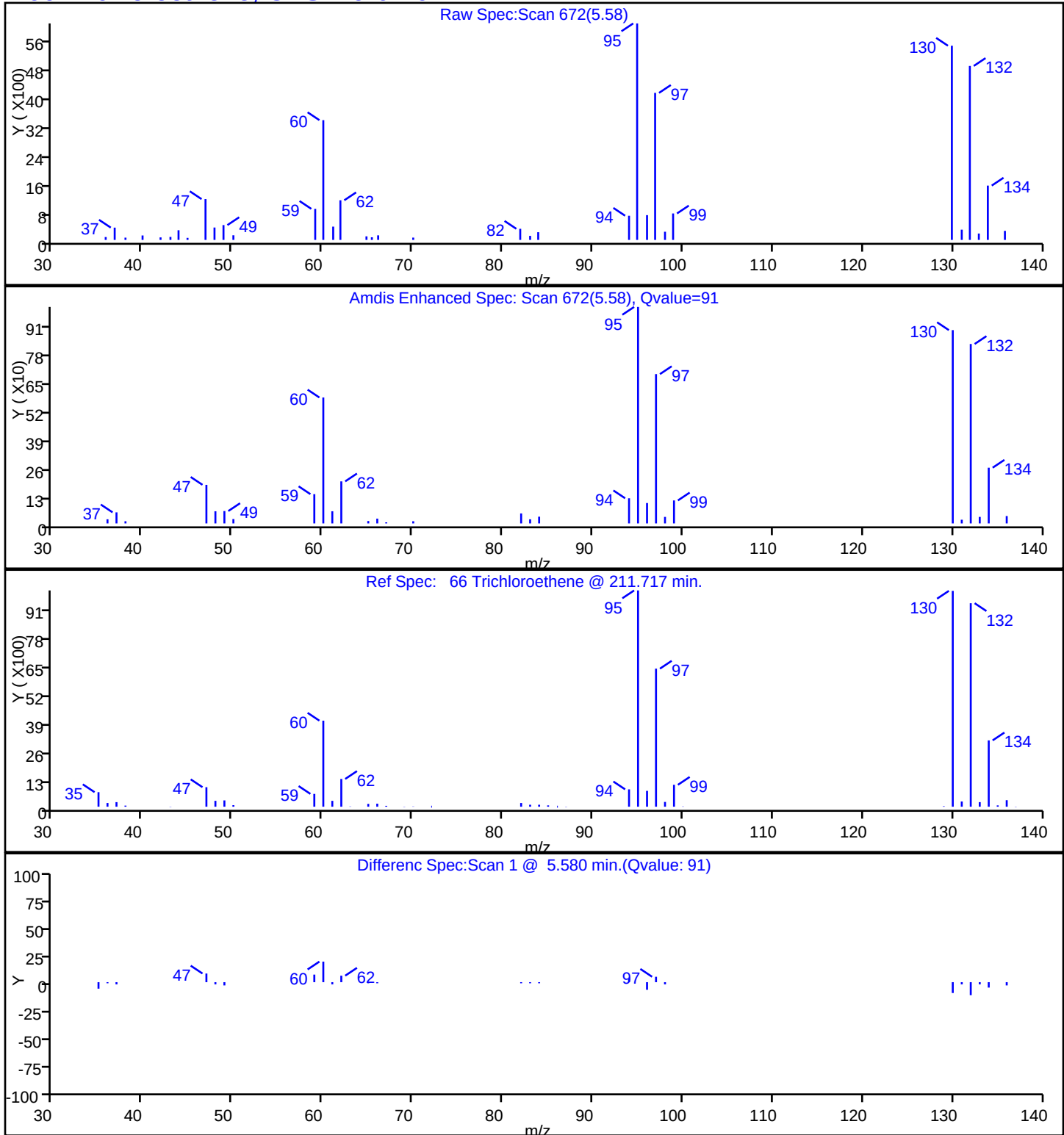
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D

Injection Date: 26-Mar-2016 15:20:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-20

Lab Sample ID: 460-110867-20

Client ID: EW07D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 23

Purge Vol: 5.000 mL

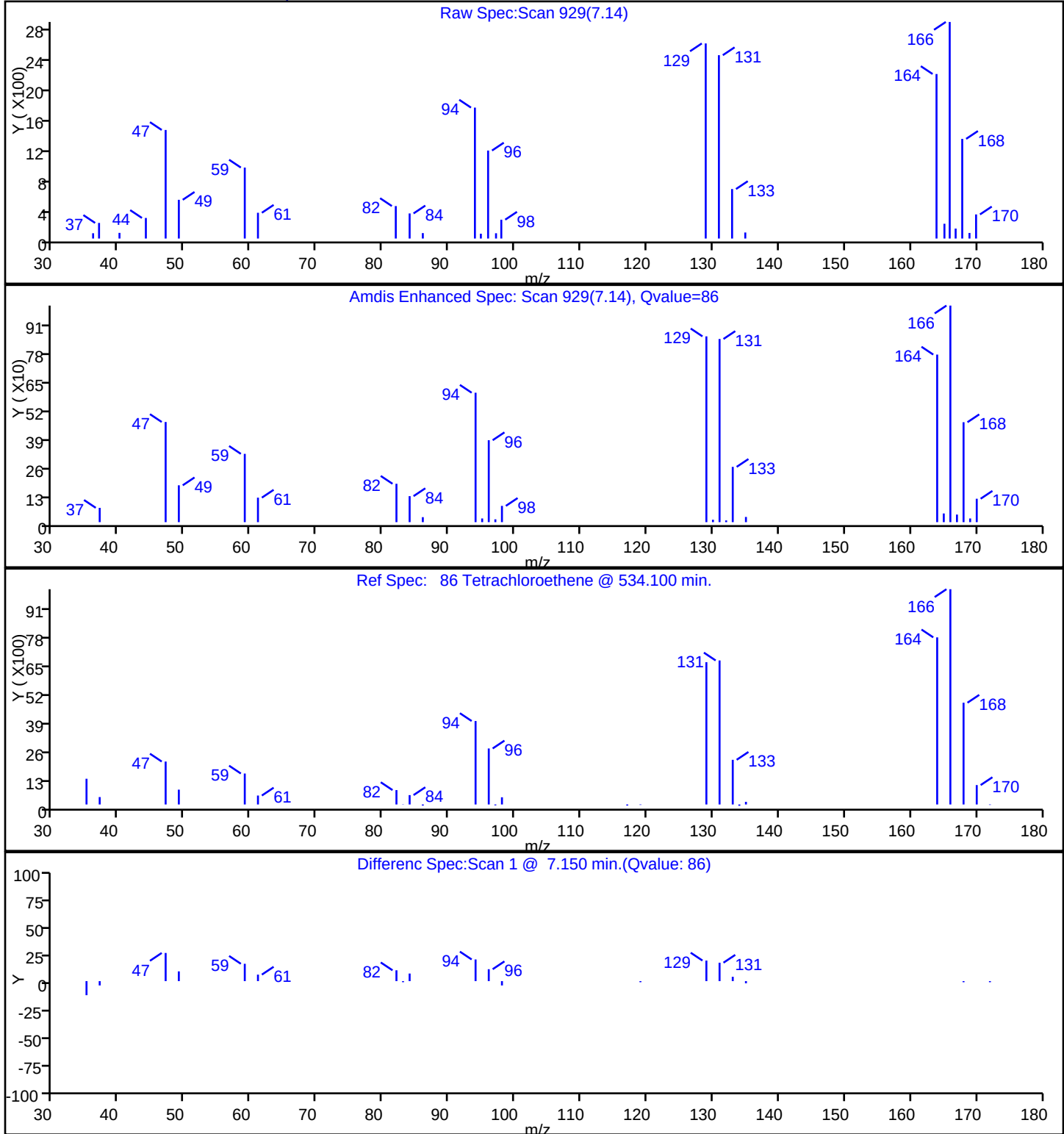
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D

Injection Date: 26-Mar-2016 15:20:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-20

Lab Sample ID: 460-110867-20

Client ID: EW07D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 23

Purge Vol: 5.000 mL

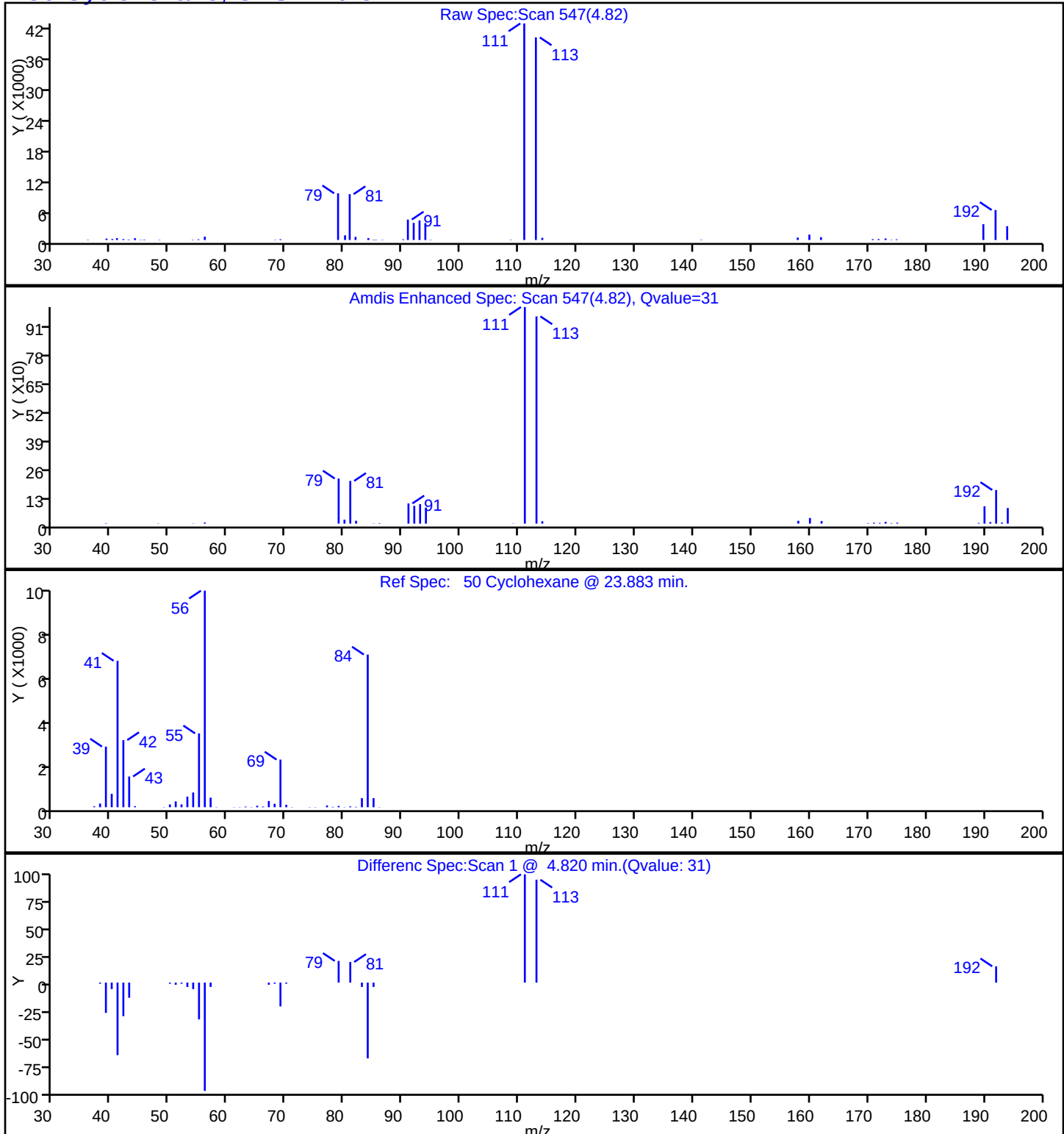
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

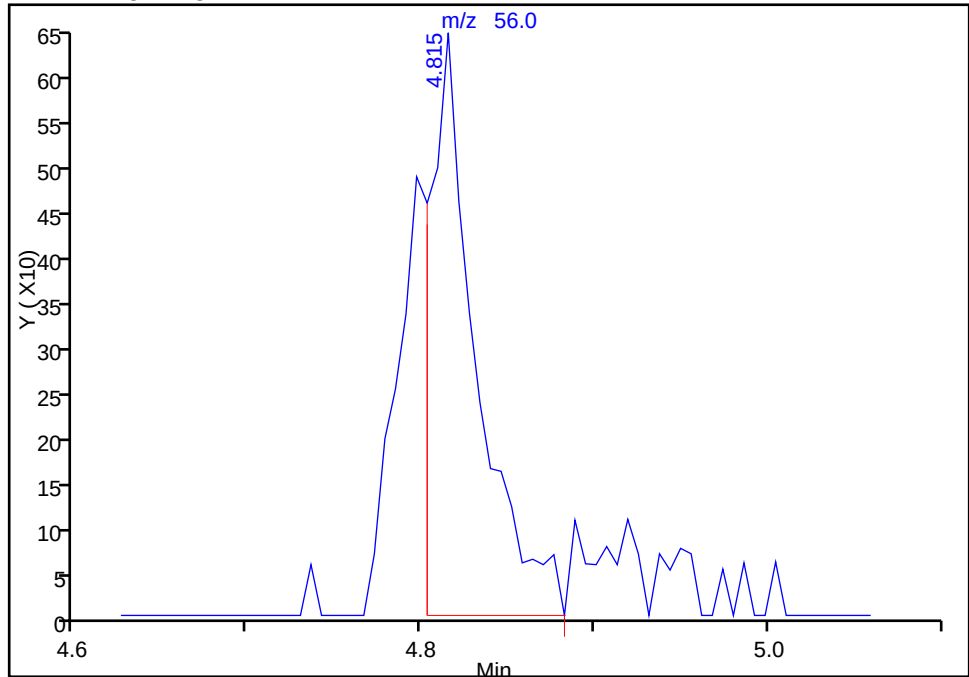
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19602.D		
Injection Date:	26-Mar-2016 15:20:30	Instrument ID:	CVOAMS1
Lims ID:	460-110867-A-20	Lab Sample ID:	460-110867-20
Client ID:	EW07D-CP-00-031716		
Operator ID:	VOA GC/MS1	ALS Bottle#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	23

50 Cyclohexane, CAS: 110-82-7

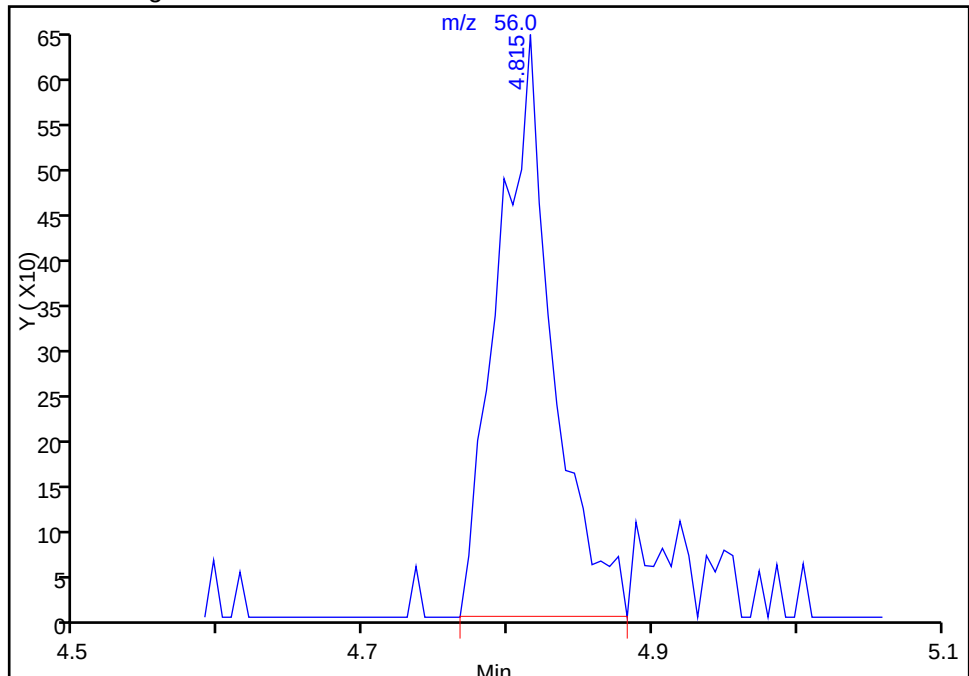
RT: 4.82
Area: 1208
Amount: 0.329740
Amount Units: ug/l

Processing Integration Results



RT: 4.82
Area: 1687
Amount: 0.460490
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 29-Mar-2016 15:52:17
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW11D-CP-00-031716</u>	Lab Sample ID: <u>460-110867-21</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19603.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 12:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 15:42</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	30		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	3.3	J	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW11D-CP-00-031716 Lab Sample ID: 460-110867-21
 Matrix: Water Lab File ID: A19603.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:10
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 15:42
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.40	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	104		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19603.D
 Lims ID: 460-110867-A-21 Lab Sample ID: 460-110867-21
 Client ID: EW11D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 15:42:30 ALS Bottle#: 17 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-21
 Misc. Info.: 460-0039013-024
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 22:20:08 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: desais

Date: 28-Mar-2016 09:38:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.084	0.006	85	30235	30.4	
* 28 TBA-d9 (IS)	65	3.456	3.468	-0.012	0	230792	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	293030	250.0	
42 2-Butanone (MEK)	72	4.474	4.480	-0.006	94	865	3.29	
50 Cyclohexane	56	4.809	4.809	0.000	31	1481	0.4001	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	96528	52.1	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	148263	52.8	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	359337	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	12001	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	97	339996	49.5	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	234277	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	79410	49.3	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	122770	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19603.D

Injection Date: 26-Mar-2016 15:42:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-21

Lab Sample ID: 460-110867-21

Worklist Smp#: 24

Client ID: EW11D-CP-00-031716

Purge Vol: 5.000 mL

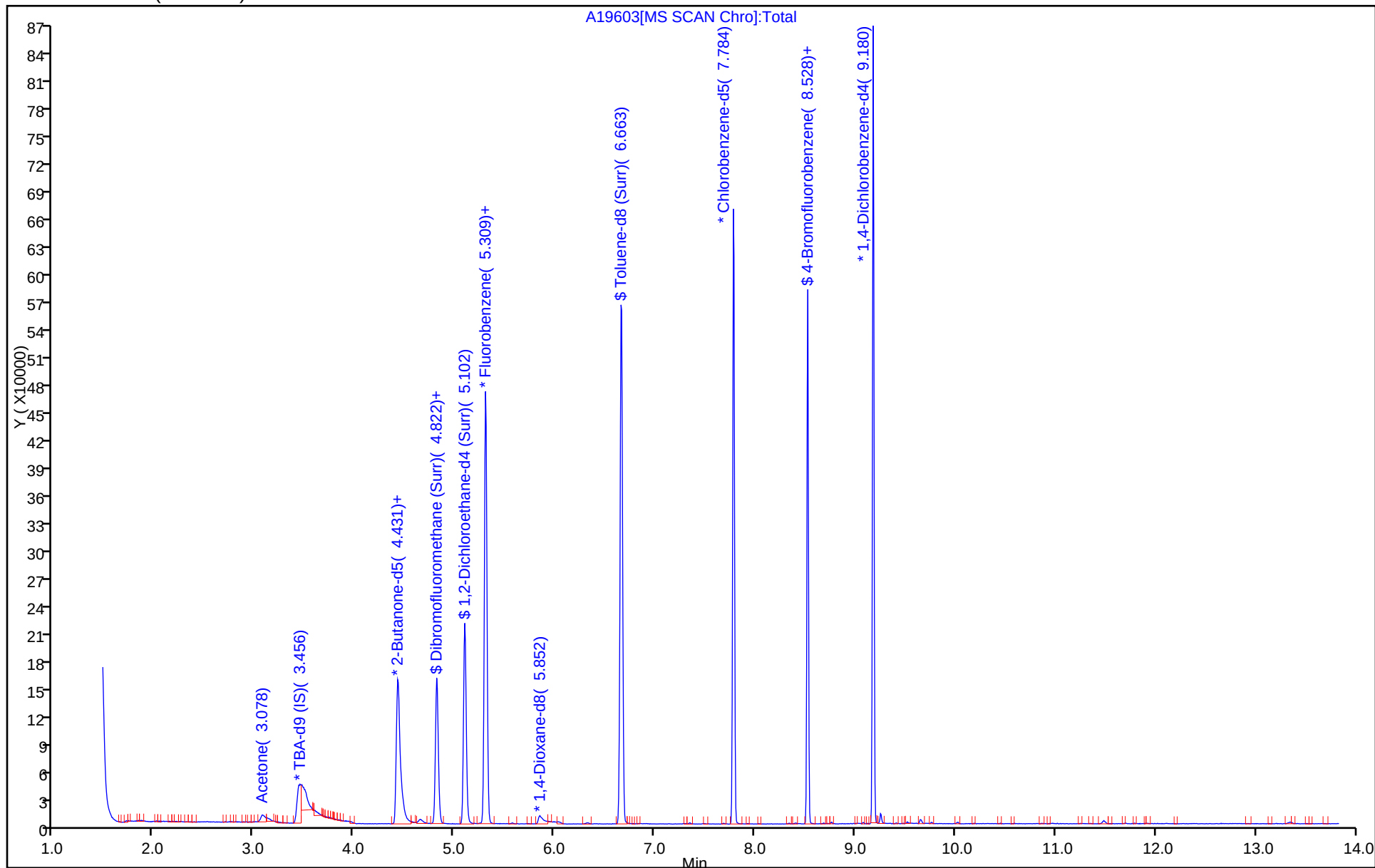
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19603.D

Injection Date: 26-Mar-2016 15:42:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-21

Lab Sample ID: 460-110867-21

Client ID: EW11D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17 Worklist Smp#: 24

Purge Vol: 5.000 mL

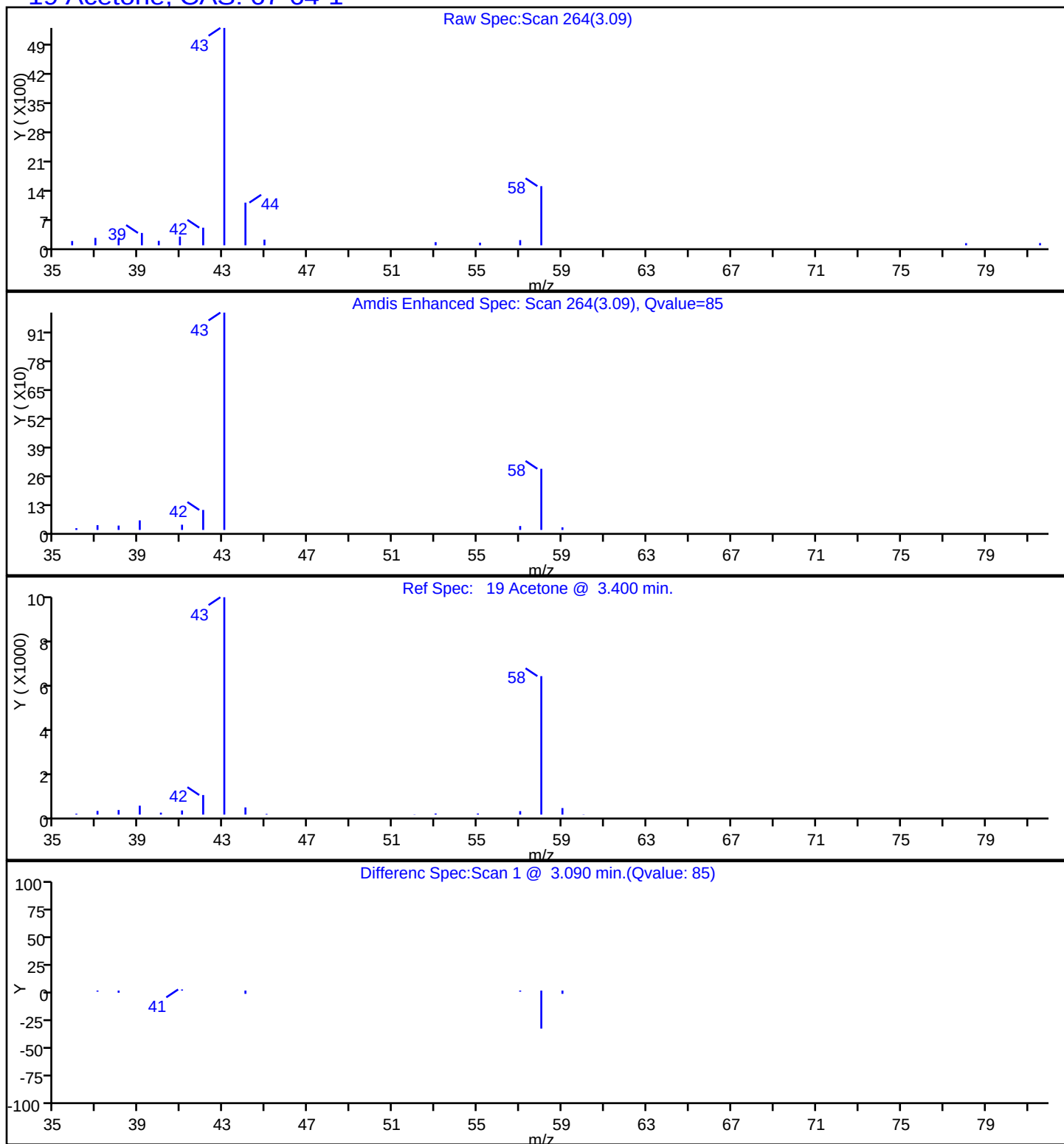
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19603.D

Injection Date: 26-Mar-2016 15:42:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-21

Lab Sample ID: 460-110867-21

Client ID: EW11D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17 Worklist Smp#: 24

Purge Vol: 5.000 mL

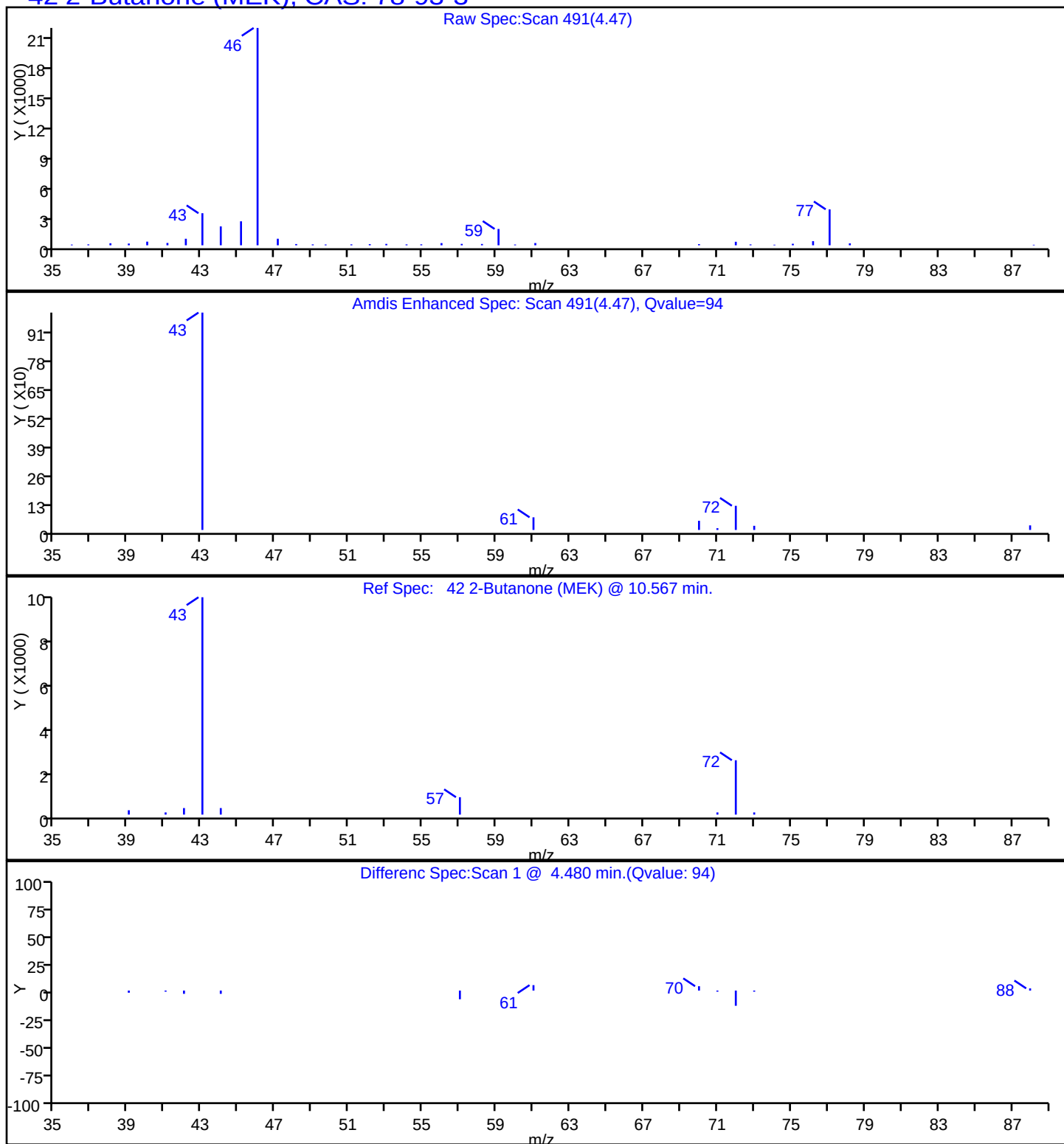
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK), CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19603.D

Injection Date: 26-Mar-2016 15:42:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-21

Lab Sample ID: 460-110867-21

Client ID: EW11D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17 Worklist Smp#: 24

Purge Vol: 5.000 mL

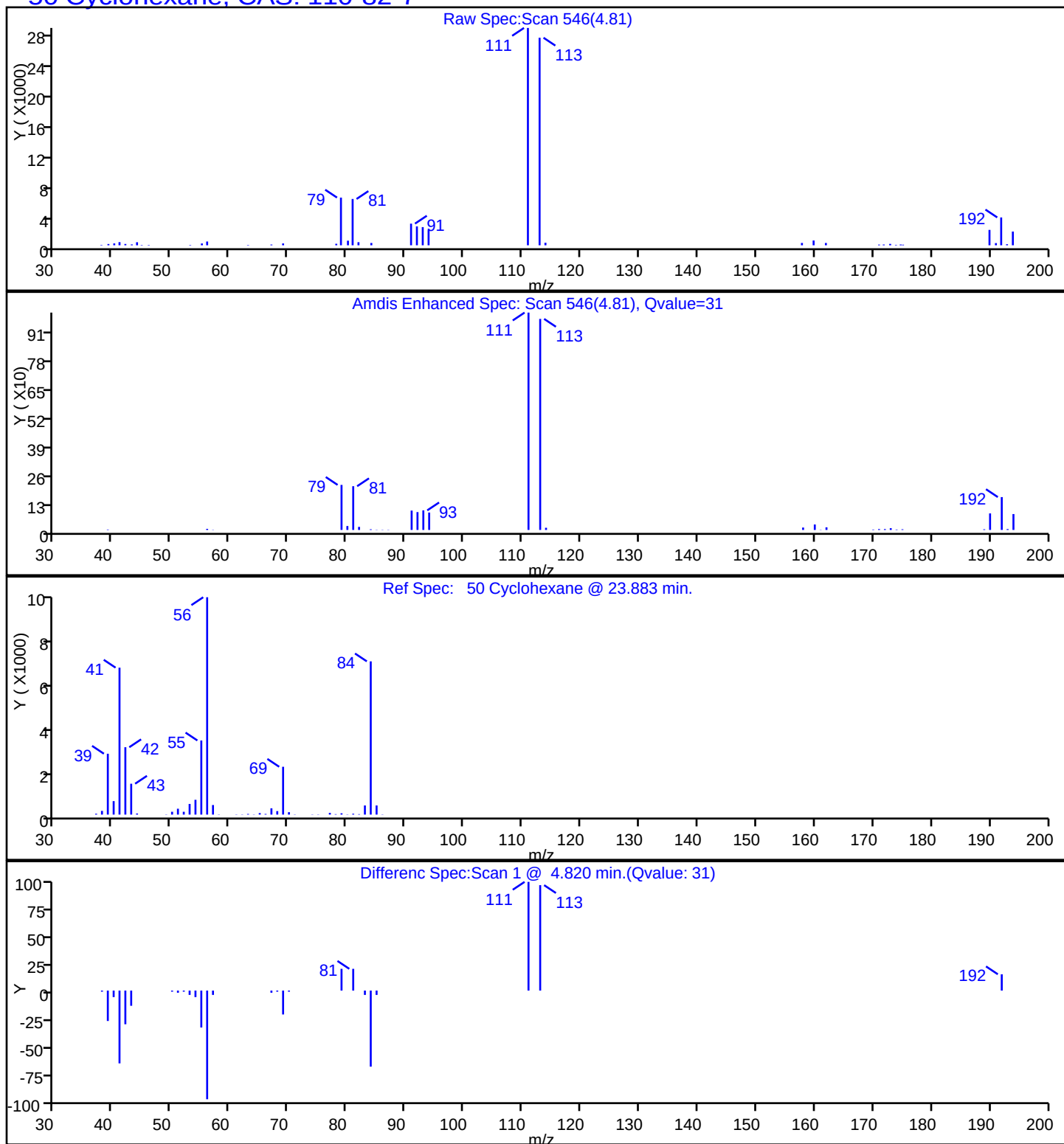
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW12D-CP-00-031716</u>	Lab Sample ID: <u>460-110867-22</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19604.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 12:22</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/26/2016 16:04</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	34		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	2.6		1.0	0.34
75-34-3	1,1-Dichloroethane	0.26	J	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.7		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	2.8	J	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.4		1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	9.6		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	2.1		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW12D-CP-00-031716 Lab Sample ID: 460-110867-22
 Matrix: Water Lab File ID: A19604.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:22
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 16:04
 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.: 358833 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	0.34
75-65-0	TBA	10	U	10	1.2
1634-04-4	Methyl tert-butyl ether	0.14	J	1.0	0.13
110-82-7	Cyclohexane	0.98	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D
 Lims ID: 460-110867-A-22 Lab Sample ID: 460-110867-22
 Client ID: EW12D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 16:04:30 ALS Bottle#: 18 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-22
 Misc. Info.: 460-0039013-025
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 22:20:32 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: desais

Date: 28-Mar-2016 09:39:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 1,1-Dichloroethene	96	3.011	2.992	0.019	94	5257	2.61	
19 Acetone	43	3.084	3.084	0.000	86	33468	33.9	
* 28 TBA-d9 (IS)	65	3.462	3.468	-0.006	0	212296	1000.0	
30 Methyl tert-butyl ether	73	3.627	3.620	0.007	16	934	0.1383	
35 1,1-Dichloroethane	63	4.017	4.004	0.013	84	1234	0.2599	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	290249	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	88	3713	1.67	
42 2-Butanone (MEK)	72	4.474	4.480	-0.006	95	726	2.79	
50 Cyclohexane	56	4.815	4.809	0.006	31	3628	0.9768	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	93	94172	50.7	
52 1,1,1-Trichloroethane	97	4.822	4.821	0.001	36	3762	1.36	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	147724	52.4	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	360563	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	93	18753	9.63	
* 70 1,4-Dioxane-d8	96	5.846	5.852	-0.006	0	14386	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	97	346101	50.0	
86 Tetrachloroethene	166	7.144	7.144	0.000	89	3003	2.13	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	236150	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	79943	49.3	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.006	96	123279	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Worklist Smp#: 25

Client ID: EW12D-CP-00-031716

Purge Vol: 5.000 mL

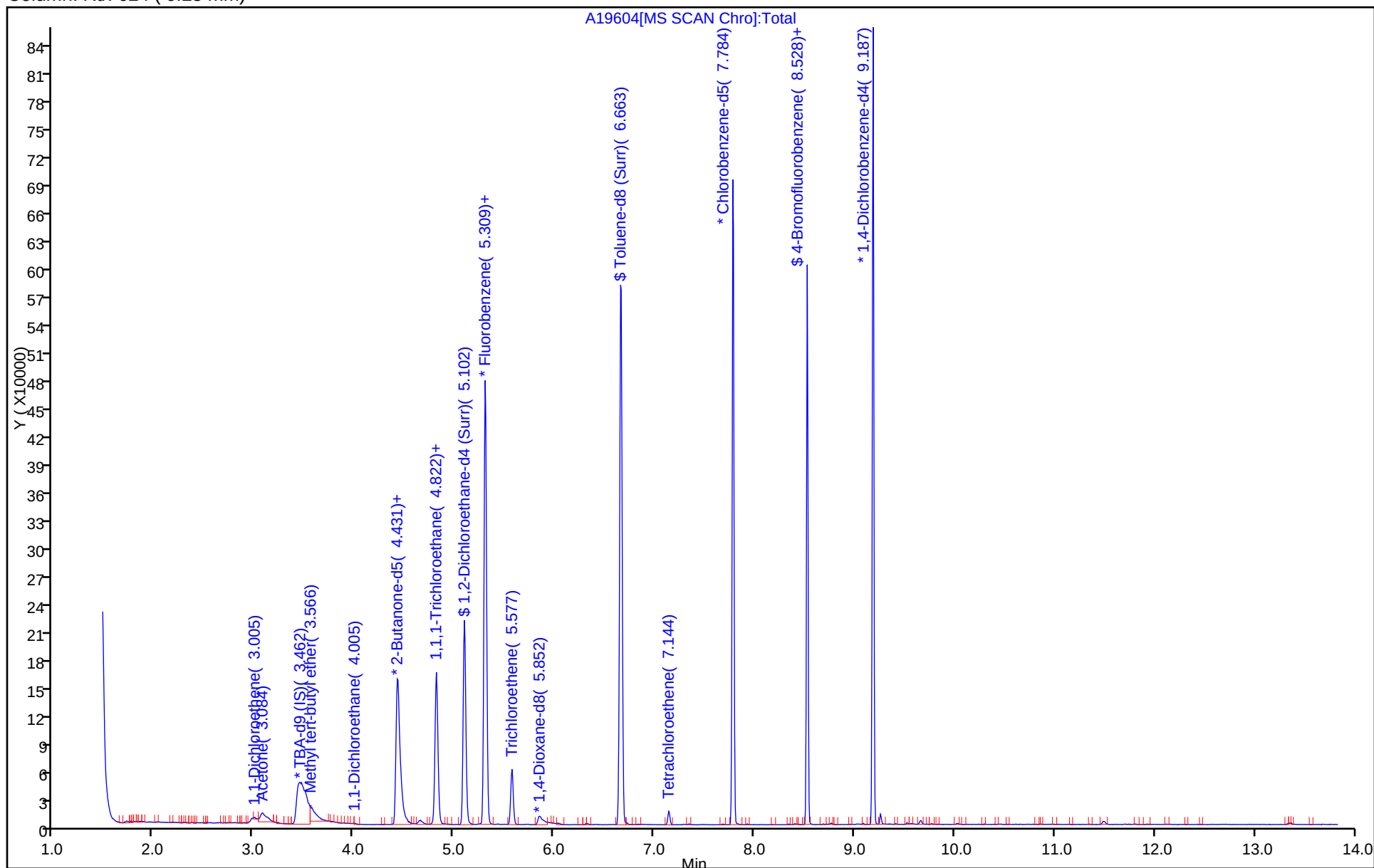
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18 Worklist Smp#: 25

Purge Vol: 5.000 mL

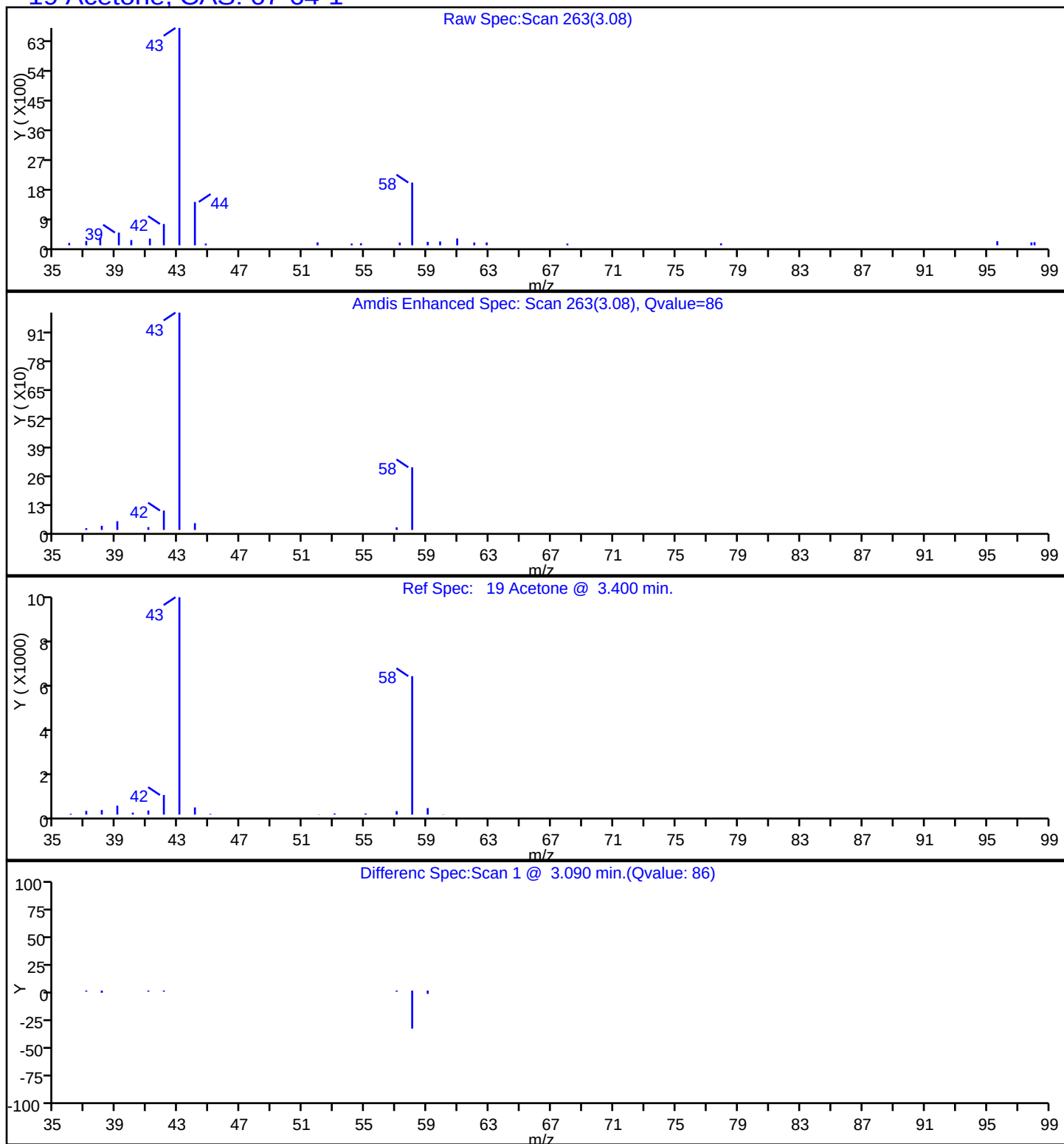
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18

Worklist Smp#: 25

Purge Vol: 5.000 mL

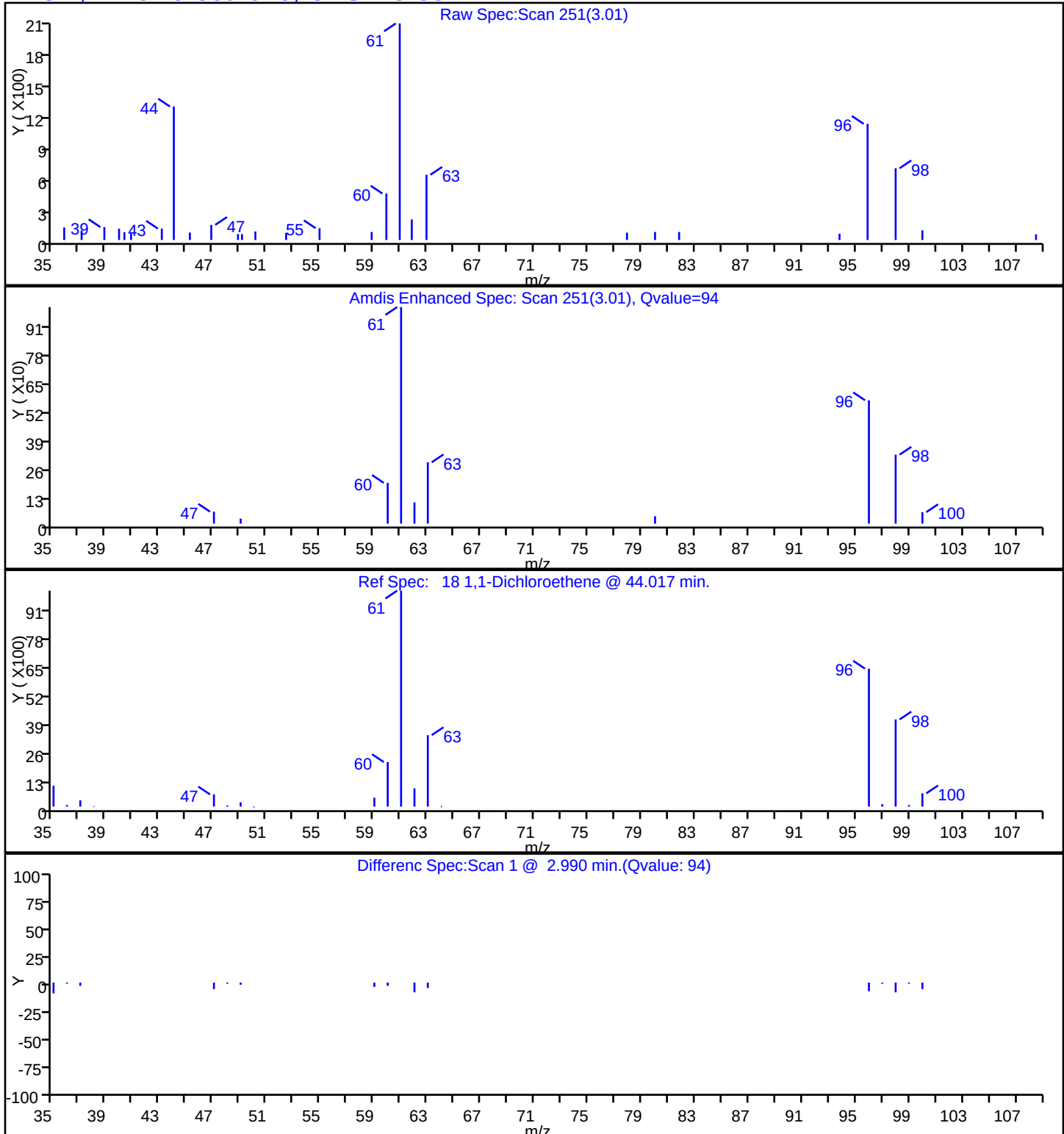
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

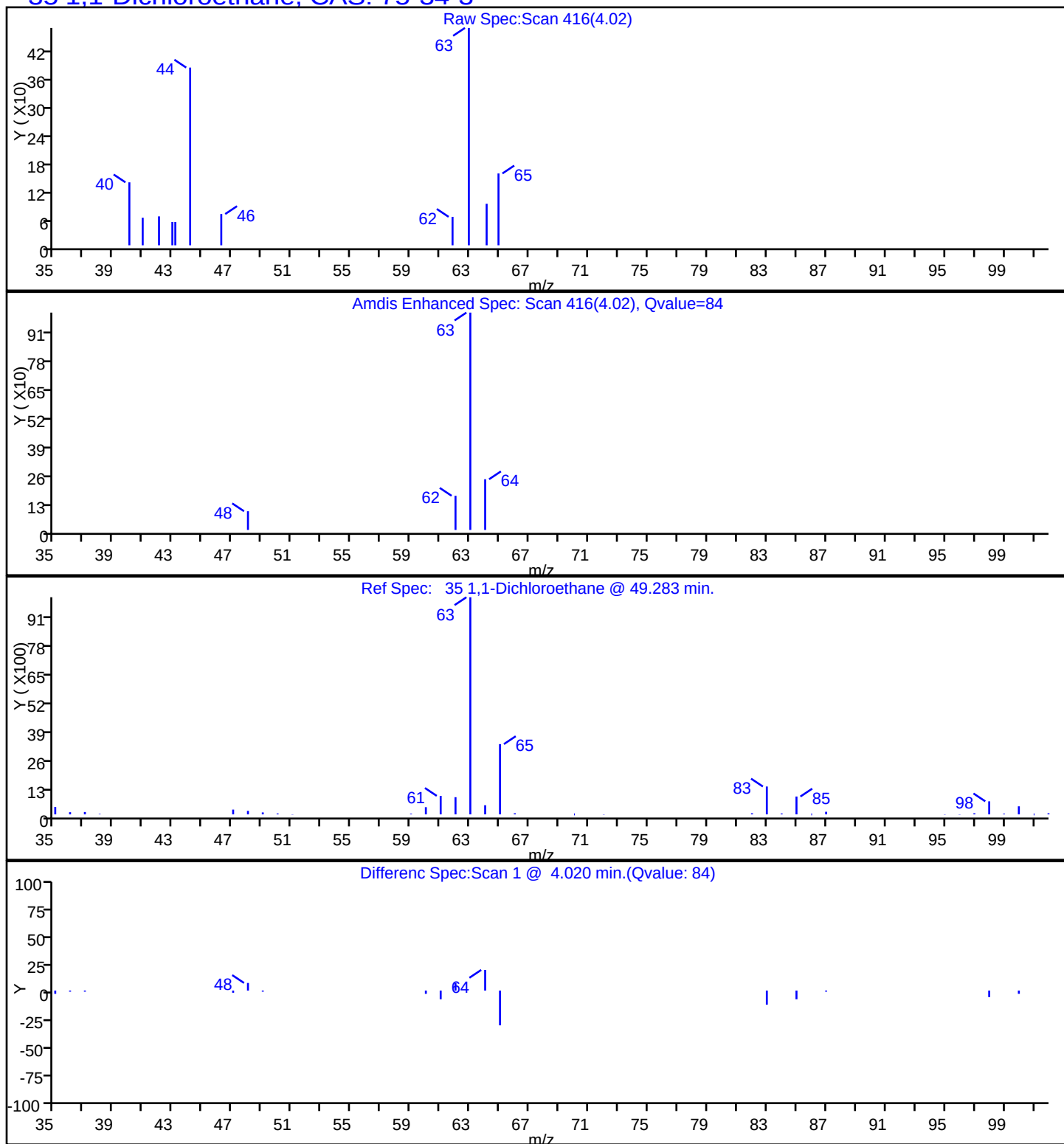
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18

Worklist Smp#: 25

Purge Vol: 5.000 mL

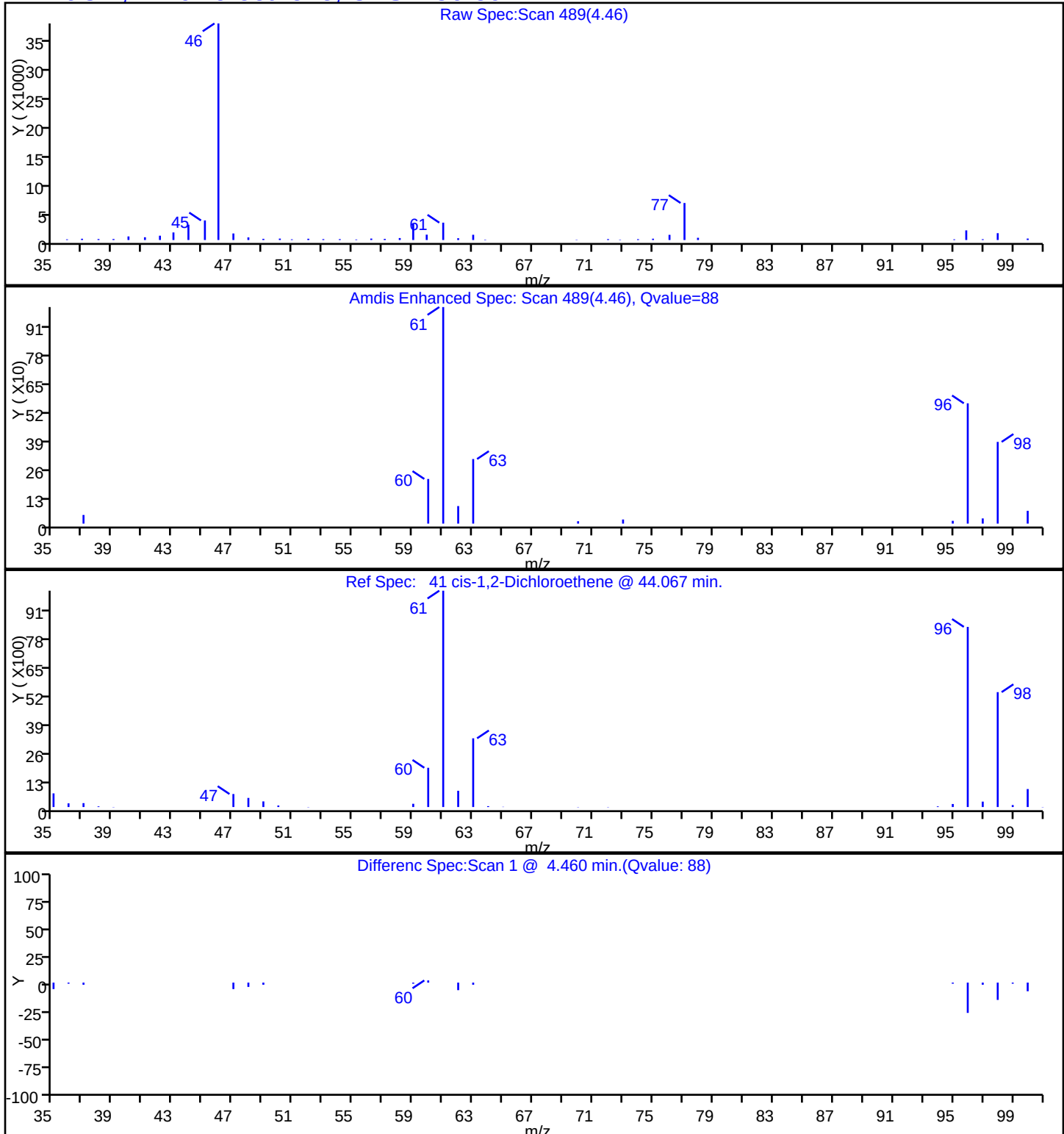
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18

Worklist Smp#: 25

Purge Vol: 5.000 mL

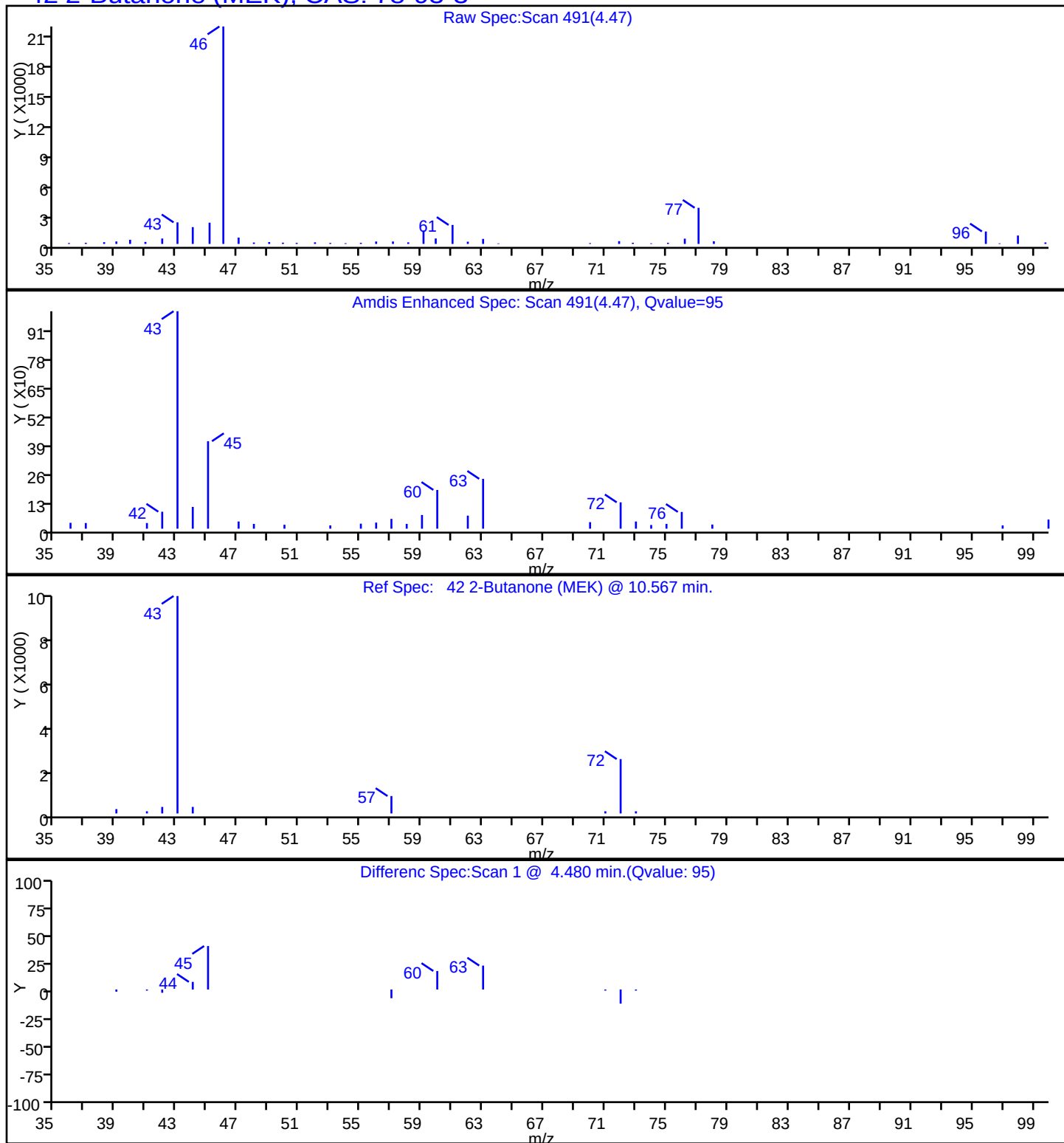
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK), CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18

Worklist Smp#: 25

Purge Vol: 5.000 mL

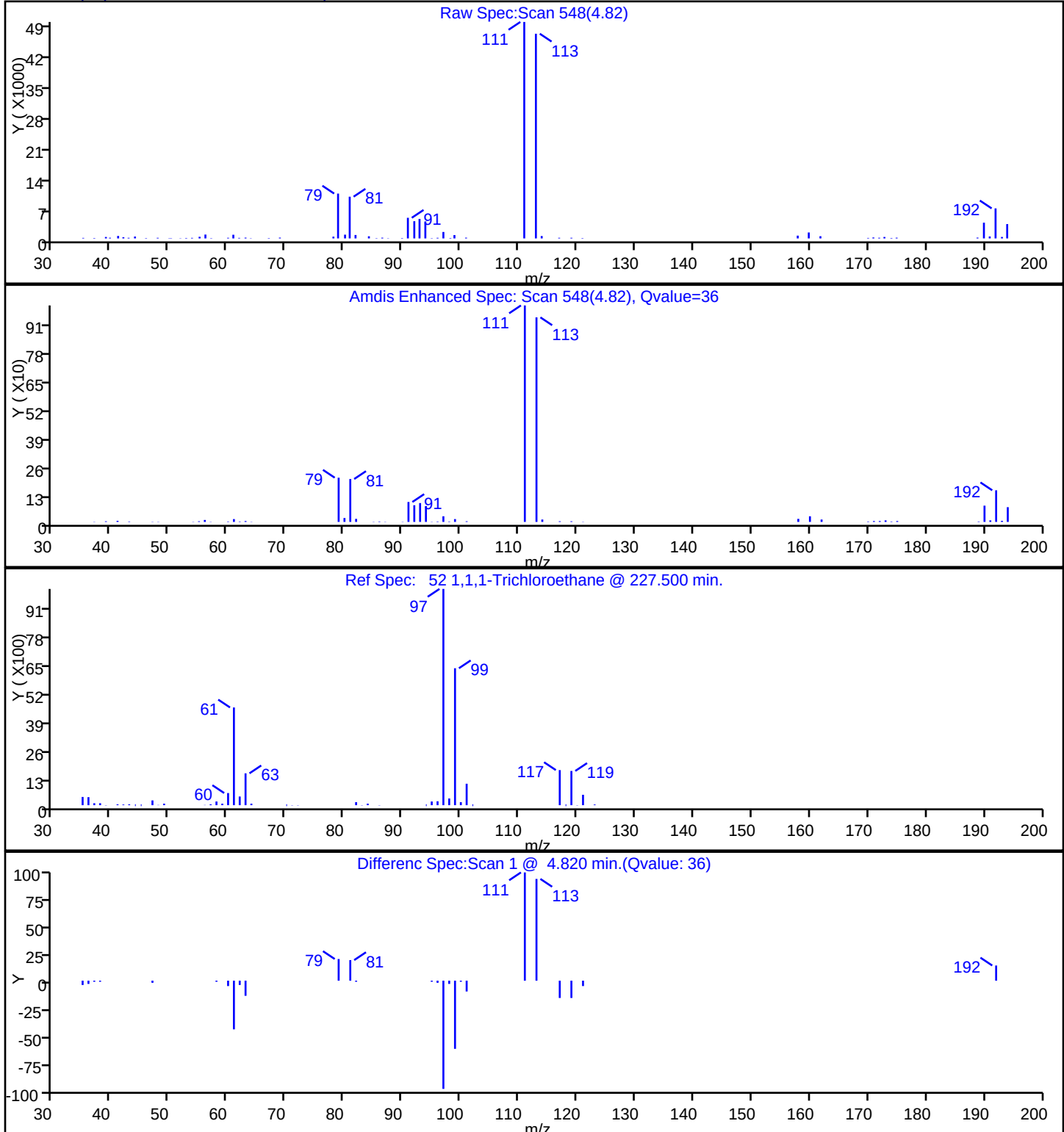
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18 Worklist Smp#: 25

Purge Vol: 5.000 mL

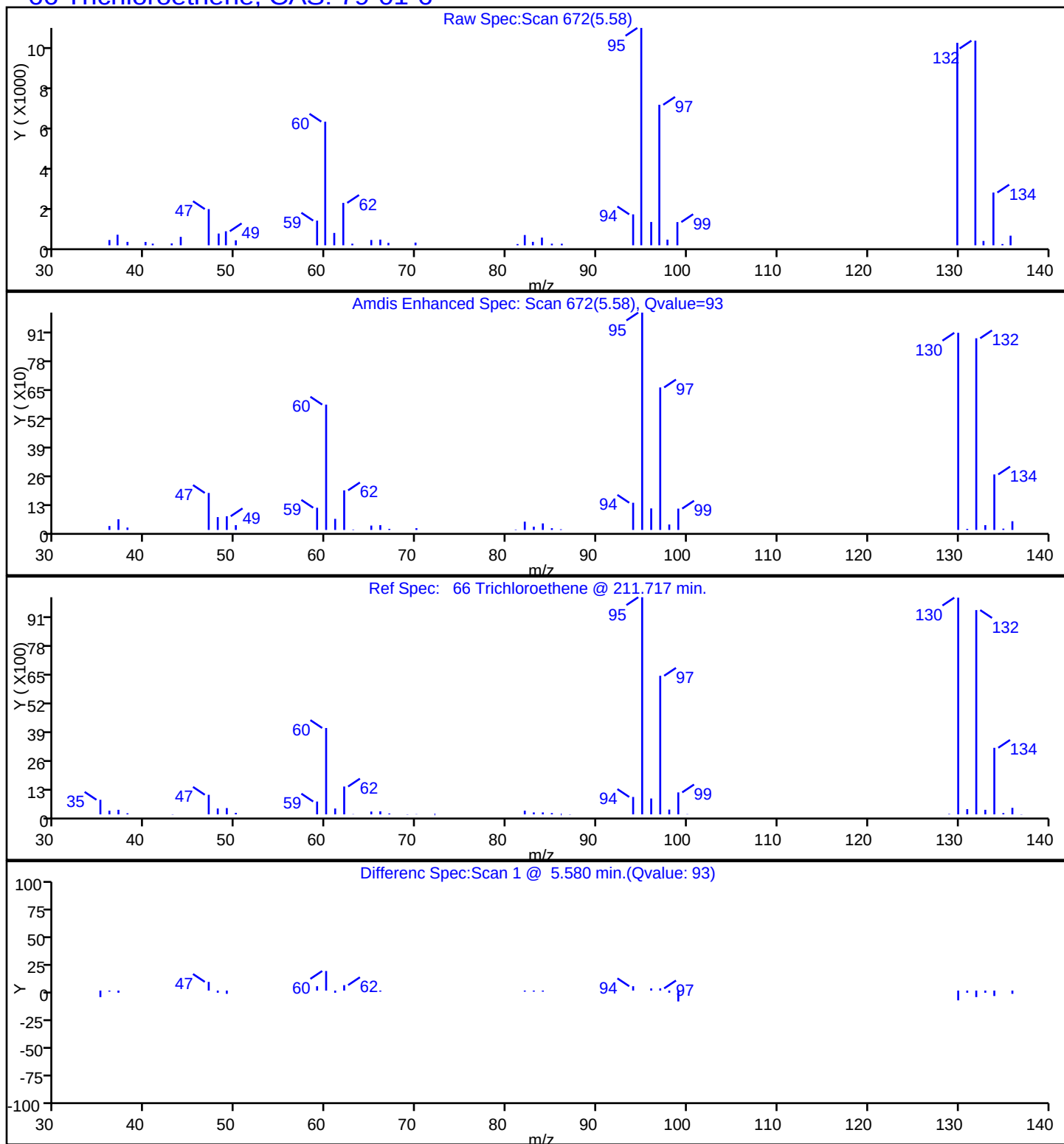
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18

Worklist Smp#: 25

Purge Vol: 5.000 mL

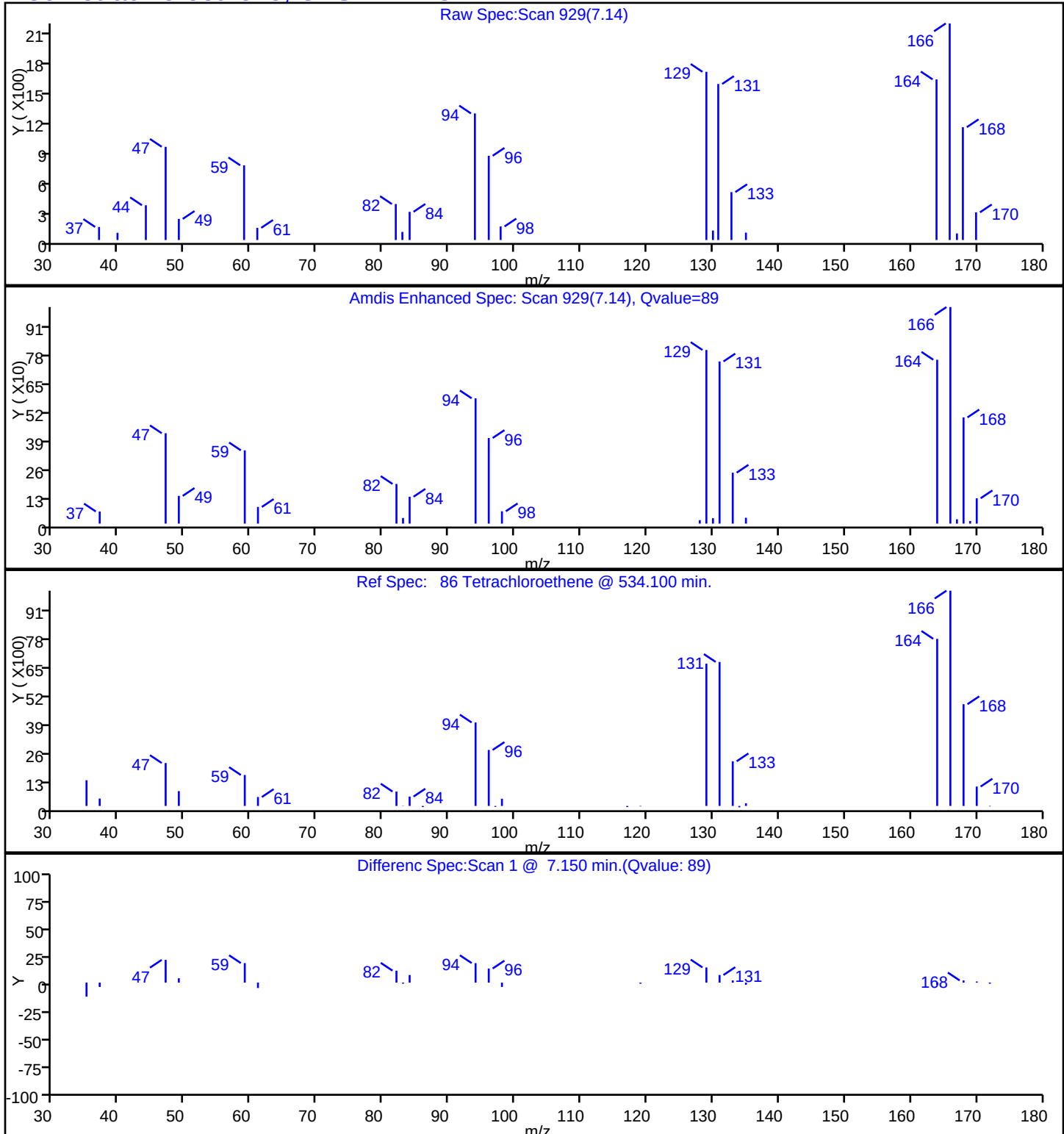
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18

Worklist Smp#: 25

Purge Vol: 5.000 mL

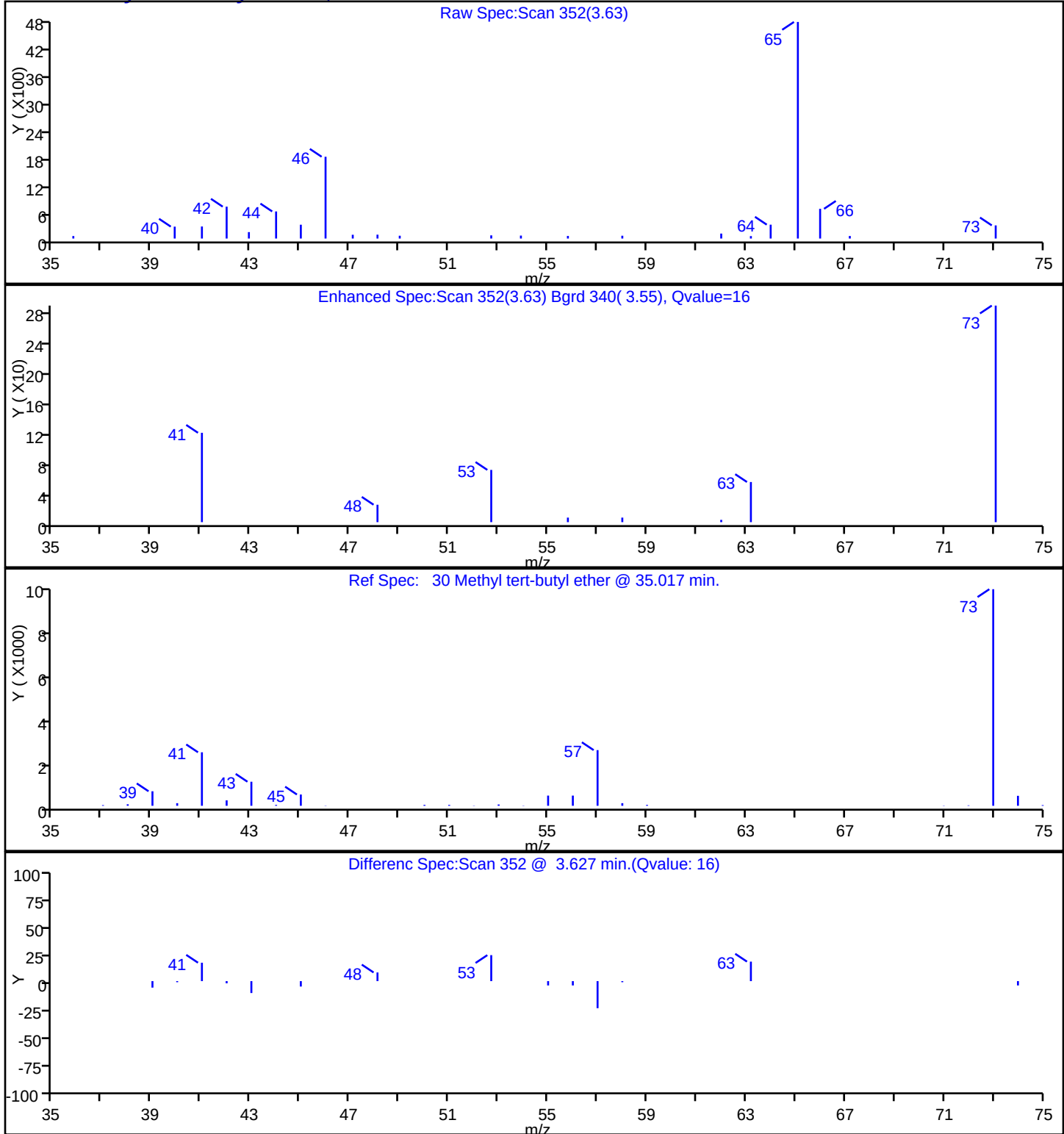
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

30 Methyl tert-butyl ether, CAS: 1634-04-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19604.D

Injection Date: 26-Mar-2016 16:04:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-22

Lab Sample ID: 460-110867-22

Client ID: EW12D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

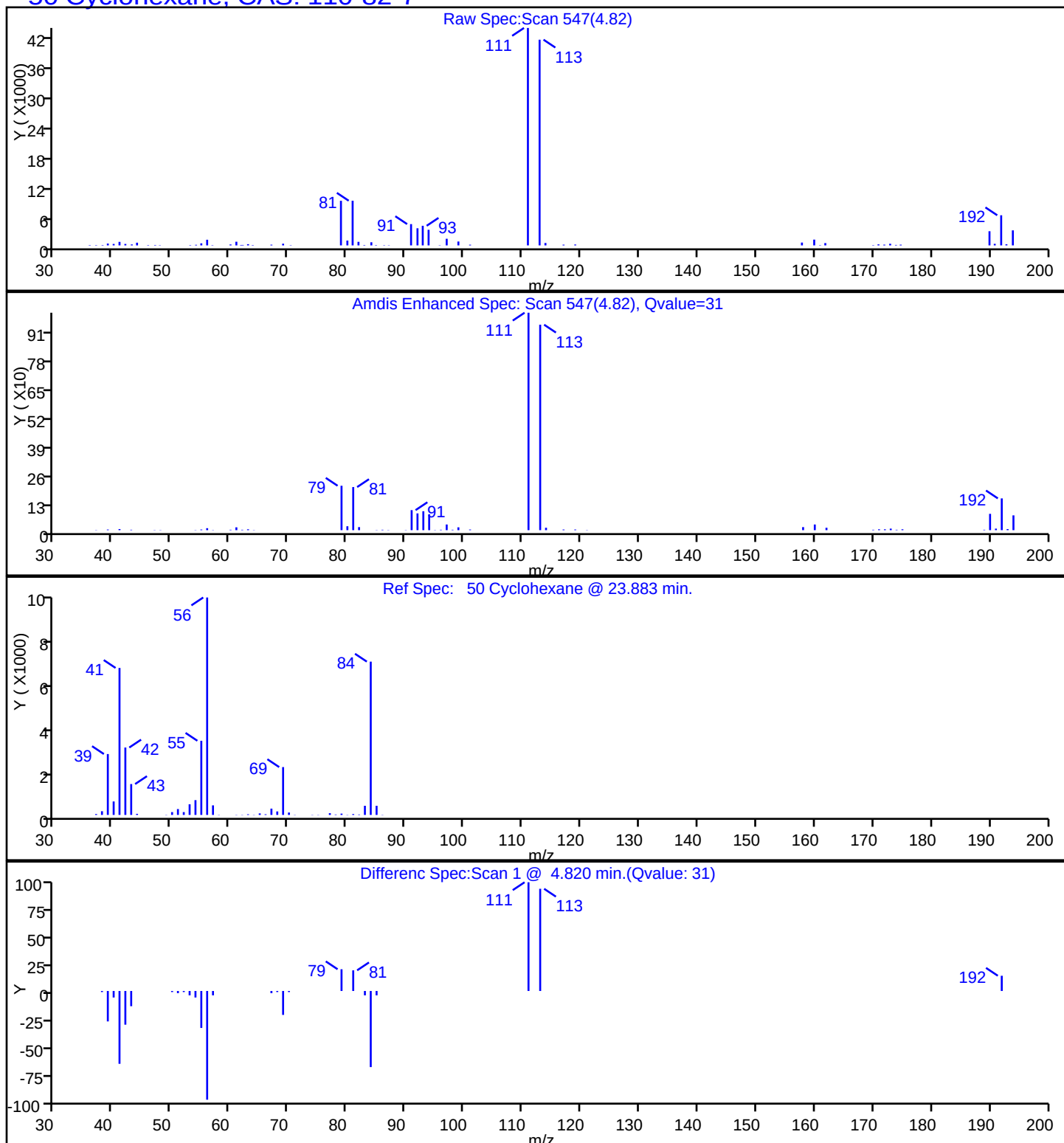
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW14D-CP-00-031716</u>	Lab Sample ID: <u>460-110867-23</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19605.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 13:17</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/26/2016 16:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	22		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	14		1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.1		1.0	0.26
67-66-3	Chloroform	0.69	J	1.0	0.22
107-06-2	1,2-Dichloroethane	3.9		1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	15		1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	150		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	0.31	J	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	0.19	J	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	2.5		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW14D-CP-00-031716 Lab Sample ID: 460-110867-23
 Matrix: Water Lab File ID: A19605.D
 Analysis Method: 8260C Date Collected: 03/15/2016 13:17
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.89	J	1.0	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.58	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	98		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D
 Lims ID: 460-110867-A-23 Lab Sample ID: 460-110867-23
 Client ID: EW14D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 16:25:30 ALS Bottle#: 19 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-23
 Misc. Info.: 460-0039013-026
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:40:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1,2-Trichloro-1,2,2-trif	101	2.999	2.974	0.025	38	663	0.8885	
18 1,1-Dichloroethene	96	2.999	2.992	0.007	95	28249	14.2	
19 Acetone	43	3.072	3.084	-0.012	86	20939	22.0	
* 28 TBA-d9 (IS)	65	3.438	3.468	-0.030	0	194512	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	279636	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	91	2452	1.12	
49 Chloroform	83	4.687	4.693	-0.006	93	2548	0.6942	
50 Cyclohexane	56	4.803	4.809	-0.006	33	2143	0.5845	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	93713	51.1	
52 1,1,1-Trichloroethane	97	4.821	4.821	0.000	52	41463	15.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	145671	52.3	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	97	12175	3.85	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	355938	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	92	283987	147.7	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	13213	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	97	343132	49.7	
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	92	477	0.3064	
86 Tetrachloroethene	166	7.150	7.144	0.006	87	3509	2.49	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	235571	50.0	
101 Bromoform	173	8.339	8.345	-0.006	82	171	0.1911	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	79073	48.9	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	97	121521	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Worklist Smp#: 26

Client ID: EW14D-CP-00-031716

Purge Vol: 5.000 mL

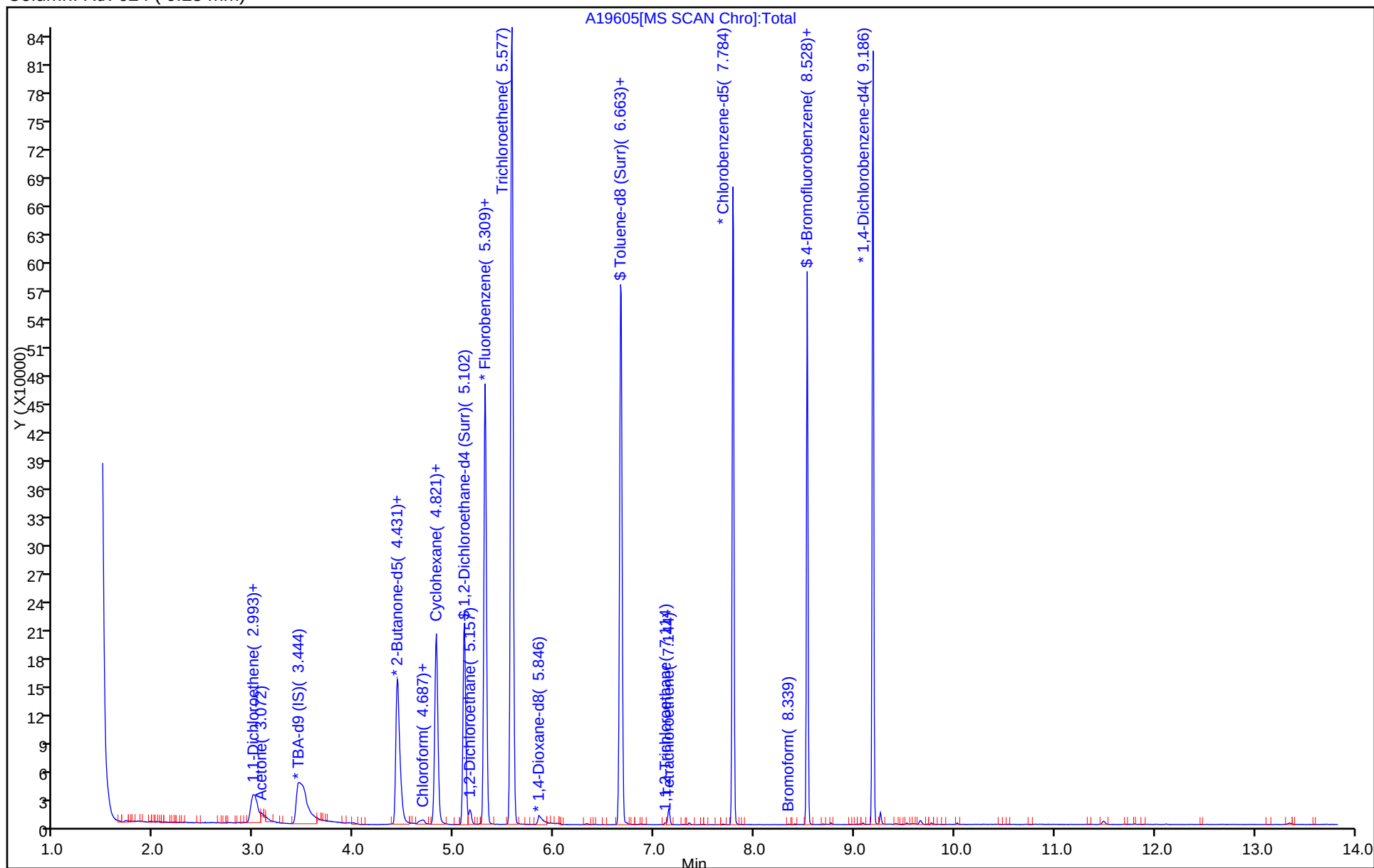
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 26

Purge Vol: 5.000 mL

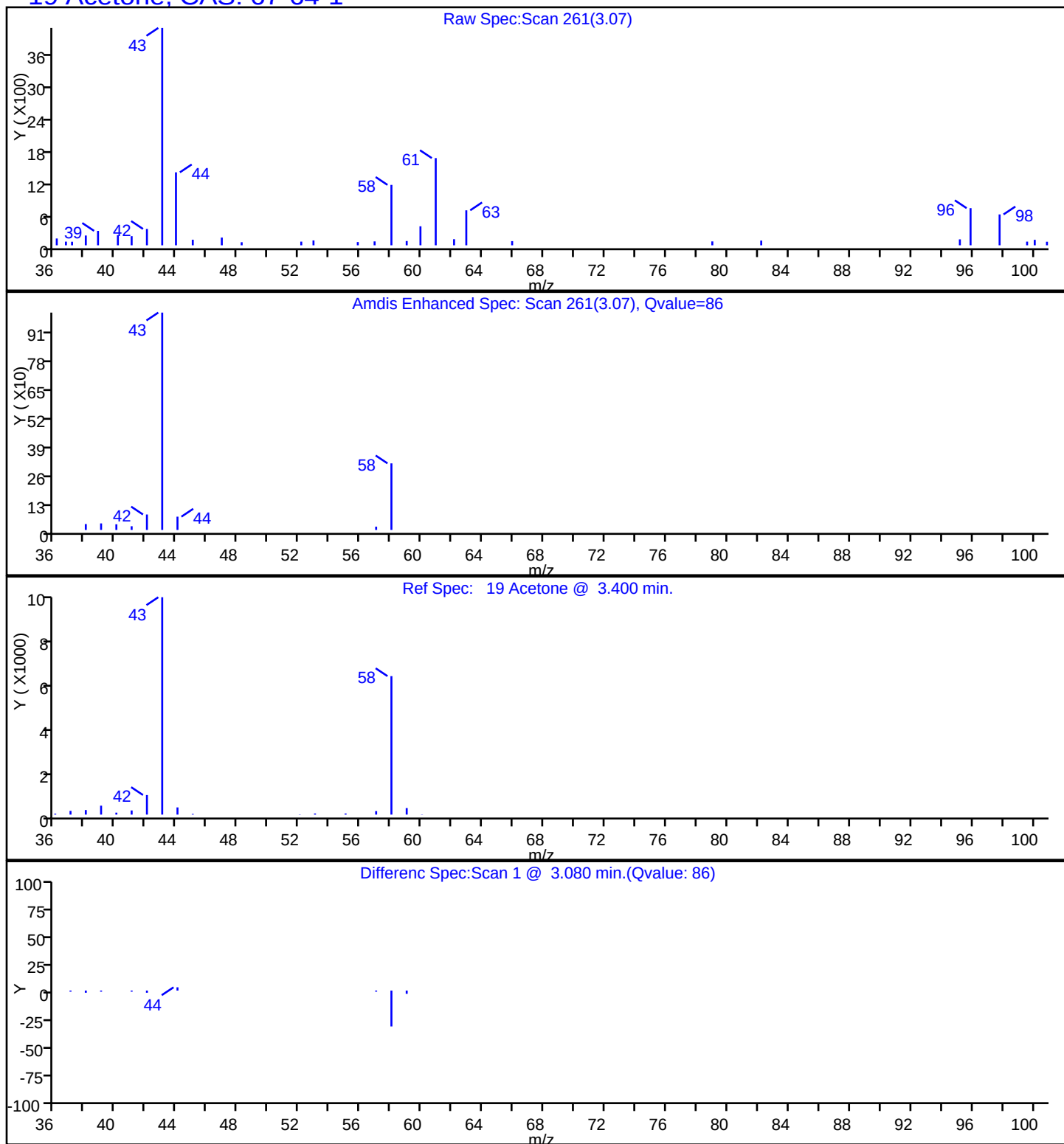
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 26

Purge Vol: 5.000 mL

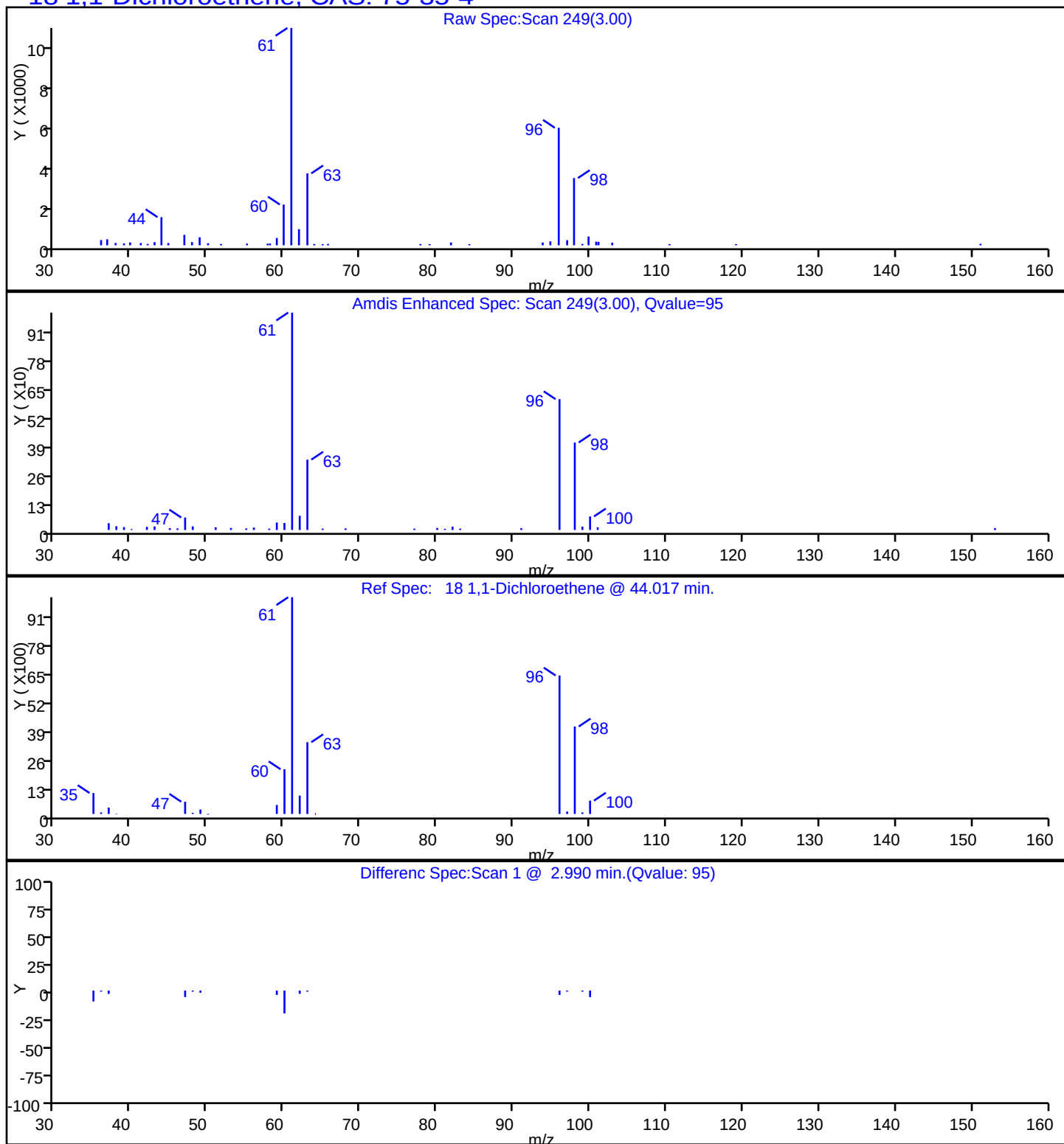
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

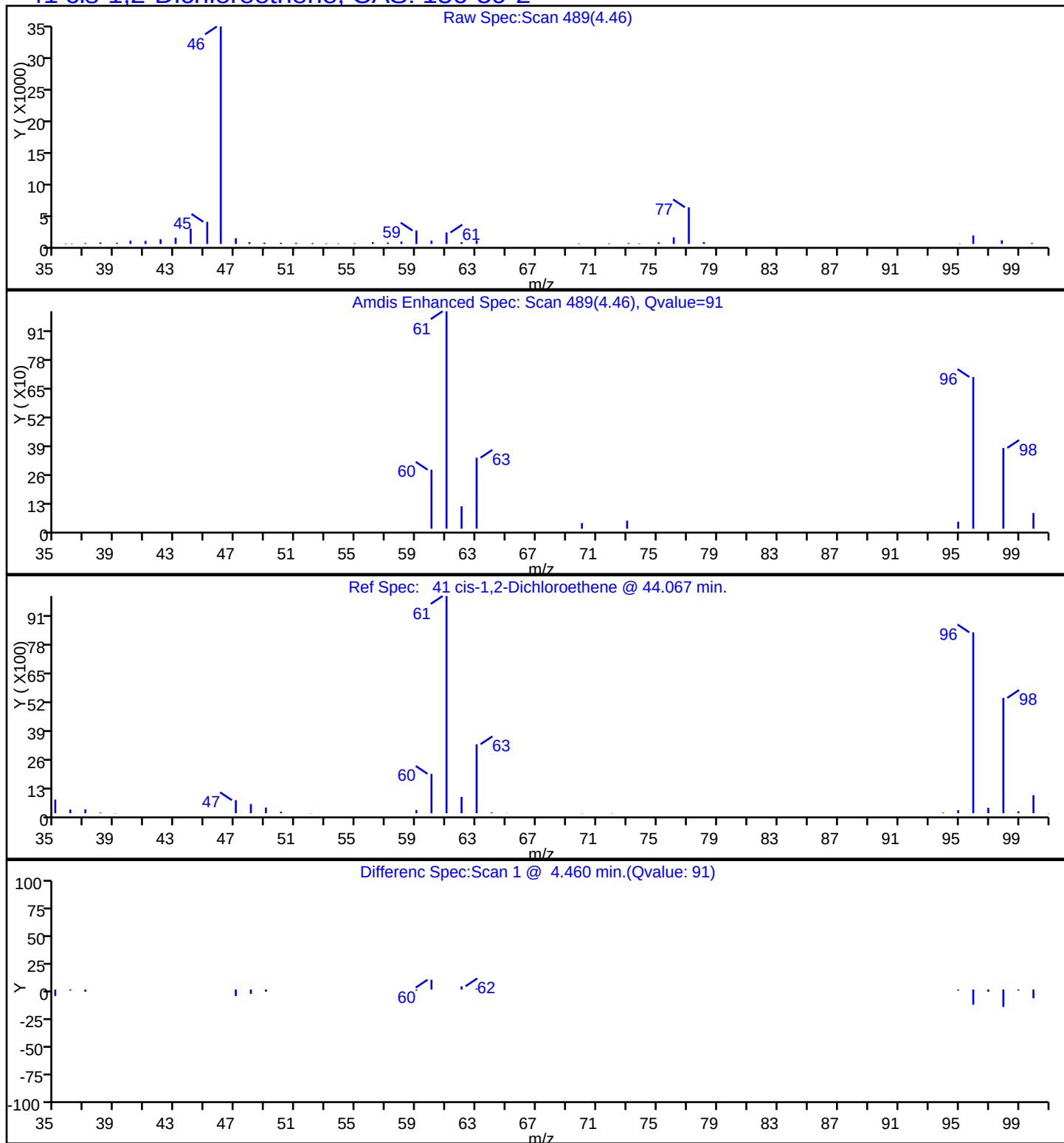
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

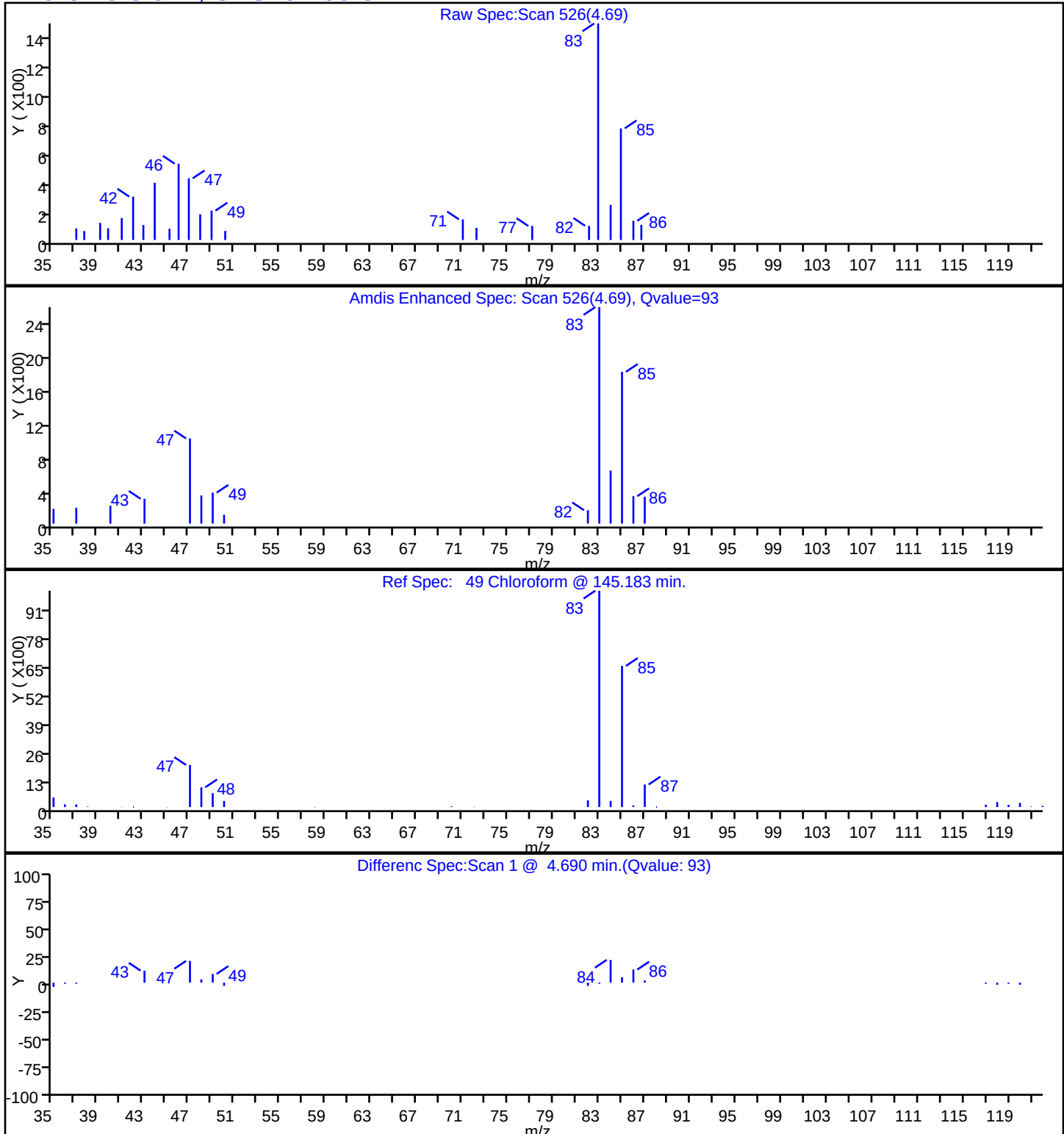
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

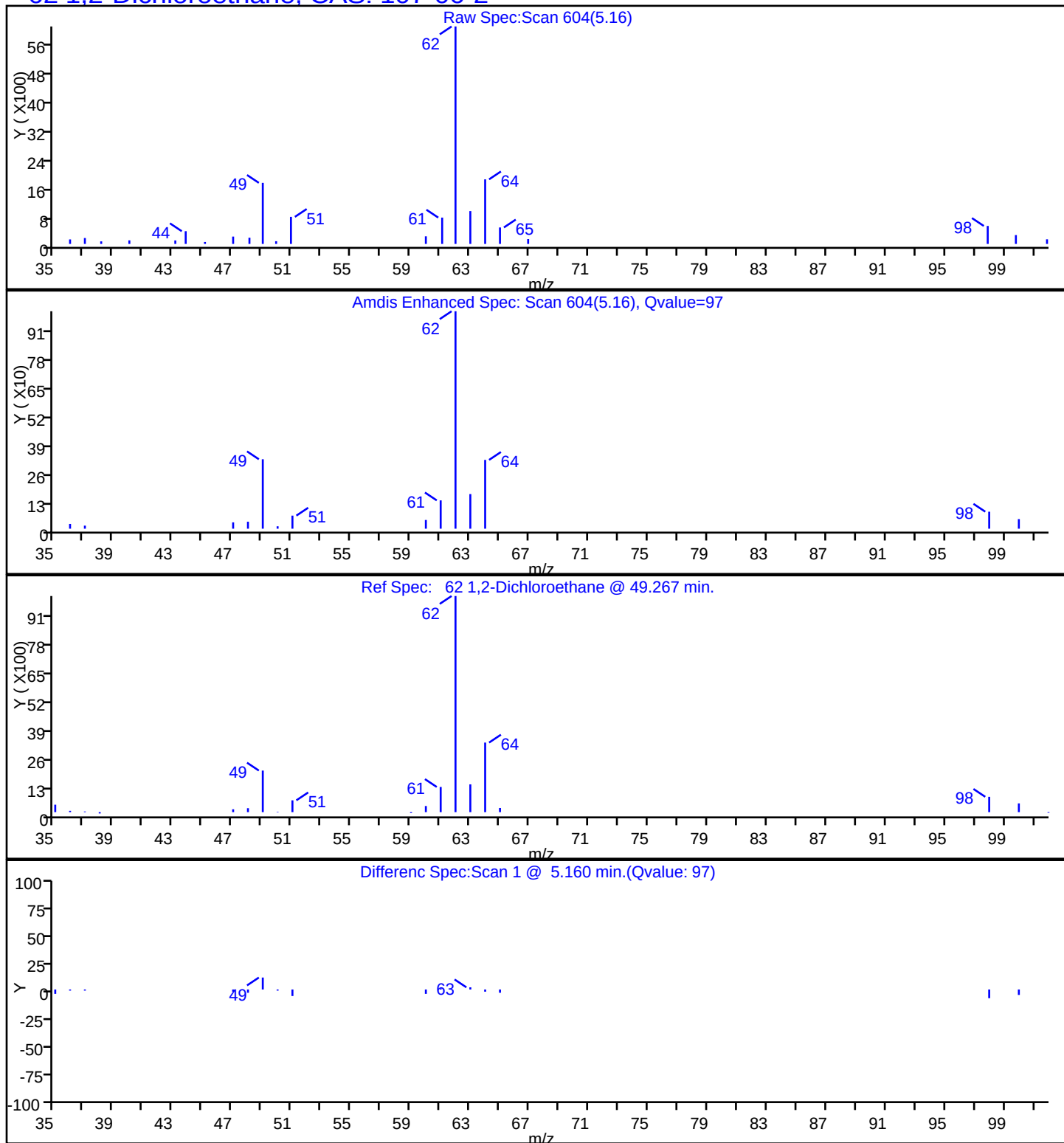
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

62 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

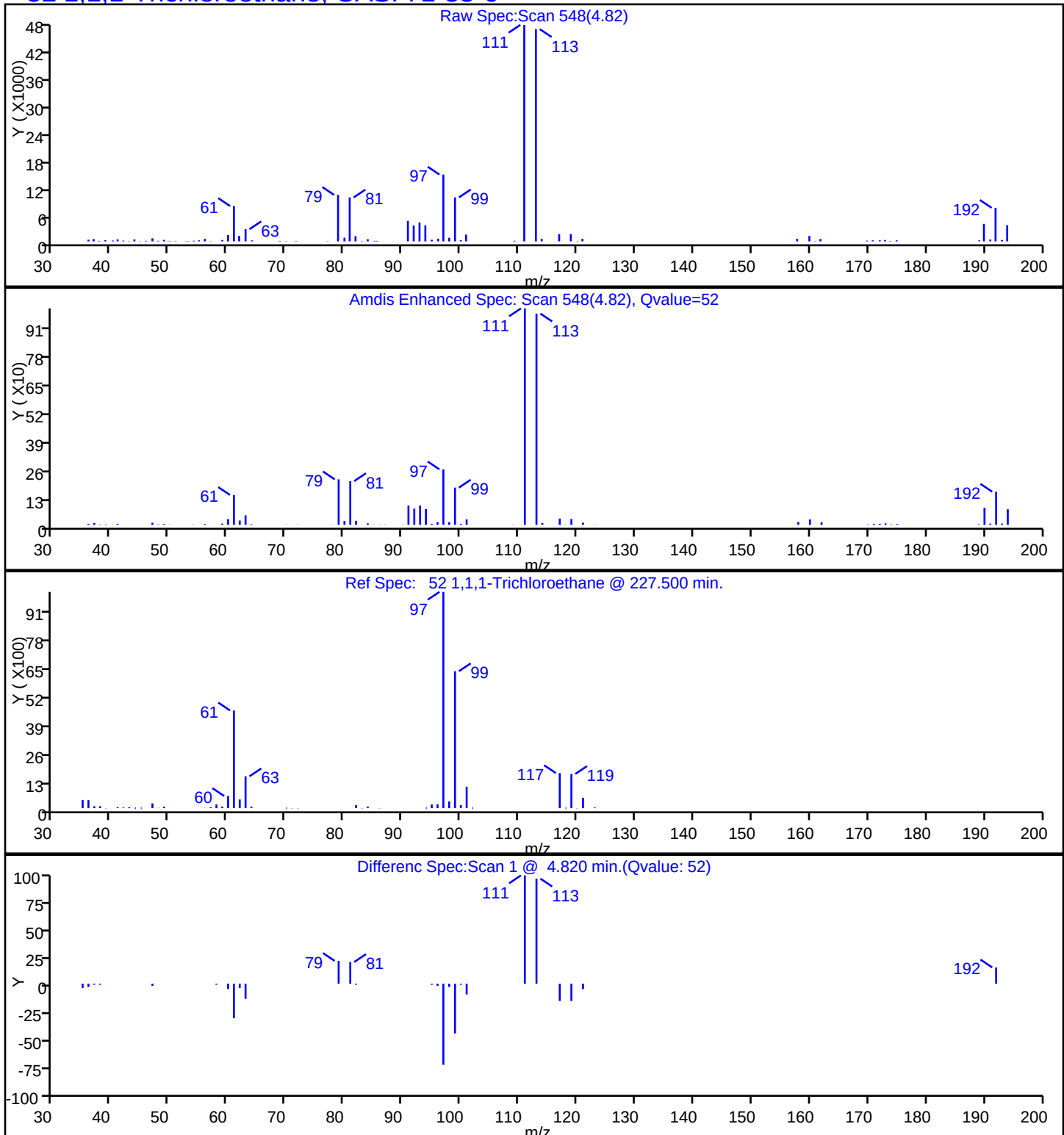
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

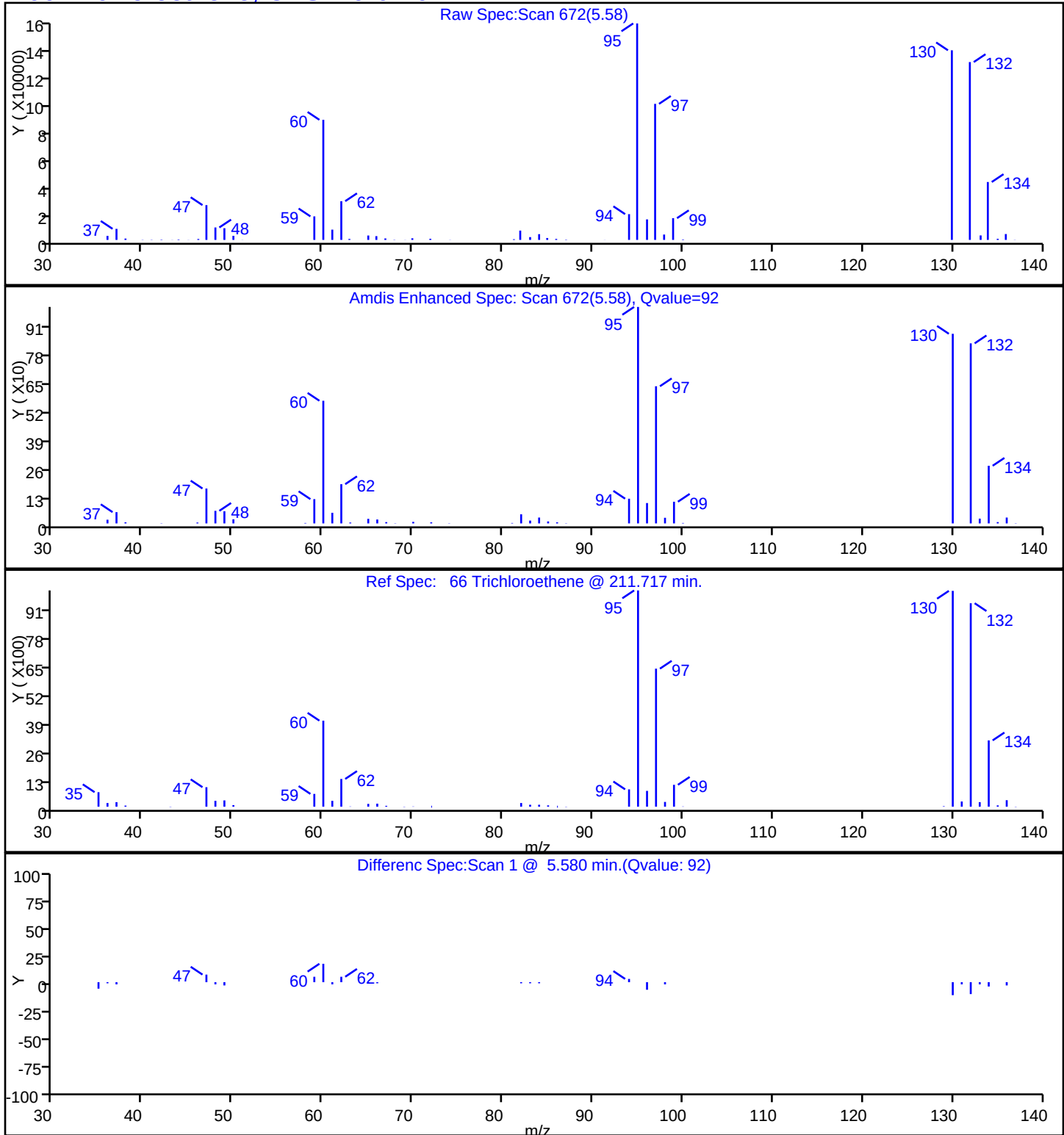
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

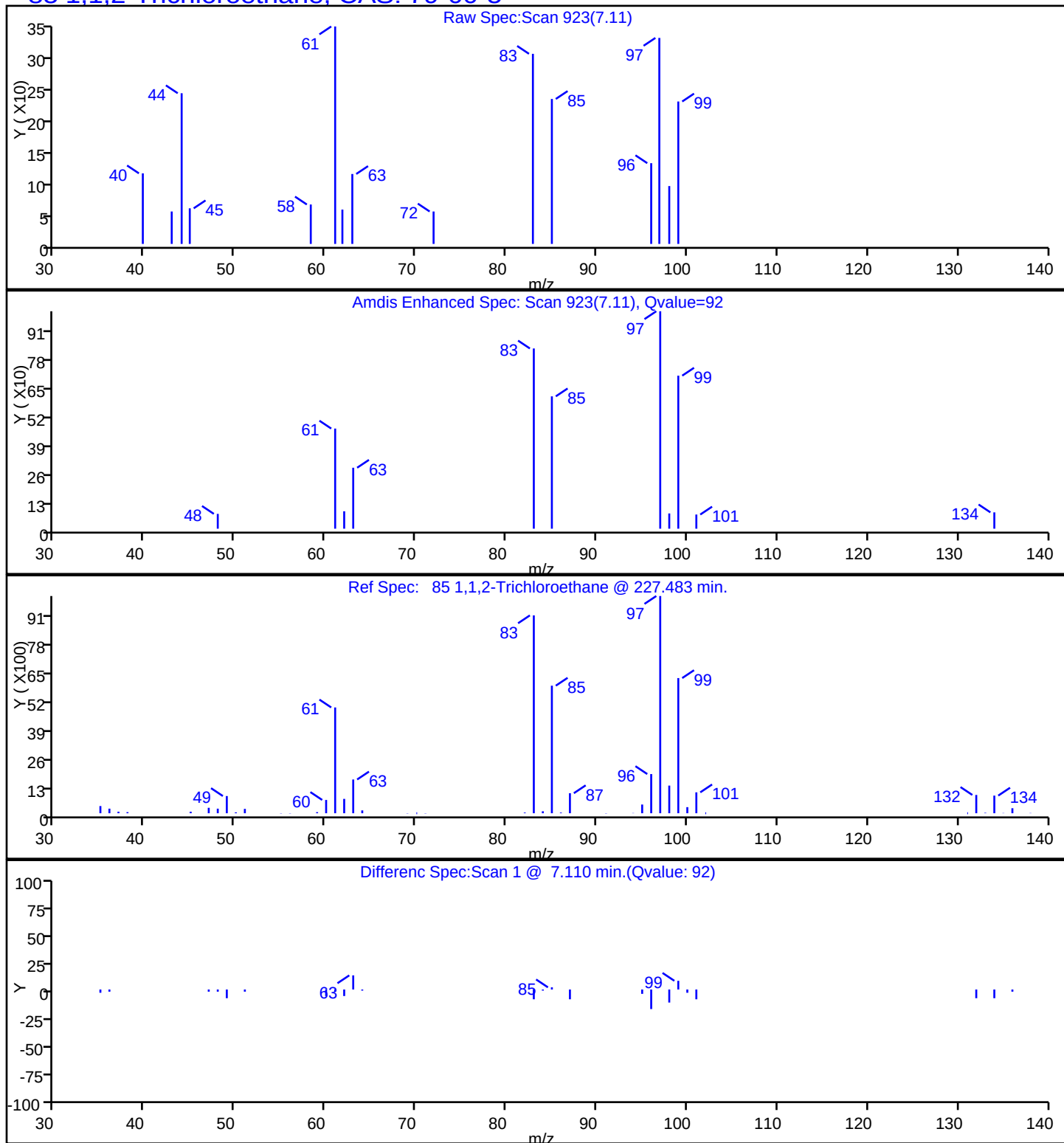
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 26

Purge Vol: 5.000 mL

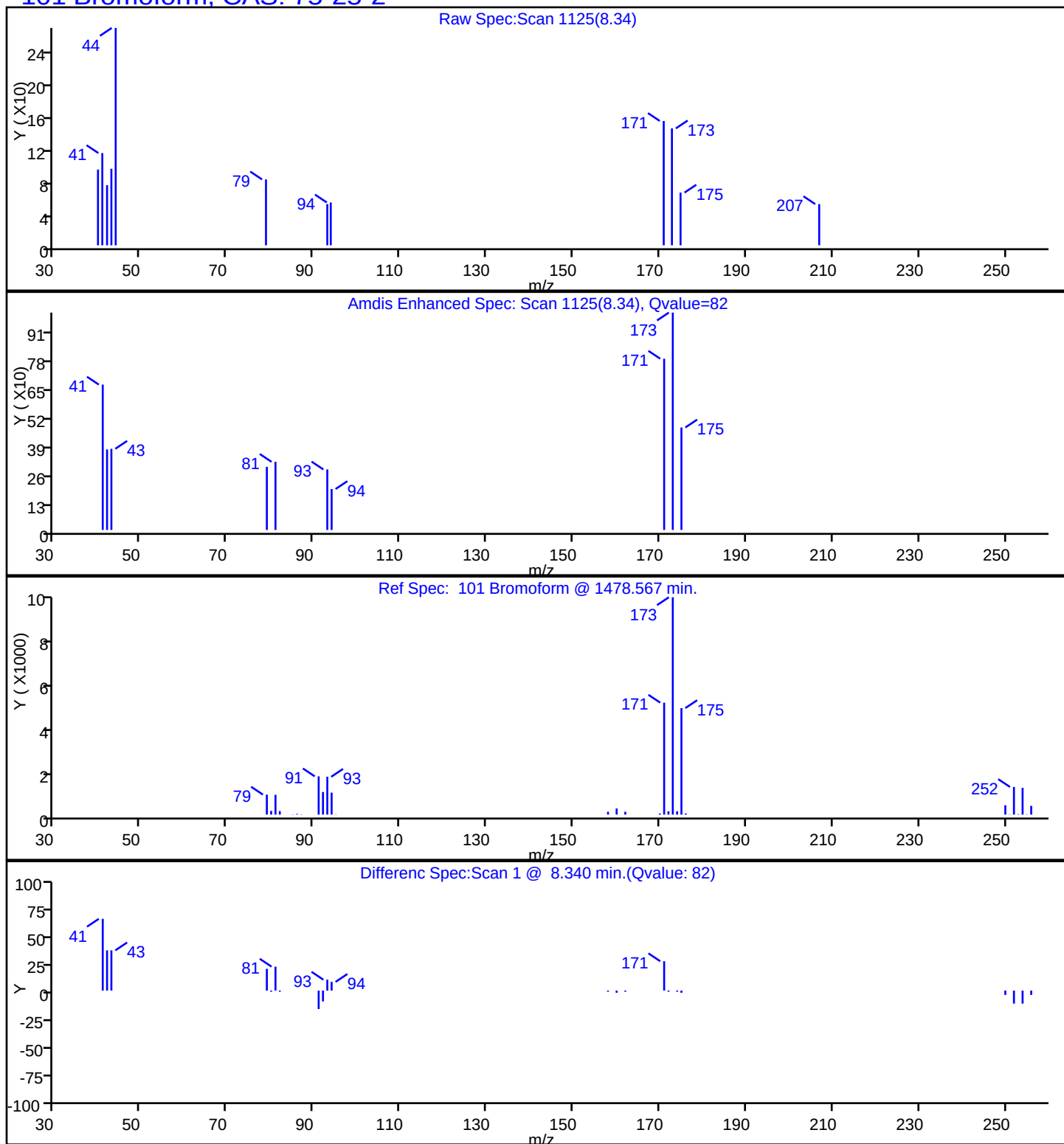
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

101 Bromoform, CAS: 75-25-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

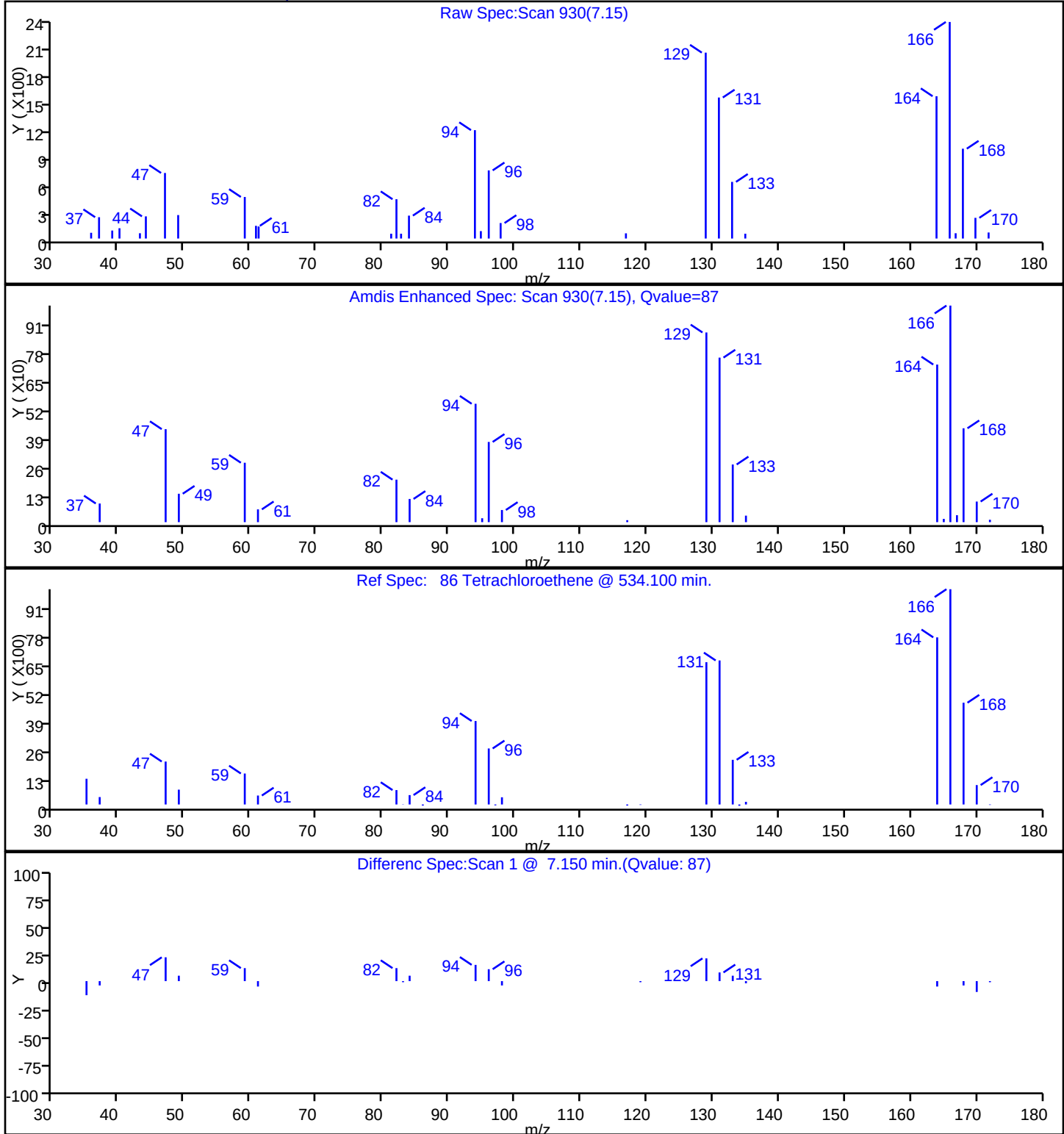
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

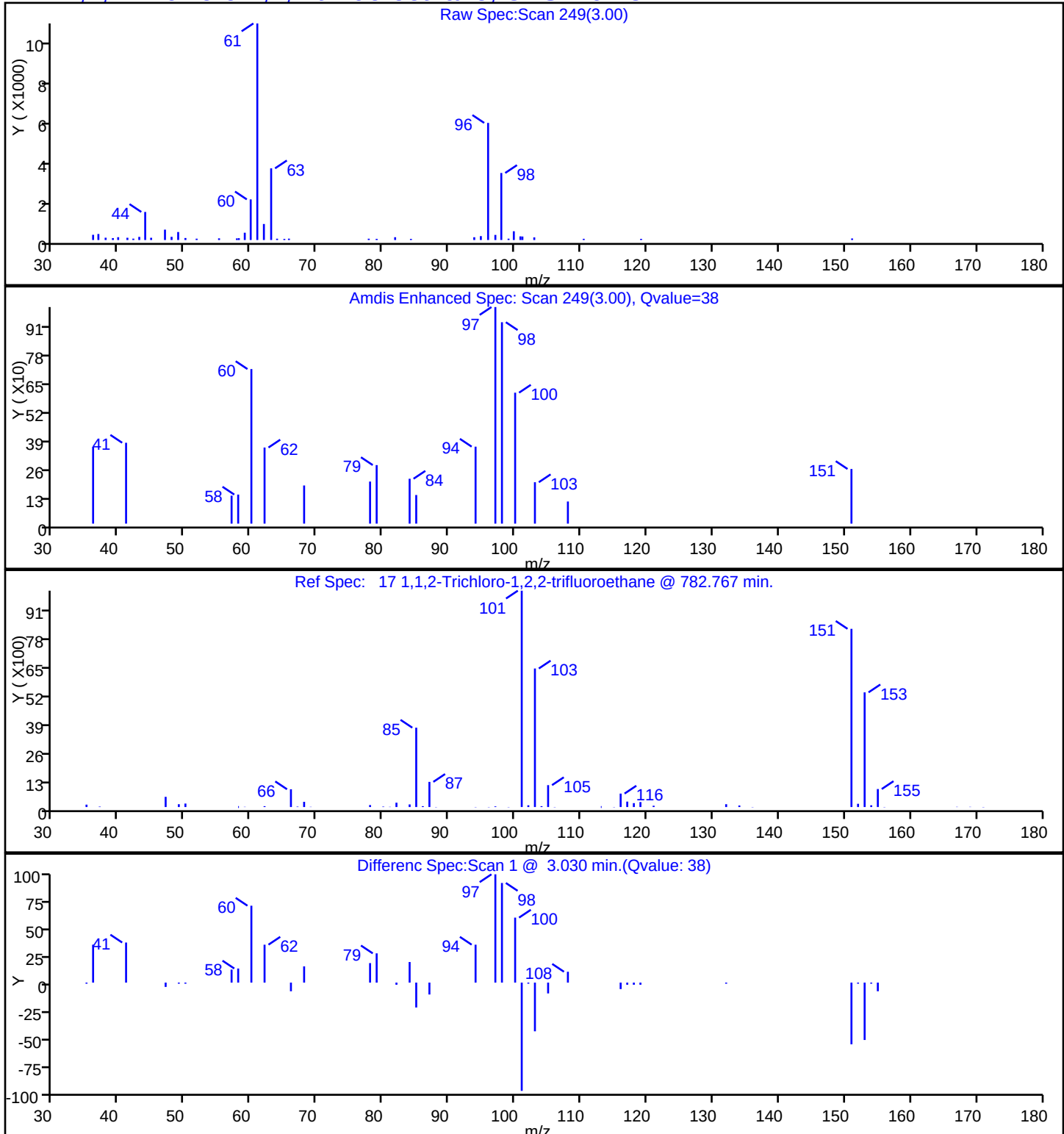
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19605.D

Injection Date: 26-Mar-2016 16:25:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-23

Lab Sample ID: 460-110867-23

Client ID: EW14D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 26

Purge Vol: 5.000 mL

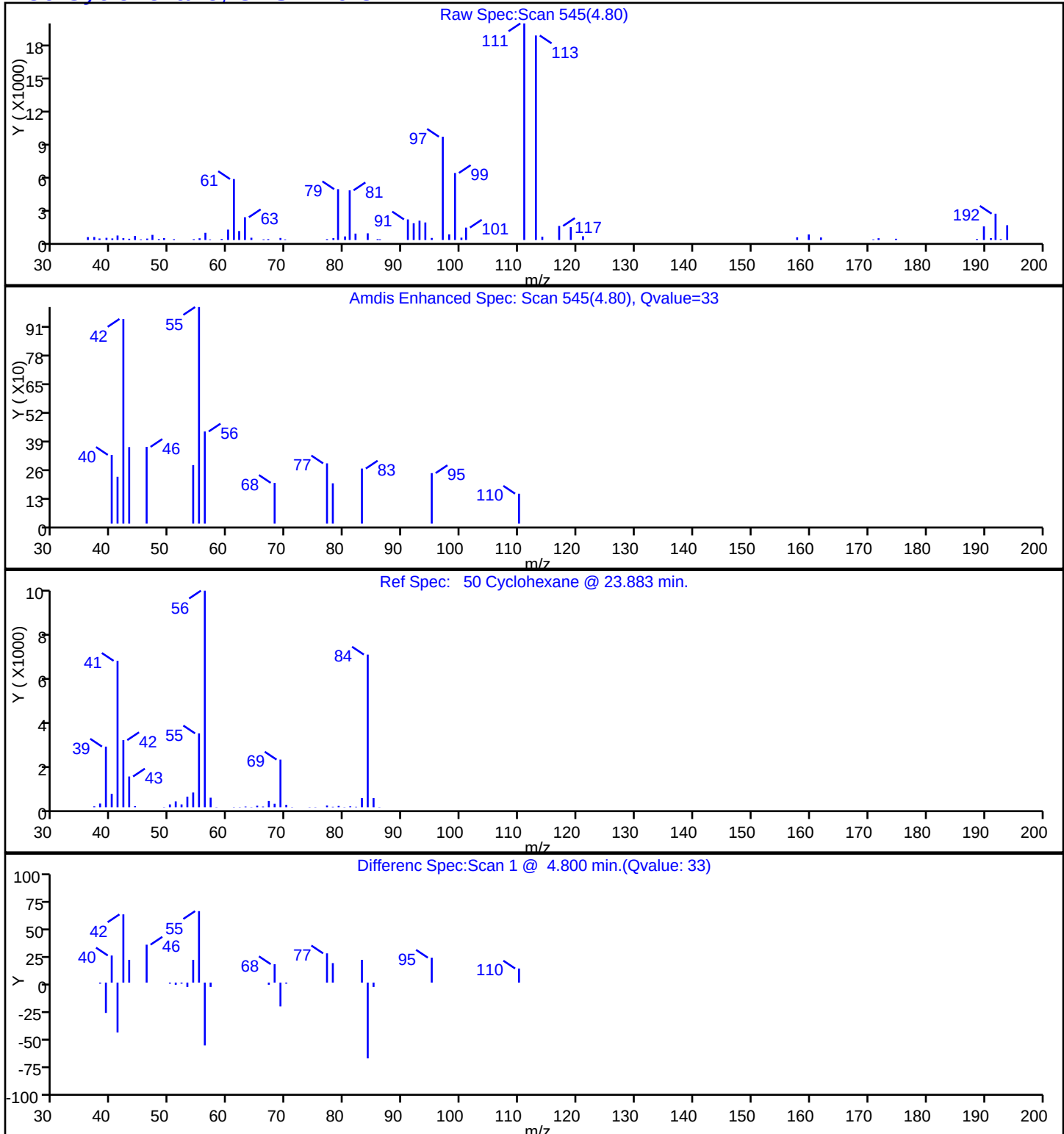
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>MW08A-CP-00-031716</u>	Lab Sample ID: <u>460-110867-24</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19651.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:34</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 14:51</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	24		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	0.32	J	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	5.2		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: MW08A-CP-00-031716 Lab Sample ID: 460-110867-24
 Matrix: Water Lab File ID: A19651.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:34
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 14:51
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.28	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		70-137
2037-26-5	Toluene-d8 (Surr)	75		74-120
460-00-4	4-Bromofluorobenzene	75		70-131
1868-53-7	Dibromofluoromethane (Surr)	78		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19651.D
 Lims ID: 460-110867-A-24 Lab Sample ID: 460-110867-24
 Client ID: MW08A-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 14:51:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-24
 Misc. Info.: 460-0039079-017
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:32:04 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:15:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.078	3.078	0.000	85	23120	24.0	
* 28 TBA-d9 (IS)	65	3.450	3.456	-0.006	0	222144	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	283738	250.0	
50 Cyclohexane	56	4.809	4.803	0.006	32	1082	0.2813	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	74687	38.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	111607	38.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	373357	50.0	
66 Trichloroethene	95	5.584	5.571	0.013	89	645	0.3198	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15678	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	268310	37.4	
86 Tetrachloroethene	166	7.150	7.144	0.006	90	7650	5.23	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	244603	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	80	63359	37.7	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.193	-0.013	96	129121	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19651.D

Injection Date: 28-Mar-2016 14:51:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-24

Lab Sample ID: 460-110867-24

Worklist Smp#: 17

Client ID: MW08A-CP-00-031716

Purge Vol: 5.000 mL

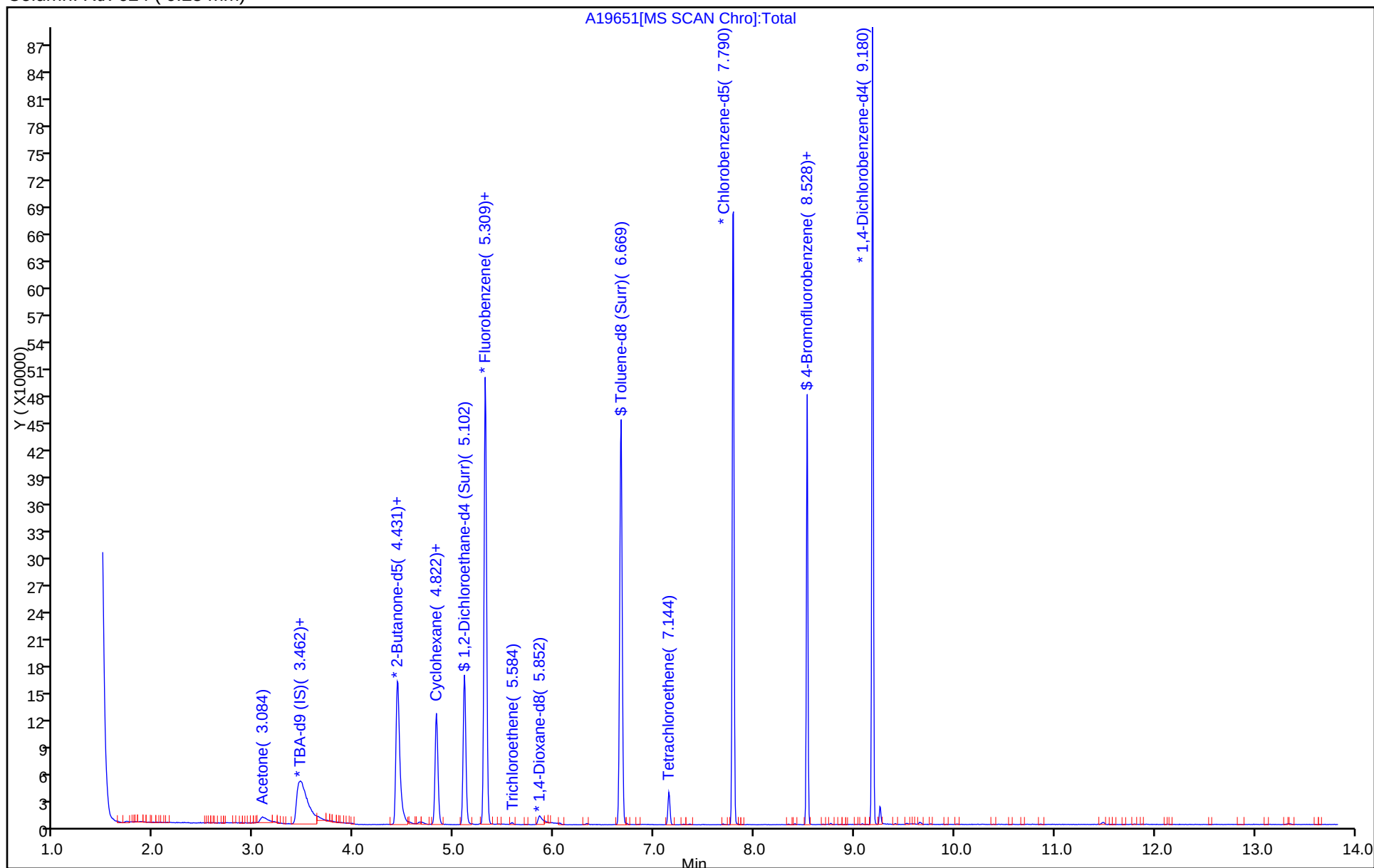
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19651.D

Injection Date: 28-Mar-2016 14:51:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-24

Lab Sample ID: 460-110867-24

Client ID: MW08A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

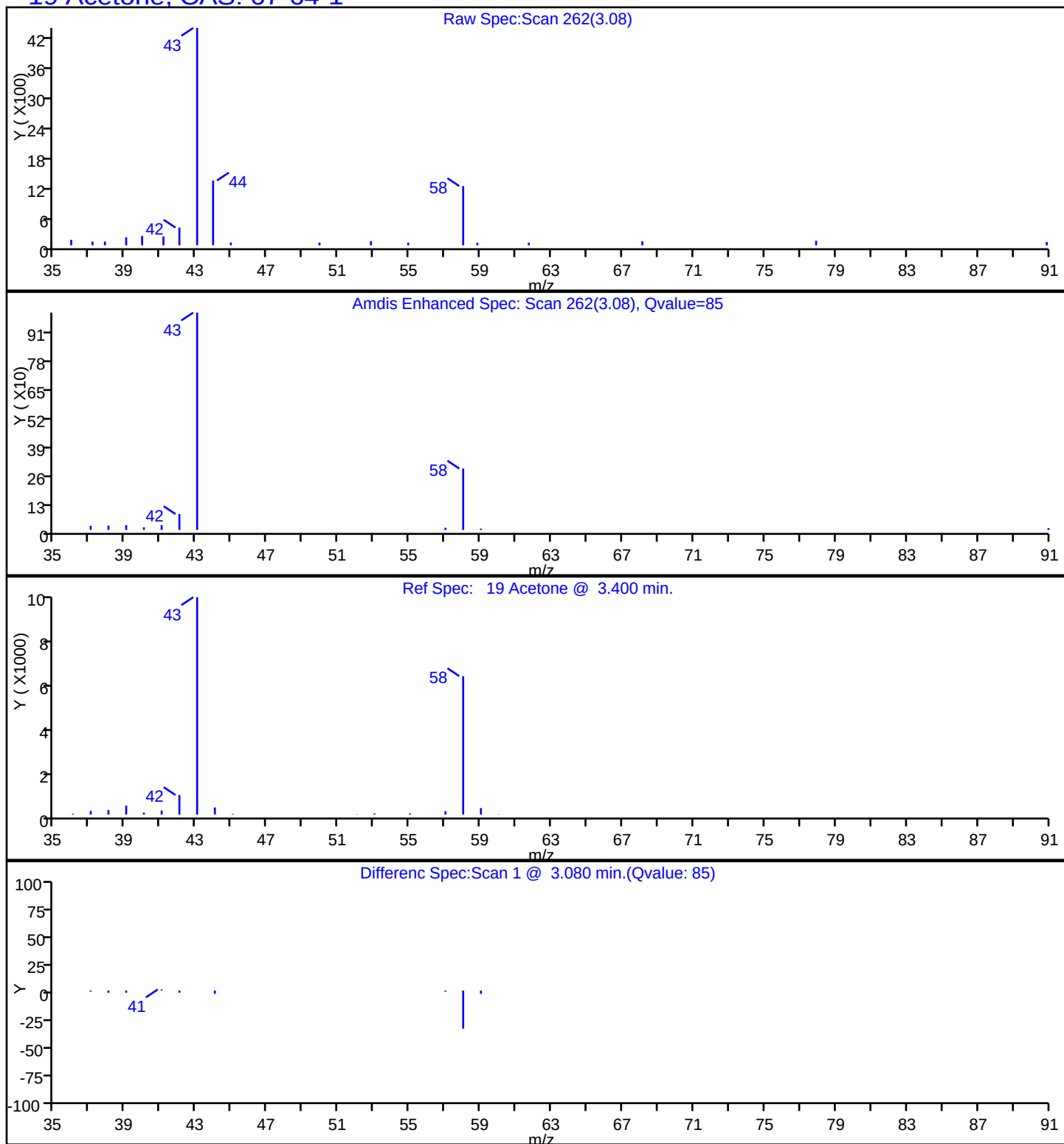
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19651.D

Injection Date: 28-Mar-2016 14:51:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-24

Lab Sample ID: 460-110867-24

Client ID: MW08A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 5.000 mL

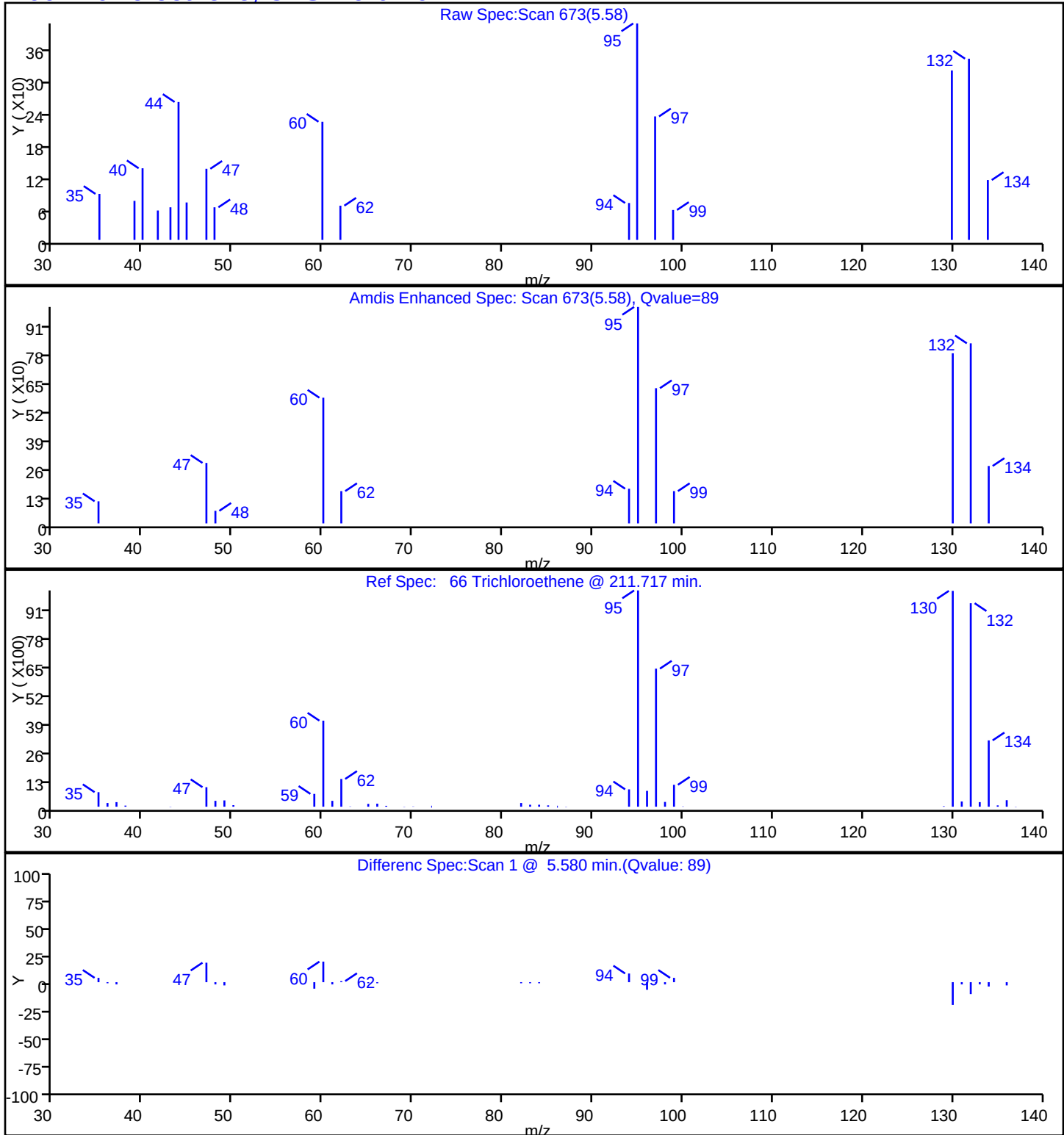
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19651.D

Injection Date: 28-Mar-2016 14:51:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-24

Lab Sample ID: 460-110867-24

Client ID: MW08A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 5.000 mL

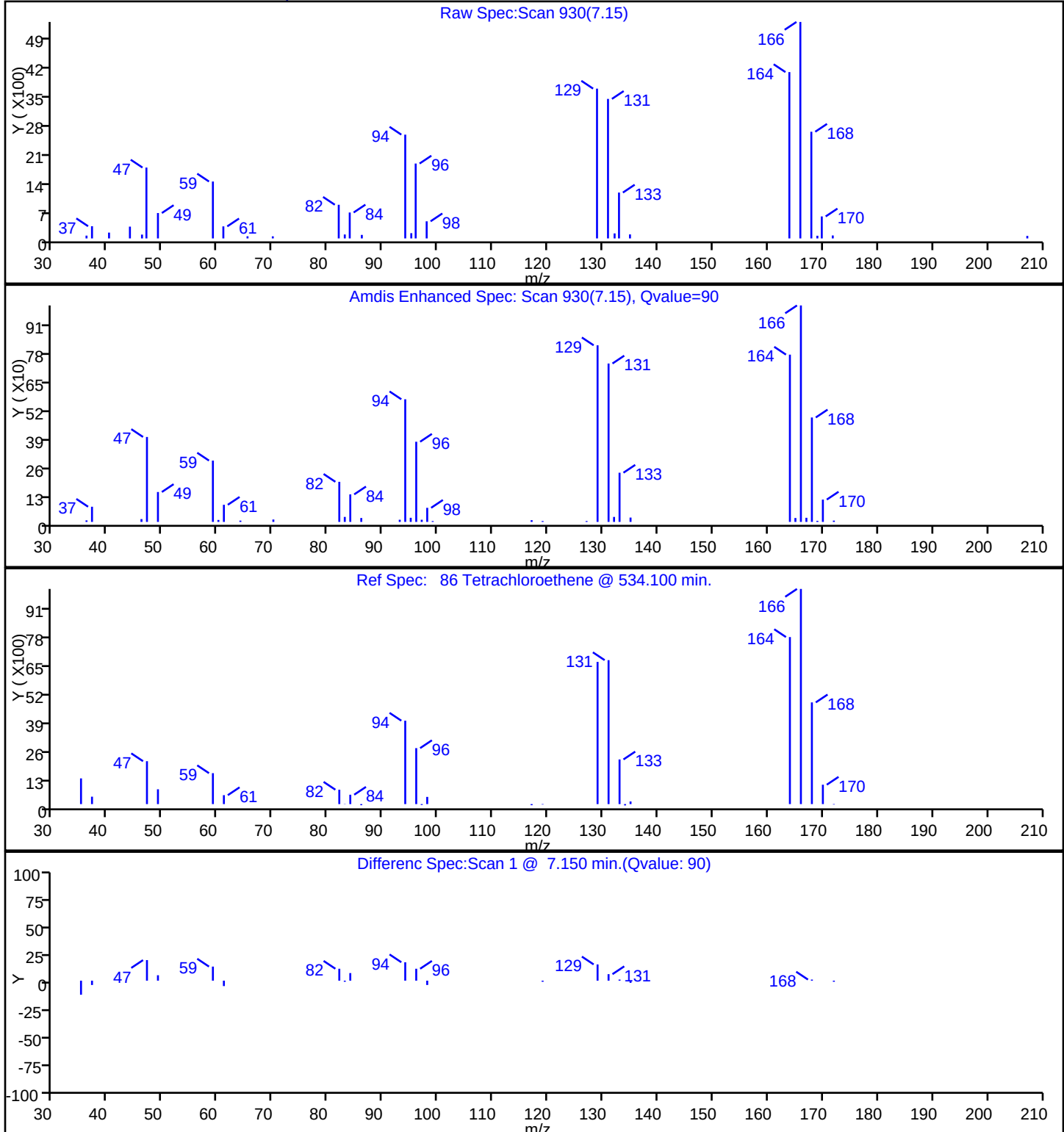
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19651.D

Injection Date: 28-Mar-2016 14:51:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-24

Lab Sample ID: 460-110867-24

Client ID: MW08A-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 5.000 mL

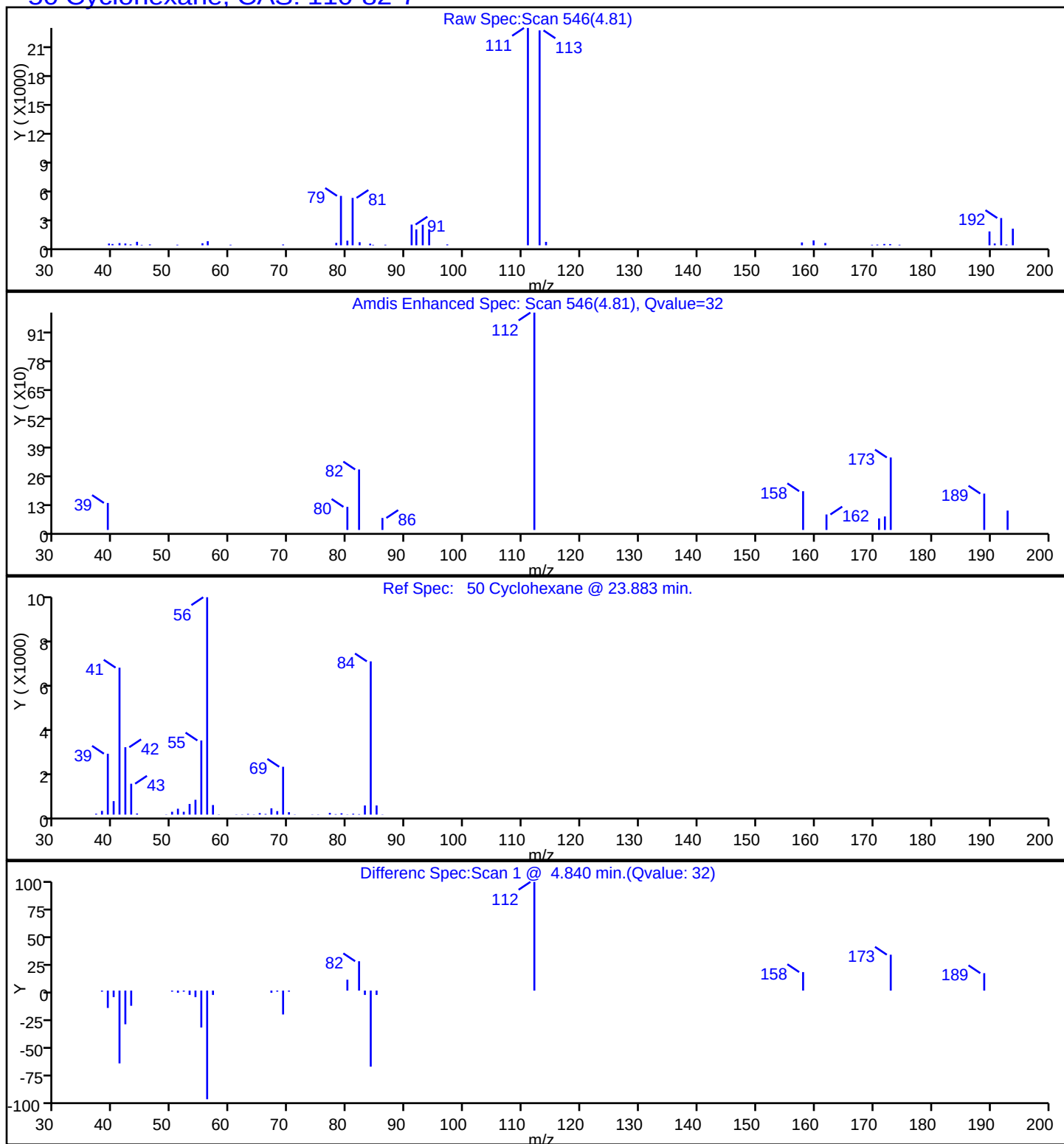
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>MW08B-CP-00-031716</u>	Lab Sample ID: <u>460-110867-25</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19652.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:28</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 15:13</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	36		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	0.22	J	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: MW08B-CP-00-031716 Lab Sample ID: 460-110867-25
 Matrix: Water Lab File ID: A19652.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:28
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 15:13
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.40	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19652.D
 Lims ID: 460-110867-A-25 Lab Sample ID: 460-110867-25
 Client ID: MW08B-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 15:13:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-25
 Misc. Info.: 460-0039079-018
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:32:13 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:16:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.078	0.012	86	37170	36.1	
* 28 TBA-d9 (IS)	65	3.468	3.456	0.012	0	230574	1000.0	
* 39 2-Butanone-d5	46	4.438	4.431	0.007	0	302993	250.0	
50 Cyclohexane	56	4.815	4.803	0.012	31	1613	0.4014	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	101441	50.5	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	151209	49.6	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	390068	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	15306	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	370596	50.0	
86 Tetrachloroethene	166	7.150	7.144	0.006	84	328	0.2172	
* 92 Chlorobenzene-d5	117	7.791	7.784	0.006	93	252579	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	86609	49.9	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.193	-0.013	97	131181	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19652.D

Injection Date: 28-Mar-2016 15:13:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-25

Lab Sample ID: 460-110867-25

Worklist Smp#: 18

Client ID: MW08B-CP-00-031716

Purge Vol: 5.000 mL

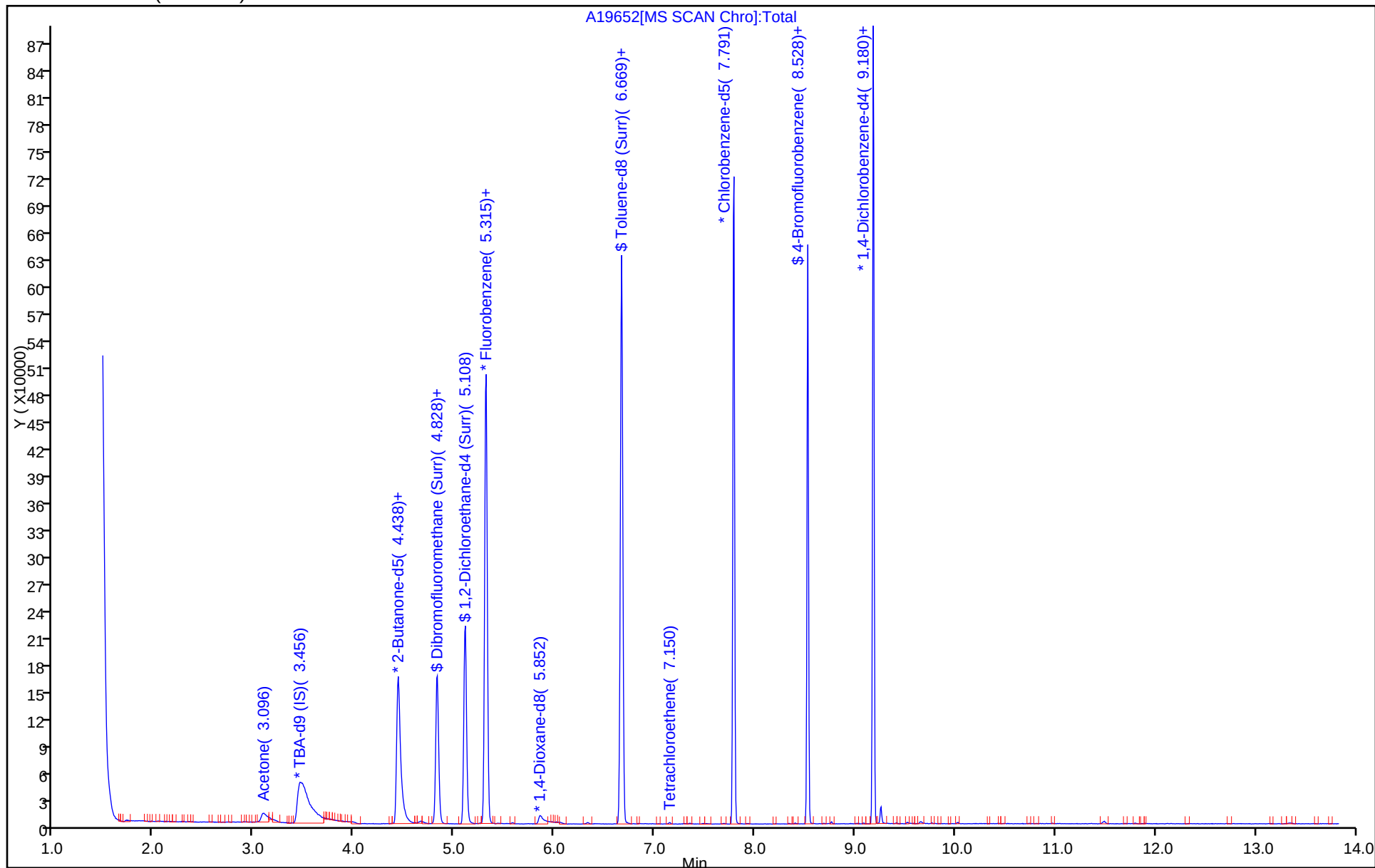
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19652.D

Injection Date: 28-Mar-2016 15:13:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-25

Lab Sample ID: 460-110867-25

Client ID: MW08B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

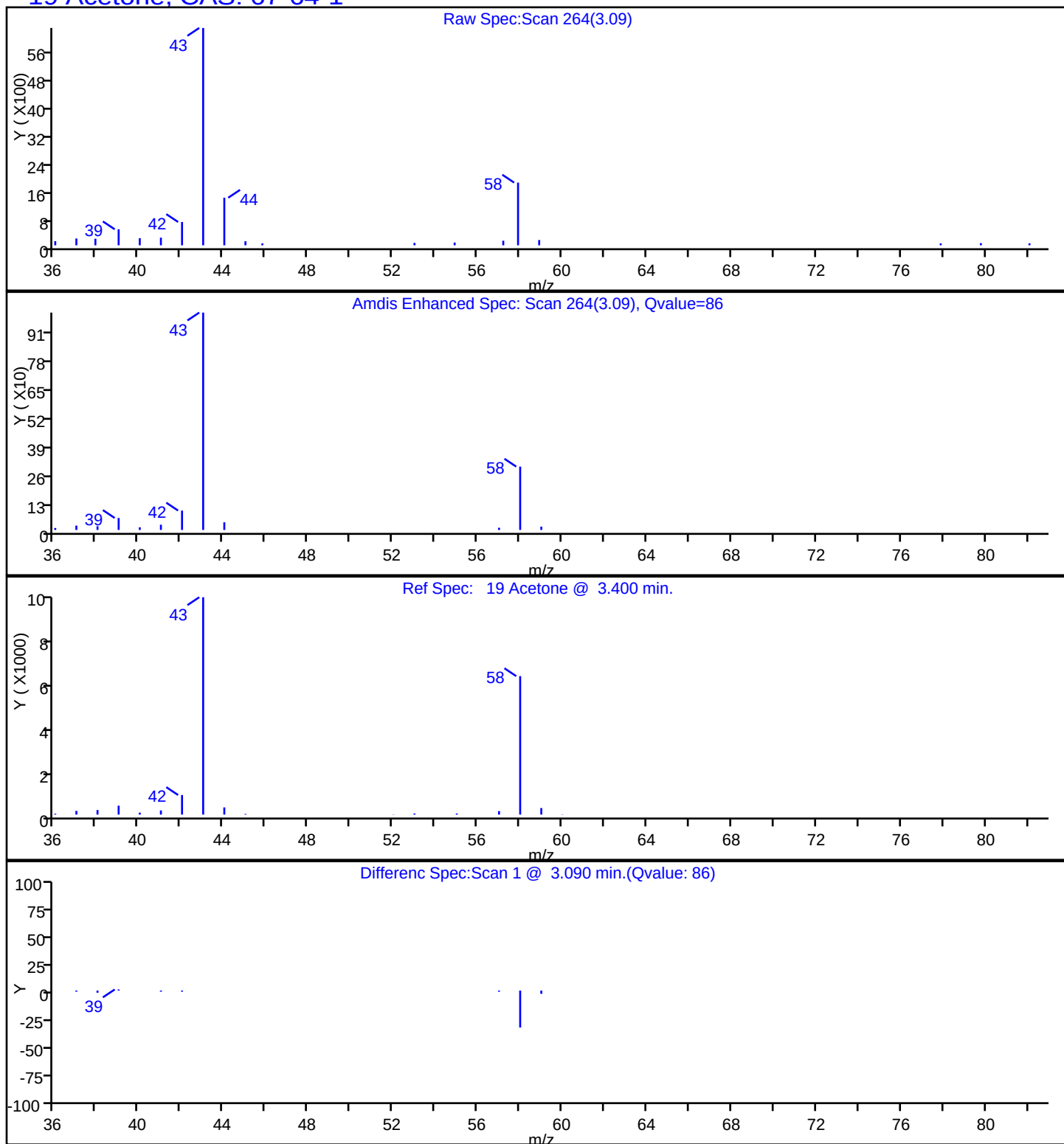
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19652.D

Injection Date: 28-Mar-2016 15:13:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-25

Lab Sample ID: 460-110867-25

Client ID: MW08B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

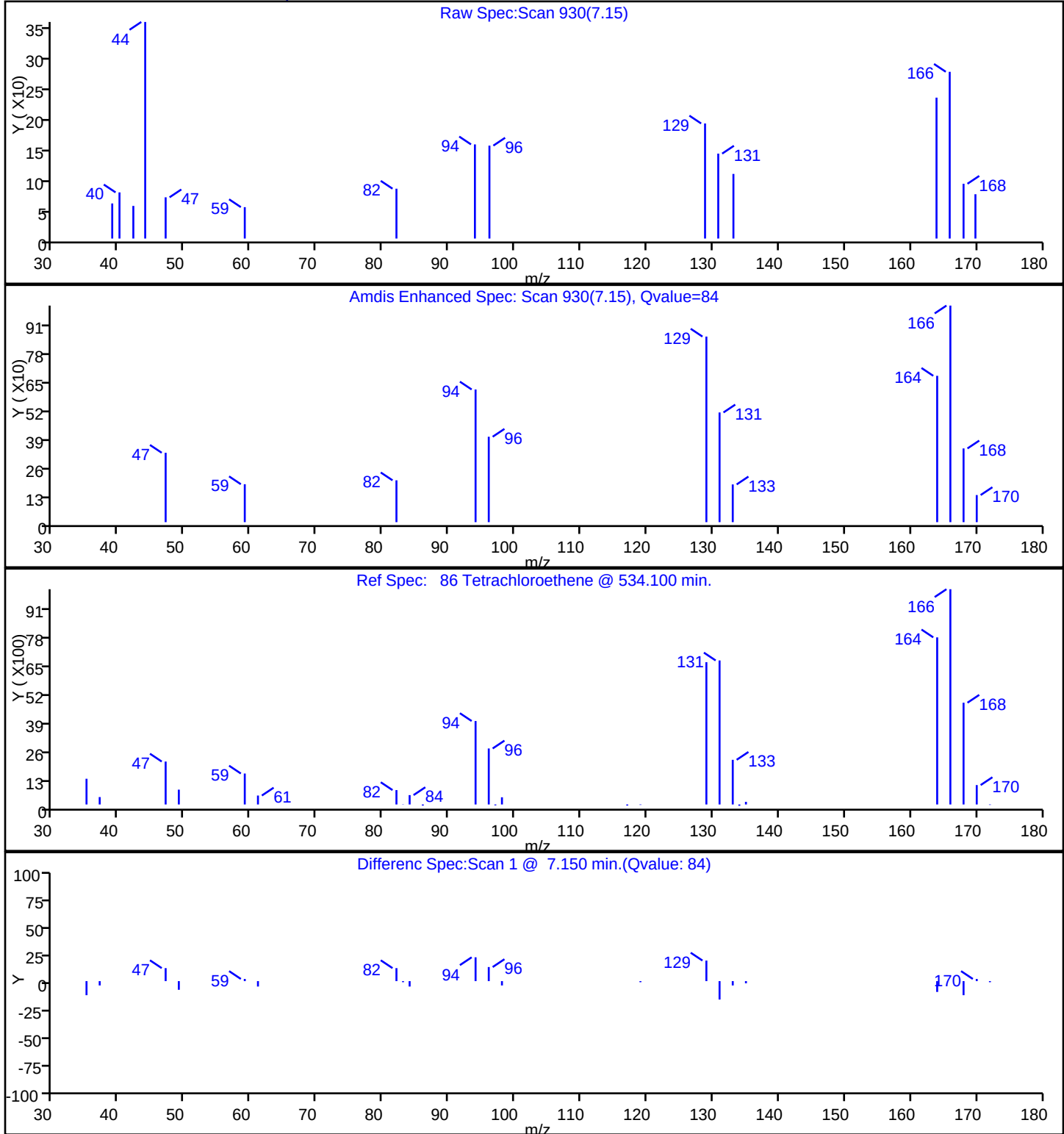
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19652.D

Injection Date: 28-Mar-2016 15:13:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-25

Lab Sample ID: 460-110867-25

Client ID: MW08B-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

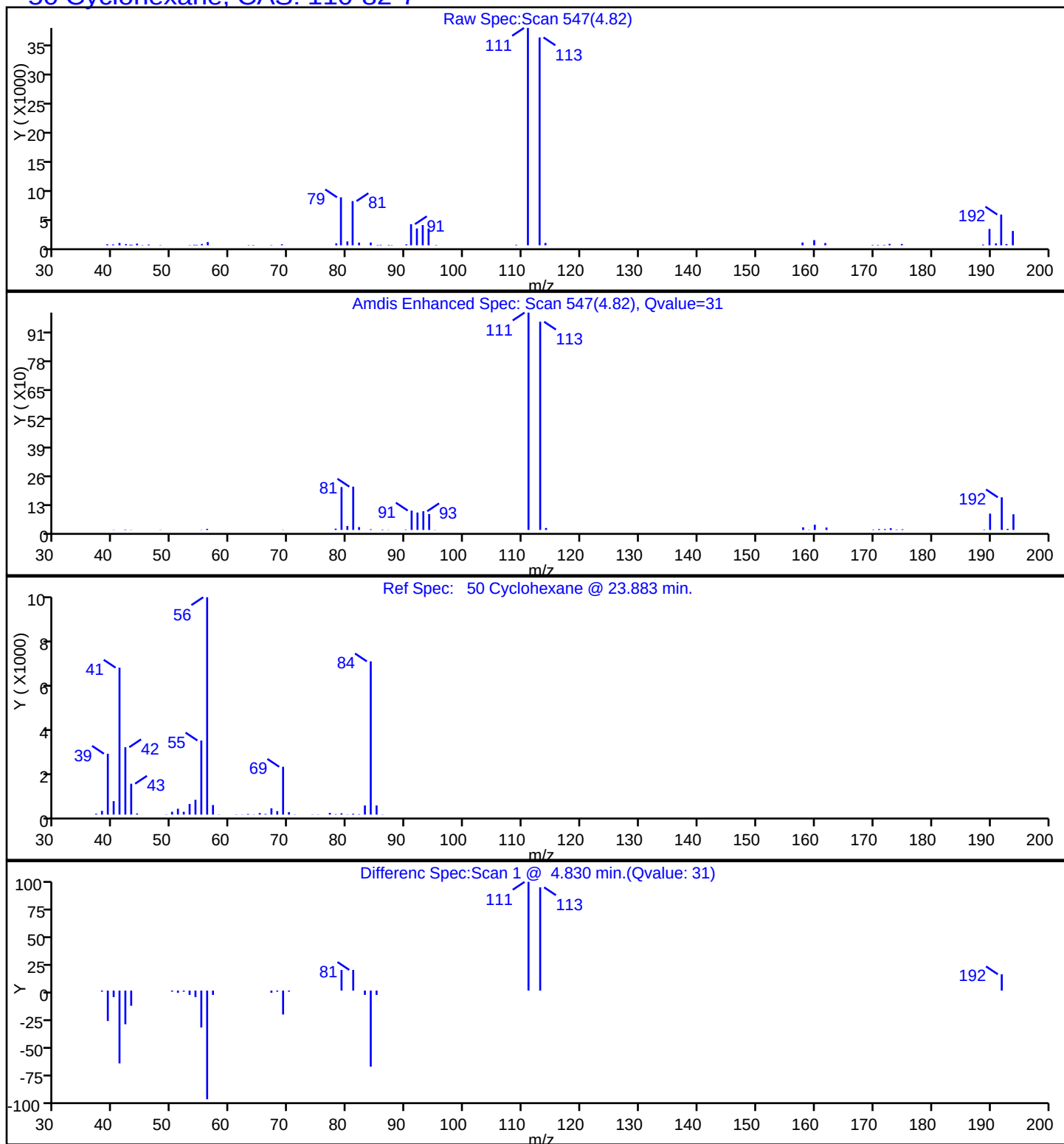
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>MW08C-CP-00-031716</u>	Lab Sample ID: <u>460-110867-26</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19653.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 09:21</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 15:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	26		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: MW08C-CP-00-031716 Lab Sample ID: 460-110867-26
 Matrix: Water Lab File ID: A19653.D
 Analysis Method: 8260C Date Collected: 03/16/2016 09:21
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 15:35
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.3		1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		70-137
2037-26-5	Toluene-d8 (Surr)	75		74-120
460-00-4	4-Bromofluorobenzene	75		70-131
1868-53-7	Dibromofluoromethane (Surr)	78		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19653.D
 Lims ID: 460-110867-A-26 Lab Sample ID: 460-110867-26
 Client ID: MW08C-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 15:35:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-26
 Misc. Info.: 460-0039079-019
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:03:17 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 21:30:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.084	3.078	0.006	85	26341	26.4	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	226050	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	293611	250.0	
50 Cyclohexane	56	4.809	4.803	0.006	33	5097	1.32	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	74620	38.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	111306	38.1	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	373740	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	15324	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	267505	37.6	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	242472	50.0	
\$ 103 4-Bromofluorobenzene	174	8.534	8.534	0.000	83	62303	37.4	
* 119 1,4-Dichlorobenzene-d4	152	9.193	9.193	0.000	97	127130	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19653.D

Injection Date: 28-Mar-2016 15:35:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-26

Lab Sample ID: 460-110867-26

Worklist Smp#: 19

Client ID: MW08C-CP-00-031716

Purge Vol: 5.000 mL

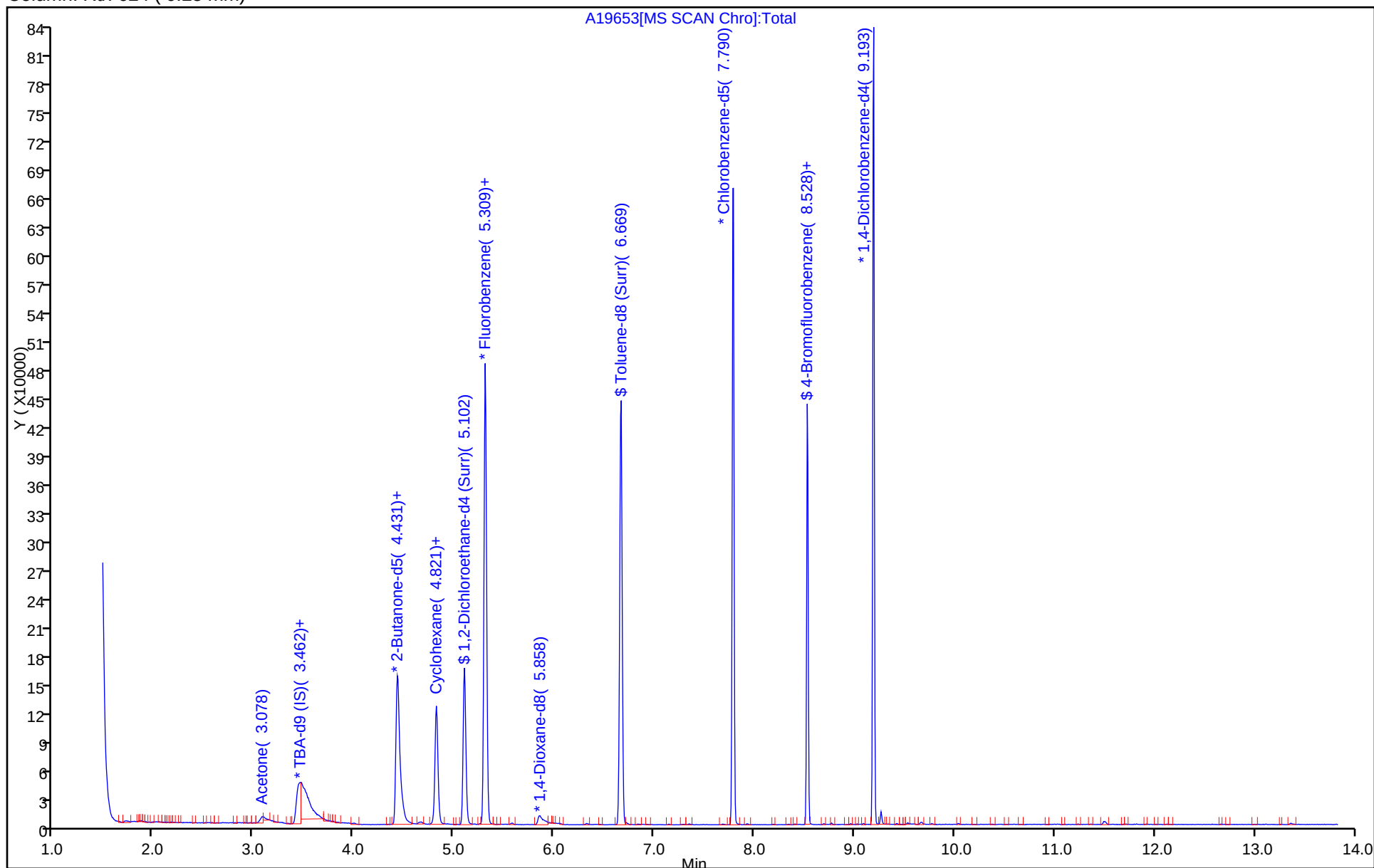
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19653.D

Injection Date: 28-Mar-2016 15:35:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-26

Lab Sample ID: 460-110867-26

Client ID: MW08C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

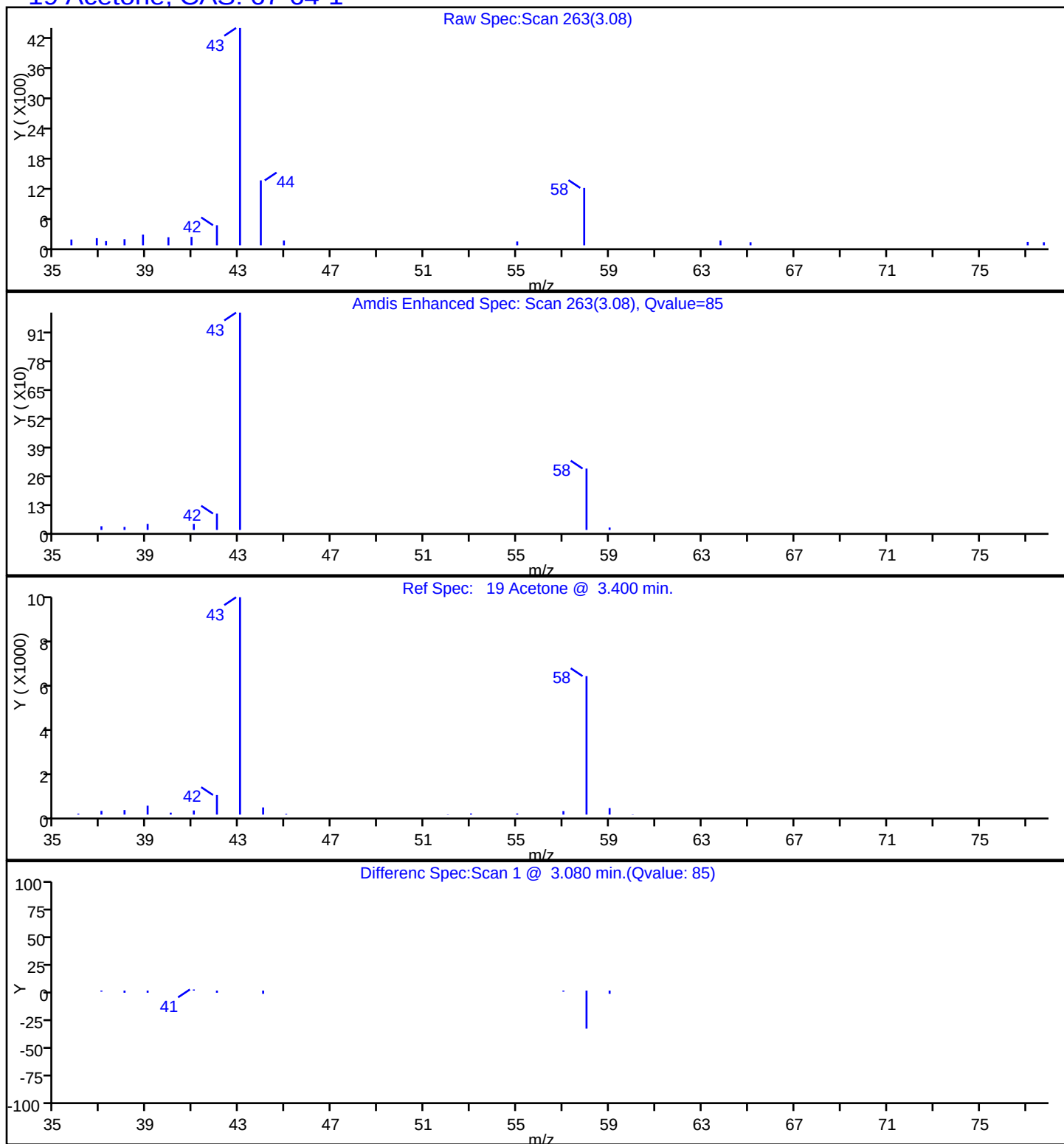
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19653.D

Injection Date: 28-Mar-2016 15:35:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-26

Lab Sample ID: 460-110867-26

Client ID: MW08C-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

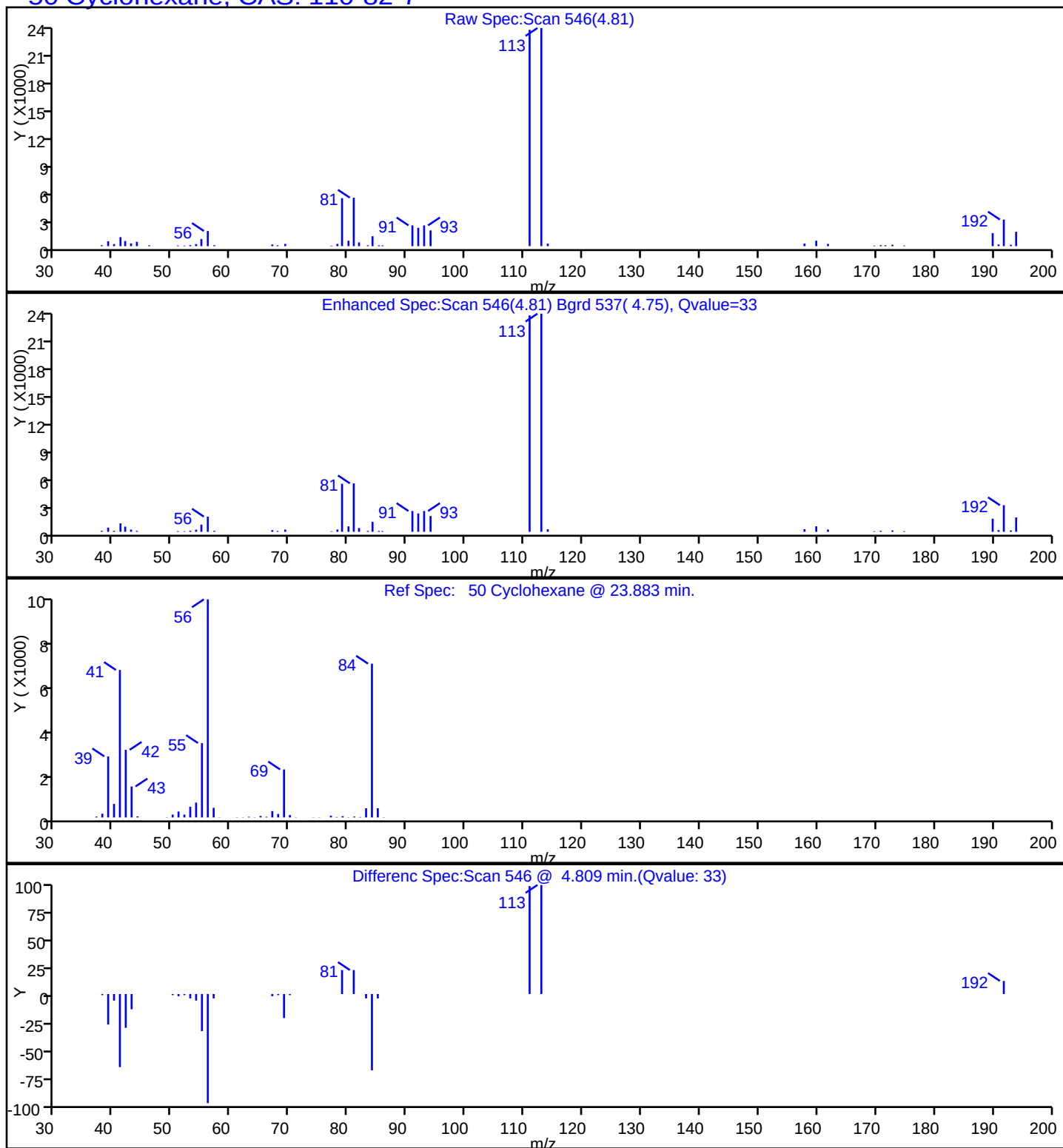
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: MW10D-CP-00-031716 Lab Sample ID: 460-110867-27
 Matrix: Water Lab File ID: A19606.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 03/26/2016 16:47
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	27		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	0.79	J	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.7		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	2.2		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: MW10D-CP-00-031716 Lab Sample ID: 460-110867-27
 Matrix: Water Lab File ID: A19606.D
 Analysis Method: 8260C Date Collected: 03/14/2016 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 16:47
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.53	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	103		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19606.D
 Lims ID: 460-110867-A-27 Lab Sample ID: 460-110867-27
 Client ID: MW10D-CP-00-031716
 Sample Type: Client
 Inject. Date: 26-Mar-2016 16:47:30 ALS Bottle#: 20 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-27
 Misc. Info.: 460-0039013-027
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 28-Mar-2016 09:40:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.090	3.084	0.006	86	27302	27.2	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	233795	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	295616	250.0	
50 Cyclohexane	56	4.822	4.809	0.013	31	2000	0.5278	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	93	97403	51.4	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	151715	52.7	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	94	2592	0.7939	
* 64 Fluorobenzene	96	5.315	5.309	0.006	96	367867	50.0	
66 Trichloroethene	95	5.578	5.571	0.007	87	3440	1.73	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	15262	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	353896	50.1	
86 Tetrachloroethene	166	7.144	7.144	0.000	84	3131	2.17	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	240936	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	82044	49.6	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	96	122573	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19606.D

Injection Date: 26-Mar-2016 16:47:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-27

Lab Sample ID: 460-110867-27

Worklist Smp#: 27

Client ID: MW10D-CP-00-031716

Purge Vol: 5.000 mL

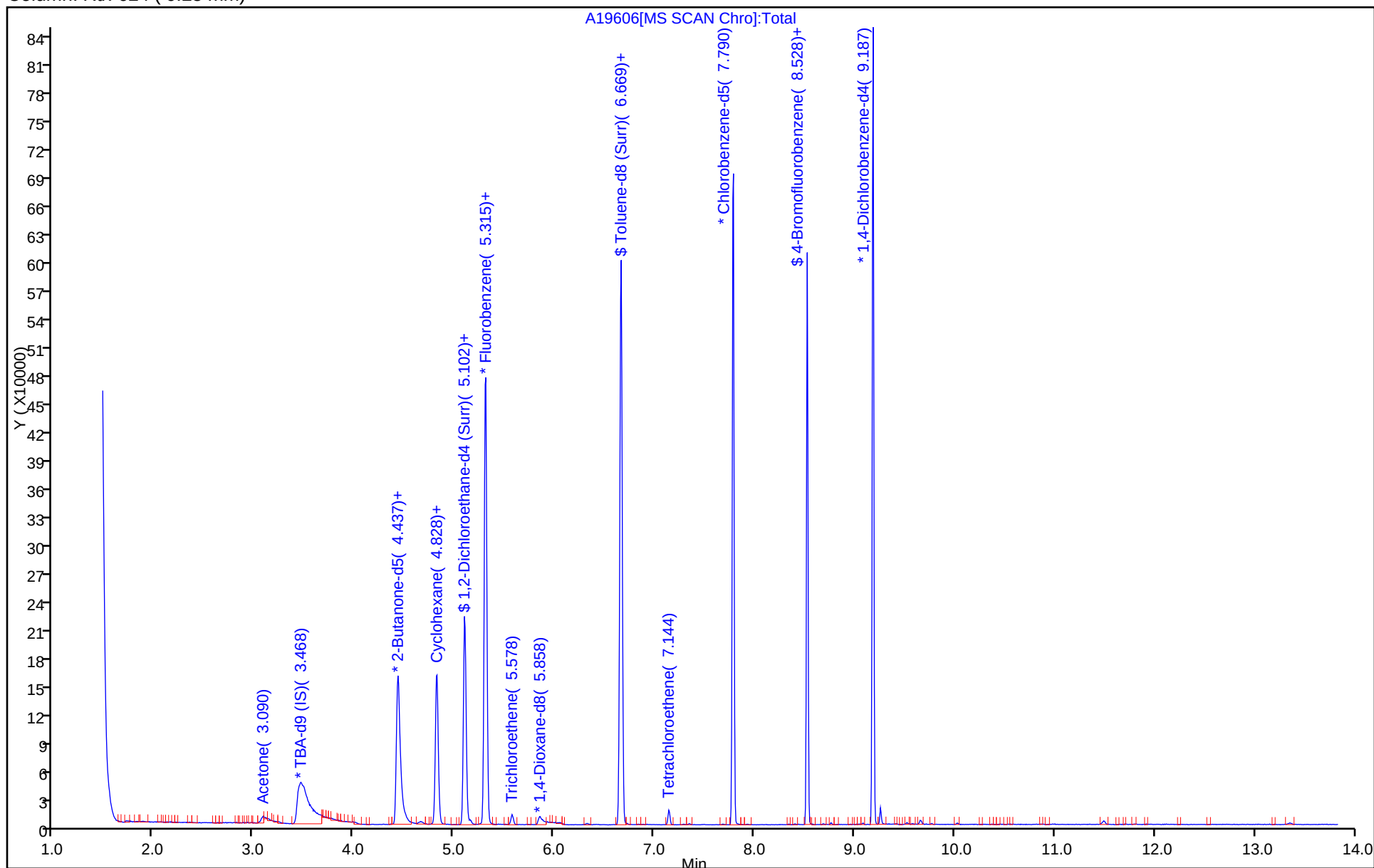
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19606.D

Injection Date: 26-Mar-2016 16:47:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-27

Lab Sample ID: 460-110867-27

Client ID: MW10D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 20 Worklist Smp#: 27

Purge Vol: 5.000 mL

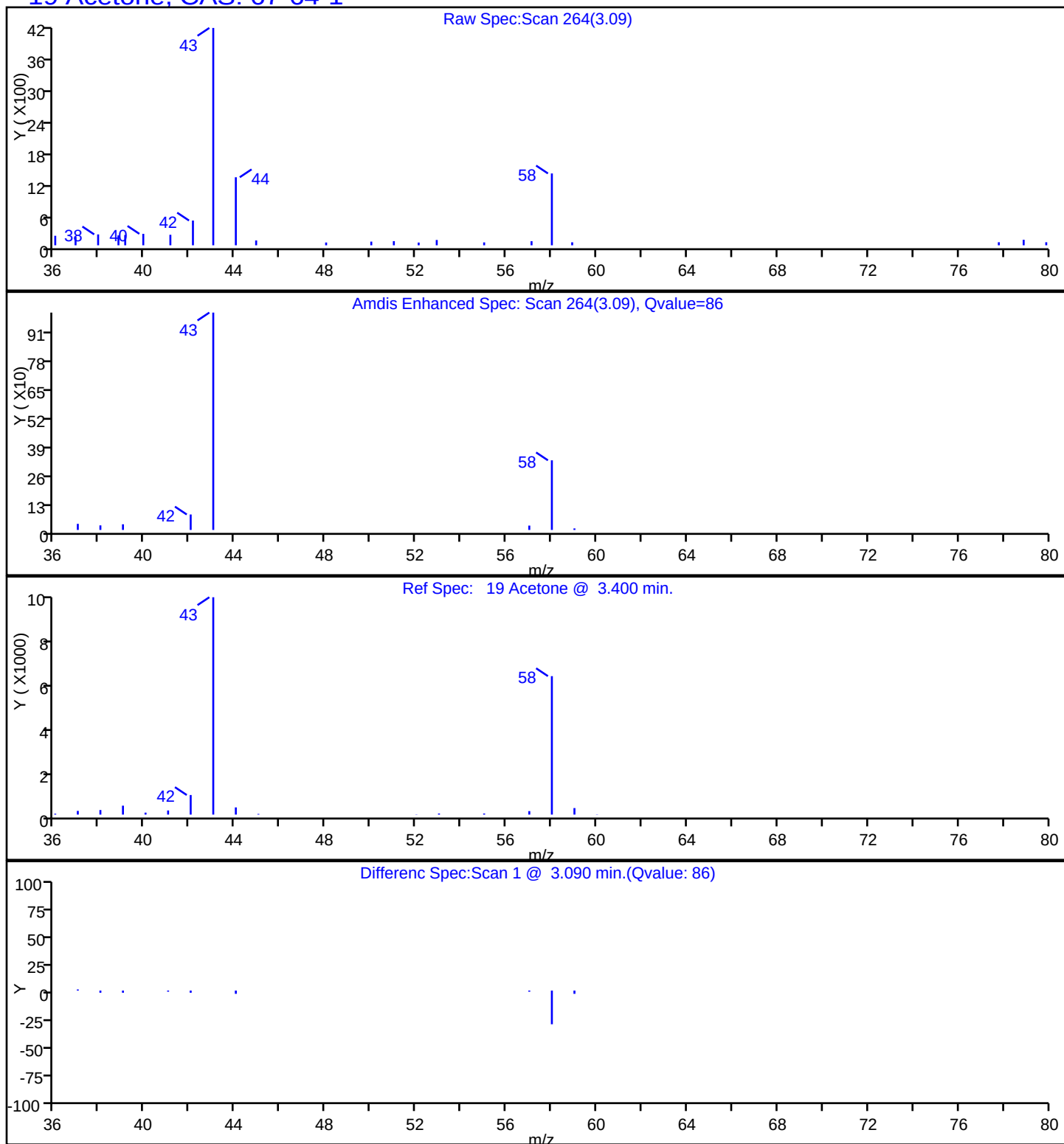
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19606.D

Injection Date: 26-Mar-2016 16:47:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-27

Lab Sample ID: 460-110867-27

Client ID: MW10D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 20

Worklist Smp#: 27

Purge Vol: 5.000 mL

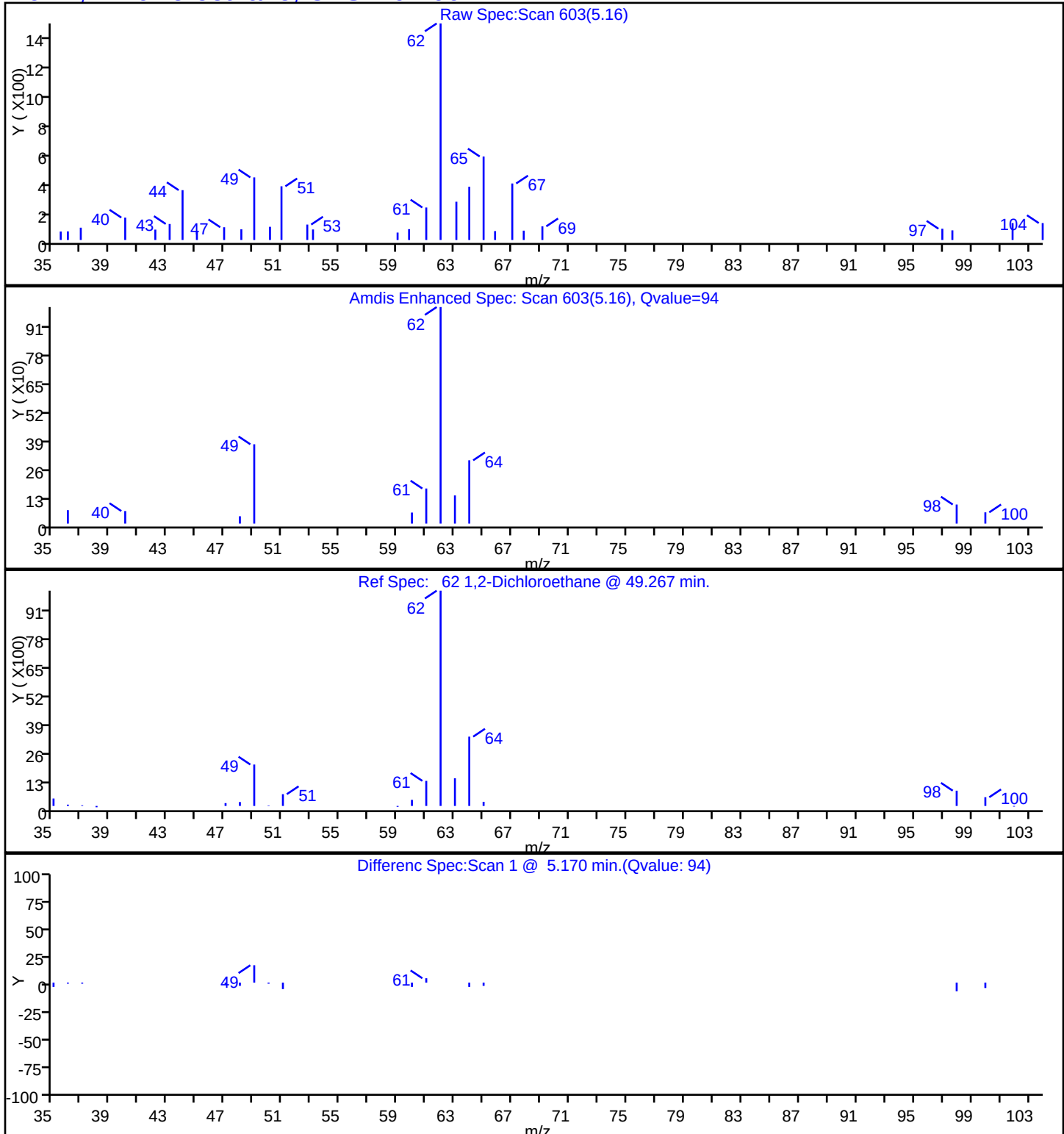
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

62 1,2-Dichloroethane, CAS: 107-06-2

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19606.D

Injection Date: 26-Mar-2016 16:47:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-27

Lab Sample ID: 460-110867-27

Client ID: MW10D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 20

Worklist Smp#: 27

Purge Vol: 5.000 mL

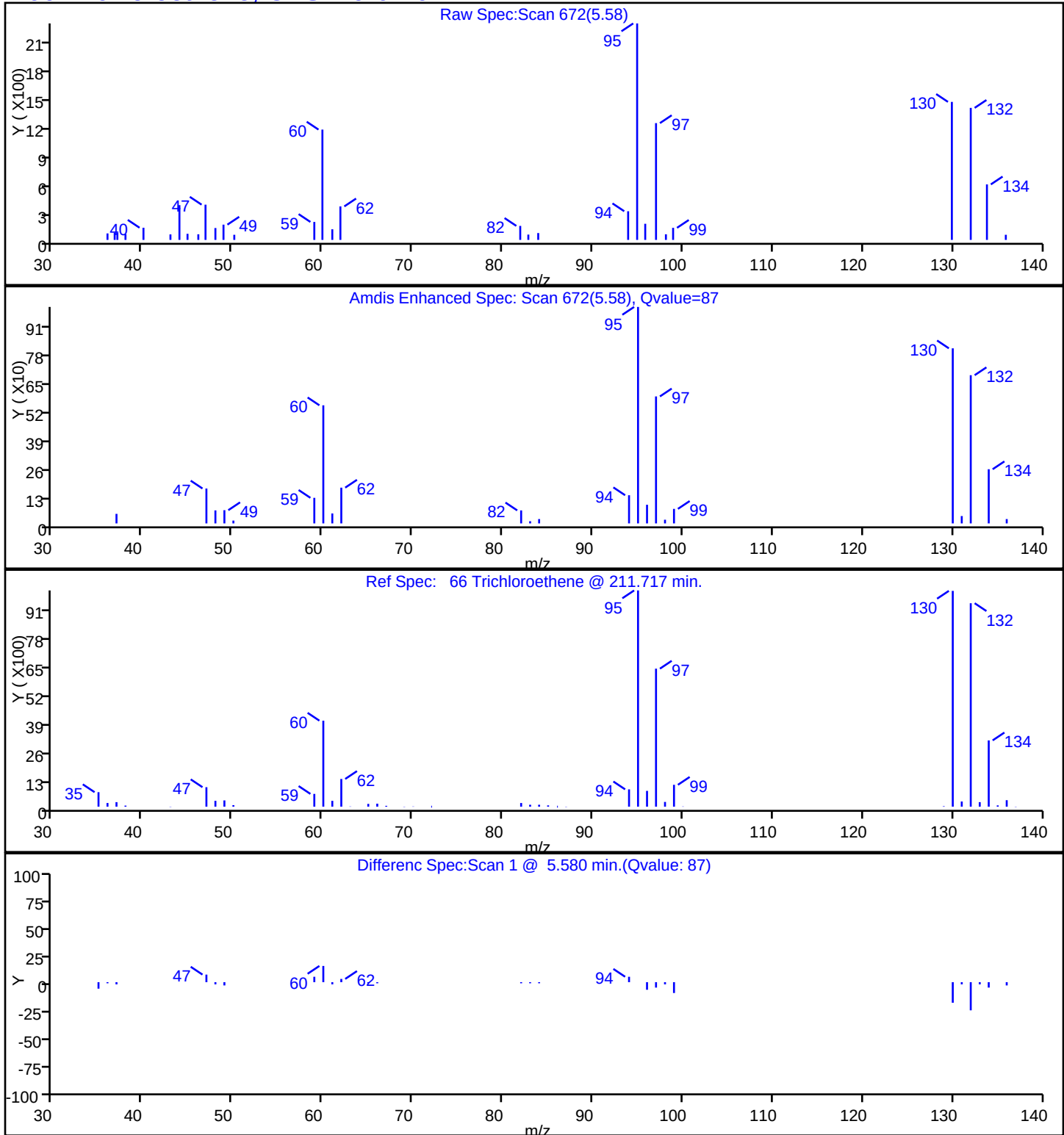
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19606.D

Injection Date: 26-Mar-2016 16:47:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-27

Lab Sample ID: 460-110867-27

Client ID: MW10D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 20

Worklist Smp#: 27

Purge Vol: 5.000 mL

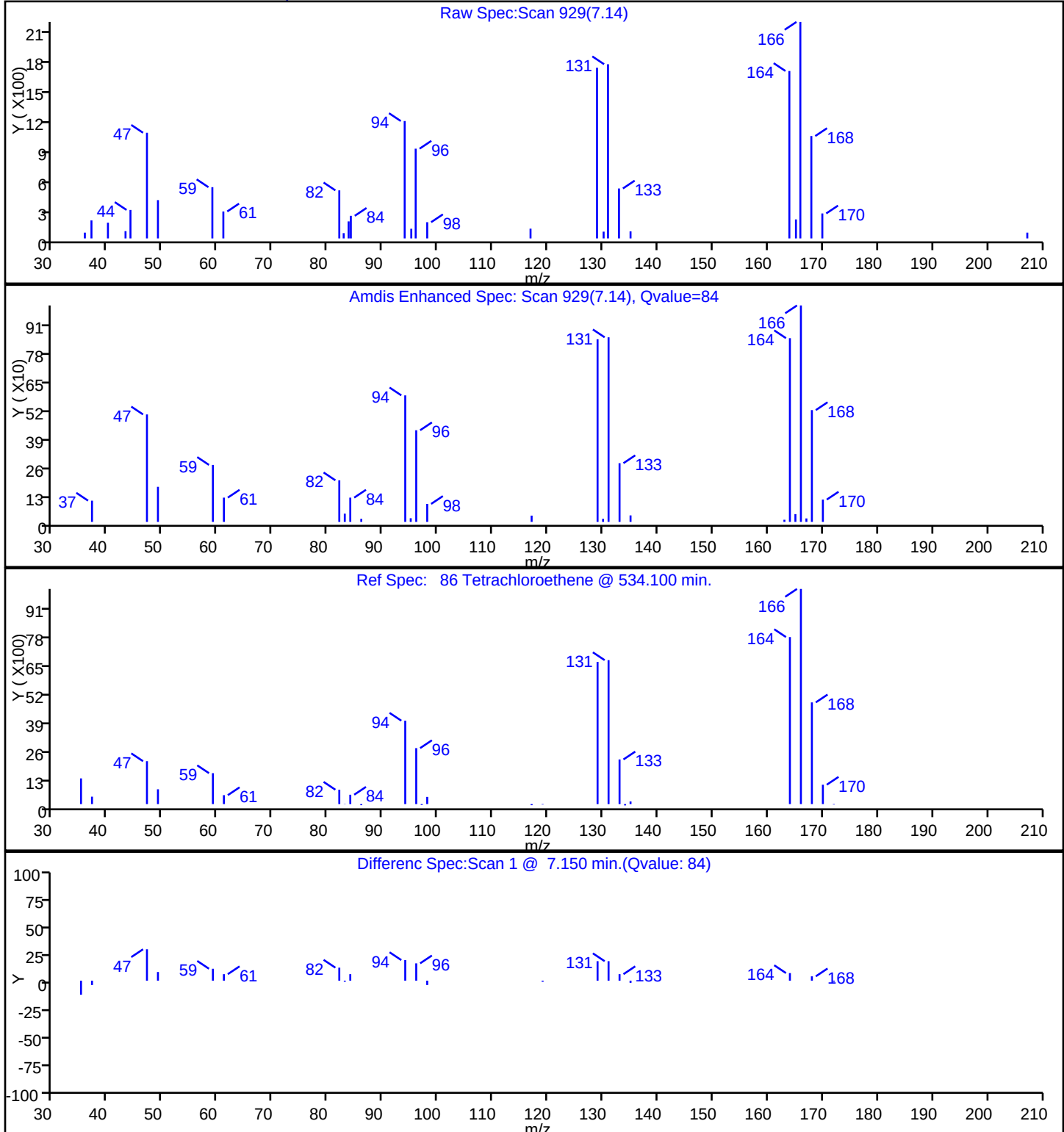
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19606.D

Injection Date: 26-Mar-2016 16:47:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-27

Lab Sample ID: 460-110867-27

Client ID: MW10D-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 20 Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

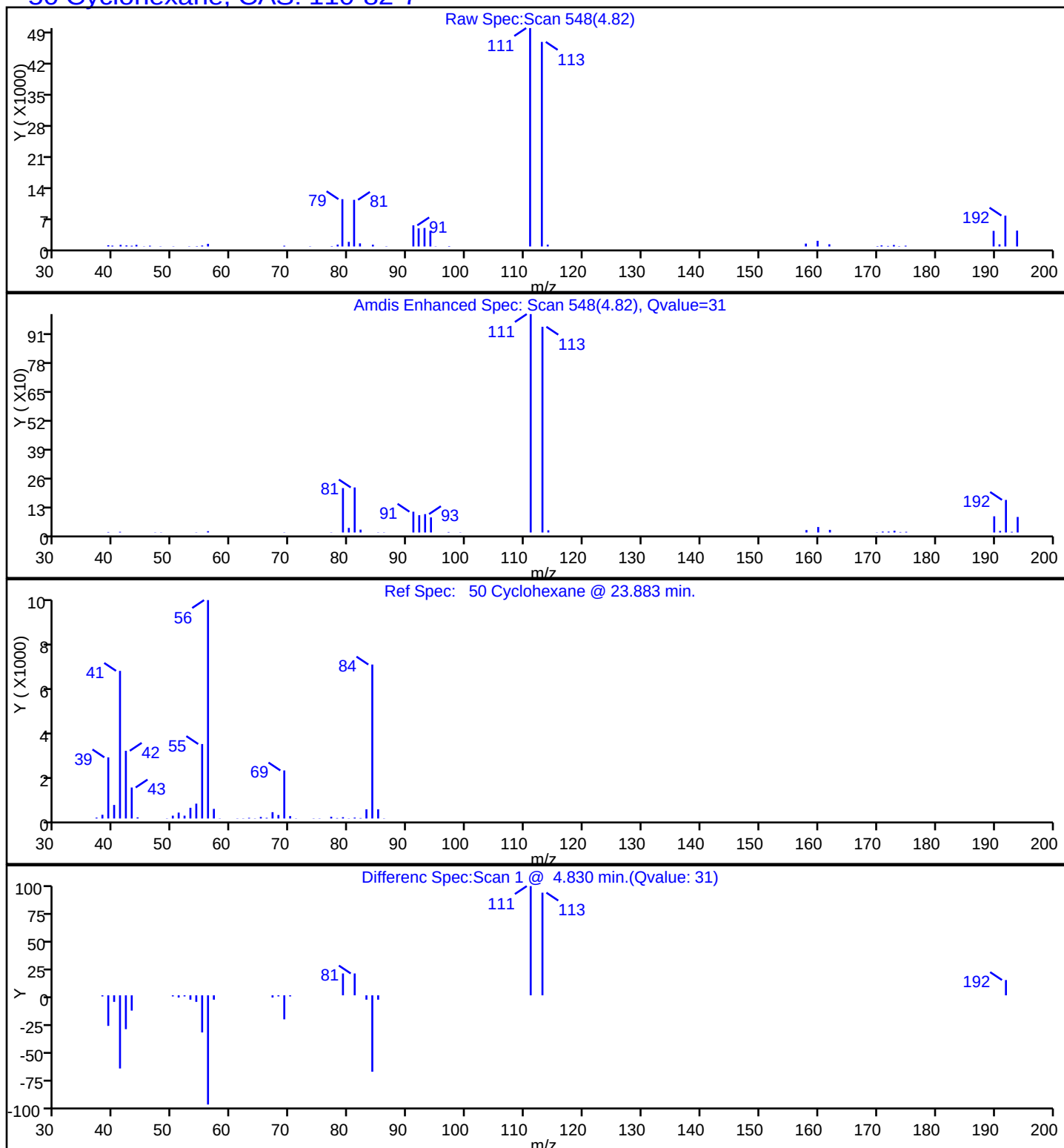
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>SW1-CP-00-031716</u>	Lab Sample ID: <u>460-110867-28</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19654.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/16/2016 10:05</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/28/2016 15:56</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	34		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	11		1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	3.9	J	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	16		1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	150		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: SW1-CP-00-031716 Lab Sample ID: 460-110867-28
 Matrix: Water Lab File ID: A19654.D
 Analysis Method: 8260C Date Collected: 03/16/2016 10:05
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 15:56
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.48	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19654.D
 Lims ID: 460-110867-A-28 Lab Sample ID: 460-110867-28
 Client ID: SW1-CP-00-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 15:56:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-28
 Misc. Info.: 460-0039079-020
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:32:25 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 21:31:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.078	3.078	0.000	86	33184	33.9	
* 28 TBA-d9 (IS)	65	3.468	3.456	0.012	0	229322	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	288065	250.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	90	25602	11.4	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	1002	3.88	M
50 Cyclohexane	56	4.809	4.803	0.006	31	1812	0.4839	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	95124	50.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	142592	50.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	363540	50.0	
66 Trichloroethene	95	5.577	5.571	0.006	92	31852	16.2	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	16528	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	97	350200	49.3	
86 Tetrachloroethene	166	7.144	7.144	0.000	90	221207	152.6	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	242430	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	82534	49.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.193	-0.013	96	126335	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Worklist Smp#: 20

Client ID: SW1-CP-00-031716

Purge Vol: 5.000 mL

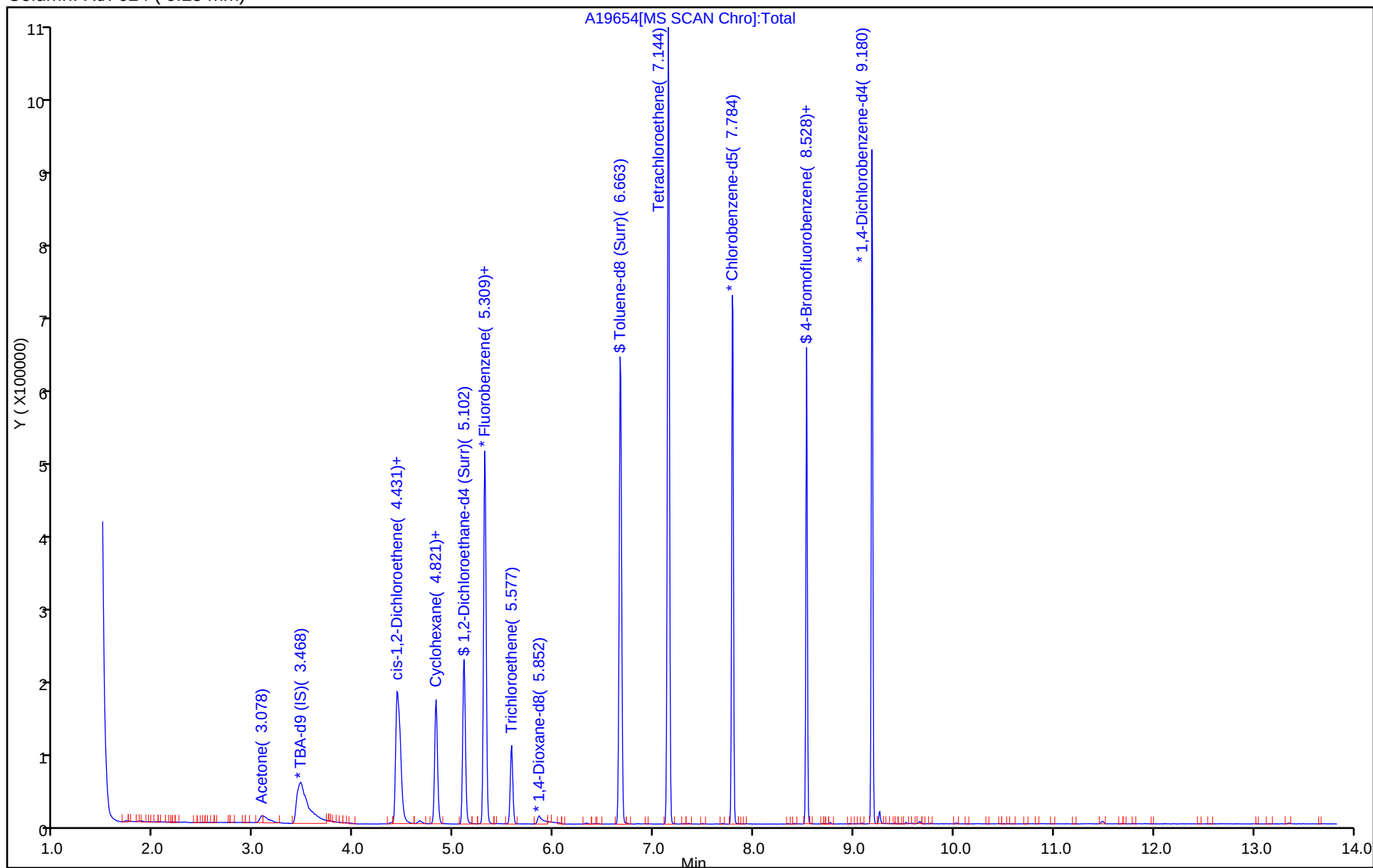
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Client ID: SW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

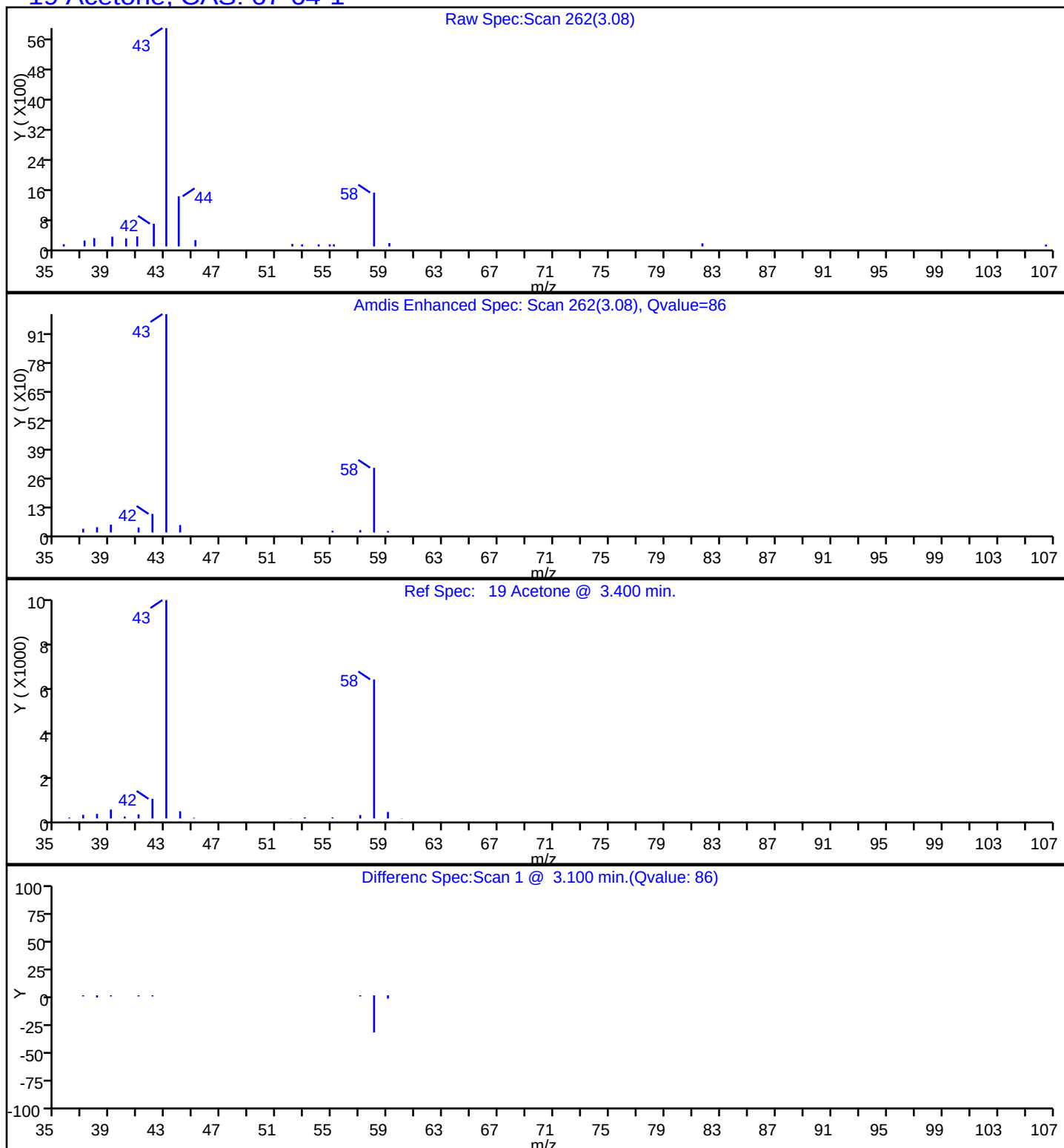
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Client ID: SW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

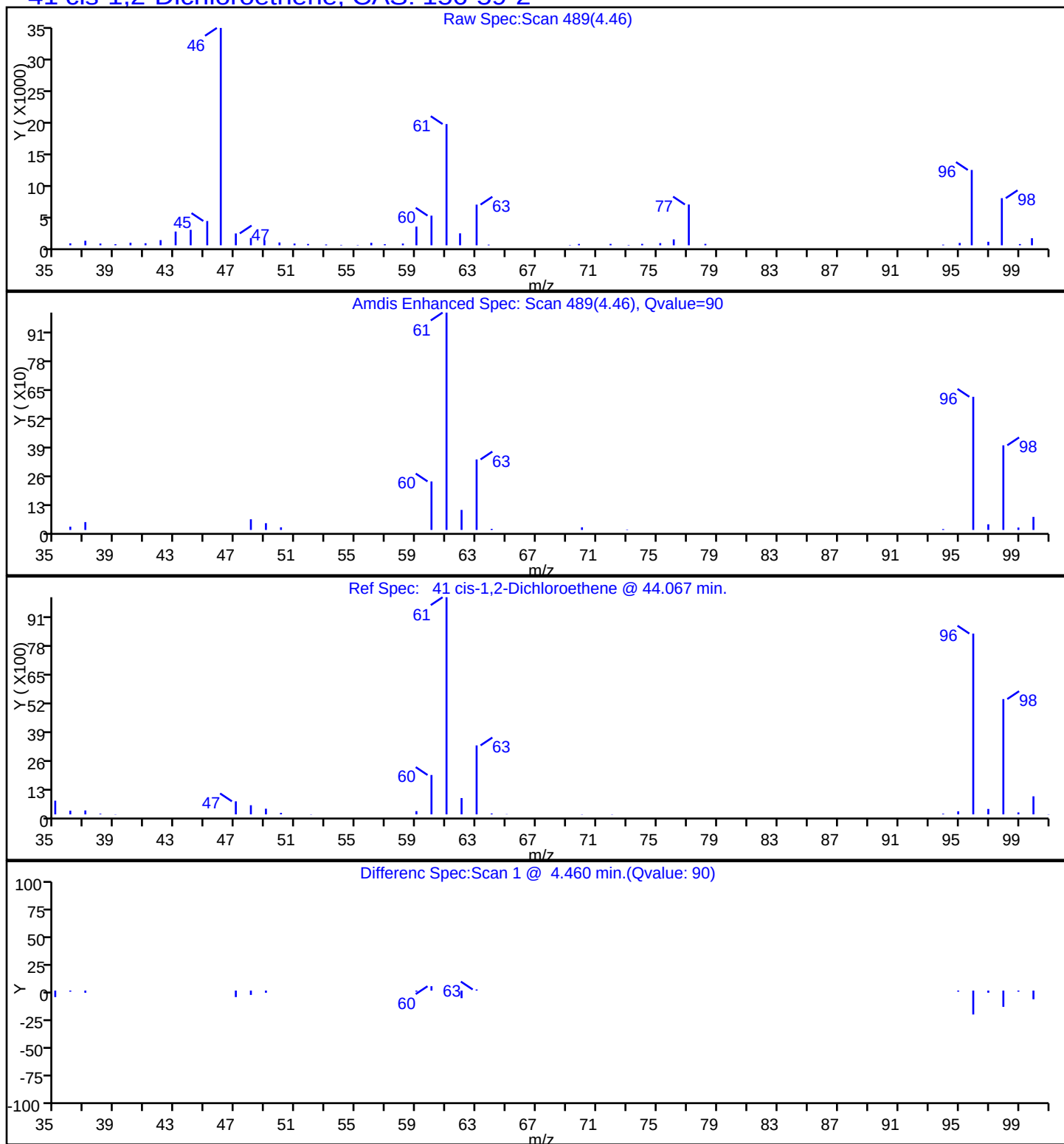
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Client ID: SW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

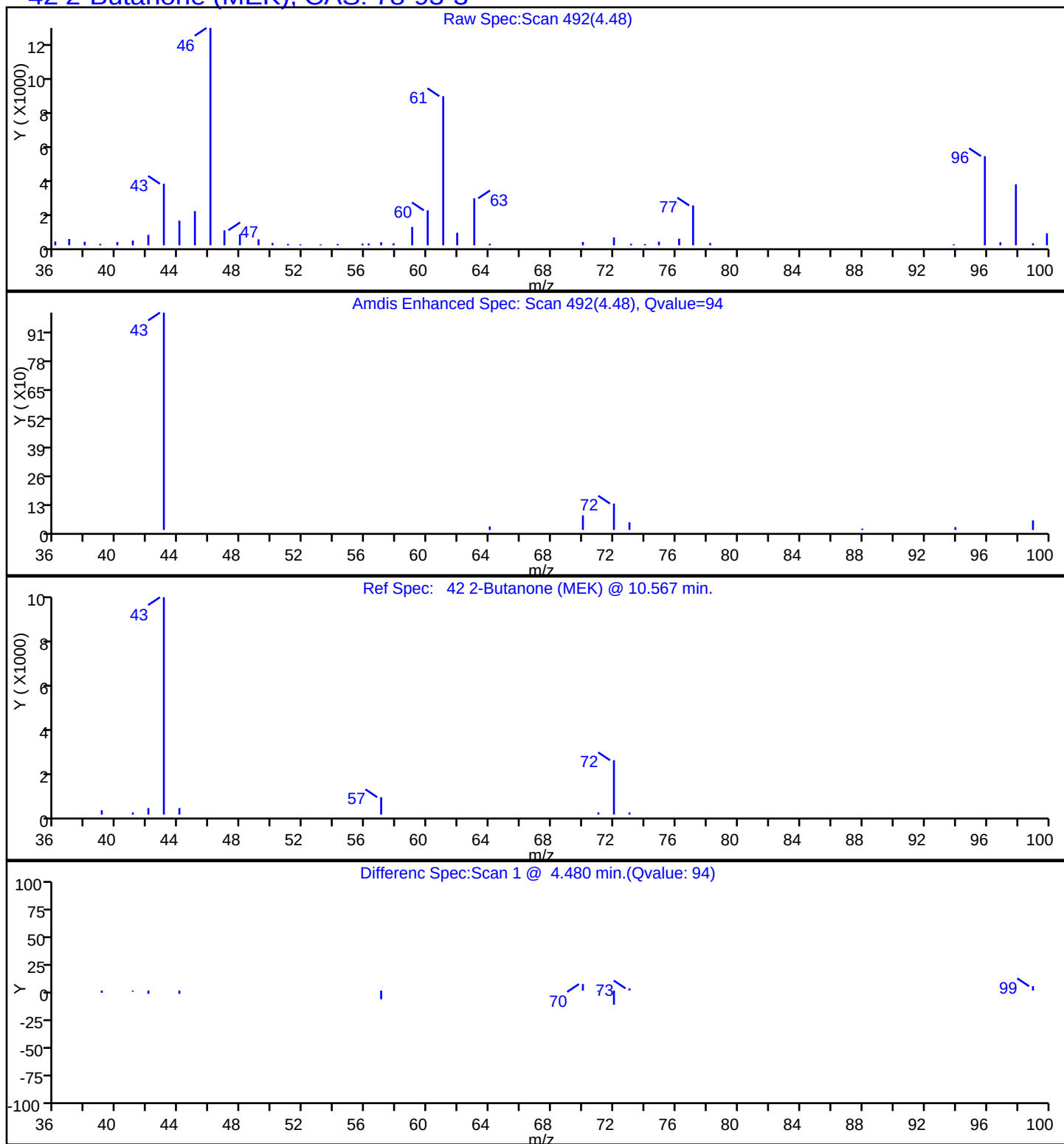
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK). CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Client ID: SW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

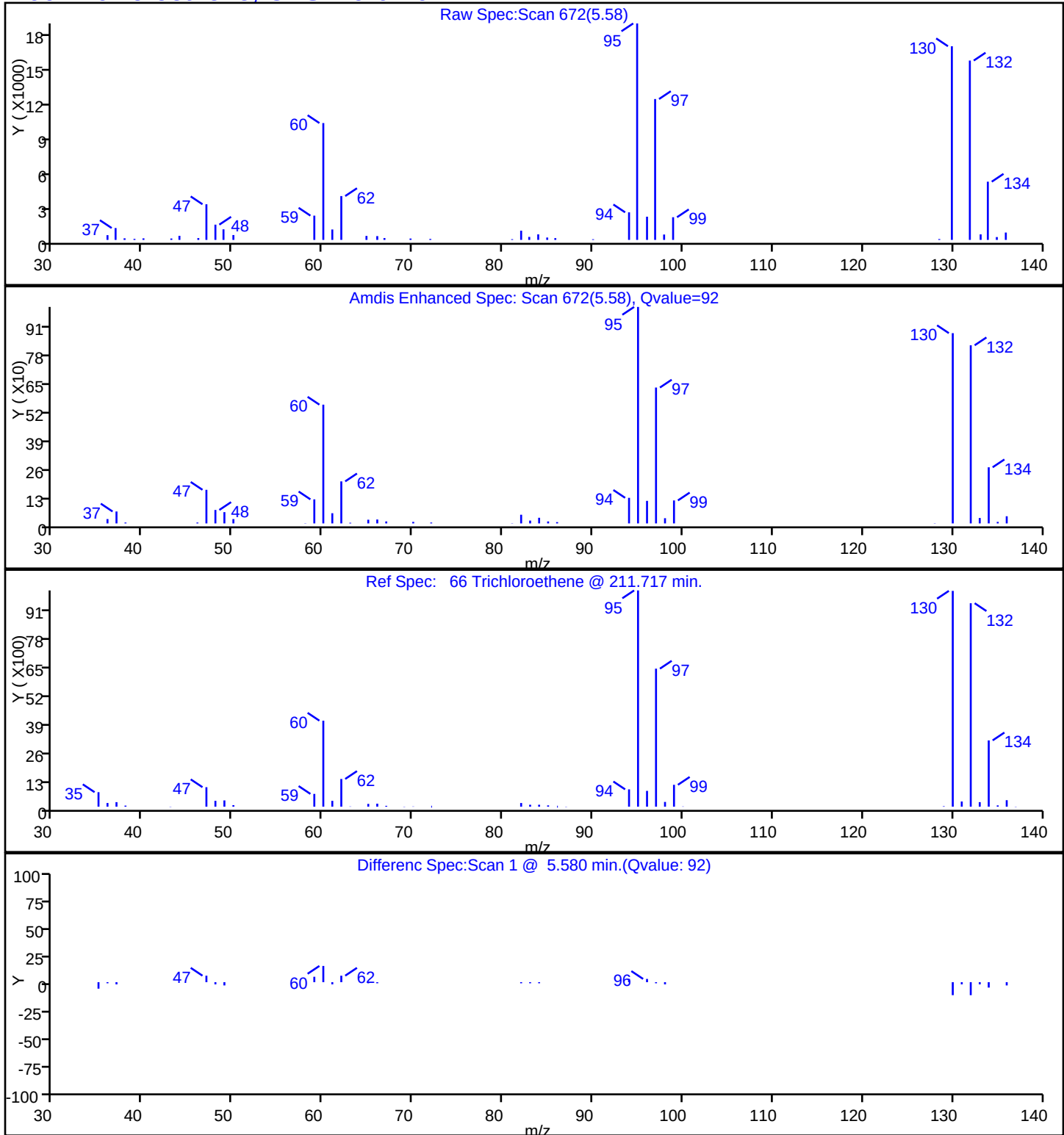
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Client ID: SW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 5.000 mL

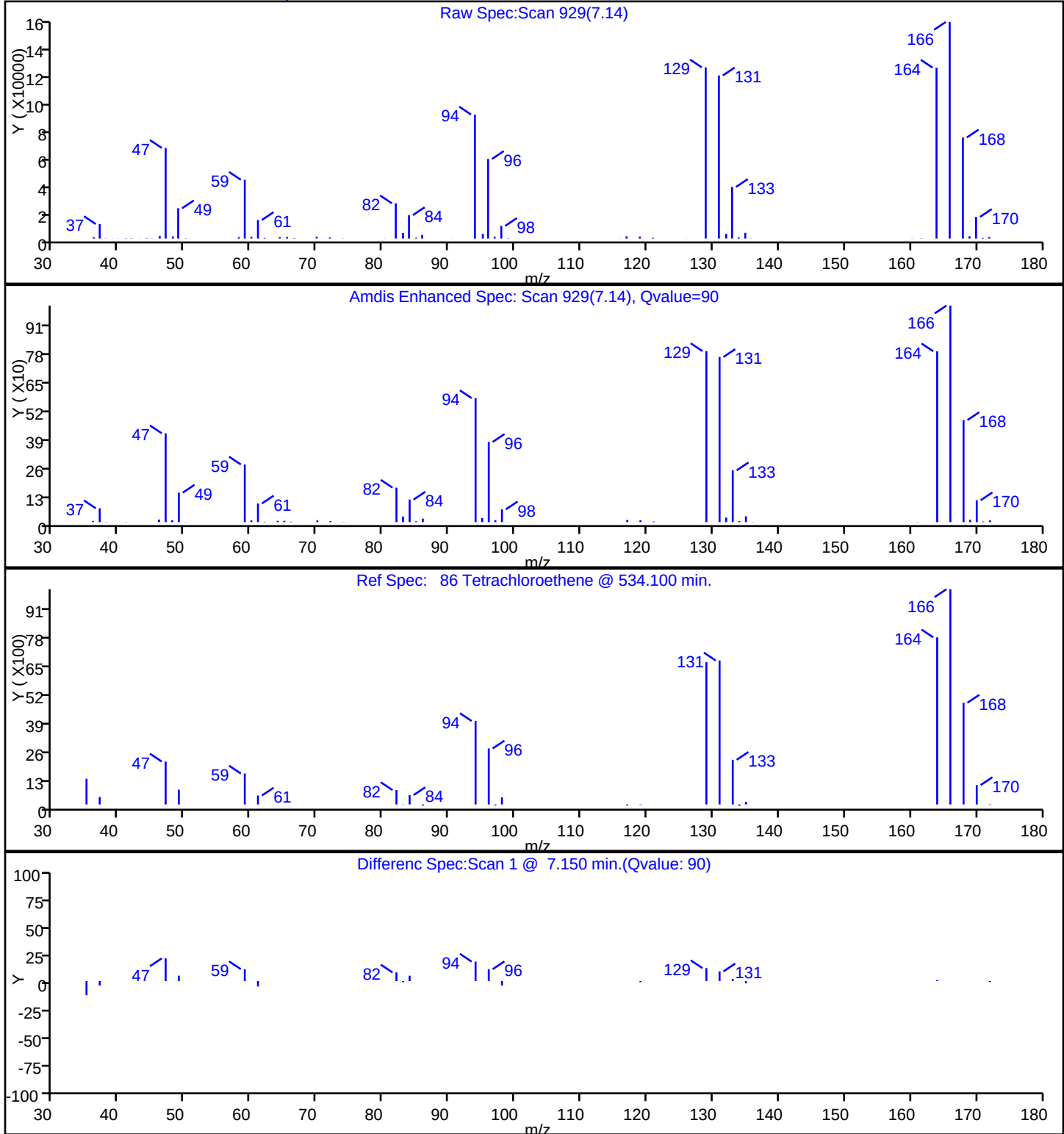
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19654.D

Injection Date: 28-Mar-2016 15:56:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-28

Lab Sample ID: 460-110867-28

Client ID: SW1-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

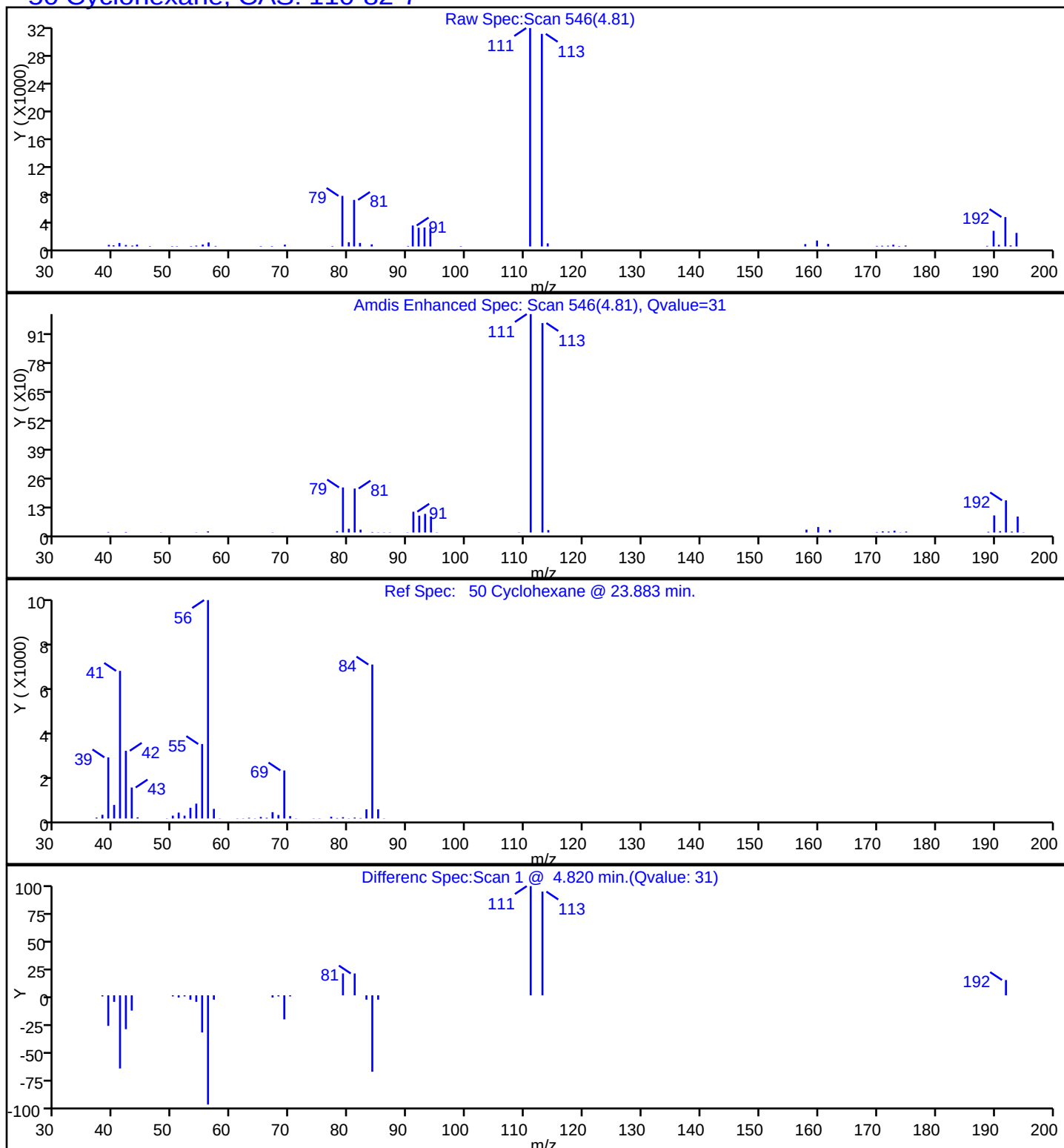
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7



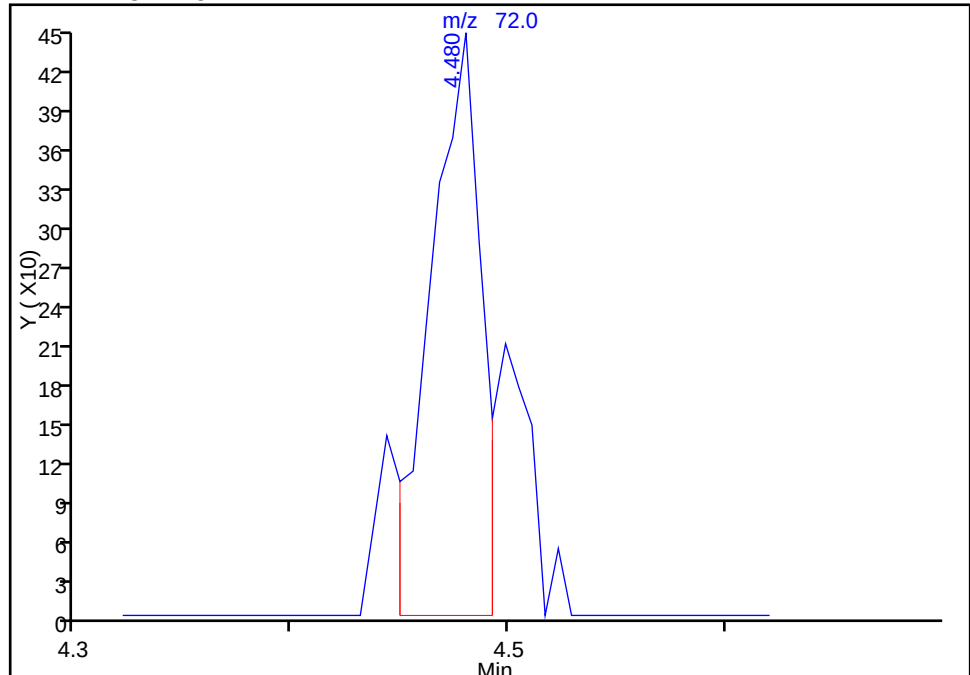
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19654.D		
Injection Date:	28-Mar-2016 15:56:30	Instrument ID:	CVOAMS1
Lims ID:	460-110867-A-28	Lab Sample ID:	460-110867-28
Client ID:	SW1-CP-00-031716		
Operator ID:	VOA GC/MS1	ALS Bottle#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	20

42 2-Butanone (MEK), CAS: 78-93-3

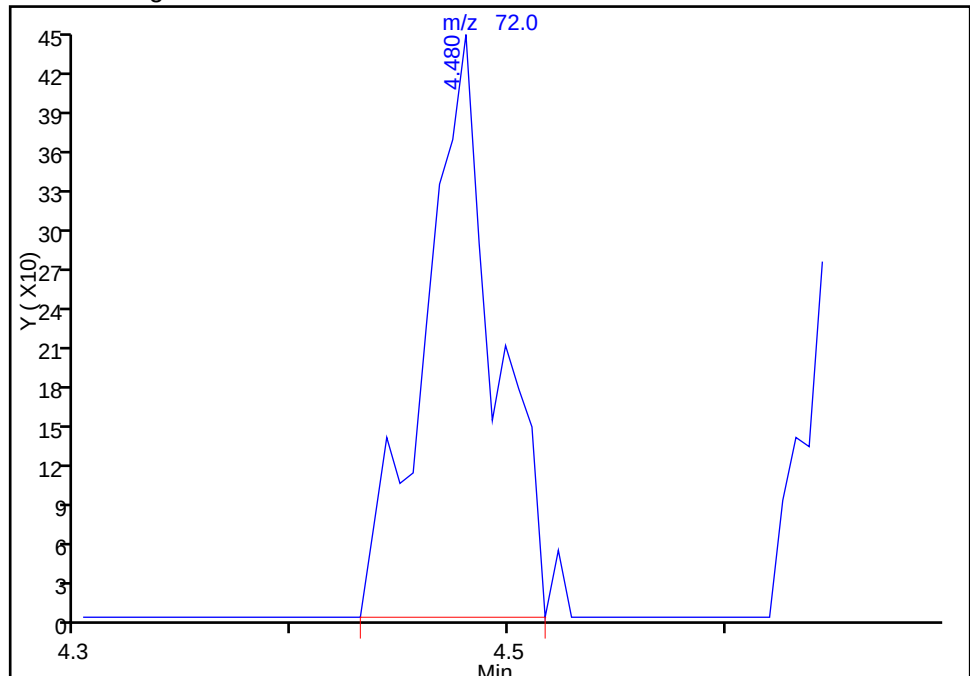
RT: 4.48
Area: 734
Amount: 2.843540
Amount Units: ug/l

Processing Integration Results



RT: 4.48
Area: 1002
Amount: 3.881780
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 29-Mar-2016 15:04:29
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: WT01-CP-00-031716 Lab Sample ID: 460-110867-29

Matrix: Water Lab File ID: A19683.D

Analysis Method: 8260C Date Collected: 03/15/2016 13:36

Sample wt/vol: 5 (mL) Date Analyzed: 03/29/2016 02:45

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.: 359204 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	41		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: WT01-CP-00-031716 Lab Sample ID: 460-110867-29
 Matrix: Water Lab File ID: A19683.D
 Analysis Method: 8260C Date Collected: 03/15/2016 13:36
 Sample wt/vol: 5 (mL) Date Analyzed: 03/29/2016 02:45
 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.: 359204 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	5.0	U	5.0	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-137
2037-26-5	Toluene-d8 (Surr)	93		74-120
460-00-4	4-Bromofluorobenzene	95		70-131
1868-53-7	Dibromofluoromethane (Surr)	96		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19683.D
 Lims ID: 460-110867-B-29 Lab Sample ID: 460-110867-29
 Client ID: WT01-CP-00-031716
 Sample Type: Client
 Inject. Date: 29-Mar-2016 02:45:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-B-29
 Misc. Info.: 460-0039108-018
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 13:51:10 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: desais

Date: 29-Mar-2016 11:10:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.078	3.084	-0.006	86	41313	40.6	M
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	219744	1000.0	
* 39 2-Butanone-d5	46	4.431	4.437	-0.006	0	299629	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	93	89449	48.0	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	136931	48.4	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	361688	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	13117	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.662	6.669	-0.007	97	316909	46.6	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	93	231896	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	75496	47.4	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.186	-0.006	96	121921	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39108.b\\A19683.D

Injection Date: 29-Mar-2016 02:45:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-29

Lab Sample ID: 460-110867-29

Worklist Smp#: 18

Client ID: WT01-CP-00-031716

Purge Vol: 5.000 mL

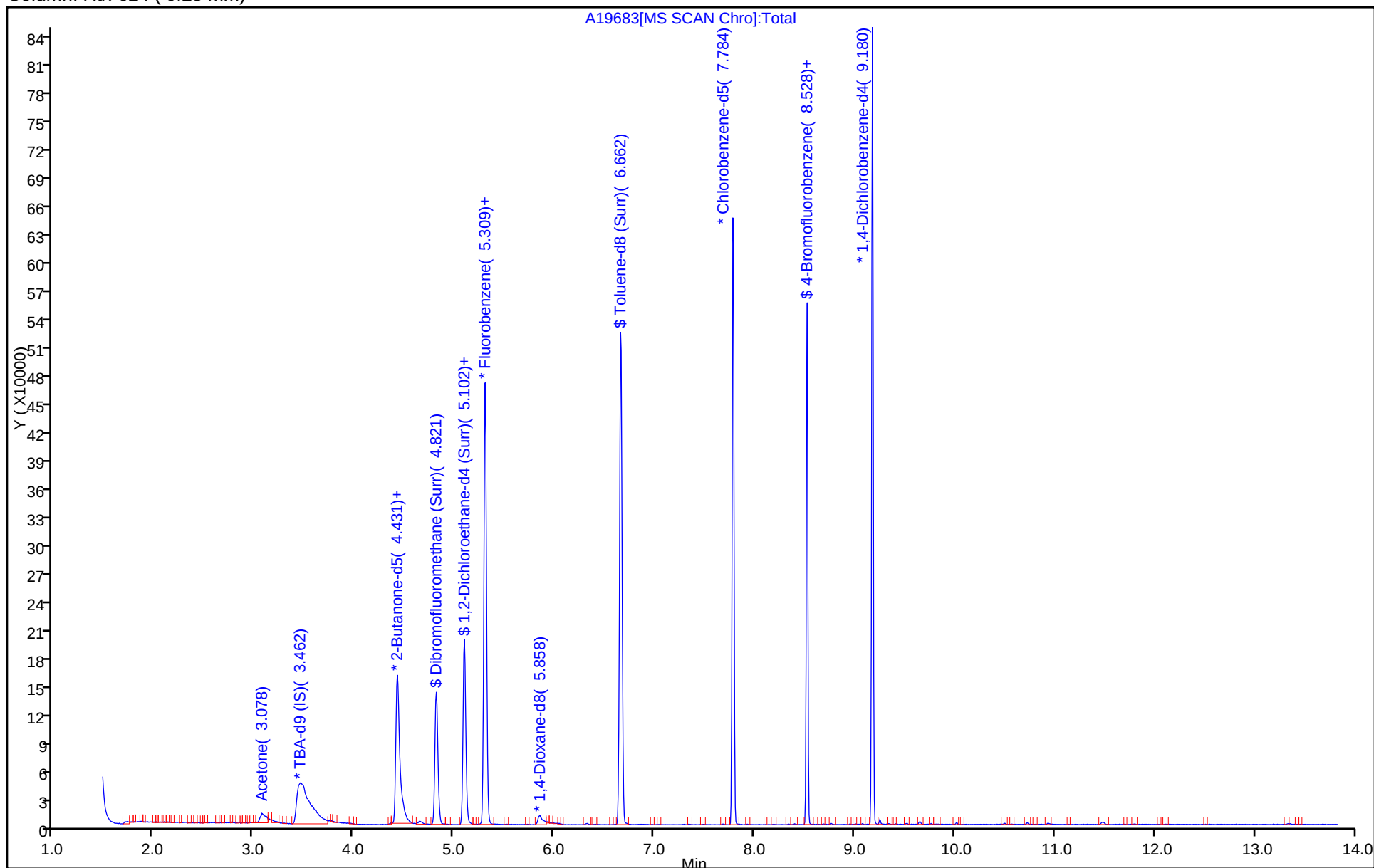
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19683.D

Injection Date: 29-Mar-2016 02:45:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-B-29

Lab Sample ID: 460-110867-29

Client ID: WT01-CP-00-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

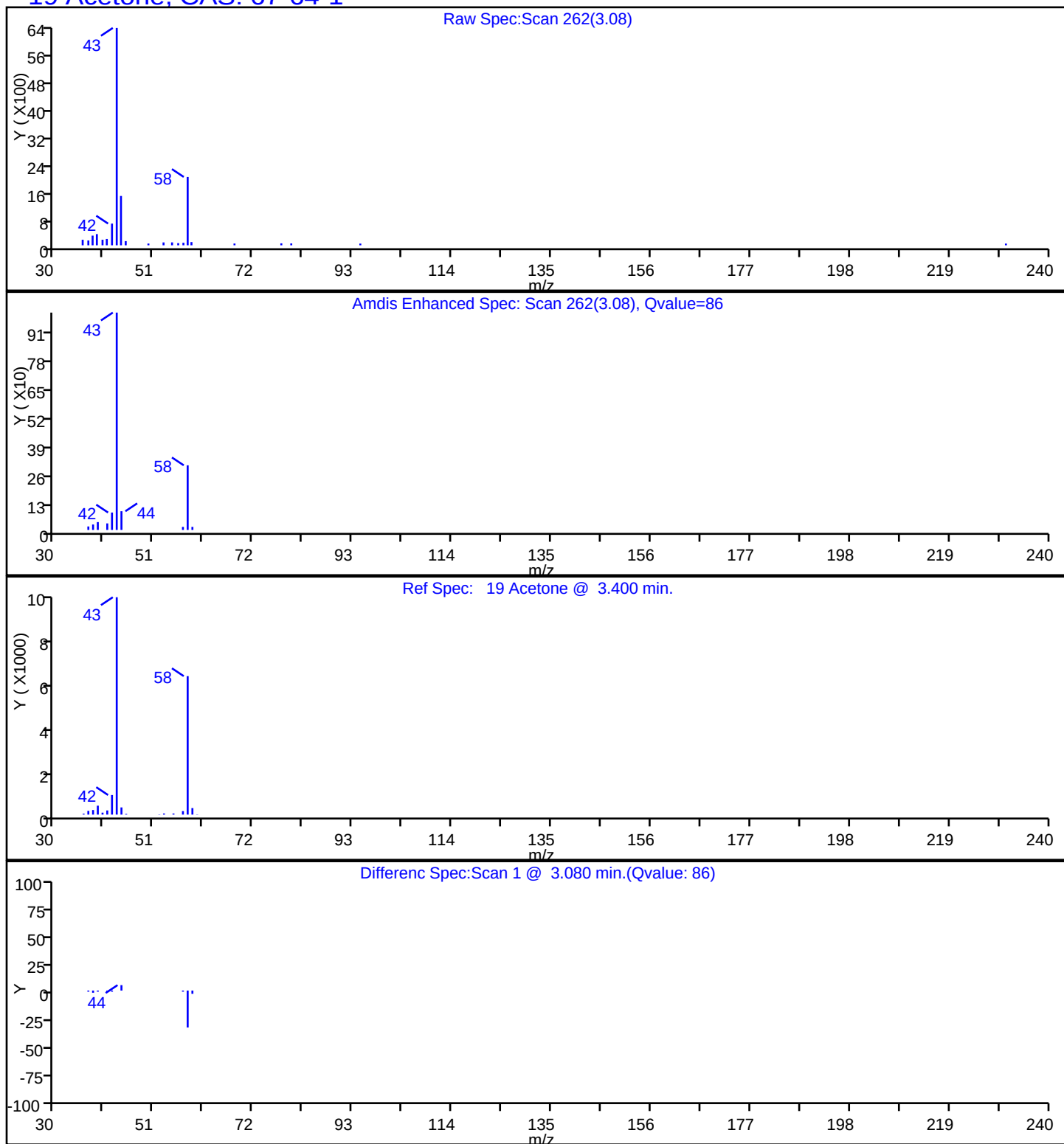
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

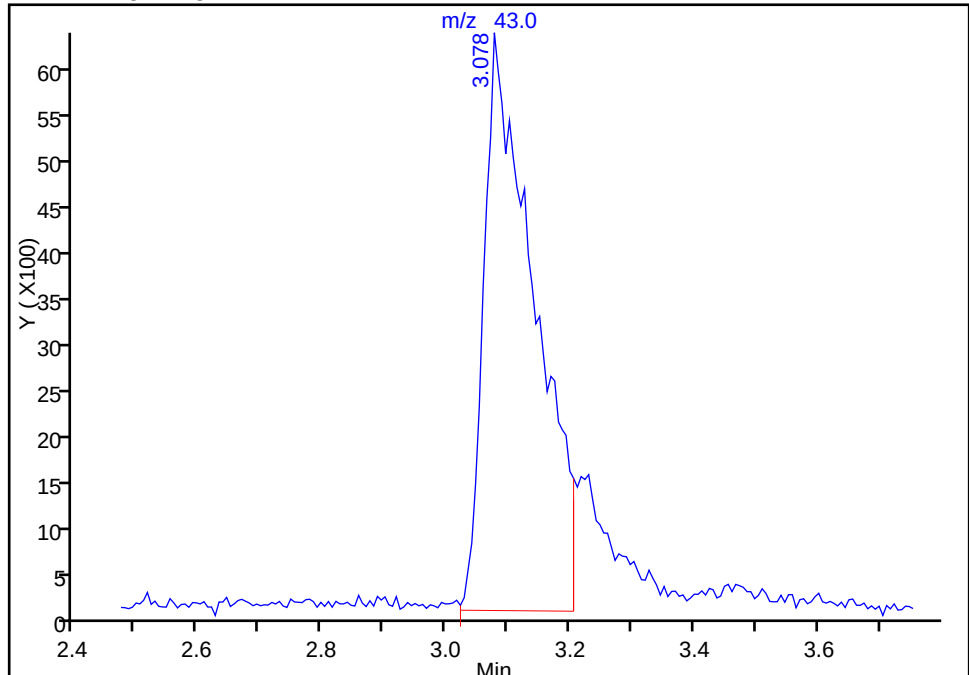
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19683.D		
Injection Date:	29-Mar-2016 02:45:30	Instrument ID:	CVOAMS1
Lims ID:	460-110867-B-29	Lab Sample ID:	460-110867-29
Client ID:	WT01-CP-00-031716		
Operator ID:	VOA GC/MS1	ALS Bottle#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	18

19 Acetone, CAS: 67-64-1

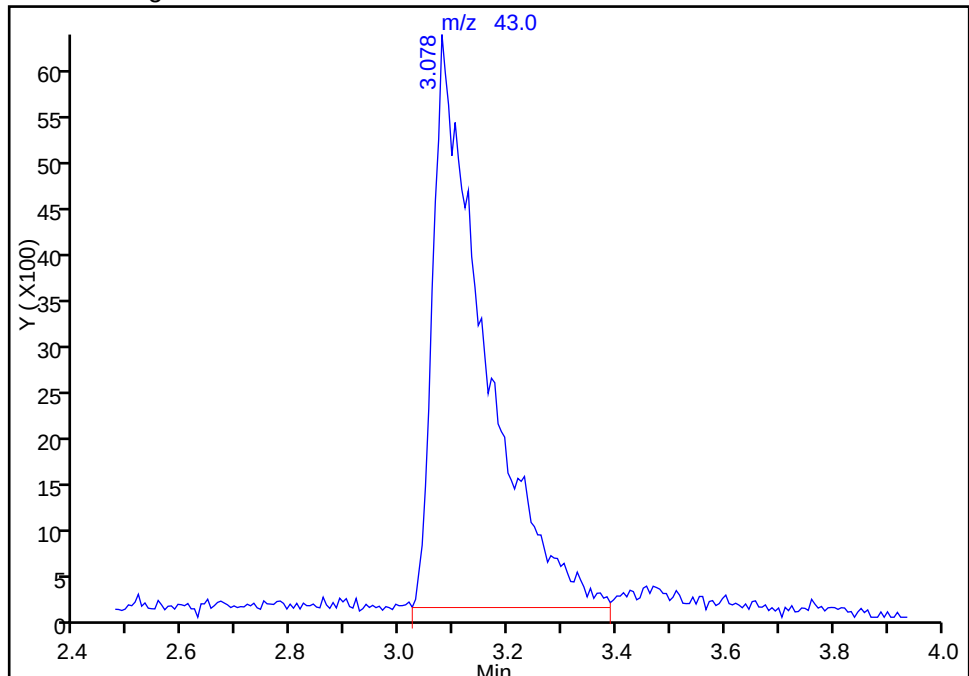
RT: 3.08
Area: 35823
Amount: 35.190299
Amount Units: ug/l

Processing Integration Results



RT: 3.08
Area: 41313
Amount: 40.583335
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 29-Mar-2016 13:51:10
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>WT01-CP-01-031716</u>	Lab Sample ID: <u>460-110867-30</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19656.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 13:36</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 16:40</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	43		5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: WT01-CP-01-031716 Lab Sample ID: 460-110867-30
 Matrix: Water Lab File ID: A19656.D
 Analysis Method: 8260C Date Collected: 03/15/2016 13:36
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 16:40
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	0.36	J	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-137
2037-26-5	Toluene-d8 (Surr)	98		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19656.D
 Lims ID: 460-110867-A-30 Lab Sample ID: 460-110867-30
 Client ID: WT01-CP-01-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 16:40:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-30
 Misc. Info.: 460-0039079-022
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:33:03 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: baronm

Date: 29-Mar-2016 15:33:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	43	3.078	3.078	0.000	87	42595	43.4	
* 28 TBA-d9 (IS)	65	3.450	3.456	-0.006	0	224890	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	289025	250.0	
50 Cyclohexane	56	4.803	4.803	0.000	33	1351	0.3596	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	95680	50.9	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	144931	50.8	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	364689	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14415	1000.0	M
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	344732	48.9	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	240646	50.0	
\$ 103 4-Bromofluorobenzene	174	8.534	8.534	0.000	83	82893	50.1	
* 119 1,4-Dichlorobenzene-d4	152	9.192	9.193	-0.001	97	125565	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19656.D

Injection Date: 28-Mar-2016 16:40:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-30

Lab Sample ID: 460-110867-30

Worklist Smp#: 22

Client ID: WT01-CP-01-031716

Purge Vol: 5.000 mL

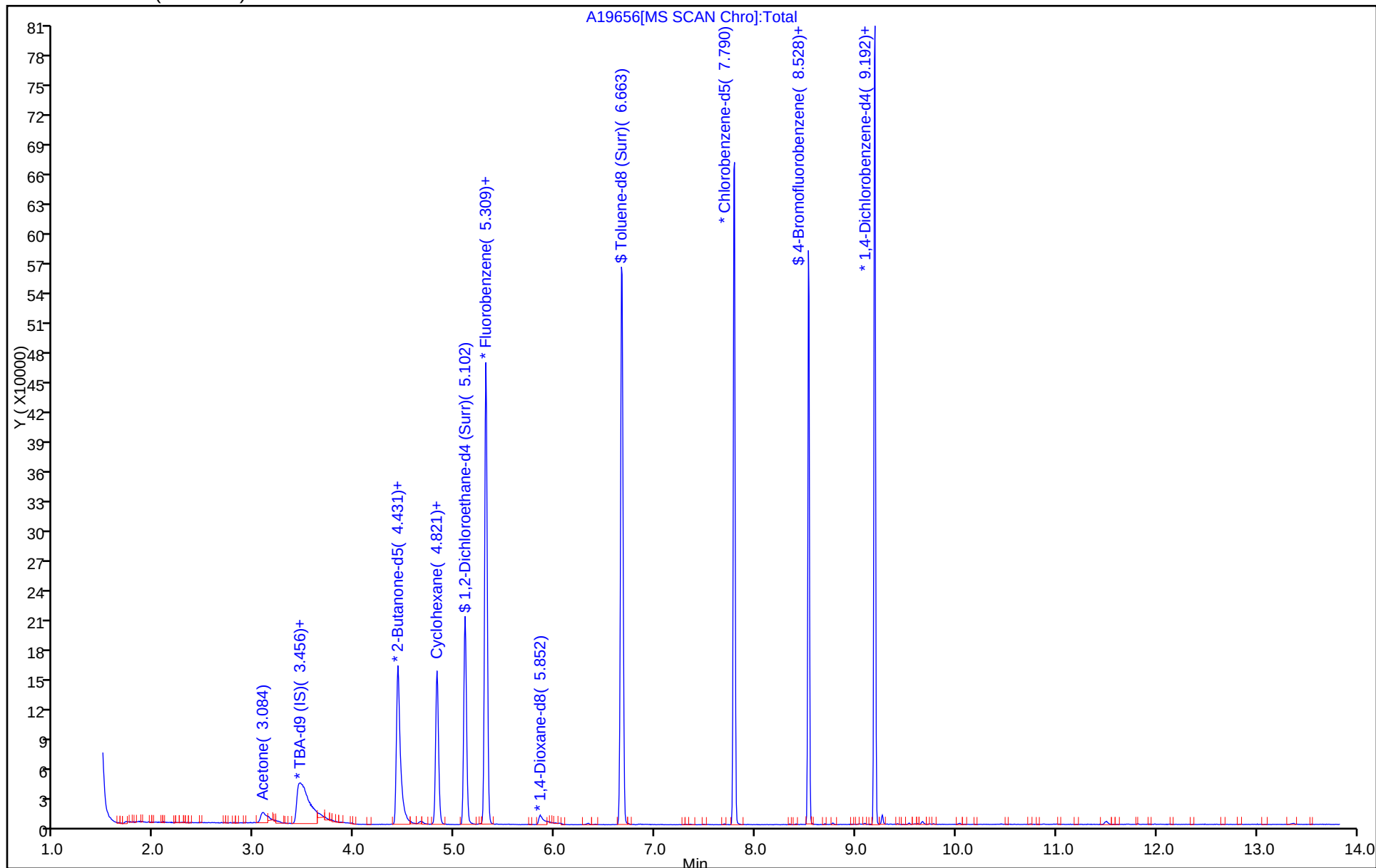
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19656.D

Injection Date: 28-Mar-2016 16:40:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-30

Lab Sample ID: 460-110867-30

Client ID: WT01-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

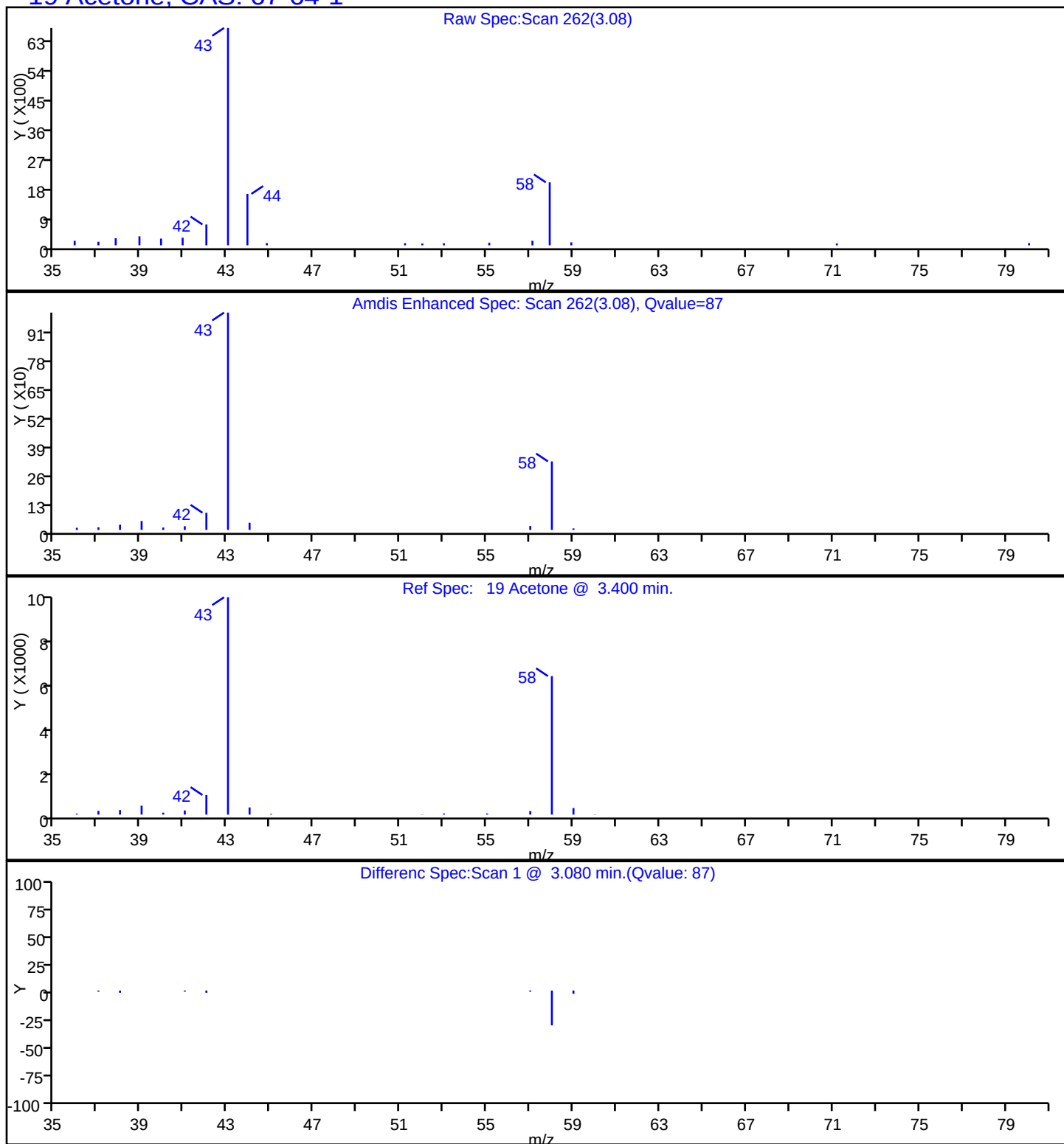
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19656.D

Injection Date: 28-Mar-2016 16:40:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-30

Lab Sample ID: 460-110867-30

Client ID: WT01-CP-01-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

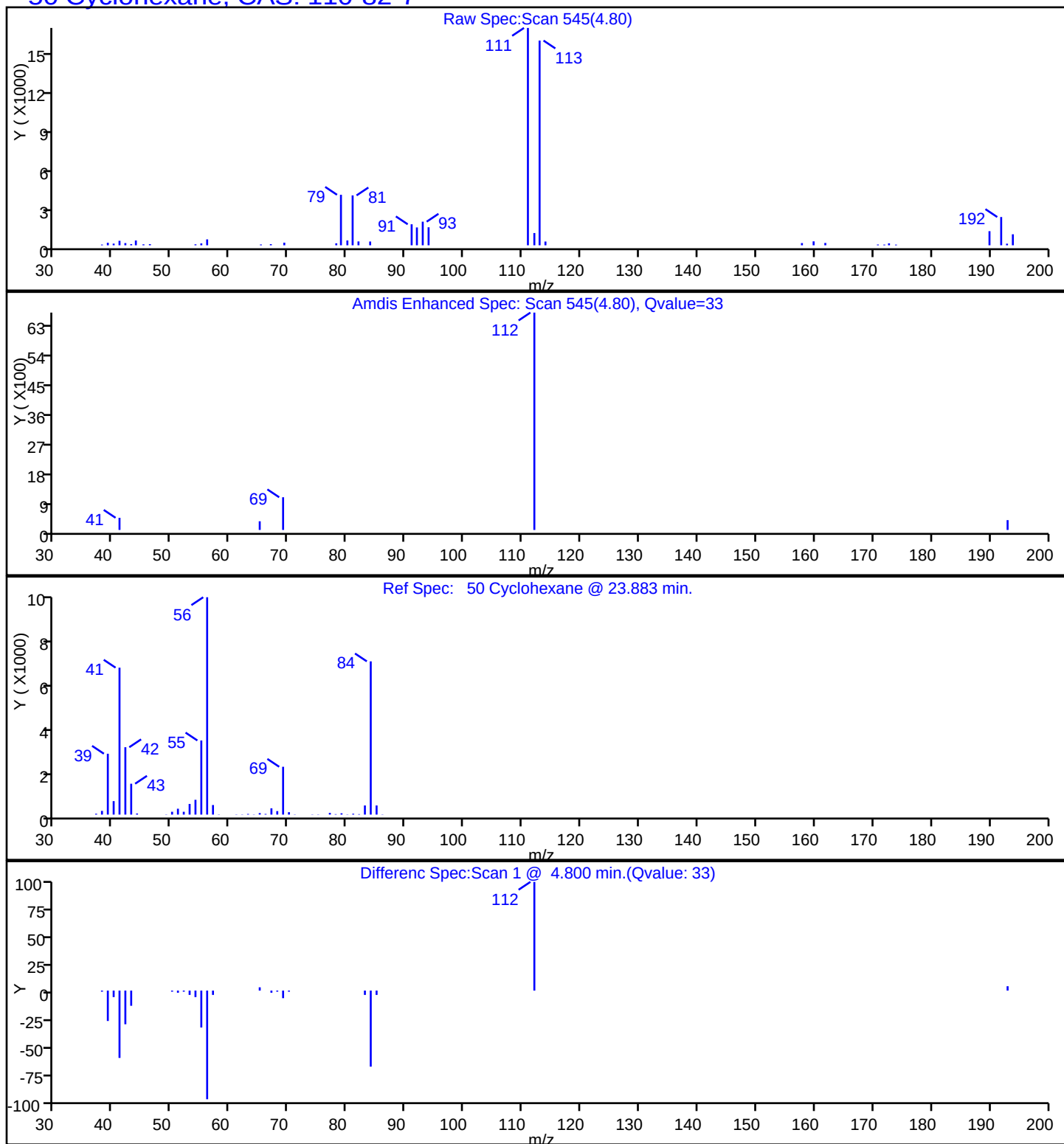
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

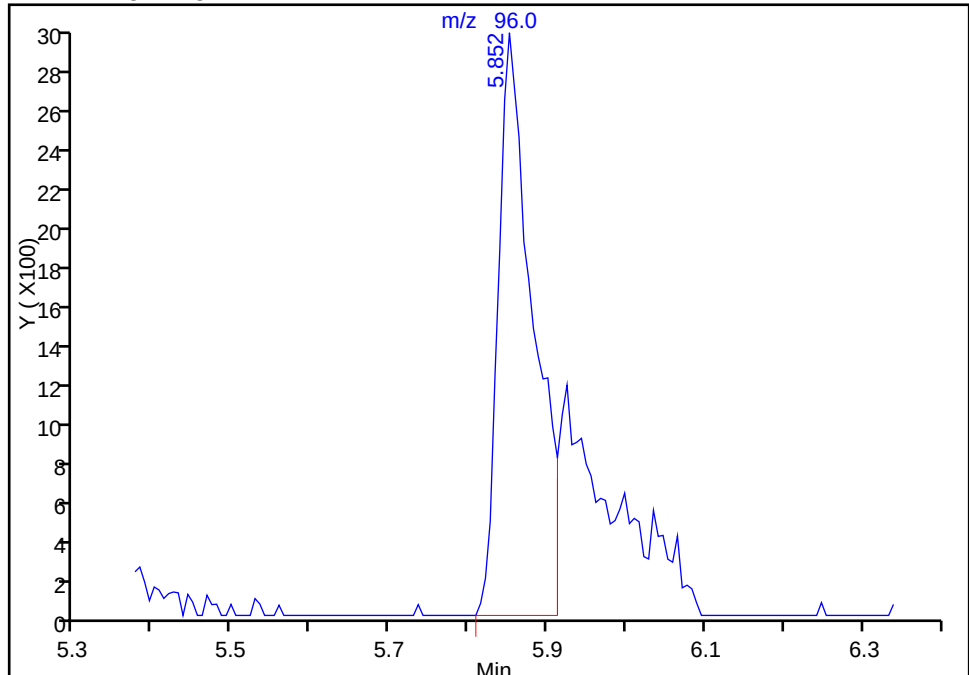
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19656.D		
Injection Date:	28-Mar-2016 16:40:30	Instrument ID:	CVOAMS1
Lims ID:	460-110867-A-30	Lab Sample ID:	460-110867-30
Client ID:	WT01-CP-01-031716		
Operator ID:	VOA GC/MS1	ALS Bottle#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	22

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

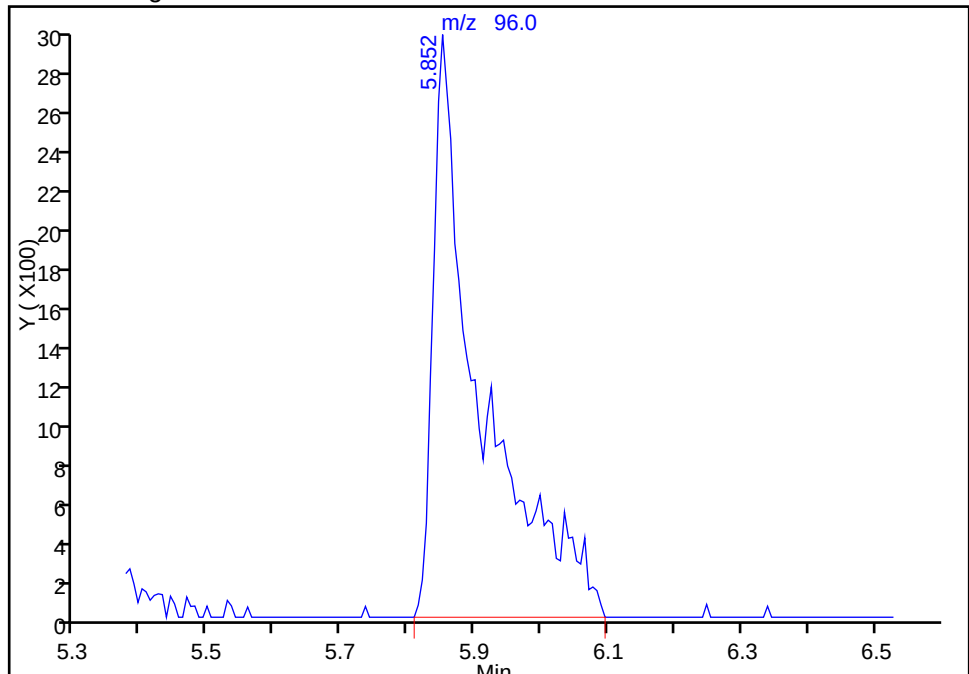
RT: 5.85
Area: 9021
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.85
Area: 14415
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 29-Mar-2016 15:15:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>xtB01-CP-QC-031716</u>	Lab Sample ID: <u>460-110867-31</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19644.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/17/2016 08:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 12:19</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	0.68	J	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.6		1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	3.7		1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	4.9		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: xtB01-CP-QC-031716 Lab Sample ID: 460-110867-31
 Matrix: Water Lab File ID: A19644.D
 Analysis Method: 8260C Date Collected: 03/17/2016 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 12:19
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-137
2037-26-5	Toluene-d8 (Surr)	97		74-120
460-00-4	4-Bromofluorobenzene	96		70-131
1868-53-7	Dibromofluoromethane (Surr)	96		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19644.D
 Lims ID: 460-110867-A-31 Lab Sample ID: 460-110867-31
 Client ID: xTB01-CP-QC-031716
 Sample Type: Client
 Inject. Date: 28-Mar-2016 12:19:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-110867-A-31
 Misc. Info.: 460-0039079-010
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 19:09:42 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.456	0.018	0	231875	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	309690	250.0	
49 Chloroform	83	4.700	4.693	0.007	96	2918	0.6834	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	93	102889	48.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	152453	47.1	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	414067	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	17371	1000.0	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	5068	1.59	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	98	375278	48.6	
90 Chlorodibromomethane	129	7.394	7.388	0.006	96	6840	3.71	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	263086	50.0	
101 Bromoform	173	8.345	8.345	0.000	88	4873	4.88	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	87056	48.2	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.193	-0.007	96	135795	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19644.D

Injection Date: 28-Mar-2016 12:19:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-A-31

Lab Sample ID: 460-110867-31

Worklist Smp#: 10

Client ID: xTB01-CP-QC-031716

Purge Vol: 5.000 mL

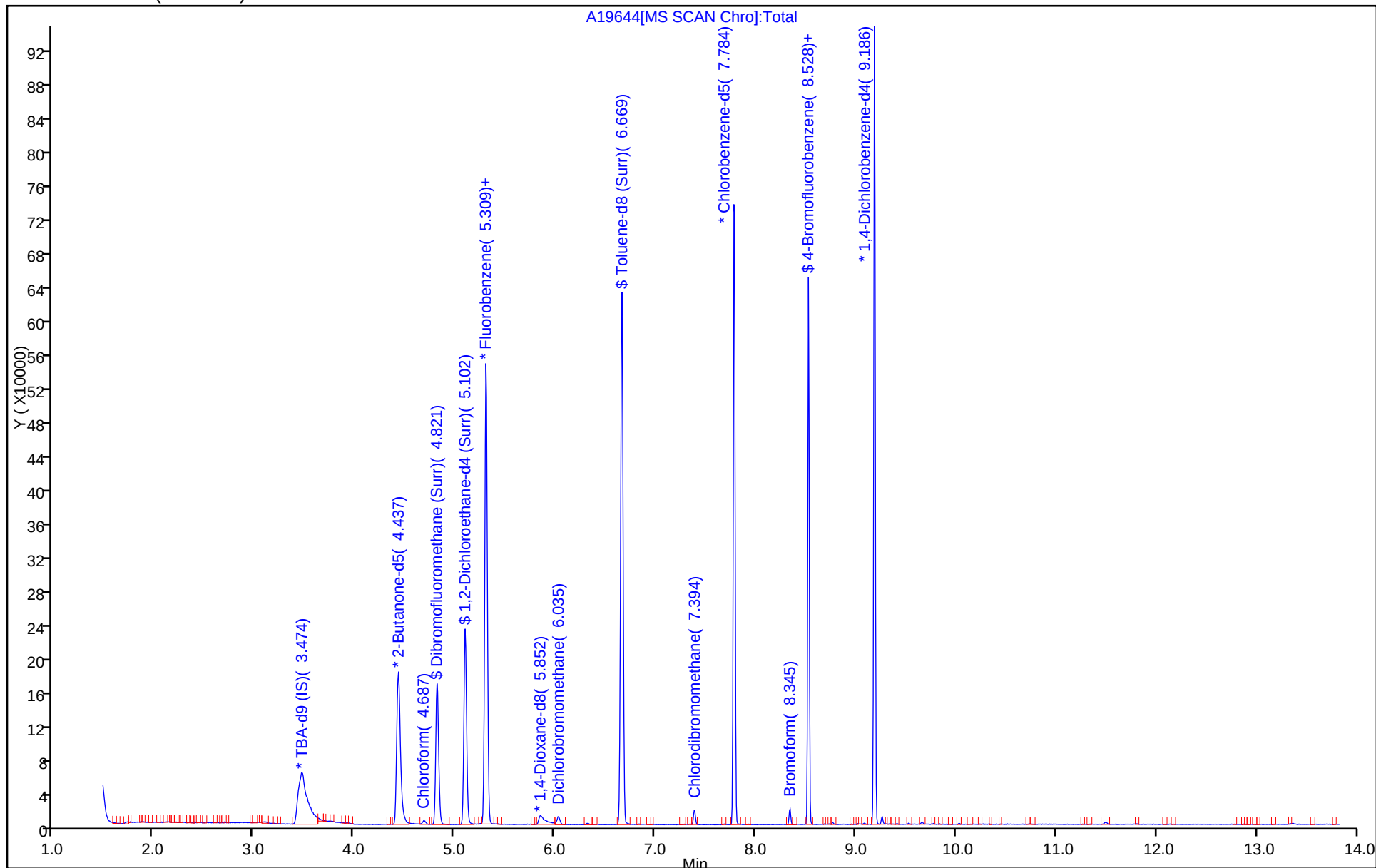
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19644.D

Injection Date: 28-Mar-2016 12:19:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-31

Lab Sample ID: 460-110867-31

Client ID: xTB01-CP-QC-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

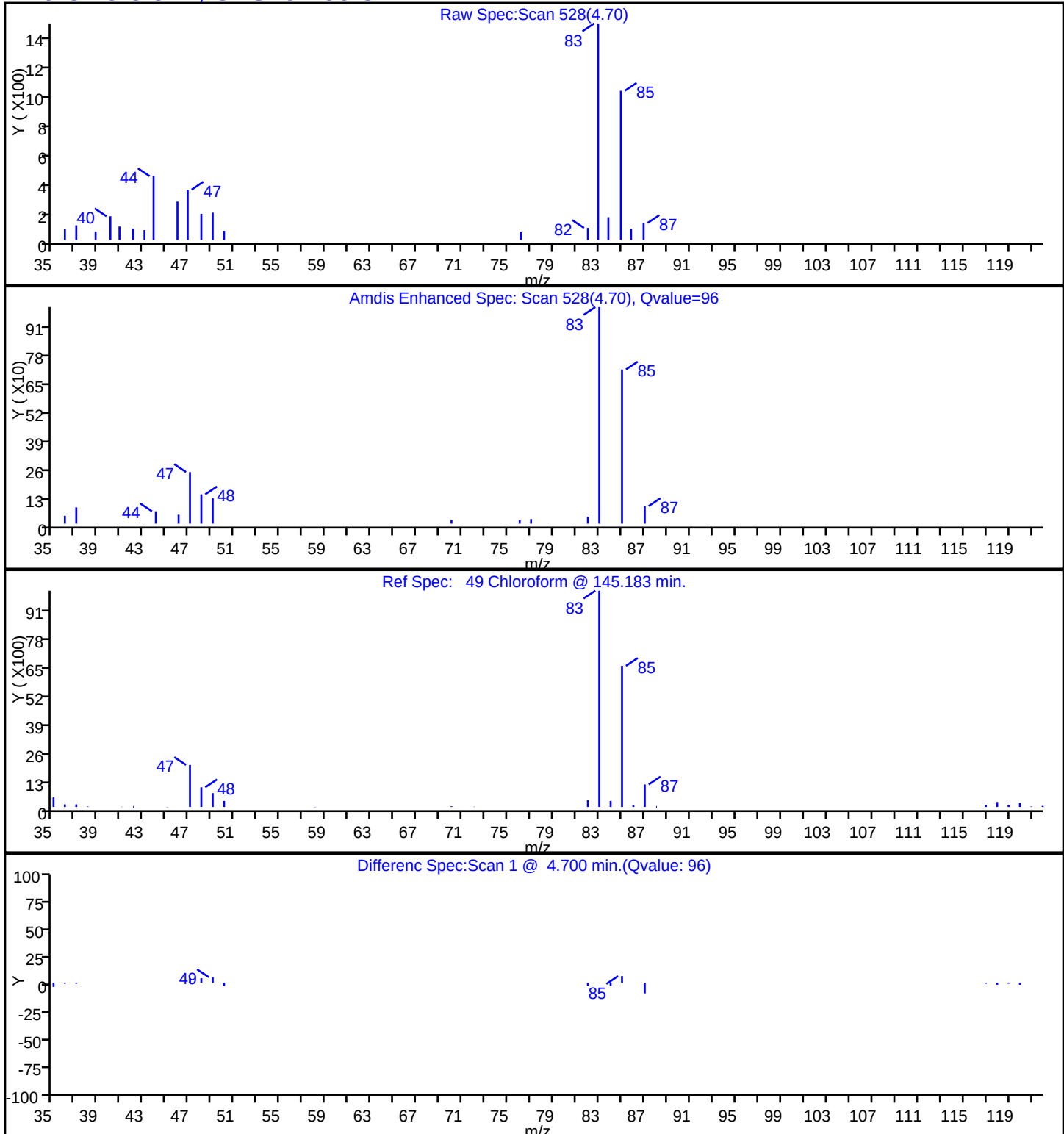
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Chloroform, CAS: 67-66-3

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19644.D

Injection Date: 28-Mar-2016 12:19:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-31

Lab Sample ID: 460-110867-31

Client ID: xTB01-CP-QC-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

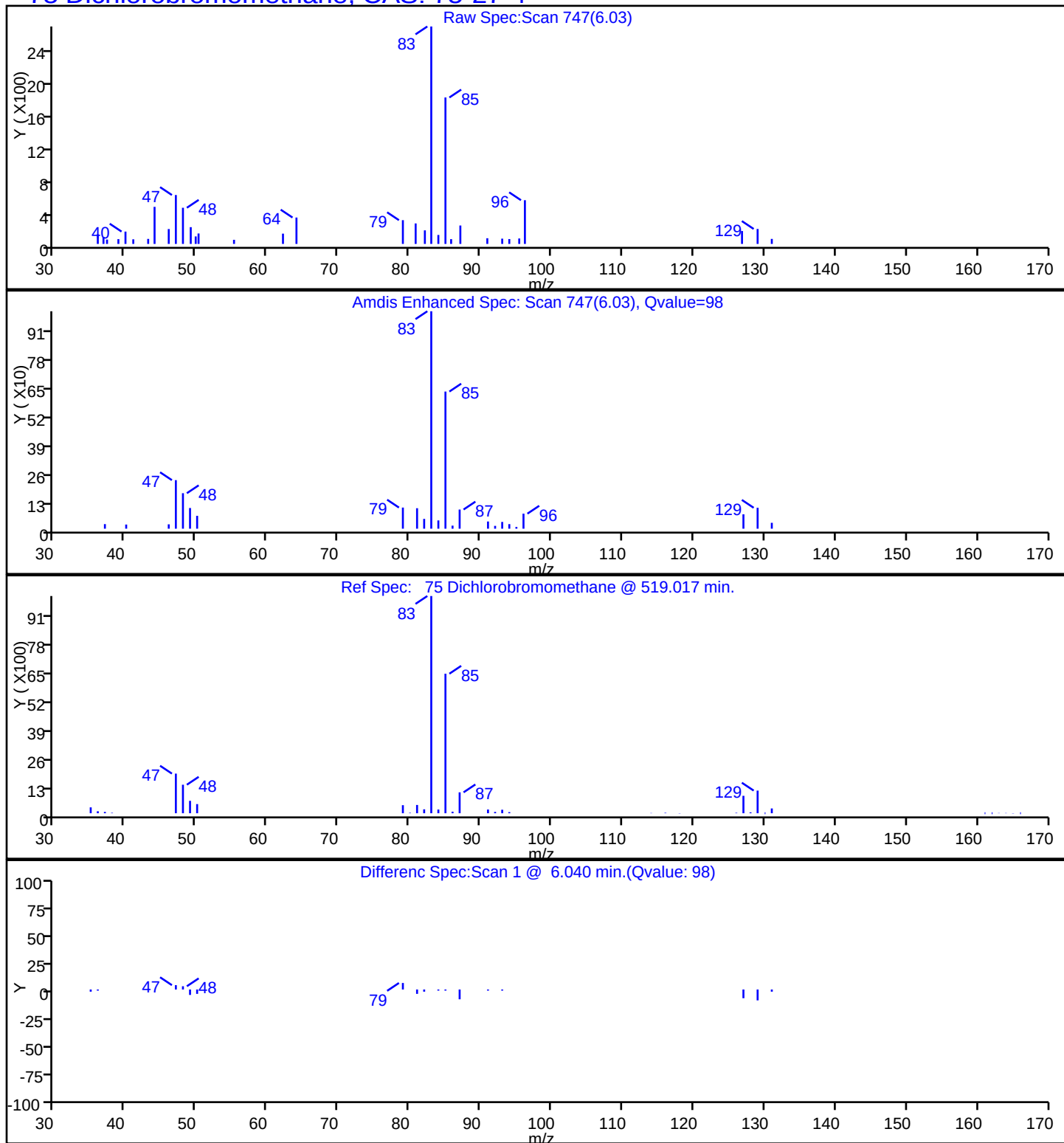
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

75 Dichlorobromomethane, CAS: 75-27-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19644.D

Injection Date: 28-Mar-2016 12:19:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-31

Lab Sample ID: 460-110867-31

Client ID: xTB01-CP-QC-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

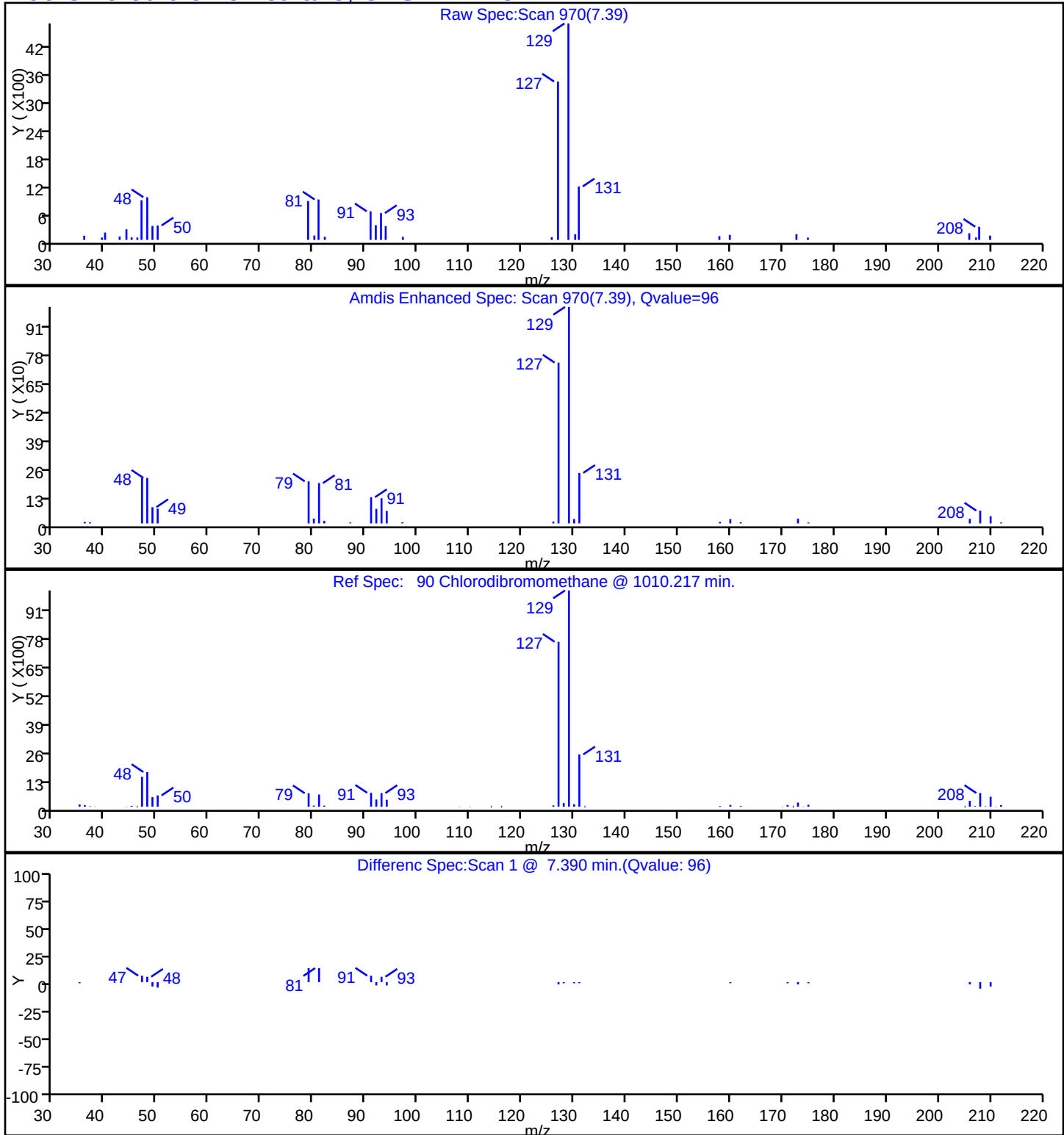
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

90 Chlorodibromomethane, CAS: 124-48-1

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19644.D

Injection Date: 28-Mar-2016 12:19:30

Instrument ID: CVOAMS1

Lims ID: 460-110867-A-31

Lab Sample ID: 460-110867-31

Client ID: xTB01-CP-QC-031716

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

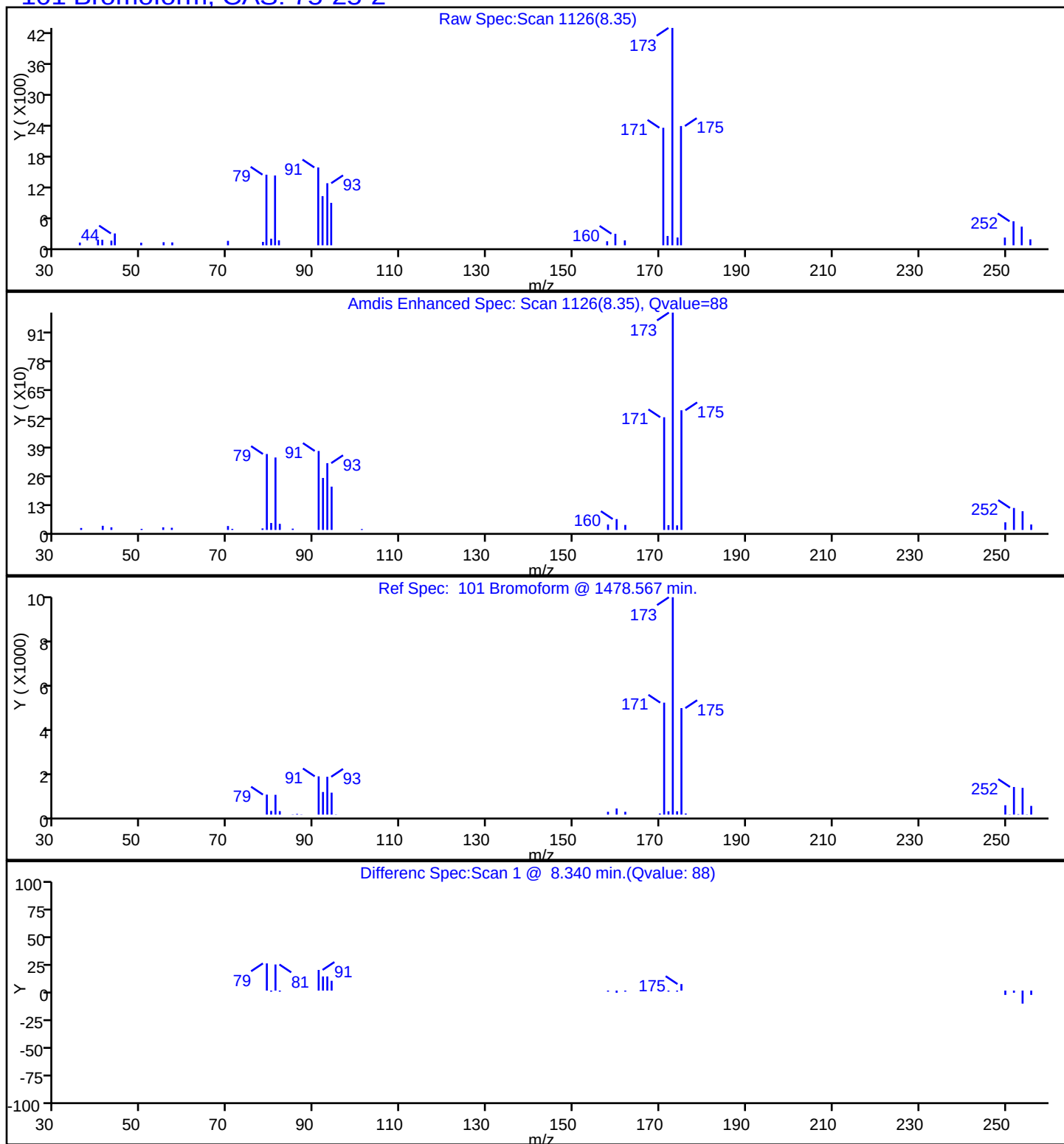
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

101 Bromoform, CAS: 75-25-2

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-358573/4	A19536.D
Level 2	STD1 460-358573/6	A19538.D
Level 3	STD5 460-358573/7	A19539.D
Level 4	STD20 460-358573/8	A19540.D
Level 5	STD50 460-358573/9	A19541.D
Level 6	STD200 460-358573/10	A19542.D
Level 7	STD500 460-358573/11	A19543.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0802	0.0779 0.0732	0.0913	0.0889	0.0900	Ave		0.0836				8.9		20.0			
Dichlorodifluoromethane	+++++ 0.5400	0.5909 0.4929	0.7010	0.5988	0.5932	Ave		0.5861			0.1000	11.9		20.0			
Chloromethane	+++++ 0.6071	0.7969 0.5236	0.7674	0.6737	0.6420	Ave		0.6685			0.1000	15.2		20.0			
Vinyl chloride	+++++ 0.5198	0.6989 0.4589	0.6531	0.5580	0.5459	Ave		0.5724			0.1000	15.4		20.0			
Butadiene	+++++ 0.4883	0.6152 0.4260	0.6606	0.5561	0.5396	Ave		0.5476				15.5		20.0			
Bromomethane	+++++ 0.2772	0.3765 0.2306	0.3564	0.3173	0.3015	Ave		0.3099			0.1000	17.1		20.0			
Chloroethane	+++++ 0.2567	0.3637 0.2033	0.3400	0.2994	0.2786	Ave		0.2903			0.1000	20.0		20.0			
Dichlorofluoromethane	+++++ 0.6275	0.8523 0.5220	0.8178	0.7151	0.6822	Ave		0.7028				17.4		20.0			
Trichlorofluoromethane	+++++ 0.4498	0.4666 0.3884	0.5697	0.4785	0.4826	Ave		0.4726			0.1000	12.4		20.0			
Pentane	+++++ 0.0620	0.0412 0.0520	0.0510	0.0571	0.0619	Ave		0.0542				14.6		20.0			
Ethanol	+++++ 0.0440	0.0959 0.0404	0.0396	0.0446	0.0579	QuaF		0.0480	0						0.9990		0.9900
Ethyl ether	+++++ 0.2635	0.3701 0.2250	0.3144	0.2807	0.2849	Ave		0.2898				16.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3118	0.3211 0.2668	0.3105	0.3016	0.3051	Ave		0.3028				6.2		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2187	0.2609 0.1921	0.2197	0.2213	0.2259	Ave		0.2231				9.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	++++ 0.6148	1.0140 0.5925	0.7049	0.6238	0.6539	Lin2	1.6332	0.6074							0.9990		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2632	0.1271 0.2347	0.2089	0.2596	0.2693	Qua2	-0.140	0.2629	-0.000046		0.1000				0.9970		0.9900
1,1-Dichloroethene	++++ 0.2584	0.3494 0.2358	0.2963	0.2594	0.2736	Ave		0.2788			0.1000	14.3		20.0			
Acetone	++++ 0.7556	1.0755 0.6707	0.9435	0.8270	0.8239	Ave		0.8494			0.0500	16.8		20.0			
Iodomethane	++++ 0.4096	0.5300 0.3797	0.4803	0.4218	0.4273	Ave		0.4415				12.3		20.0			
Carbon disulfide	++++ 1.0659	1.3998 0.9729	1.2303	1.0744	1.1561	Ave		1.1499			0.1000	13.1		20.0			
Isopropyl alcohol	++++ 0.4503	0.9342 0.3920	0.6694	0.5736	0.5256	Qua2	3.8778	0.5544	-0.000036						0.9970		0.9900
Allyl chloride	++++ 0.1757	0.2591 ++++	0.2184	0.1614	0.1868	Ave		0.2003				19.5		20.0			
Methyl acetate	++++ 0.2712	0.3620 0.2409	0.3351	0.3002	0.3046	Ave		0.3023			0.1000	14.3		20.0			
Cyclopentene	++++ 0.8353	0.9062 0.7904	0.8192	0.8476	0.8389	Ave		0.8396				4.6		20.0			
Acetonitrile	++++ 1.6312	1.9354 1.2788	1.8132	2.0951	2.1063	Ave		1.8100				17.5		20.0			
Methylene Chloride	++++ 0.3364	0.4339 0.3110	0.3961	0.3529	0.3507	Ave		0.3635			0.1000	12.2		20.0			
TBA	++++ 1.0675	1.2184 1.0808	1.2651	1.0726	1.0707	Ave		1.1292				7.8		20.0			
Methyl tert-butyl ether	++++ 0.8961	1.1185 0.8190	0.9649	0.9012	0.9180	Ave		0.9363			0.1000	10.8		20.0			
trans-1,2-Dichloroethene	++++ 0.2848	0.3543 0.2700	0.3176	0.2797	0.2898	Ave		0.2994			0.1000	10.5		20.0			
Acrylonitrile	0.1750 0.1357	0.1763 0.1221	0.1573	0.1470	0.1493	Ave		0.1518				13.0		20.0			
Hexane	++++ 0.3343	0.2247 0.2740	0.2206	0.3306	0.3554	QuaF		0.3722	-0.000196						1.0000		0.9900
Isopropyl ether	++++ 1.2954	1.4916 1.1726	1.2845	1.3344	1.2949	Ave		1.3122				7.9		20.0			
1,1-Dichloroethane	++++ 0.6341	0.7854 0.5679	0.6959	0.6230	0.6441	Ave		0.6584			0.2000	11.3		20.0			
Vinyl acetate	++++ 0.0499	0.0520 0.0498	0.0510	0.0477	0.0492	Ave		0.0499				3.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	++++ 0.2478	0.2642 0.2196	0.2390	0.2377	0.2377	Ave		0.2410				6.1		20.0			
Tert-butyl ethyl ether	++++ 0.9837	1.1169 0.9093	0.9702	0.9891	0.9798	Ave		0.9915				6.9		20.0			
2,2-Dichloropropane	++++ 0.0716	0.0722 0.0703	0.0801	0.0701	0.0726	Ave		0.0728				5.1		20.0			
cis-1,2-Dichloroethene	++++ 0.2966	0.3543 0.2829	0.3254	0.2900	0.2979	Ave		0.3078			0.1000	8.8		20.0			
Ethyl acetate	++++ 0.1859	0.2325 0.1809	0.1752	0.1747	0.1780	Ave		0.1879				11.8		20.0			
2-Butanone	++++ 0.2219	0.2496 0.2151	0.2223	0.2133	0.2221	Ave		0.2240			0.0500	5.9		20.0			
Methyl acrylate	++++ 0.3017	0.3643 0.2759	0.3101	0.3058	0.3027	Ave		0.3101				9.4		20.0			
Propionitrile	++++ 0.0488	0.0609 0.0444	0.0530	0.0535	0.0517	Ave		0.0520				10.5		20.0			
Bromochloromethane	++++ 0.1300	0.1424 0.1241	0.1394	0.1243	0.1288	Ave		0.1315				5.9		20.0			
Tetrahydrofuran	++++ 0.2642	0.3112 0.2448	0.2482	0.2400	0.2398	Ave		0.2580				10.7		20.0			
Methacrylonitrile	++++ 0.1283	0.1456 0.1083	0.1272	0.1336	0.1329	Ave		0.1293				9.4		20.0			
Chloroform	++++ 0.5003	0.6041 0.4096	0.5610	0.4976	0.5210	Ave		0.5156			0.2000	12.8		20.0			
Cyclohexane	++++ 0.6049	0.3651 0.5391	0.4202	0.5512	0.6098	Ave		0.5150			0.1000	19.5		20.0			
1,1,1-Trichloroethane	++++ 0.3929	0.4523 0.3755	0.3584	0.3518	0.3694	Ave		0.3834			0.1000	9.6		20.0			
Carbon tetrachloride	++++ 0.3573	0.3513 0.3405	0.2969	0.2844	0.3150	Ave		0.3242			0.1000	9.3		20.0			
1,1-Dichloropropene	++++ 0.4138	0.4506 0.3801	0.3864	0.3718	0.4081	Ave		0.4018				7.2		20.0			
Isobutyl alcohol	++++ 0.5234	0.6067 0.5146	0.6341	0.5718	0.5665	Ave		0.5695				8.1		20.0			
2,2,4-Trimethylpentane	++++ 0.5601	0.5049 0.5168	0.5832	0.5757	0.5565	Ave		0.5495				5.8		20.0			
Benzene	++++ 1.7873	2.1184 1.6284	1.9009	1.6888	1.7473	Ave		1.8118			0.5000	9.7		20.0			
Isopropyl acetate	++++ 1.0925	1.3128 0.8809	1.1325	1.1531	1.1402	Ave		1.1187				12.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	++++ 0.9580	1.0172 0.8220	0.8734	0.9701	0.9622	Ave		0.9338				7.7		20.0			
1,2-Dichloroethane	++++ 0.4068	0.5769 0.3272	0.4818	0.4297	0.4402	Ave		0.4438			0.1000	18.7		20.0			
n-Heptane	++++ 0.2687	0.0785 0.2149	0.1437	0.2462	0.2701	QuaF		0.2995	-0.000169						1.0000		0.9900
n-Butanol	++++ 0.2357	0.2568 0.2589	0.2031	0.2218	0.2337	Ave		0.2350				9.0		20.0			
Trichloroethene	++++ 0.2716	0.3145 0.2662	0.2648	0.2415	0.2618	Ave		0.2701			0.2000	8.9		20.0			
Ethyl acrylate	++++ 0.7989	0.6052 0.7277	0.5864	0.7731	0.8026	Ave		0.7157				13.5		20.0			
Methylcyclohexane	++++ 0.3861	0.1715 0.3435	0.2313	0.3734	0.4031	QuaF		0.4127	-0.000138		0.1000				1.0000		0.9900
1,2-Dichloropropane	++++ 0.3336	0.4217 0.3086	0.3657	0.3268	0.3391	Ave		0.3492			0.1000	11.5		20.0			
Methyl methacrylate	++++ 0.0661	0.0641 0.0650	0.0598	0.0618	0.0631	Ave		0.0633				3.6		20.0			
n-Propyl acetate	++++ 0.5266	0.5832 0.4694	0.5089	0.5426	0.5454	Ave		0.5294				7.2		20.0			
1,4-Dioxane	++++ 0.8561	1.0303 0.6478	1.0416	1.0847	0.9975	Ave		0.9430				17.4		20.0			
Dibromomethane	++++ 0.1767	0.2180 0.1676	0.1839	0.1723	0.1748	Ave		0.1822				10.1		20.0			
Bromodichloromethane	++++ 0.3902	0.4308 0.3816	0.3851	0.3538	0.3735	Ave		0.3859			0.2000	6.6		20.0			
2-Chloroethyl vinyl ether	++++ 0.2072	0.1911 0.2060	0.1737	0.1948	0.2027	Ave		0.1959				6.4		20.0			
2-Nitropropane	++++ 0.0850	0.1249 0.0814	0.0773	0.0811	0.0842	Ave		0.0890				20.0		20.0			
Epichlorohydrin	0.1712 0.2105	0.2079 0.2093	0.1934	0.1890	0.1971	Ave		0.1969				7.2		20.0			
cis-1,3-Dichloropropene	++++ 0.7309	0.6848 0.7078	0.6522	0.6560	0.7002	Ave		0.6886			0.2000	4.5		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.4751	2.3801 2.2989	2.3299	2.2479	2.3414	Ave		2.3456			0.0500	3.3		20.0			
Toluene	++++ 1.6768	2.1365 1.6084	1.7391	1.5889	1.6403	Ave		1.7317			0.4000	11.9		20.0			
trans-1,3-Dichloropropene	++++ 0.6488	0.6420 0.6489	0.5674	0.5718	0.6189	Ave		0.6163			0.1000	6.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	++++ 0.3914	0.3758 0.3830	0.3523	0.3451	0.3794	Ave		0.3712				4.9		20.0			
1,1,2-Trichloroethane	++++ 0.3228	0.3598 0.3214	0.3435	0.3157	0.3191	Ave		0.3304			0.1000	5.3		20.0			
Tetrachloroethene	++++ 0.3086	0.3375 0.3075	0.2824	0.2691	0.2884	Ave		0.2989			0.2000	8.1		20.0			
1,3-Dichloropropane	++++ 0.6740	0.7736 0.6619	0.6865	0.6449	0.6644	Ave		0.6842				6.7		20.0			
2-Hexanone	++++ 1.6193	1.5257 1.4504	1.5081	1.5002	1.5683	Ave		1.5287			0.0500	3.8		20.0			
n-Butyl acetate	++++ 0.1198	0.1259 0.1149	0.1118	0.1143	0.1172	Ave		0.1173				4.2		20.0			
Dibromochloromethane	++++ 0.3629	0.3564 0.3720	0.3439	0.3292	0.3386	Ave		0.3505			0.1000	4.6		20.0			
1,2-Dibromoethane	++++ 0.3396	0.3692 0.3425	0.3412	0.3155	0.3265	Ave		0.3391			0.1000	5.3		20.0			
Chlorobenzene	++++ 0.9934	1.1343 0.9907	1.0289	0.9317	0.9534	Ave		1.0054			0.5000	7.1		20.0			
Ethylbenzene	++++ 0.5626	0.5868 0.5284	0.5362	0.5053	0.5288	Ave		0.5414			0.1000	5.3		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3715	0.3991 0.3372	0.3525	0.3253	0.3427	Ave		0.3547				7.5		20.0			
m&p-Xylene	++++ 0.6978	0.6806 0.6397	0.6430	0.6219	0.6496	Ave		0.6555			0.1000	4.3		20.0			
n-Butyl acrylate	++++ 0.3729	0.2935 0.3755	0.2930	0.3216	0.3277	Ave		0.3307				11.1		20.0			
o-Xylene	++++ 0.7275	0.6673 0.6885	0.6954	0.6518	0.6719	Ave		0.6837			0.3000	3.9		20.0			
Styrene	++++ 1.1942	1.1155 1.0538	1.0935	1.0605	1.1293	Ave		1.1078			0.3000	4.7		20.0			
Amyl acetate (mixed isomers)	++++ 2.1861	2.0797 2.1484	1.9856	2.2193	2.2029	Ave		2.1370				4.2		20.0			
Bromoform	++++ 0.1963	0.2175 0.2031	0.1753	0.1687	0.1785	Ave		0.1899			0.1000	9.9		20.0			
Isopropylbenzene	++++ 1.9384	1.7436 1.8259	1.6589	1.6316	1.7606	Ave		1.7598			0.1000	6.4		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.0113	1.2246 1.1231	1.1175	1.0114	1.0075	Ave		1.0825			0.3000	8.1		20.0			
Bromobenzene	++++ 0.7135	0.7874 0.8252	0.7390	0.6702	0.7034	Ave		0.7398				7.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	++++ 4.5113	4.5943 4.3838	4.2288	4.2376	4.4513	Ave		4.4012				3.4		20.0			
1,2,3-Trichloropropane	++++ 0.2426	0.2969 0.2333	0.2783	0.2575	0.2606	Ave		0.2615				8.9		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2120	0.1448 0.2021	0.1405	0.1687	0.1956	Ave		0.1773				17.2		20.0			
4-Ethyltoluene	++++ 3.6250	3.3198 3.4516	3.3029	3.3623	3.3857	Ave		3.4079				3.5		20.0			
2-Chlorotoluene	++++ 3.0246	3.4457 2.6480	3.1683	2.9847	3.0658	Ave		3.0562				8.5		20.0			
1,3,5-Trimethylbenzene	++++ 2.8787	2.7631 2.4568	2.7904	2.8563	2.9561	Ave		2.7836				6.3		20.0			
Butyl Methacrylate	++++ 1.2261	1.0102 0.9598	0.9794	1.1466	1.1768	Ave		1.0831				10.5		20.0			
4-Chlorotoluene	++++ 2.5562	2.9083 2.0307	2.8054	2.6068	2.6725	Ave		2.5967				11.8		20.0			
tert-Butylbenzene	++++ 2.4306	1.8607 2.5724	1.9370	2.0492	2.2450	Ave		2.1825				12.9		20.0			
1,2,4-Trimethylbenzene	++++ 3.1423	2.7014 2.9363	2.9590	2.9310	3.0745	Ave		2.9574				5.1		20.0			
sec-Butylbenzene	++++ 4.0373	3.2090 4.0235	3.1699	3.4608	3.7392	Ave		3.6066				10.7		20.0			
4-Isopropyltoluene	++++ 3.3602	2.5498 3.3346	2.6866	2.8453	3.0770	Ave		2.9756				11.3		20.0			
1,3-Dichlorobenzene	++++ 1.4725	1.5941 1.3737	1.5403	1.4071	1.4444	Ave		1.4720			0.6000	5.6		20.0			
1,4-Dichlorobenzene	++++ 1.5311	1.7802 1.3799	1.5466	1.4671	1.5189	Ave		1.5373			0.5000	8.7		20.0			
Benzyl chloride	++++ 1.9534	1.8751 1.9316	1.7053	1.8306	1.8470	Ave		1.8572				4.8		20.0			
Indan	++++ 3.4814	3.3463 3.1533	3.2415	3.3789	3.3542	Ave		3.3259				3.4		20.0			
p-Diethylbenzene	++++ 2.0427	1.8021 1.6447	1.8030	1.9038	1.9248	Ave		1.8535				7.3		20.0			
n-Butylbenzene	++++ 1.8287	1.7427 1.2905	1.7718	1.8161	1.8823	Ave		1.7220				12.6		20.0			
1,2-Dichlorobenzene	++++ 1.4965	1.7355 1.3906	1.5319	1.4024	1.4570	Ave		1.5023			0.4000	8.4		20.0			
1,2,4,5-Tetramethylbenzene	++++ 3.1646	2.3009 3.4820	2.4139	2.7174	2.8449	Ave		2.8206				15.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	++++ 0.1849	0.2409 0.2027	0.1953	0.1772	0.1837	Ave		0.1974			0.0500	11.7		20.0			
1,3,5-Trichlorobenzene	++++ 1.0250	0.9916 1.1316	0.9336	0.9301	0.9505	Ave		0.9937				7.7		20.0			
1,2,4-Trichlorobenzene	++++ 0.8678	0.9205 0.9797	0.8412	0.7805	0.8290	Ave		0.8698			0.2000	8.2		20.0			
Hexachlorobutadiene	++++ 0.3280	0.2870 0.3480	0.2754	0.2917	0.3080	Ave		0.3064				8.9		20.0			
Naphthalene	++++ 2.2074	2.4787 2.5686	2.0218	1.9228	2.1471	Ave		2.2244				11.4		20.0			
1,2,3-Trichlorobenzene	++++ 0.7088	0.7360 0.7953	0.6740	0.6434	0.6948	Ave		0.7087				7.4		20.0			
Dibromofluoromethane (Surr)	0.2618 0.2568	0.2607 0.2462	0.2612	0.2561	0.2603	Ave		0.2576				2.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4076 0.3820	0.4011 0.3424	0.4005	0.4064	0.3975	Ave		0.3911				5.9		20.0			
Toluene-d8 (Surr)	1.4839 1.4451	1.4960 1.4040	1.4912	1.4806	1.4623	Ave		1.4662				2.2		20.0			
4-Bromofluorobenzene	0.3323 0.3479	0.3431 0.3542	0.3449	0.3451	0.3365	Ave		0.3434				2.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-358573/4	A19536.D
Level 2	STD1 460-358573/6	A19538.D
Level 3	STD5 460-358573/7	A19539.D
Level 4	STD20 460-358573/8	A19540.D
Level 5	STD50 460-358573/9	A19541.D
Level 6	STD200 460-358573/10	A19542.D
Level 7	STD500 460-358573/11	A19543.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 153514	616 390770	3657	14841	39157	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1033222	4673 2630412	28091	99980	258012	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1161599	6302 2794391	30752	112502	279254	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 994559	5527 2449046	26173	93171	237458	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 934208	4865 2273156	26472	92852	234716	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 530422	2977 1230419	14283	52982	131146	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 491138	2876 1085110	13625	49999	121170	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1200554	6740 2785913	32770	119411	296717	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 860677	3690 2072557	22829	79904	209904	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 237083	651 555405	4089	19065	53832	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	QuaF	++++ 103646	973 248469	1936	8941	31644	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 504179	2927 1200750	12597	46875	123940	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 596552	2539 1423690	12442	50367	132698	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 418382	2063 1024963	8803	36945	98247	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Lin2	++++ 36197	1029 72928	3443	6253	17864	++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Qua2	++++ 503676	1005 1252434	8371	43353	117129	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 494416	2763 1258410	11872	43318	119026	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1117324	7007 2717999	31062	113172	298776	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 783757	4191 2026468	19247	70427	185880	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 2039450	11069 5191826	49301	179399	502873	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Qua2	++++ 265124	2370 603209	8174	28747	71787	++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	++++ 336161	2049 ++++	8751	26944	81245	++++ 200	1.00 ++++	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 2594556	14314 6426882	67136	250667	662439	++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	++++ 1598216	7166 4217989	32826	141529	364880	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBA	Ave	++++ 960401	4910 1967640	22141	105001	287703	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 643625	3431 1659782	15871	58929	152545	++++ 200	1.00 500	5.00	20.0	50.0
TBA	TBA	Ave	++++ 628527	3091 1662981	15448	53755	146253	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1714578	8845 4370918	38667	150480	399311	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 544939	2802 1441109	12726	46702	126045	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2805 2596405	13945 6513654	63040	245507	649261	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	QuaF	++++ 639690	1777 1462048	8841	55208	154573	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2478569	11795 6257642	51474	222812	563257	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1213355	6211 3030482	27888	104032	280164	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 191090	823 531443	4091	15923	42783	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 474204	2089 1172081	9577	39690	103378	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1882166	8832 4852492	38877	165155	426184	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	++++ 136925	571 375028	3210	11709	31589	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 567426	2802 1509734	13041	48420	129571	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 109937	606 293242	2307	9564	25823	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone	BUT	Ave	++++ 328083	1626 871479	7317	29185	80544	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 577332	2881 1472159	12425	51070	131648	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	++++ 933879	4812 2368736	21246	89364	224795	++++ 2000	10.0 5000	50.0	200	500
Bromochloromethane	FB	Ave	++++ 248699	1126 662487	5585	20753	56026	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 156275	811 396874	3268	13136	34785	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2455126	11512 5779729	50986	223113	578082	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 957283	4777 2186044	22480	83081	226620	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1157378	2887 2876753	16839	92040	265244	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 751758	3577 2004048	14361	58747	160669	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 683609	2778 1817157	11898	47497	137017	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 791814	3563 2028429	15483	62088	177521	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	++++ 770476	3848 1979454	19356	71647	193436	++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	++++ 1071614	3993 2757892	23371	96136	242075	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	++++ 2232747	10638 5692755	48821	183272	502449	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 2090423	10381 4701217	45384	192537	495937	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 1833015	8044 4386742	34998	161985	418545	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 778295	4562 1745910	19306	71755	191490	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	++++ 514055	621 1146683	5757	41116	117491	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butanol	TBA	Ave	++++ 346910	1629 995874	6199	27786	79817	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 519698	2487 1420749	10613	40330	113871	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1528590	4786 3883460	23497	129093	349123	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	QuaF	++++ 738751	1356 1833080	9268	62349	175329	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 638252	3335 1646806	14655	54565	147491	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 253109	1014 693314	4794	20643	54883	++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	++++ 1007522	4612 2504887	20395	90605	237234	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 94037	944 260450	1766	7759	22559	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 338093	1724 894526	7371	28776	76039	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 746664	3407 2036708	15431	59082	162477	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 396527	1511 1099174	6962	32534	88181	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 325223	1975 868781	6193	27093	73282	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1169 1245122	5417 3392021	25471	103470	285857	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	++++ 913054	3439 2474614	16750	71188	201340	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 3660106	15507 9316066	76704	307613	849091	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	++++ 2094686	10729 5623118	44665	172431	471671	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	++++ 810551	3224 2268665	14571	62059	177973	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	++++ 748960	2972 2043979	14116	57619	165036	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	++++ 403310	1807 1123474	8823	34265	91761	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	++++ 385503	1695 1075184	7254	29204	82928	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	++++ 842006	3885 2313920	17630	69989	191053	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Hexanone	BUT	Ave	+++++ 2394511	9940 5877541	49650	205297	568727	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBZ	Ave	+++++ 149601	632 401709	2871	12408	33714	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	+++++ 453363	1790 1300683	8833	35729	97362	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 424210	1854 1197337	8762	34243	93892	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1240997	5696 3463385	26426	101112	274138	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 702856	2947 1847211	13771	54839	152068	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 464129	2004 1178858	9052	35308	98557	+++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBZ	Ave	+++++ 871735	3418 2236441	16515	67490	186806	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 465886	1474 1312868	7524	34901	94226	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 908771	3351 2407001	17860	70734	193200	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1491890	5602 3683989	28085	115088	324731	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1512555	5499 3640495	26787	126276	332044	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 245172	1092 710067	4502	18306	51331	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2421555	8756 6383416	42604	177073	506266	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 699722	3238 1903083	15075	57545	151852	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 493695	2082 1398232	9970	38136	106017	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 3121362	12148 7428264	57049	241112	670933	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 167880	785 395327	3754	14654	39278	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 146692	383 342375	1895	9601	29487	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 2508146	8778 5848718	44558	191308	510321	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 2092737	9111 4487014	42742	169824	462100	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCB	Ave	++++ 1991807	7306 4162976	37644	162519	445567	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	++++ 848316	2671 1626454	13212	65241	177382	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	++++ 1768648	7690 3440967	37846	148322	402827	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	++++ 1681702	4920 4358883	26131	116599	338383	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	++++ 2174126	7143 4975609	39919	166773	463413	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	++++ 2793421	8485 6817750	42764	196917	563604	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	++++ 2324911	6742 5650417	36243	161896	463795	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	++++ 1018814	4215 2327736	20780	80060	217704	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	++++ 1059353	4707 2338143	20865	83479	228940	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	++++ 1351553	4958 3273107	23005	104159	278397	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	++++ 2408761	8848 5343227	43730	192255	505571	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	++++ 1413375	4765 2786892	24324	108324	290114	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	++++ 1265289	4608 2186736	23903	103336	283716	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	++++ 1035454	4589 2356408	20666	79793	219614	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	++++ 2189574	6084 5900218	32565	154617	428812	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	++++ 127900	637 343404	2635	10081	27692	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	++++ 709219	2622 1917528	12595	52919	143272	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	++++ 600451	2434 1660163	11348	44407	124954	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Ave	++++ 226958	759 589605	3715	16596	46429	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	++++ 1527270	6554 4352500	27275	109406	323628	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	++++ 490410	1946 1347612	9092	36611	104725	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-110867-1 Analy Batch No.: 358573

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/25/2016 06:15 Calibration End Date: 03/25/2016 08:48 Calibration ID: 55037

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	104871 122820	103073 131379	104654	106919	113222	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	163284 182711	158597 182701	160474	169634	172914	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	381675 451316	375641 490855	382972	401710	420479	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	85484 108655	86158 123823	88583	93622	96766	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19536.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-Mar-2016 06:15:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0038955-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:11:36 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: desais

Date: 25-Mar-2016 12:24:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	254829	1000.0	1000.0	
32 Acrylonitrile	53	3.712	3.712	0.000	93	2805	2.00	2.31	M
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	341422	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.828	-0.006	94	104871	50.0	50.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	163284	50.0	52.1	
* 64 Fluorobenzene	96	5.309	5.315	-0.006	96	400627	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	18580	1000.0	1000.0	
78 Epichlorohydrin	57	6.425	6.419	0.006	97	1169	5.00	4.35	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	381675	50.0	50.6	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	94	257219	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	77	85484	50.0	48.4	
* 119 1,4-Dichlorobenzene-d4	152	9.193	9.180	0.013	97	130732	50.0	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00140	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00019	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 0.00	Units: uL	
MIX I Hi_00054	Amount Added: 0.00	Units: uL	
14DIOXINTER_00053	Amount Added: 0.00	Units: uL	
ACROLEIN W_00049	Amount Added: 0.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19536.D

Injection Date: 25-Mar-2016 06:15:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD7

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

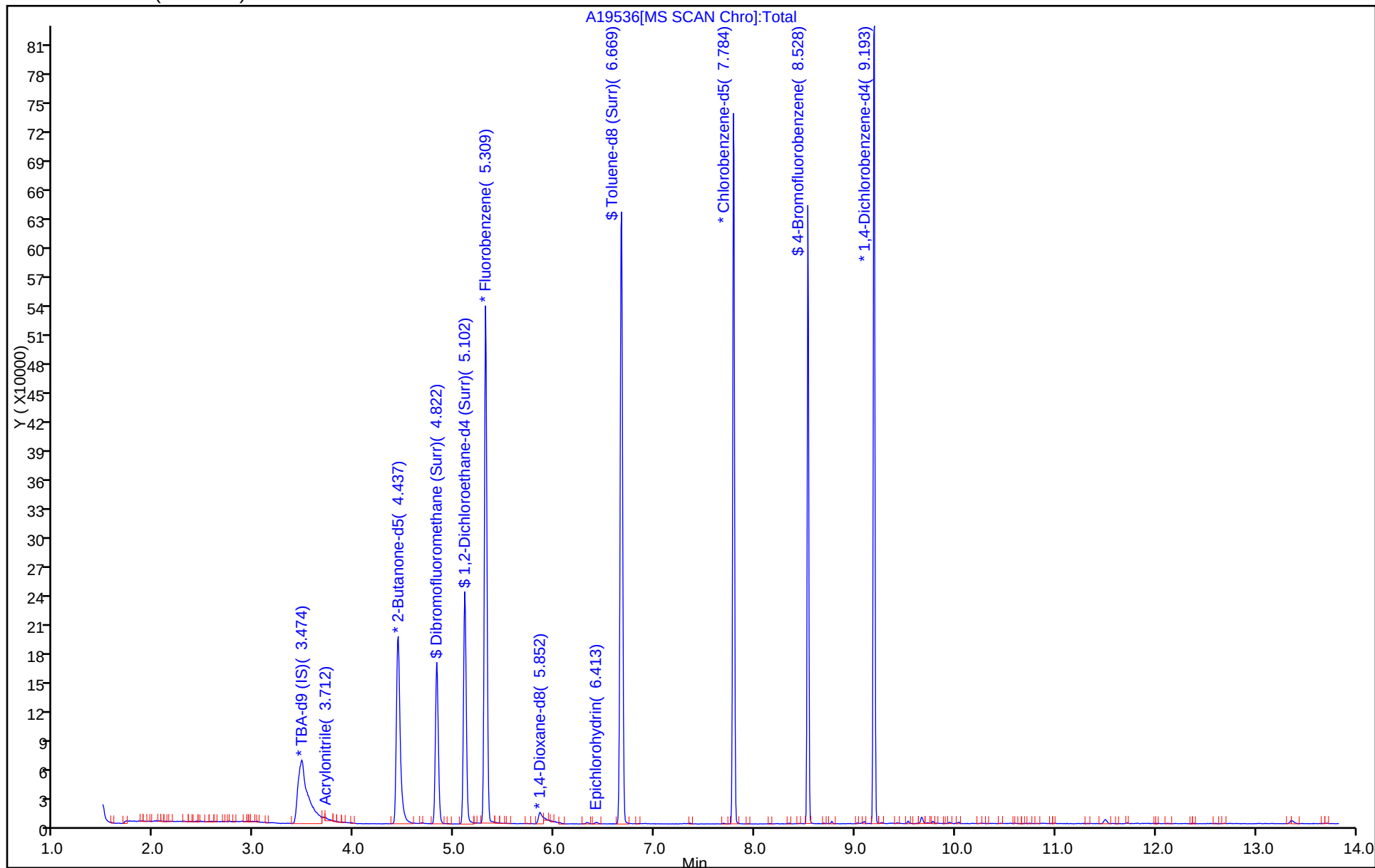
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



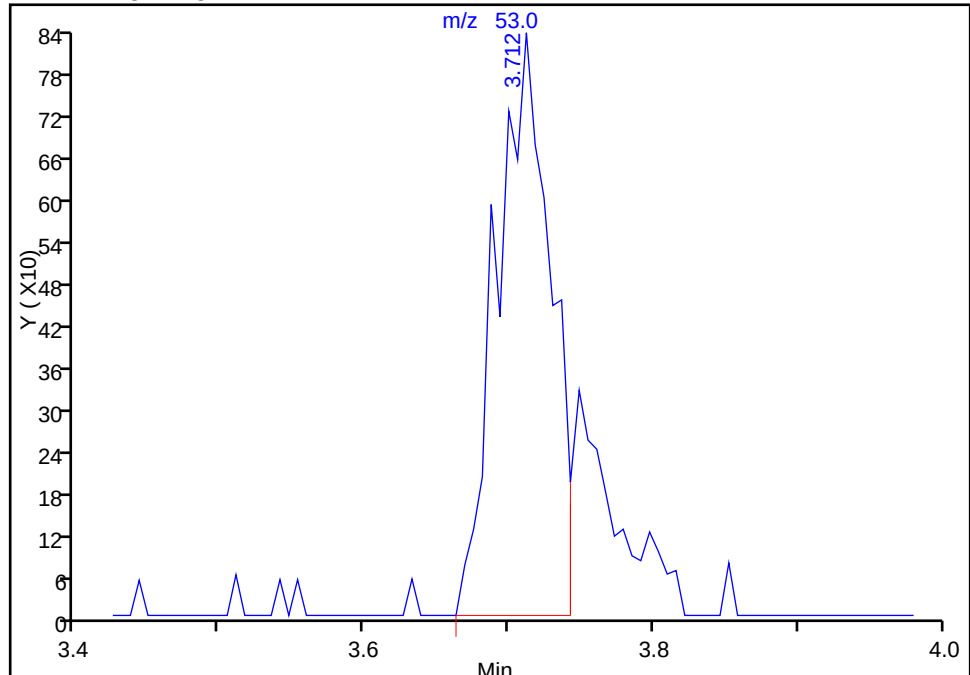
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19536.D		
Injection Date:	25-Mar-2016 06:15:30	Instrument ID:	CVOAMS1
Lims ID:	STD7		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
Worklist Smp#:	4		

32 Acrylonitrile, CAS: 107-13-1

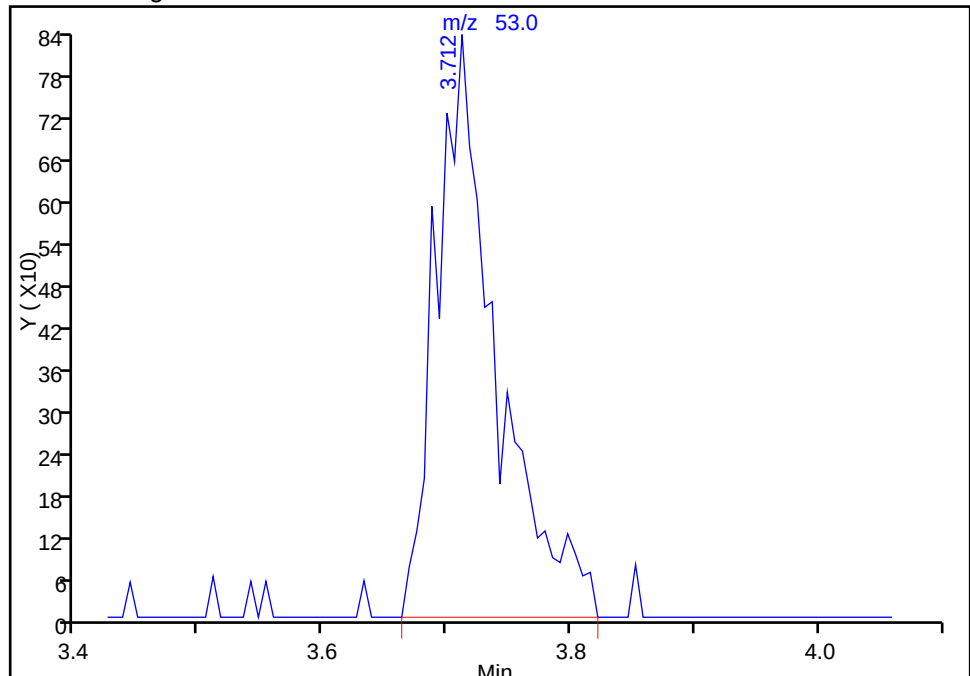
RT: 3.71
Area: 2178
Amount: 1.858866
Amount Units: ug/l

Processing Integration Results



RT: 3.71
Area: 2805
Amount: 2.305856
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:16:58
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Mar-2016 06:58:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0038955-006
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:08:51 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: desais

Date: 25-Mar-2016 12:20:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.596	0.007	76	616	1.00	0.9320	M
3 Dichlorodifluoromethane	85	1.633	1.639	-0.006	98	4673	1.00	1.01	
4 Chloromethane	50	1.810	1.810	0.000	99	6302	1.00	1.19	
5 Vinyl chloride	62	1.901	1.907	-0.006	95	5527	1.00	1.22	
6 Butadiene	54	1.938	1.932	0.006	78	4865	1.00	1.12	M
7 Bromomethane	94	2.231	2.243	-0.012	97	2977	1.00	1.21	
8 Chloroethane	64	2.316	2.322	-0.006	68	2876	1.00	1.25	
9 Dichlorofluoromethane	67	2.529	2.529	0.000	97	6740	1.00	1.21	
10 Trichlorofluoromethane	101	2.529	2.541	-0.012	57	3690	1.00	0.9874	
12 Pentane	72	2.548	2.566	-0.018	84	651	2.00	1.52	
14 Ethanol	46	2.743	2.761	-0.018	85	973	40.0	79.9	M
13 Ethyl ether	59	2.761	2.767	-0.006	89	2927	1.00	1.28	
15 2-Methyl-1,3-butadiene	53	2.785	2.797	-0.012	95	2539	1.00	1.06	
16 1,2-Dichloro-1,1,2-trifluo	117	2.834	2.852	-0.018	26	2063	1.00	1.17	
11 Acrolein	56	2.986	2.980	0.006	1	1029	4.00	3.99	
17 1,1,2-Trichloro-1,2,2-trif	101	2.986	2.999	-0.013	36	1005	1.00	1.02	M
18 1,1-Dichloroethene	96	3.011	3.011	0.000	92	2763	1.00	1.25	
19 Acetone	43	3.096	3.096	0.000	86	7007	5.00	6.33	M
20 Iodomethane	142	3.163	3.169	-0.006	99	4191	1.00	1.20	
21 Carbon disulfide	76	3.188	3.200	-0.012	99	11069	1.00	1.22	
22 Isopropyl alcohol	45	3.212	3.200	0.012	25	2370	10.0	9.86	M
23 3-Chloro-1-propene	76	3.316	3.322	-0.006	71	2049	1.00	1.29	
24 Methyl acetate	43	3.334	3.340	-0.006	99	14314	5.00	5.99	
25 Cyclopentene	67	3.352	3.346	0.006	83	7166	1.00	1.08	
26 Acetonitrile	41	3.383	3.395	-0.012	21	4910	10.0	10.7	M
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	253696	1000.0	1000.0	
27 Methylene Chloride	84	3.474	3.468	0.006	34	3431	1.00	1.19	
29 2-Methyl-2-propanol	59	3.529	3.541	-0.012	28	3091	10.0	10.8	M
30 Methyl tert-butyl ether	73	3.627	3.627	0.000	91	8845	1.00	1.19	
31 trans-1,2-Dichloroethene	96	3.639	3.633	0.006	88	2802	1.00	1.18	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.712	-0.006	93	13945	10.0	11.6	
33 Hexane	43	3.785	3.779	0.006	42	1777	1.00	0.6040	M
34 Isopropyl ether	45	3.986	3.992	-0.006	93	11795	1.00	1.14	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	62	6211	1.00	1.19	
36 Vinyl acetate	86	4.029	4.023	0.006	100	823	2.00	2.08	
37 2-Chloro-1,3-butadiene	88	4.047	4.053	-0.006	92	2089	1.00	1.10	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	8832	1.00	1.13	
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	325758	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.462	-0.006	44	571	1.00	0.99	
41 cis-1,2-Dichloroethene	96	4.468	4.468	0.000	88	2802	1.00	1.15	
43 Ethyl acetate	70	4.486	4.480	0.006	35	606	2.00	2.48	M
42 2-Butanone (MEK)	72	4.480	4.486	-0.006	94	1626	5.00	5.57	
44 Methyl acrylate	55	4.523	4.529	-0.006	96	2881	1.00	1.17	
45 Propionitrile	54	4.602	4.602	0.000	93	4812	10.0	11.7	
47 Chlorobromomethane	128	4.651	4.657	-0.006	88	1126	1.00	1.08	
46 Tetrahydrofuran	72	4.663	4.663	0.000	24	811	2.00	2.41	M
48 Methacrylonitrile	67	4.681	4.681	0.000	97	11512	10.0	11.3	
49 Chloroform	83	4.700	4.699	0.001	95	4777	1.00	1.17	
50 Cyclohexane	56	4.815	4.809	0.006	31	2887	1.00	0.7088	M
52 1,1,1-Trichloroethane	97	4.828	4.828	0.000	36	3577	1.00	1.18	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.828	-0.007	94	103073	50.0	50.6	
54 Carbon tetrachloride	117	4.919	4.919	0.000	95	2778	1.00	1.08	
55 1,1-Dichloropropene	75	4.937	4.937	0.000	91	3563	1.00	1.12	
56 Isobutyl alcohol	43	5.023	5.029	-0.006	89	3848	25.0	26.6	
57 Isooctane	57	5.059	5.065	-0.006	94	3993	1.00	0.9188	
58 Benzene	78	5.096	5.096	0.000	92	10638	1.00	1.17	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	158597	50.0	51.3	
60 Isopropyl acetate	43	5.132	5.132	0.000	92	10381	1.00	1.17	
61 Tert-amyl methyl ether	73	5.138	5.145	-0.007	73	8044	1.00	1.09	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	95	4562	1.00	1.30	
63 n-Heptane	71	5.193	5.199	-0.006	26	621	1.00	0.2622	M
* 64 Fluorobenzene	96	5.309	5.315	-0.006	96	395388	50.0	50.0	
65 n-Butanol	56	5.529	5.523	0.007	60	1629	25.0	27.3	
66 Trichloroethene	95	5.577	5.577	0.000	90	2487	1.00	1.16	
67 Ethyl acrylate	55	5.663	5.675	-0.012	97	4786	1.00	0.8457	M
68 Methylcyclohexane	83	5.687	5.687	0.000	79	1356	1.00	0.4155	
69 1,2-Dichloropropane	63	5.809	5.815	-0.006	89	3335	1.00	1.21	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	18324	1000.0	1000.0	M
71 Methyl methacrylate	100	5.858	5.858	0.000	96	1014	2.00	2.03	
72 n-Propyl acetate	43	5.901	5.900	0.001	97	4612	1.00	1.10	
73 1,4-Dioxane	88	5.907	5.907	0.000	27	944	50.0	54.6	
74 Dibromomethane	93	5.919	5.919	0.000	88	1724	1.00	1.20	
75 Dichlorobromomethane	83	6.035	6.035	0.000	97	3407	1.00	1.12	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	67	1511	1.00	0.9752	
77 2-Nitropropane	41	6.327	6.327	0.000	84	1975	2.00	2.81	
78 Epichlorohydrin	57	6.425	6.419	0.006	99	5417	20.0	21.1	
79 cis-1,3-Dichloropropene	75	6.461	6.467	-0.006	96	3439	1.00	0.99	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	15507	5.00	5.07	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	375641	50.0	51.0	
82 Toluene	91	6.724	6.723	0.001	91	10729	1.00	1.23	
83 trans-1,3-Dichloropropene	75	6.967	6.961	0.006	90	3224	1.00	1.04	
84 Ethyl methacrylate	69	6.967	6.973	-0.006	82	2972	1.00	1.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.114	-0.006	91	1807	1.00	1.09	
86 Tetrachloroethene	166	7.150	7.150	0.000	82	1695	1.00	1.13	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	95	3885	1.00	1.13	
88 2-Hexanone	43	7.278	7.278	0.000	97	9940	5.00	4.99	
89 n-Butyl acetate	73	7.333	7.333	0.000	98	632	1.00	1.07	
90 Chlorodibromomethane	129	7.394	7.394	0.000	94	1790	1.00	1.02	
91 Ethylene Dibromide	107	7.492	7.492	0.000	99	1854	1.00	1.09	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	94	251089	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	95	5696	1.00	1.13	
94 Ethylbenzene	106	7.851	7.851	0.000	99	2947	1.00	1.08	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	87	2004	1.00	1.12	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	99	3418	1.00	1.04	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	1474	1.00	0.8876	
98 o-Xylene	106	8.187	8.187	0.000	91	3351	1.00	0.9760	
99 Styrene	104	8.205	8.205	0.000	90	5602	1.00	1.01	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	5499	1.00	0.9732	
101 Bromoform	173	8.345	8.345	0.000	89	1092	1.00	1.15	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	8756	1.00	0.99	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	86158	50.0	50.0	
104 Bromobenzene	156	8.620	8.619	0.001	87	2082	1.00	1.06	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.619	0.001	95	3238	1.00	1.13	
106 N-Propylbenzene	91	8.644	8.644	0.000	97	12148	1.00	1.04	
107 1,2,3-Trichloropropane	110	8.662	8.656	0.006	94	785	1.00	1.14	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.656	0.006	67	383	1.00	0.8170	M
109 4-Ethyltoluene	105	8.711	8.705	0.006	96	8778	1.00	0.9742	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	9111	1.00	1.13	
111 1,3,5-Trimethylbenzene	105	8.748	8.741	0.007	91	7306	1.00	0.99	
112 Butyl Methacrylate	87	8.784	8.778	0.006	95	2671	1.00	0.9326	
113 4-Chlorotoluene	91	8.784	8.784	0.000	97	7690	1.00	1.12	
114 tert-Butylbenzene	119	8.924	8.924	0.000	90	4920	1.00	0.8526	
115 1,2,4-Trimethylbenzene	105	8.961	8.955	0.006	98	7143	1.00	0.9134	
116 sec-Butylbenzene	105	9.046	9.040	0.006	97	8485	1.00	0.8897	
117 4-Isopropyltoluene	119	9.126	9.119	0.007	96	6742	1.00	0.8569	
118 1,3-Dichlorobenzene	146	9.144	9.138	0.006	89	4215	1.00	1.08	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	96	132207	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.193	0.006	90	4707	1.00	1.16	
121 Benzyl chloride	91	9.284	9.278	0.006	96	4958	1.00	1.01	
122 2,3-Dihydroindene	117	9.333	9.327	0.006	90	8848	1.00	1.01	
123 p-Diethylbenzene	119	9.345	9.339	0.006	92	4765	1.00	0.9723	
124 n-Butylbenzene	92	9.363	9.357	0.006	96	4608	1.00	1.01	
125 1,2-Dichlorobenzene	146	9.430	9.424	0.006	90	4589	1.00	1.16	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	95	6084	1.00	0.8158	
127 1,2-Dibromo-3-Chloropropan	75	9.936	9.924	0.012	74	637	1.00	1.22	
128 1,3,5-Trichlorobenzene	180	10.028	10.022	0.006	88	2622	1.00	1.00	
129 1,2,4-Trichlorobenzene	180	10.509	10.503	0.006	91	2434	1.00	1.06	
130 Hexachlorobutadiene	225	10.583	10.582	0.001	80	759	1.00	0.9370	
131 Naphthalene	128	10.741	10.729	0.012	98	6554	1.00	1.11	
132 1,2,3-Trichlorobenzene	180	10.948	10.942	0.006	85	1946	1.00	1.04	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.33	
S 134 Xylenes, Total	100				0		2.00	2.01	
S 135 Total BTEX	1				0		5.00	5.50	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00140	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 1.00	Units: uL	
MIX I Hi_00054	Amount Added: 1.00	Units: uL	
14DIOXINTER_00053	Amount Added: 30.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19538.D

Injection Date: 25-Mar-2016 06:58:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD1

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

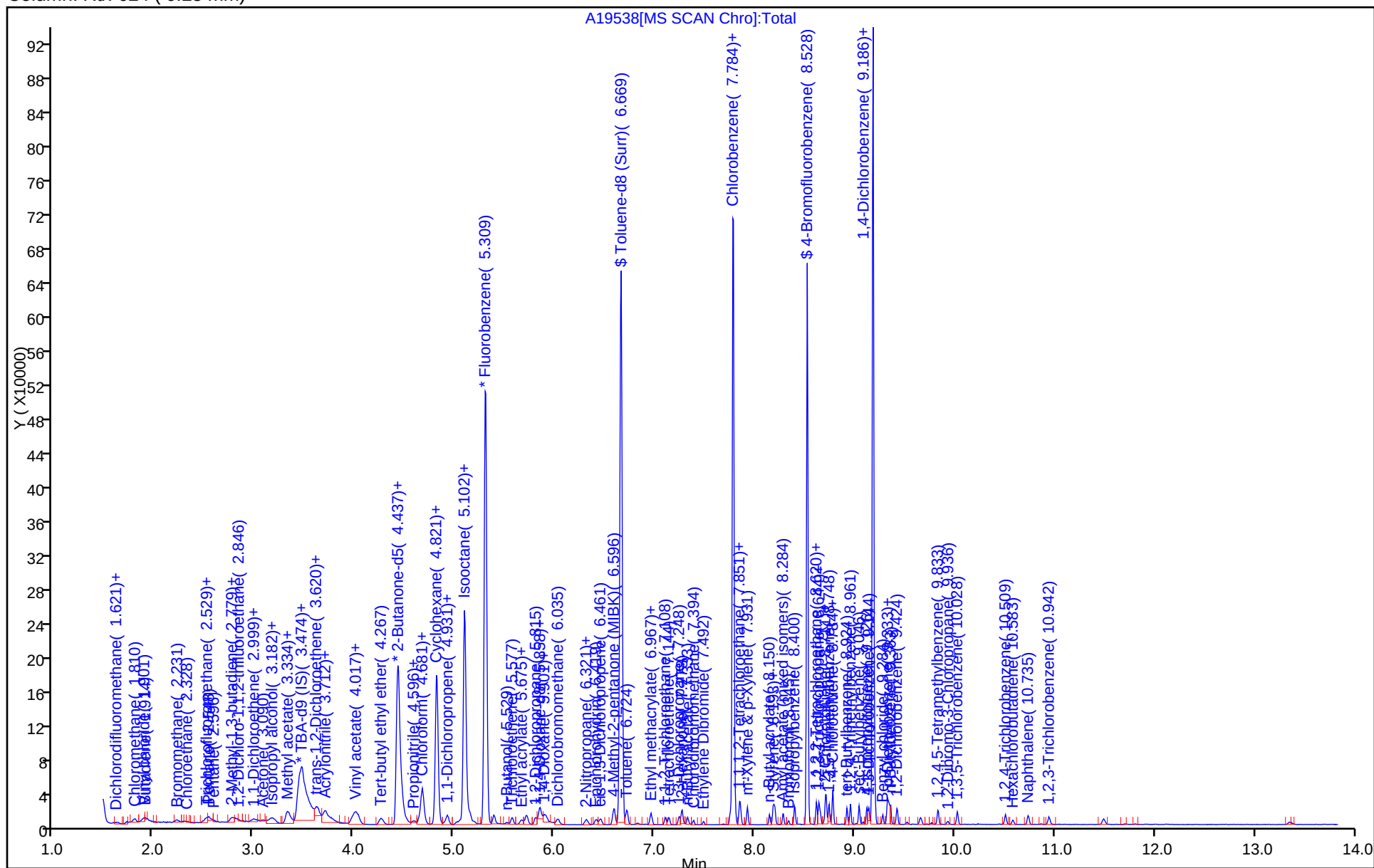
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



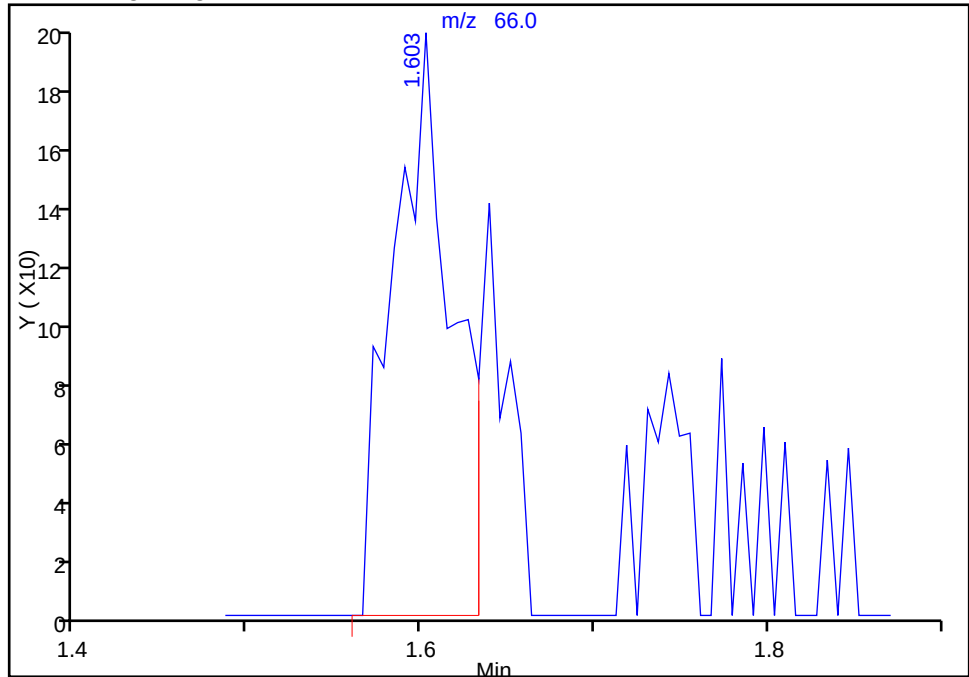
TestAmerica Edison

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Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

1 Chlorotrifluoroethene, CAS: 79-38-9

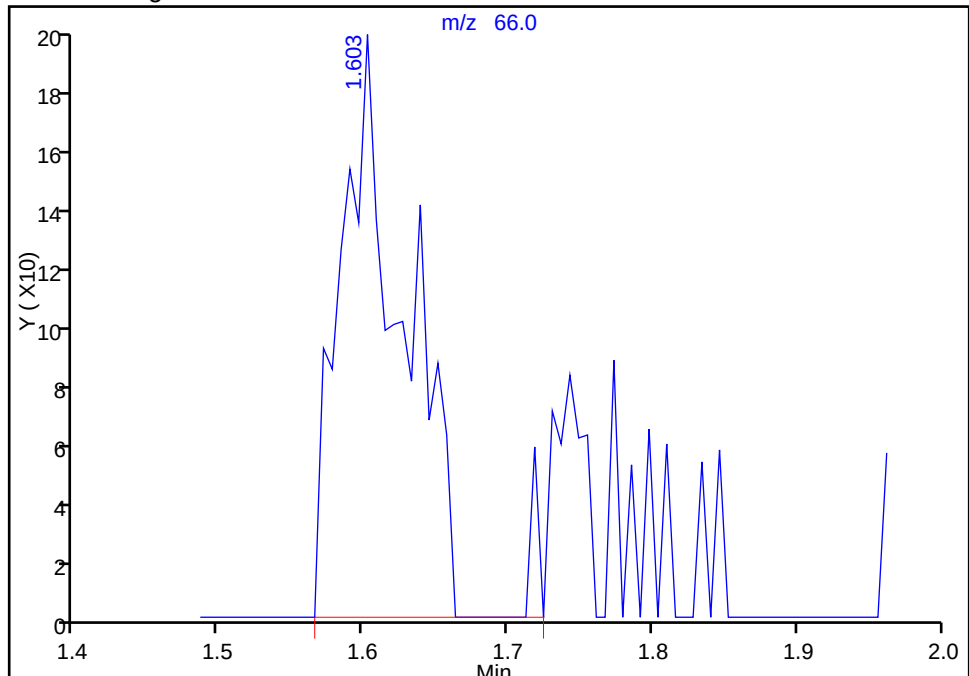
RT: 1.60
Area: 467
Amount: 0.687856
Amount Units: ug/l

Processing Integration Results



RT: 1.60
Area: 616
Amount: 0.931956
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:57:49
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

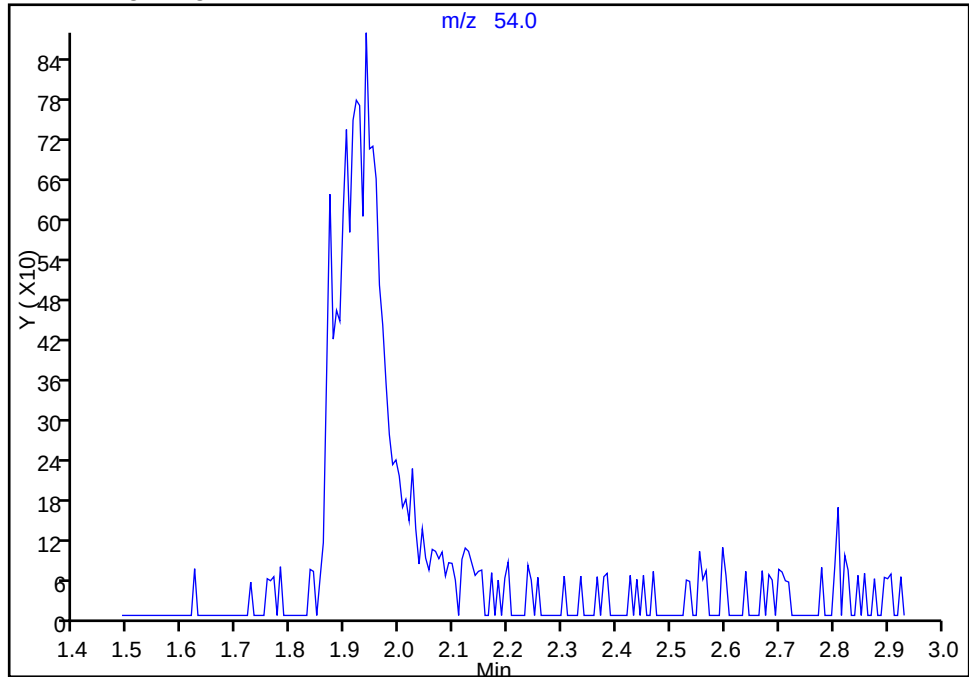
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
Worklist Smp#:	6		

6 Butadiene, CAS: 106-99-0

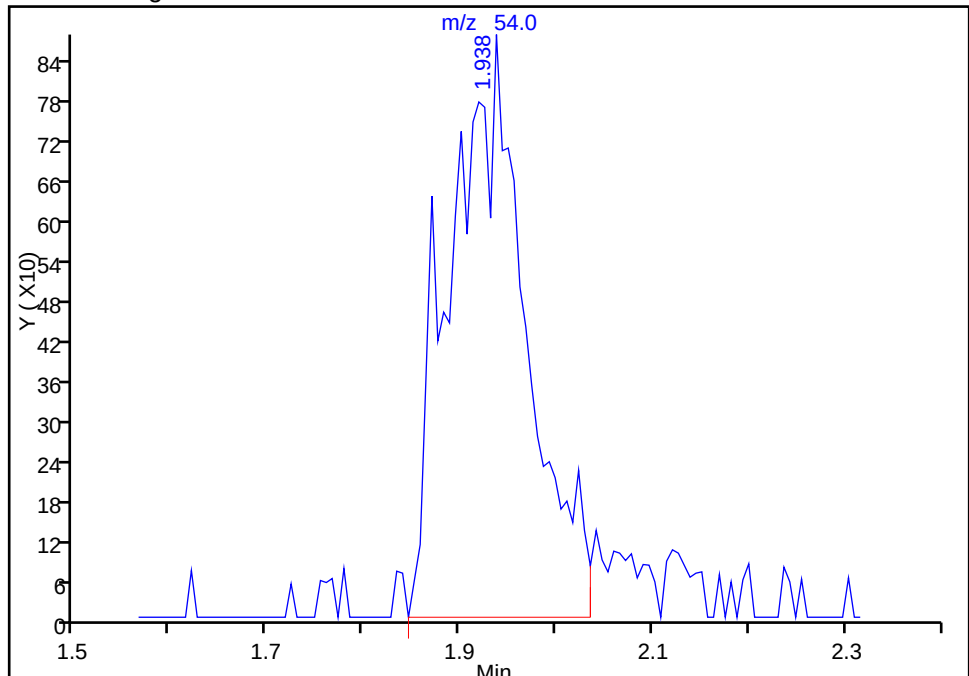
Not Detected
Expected RT: 1.93

Processing Integration Results



RT: 1.94
Area: 4865
Amount: 1.123447
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

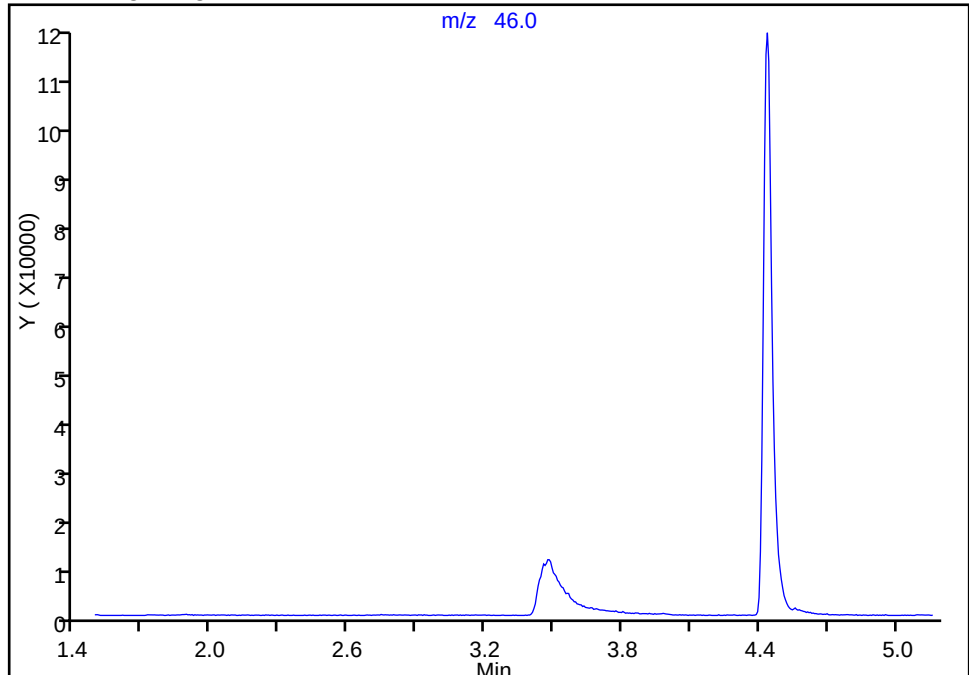
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
Injection Date: 25-Mar-2016 06:58:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

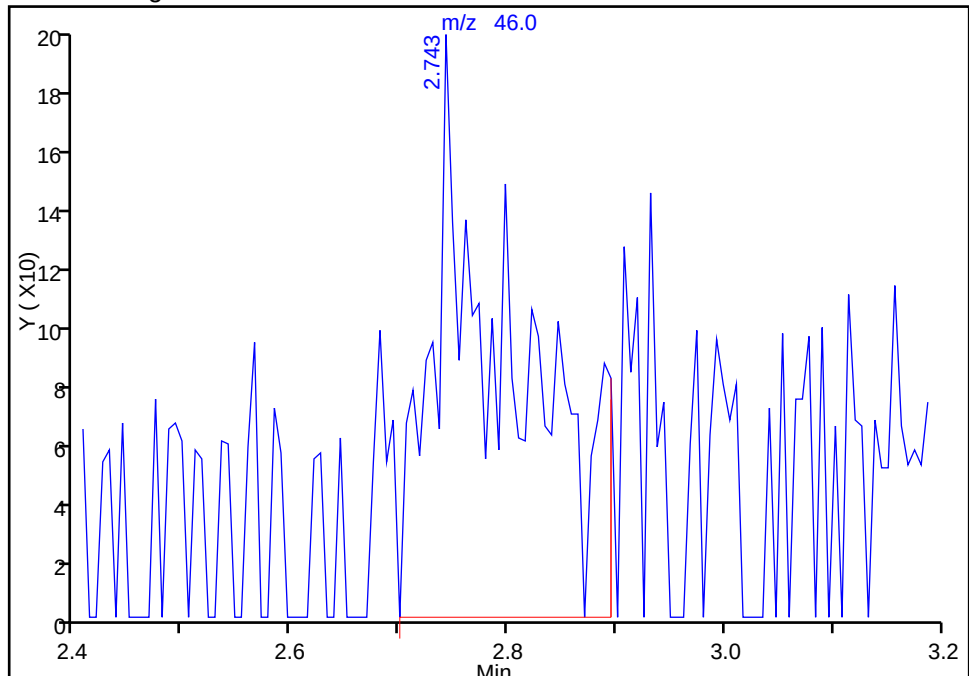
Not Detected
Expected RT: 2.76

Processing Integration Results



RT: 2.74
Area: 973
Amount: 79.891895
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 18:00:02
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

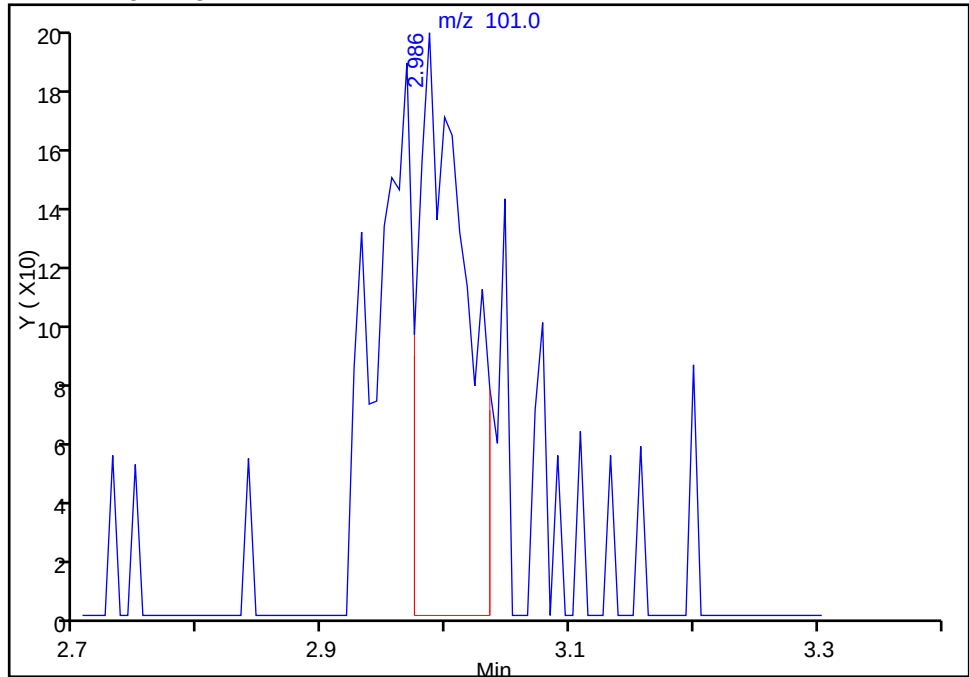
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
Injection Date: 25-Mar-2016 06:58:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

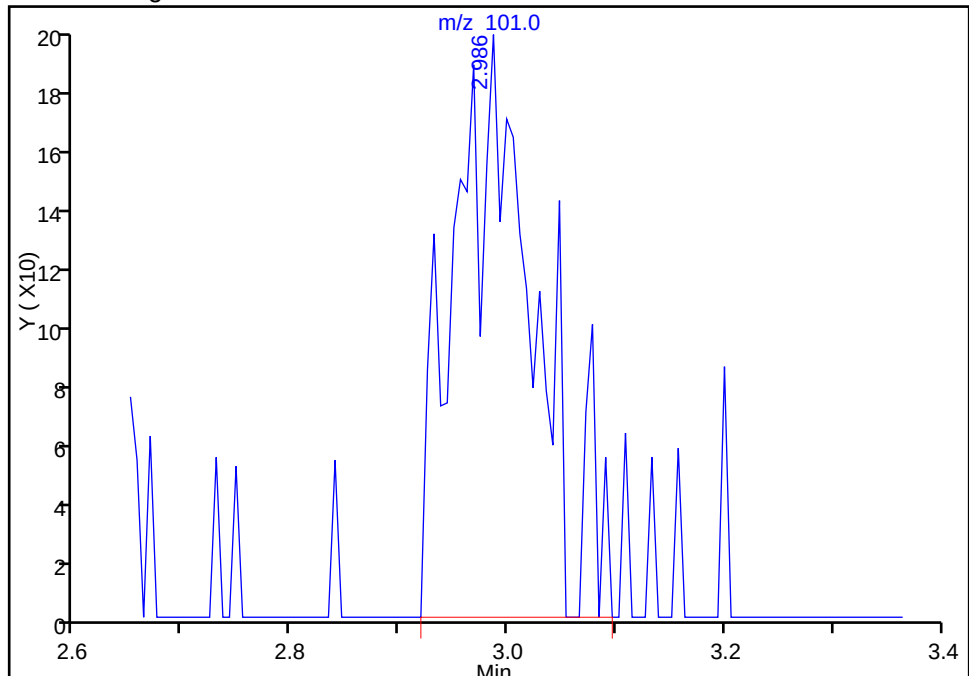
Processing Integration Results

RT: 2.99
Area: 507
Amount: 0.260836
Amount Units: ug/l



Manual Integration Results

RT: 2.99
Area: 1005
Amount: 1.017666
Amount Units: ug/l



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

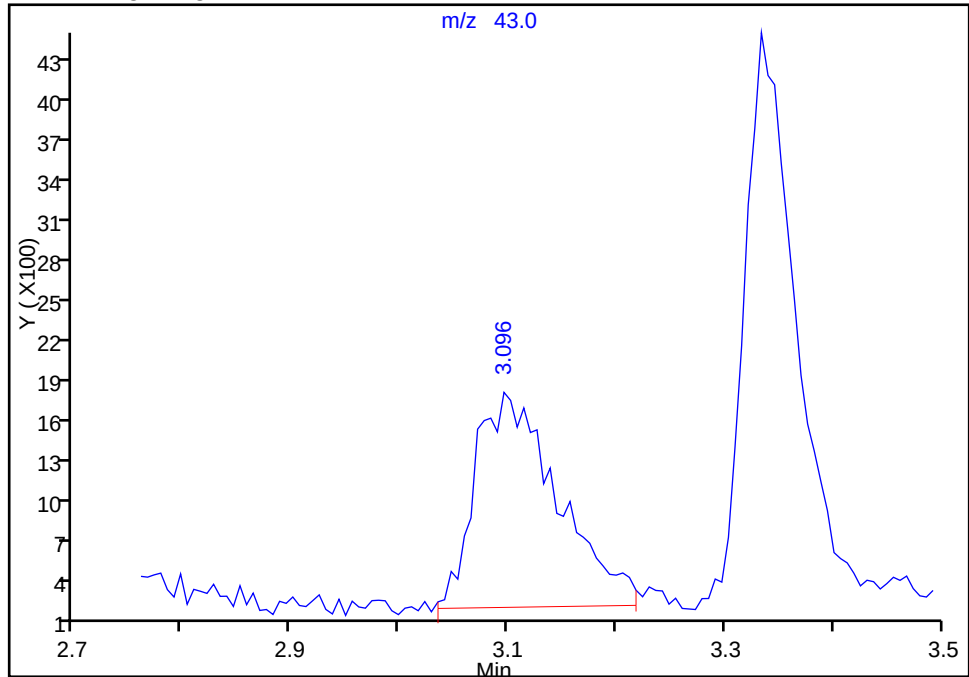
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

19 Acetone, CAS: 67-64-1

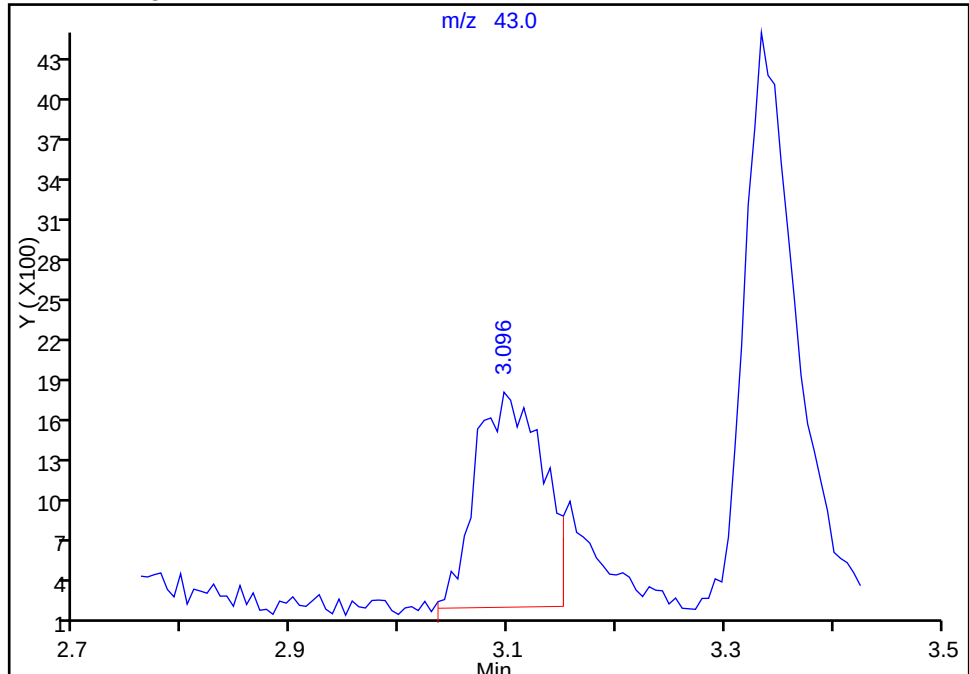
RT: 3.10
Area: 8465
Amount: 7.962069
Amount Units: ug/l

Processing Integration Results



RT: 3.10
Area: 7007
Amount: 6.331139
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 18:04:12
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

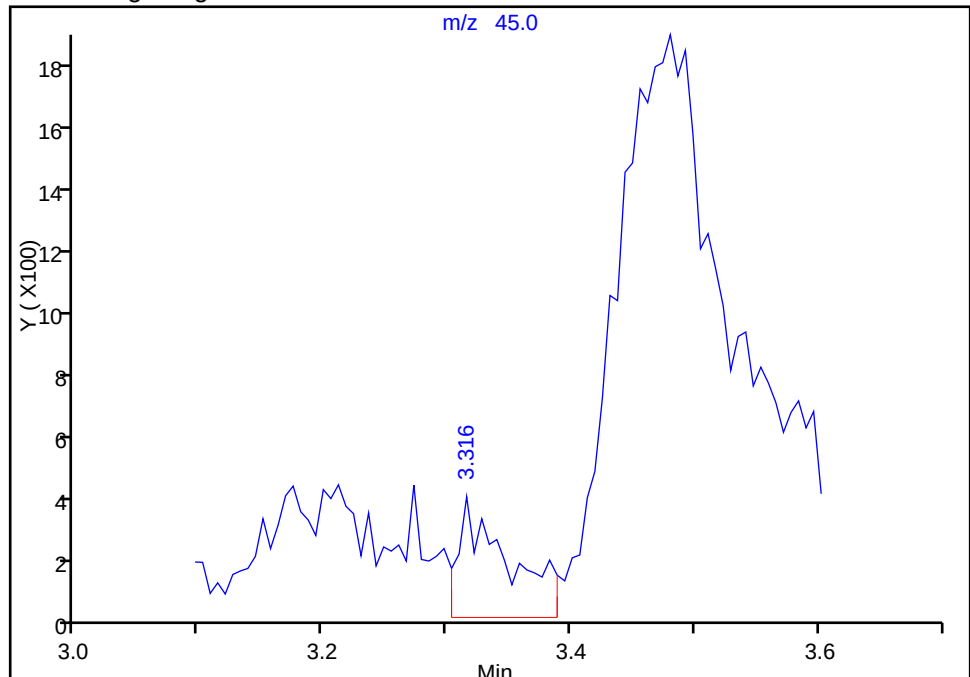
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

22 Isopropyl alcohol, CAS: 67-63-0

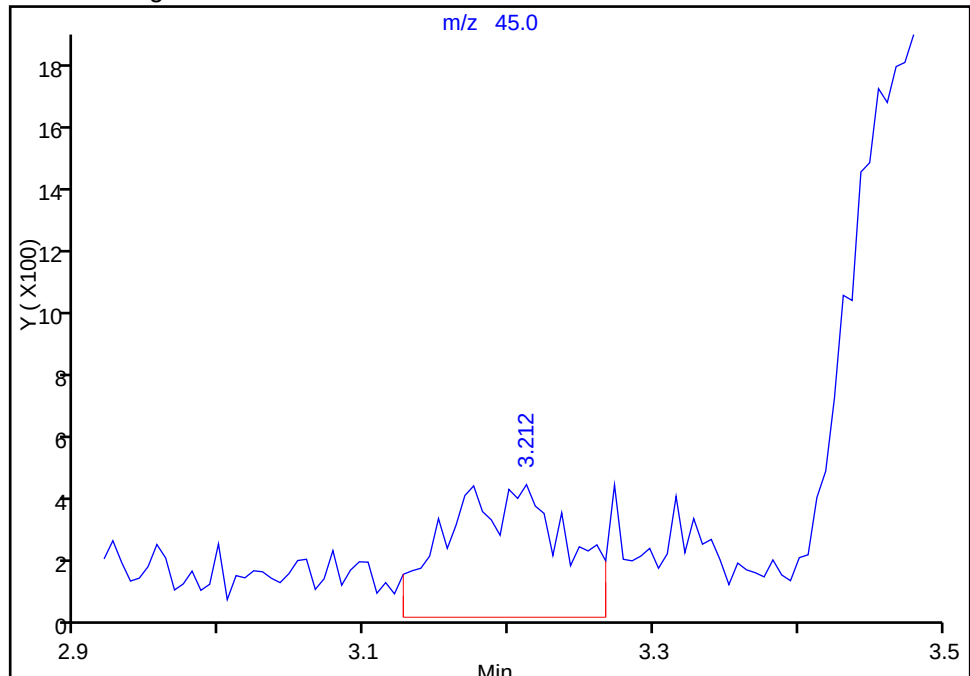
RT: 3.32
Area: 1055
Amount: 4.469375
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 2370
Amount: 9.861582
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

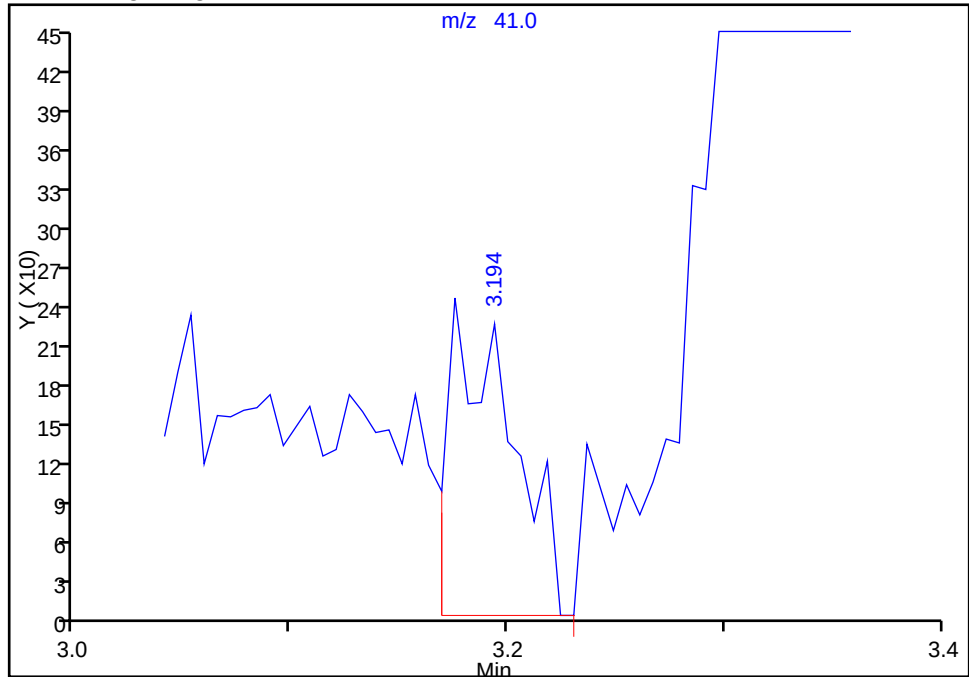
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

26 Acetonitrile, CAS: 75-05-8

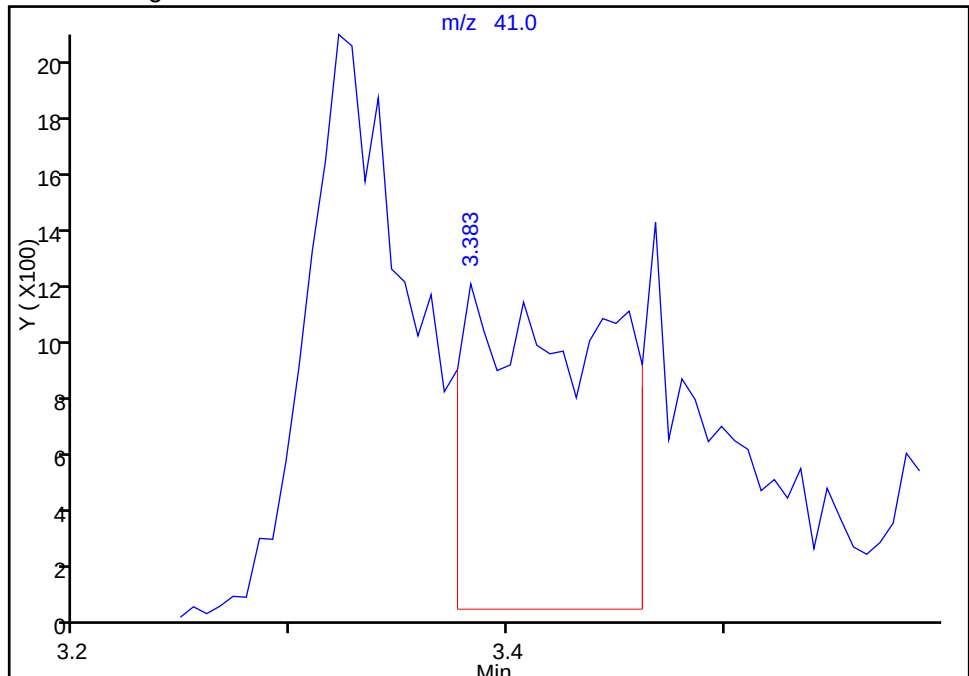
RT: 3.19
Area: 487
Amount: 0.855553
Amount Units: ug/l

Processing Integration Results



RT: 3.38
Area: 4910
Amount: 10.692775
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

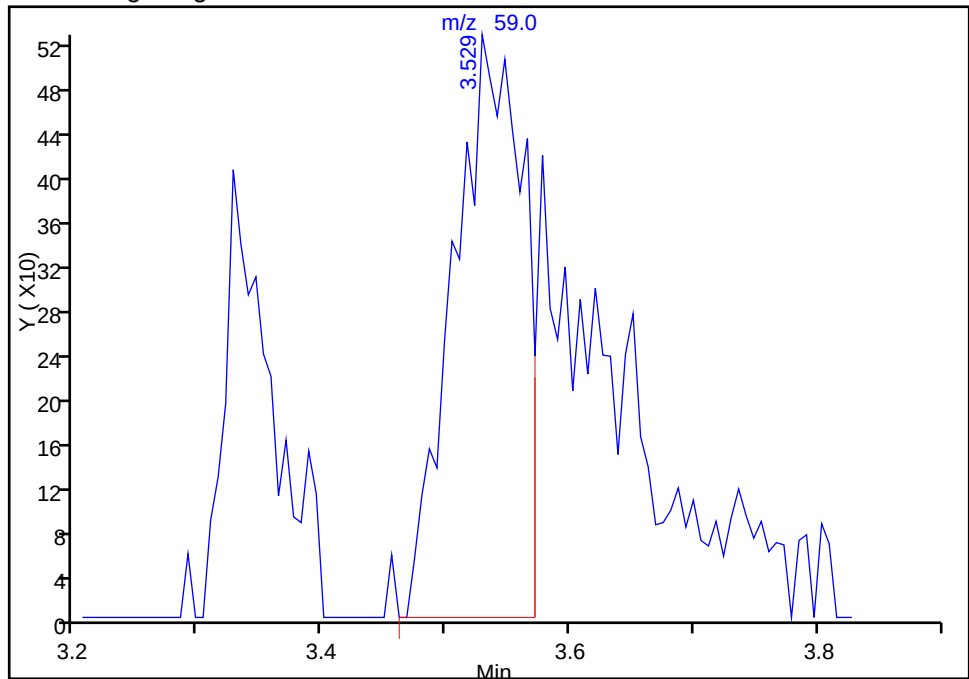
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
Injection Date: 25-Mar-2016 06:58:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 2-Methyl-2-propanol, CAS: 75-65-0

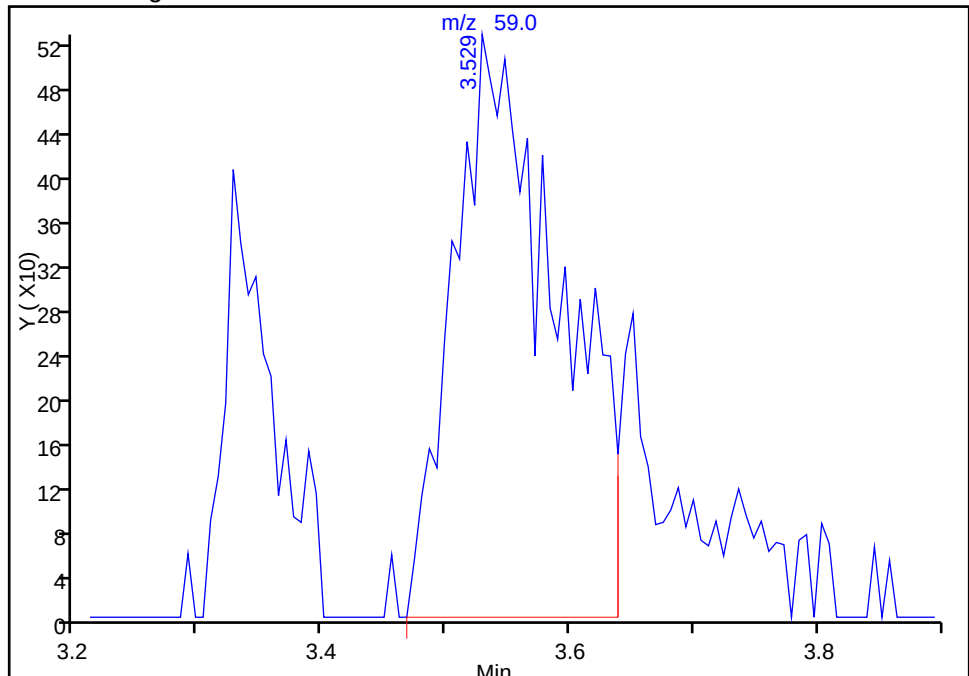
RT: 3.53
Area: 2041
Amount: 8.264021
Amount Units: ug/l

Processing Integration Results



RT: 3.53
Area: 3091
Amount: 10.789970
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:27:12
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

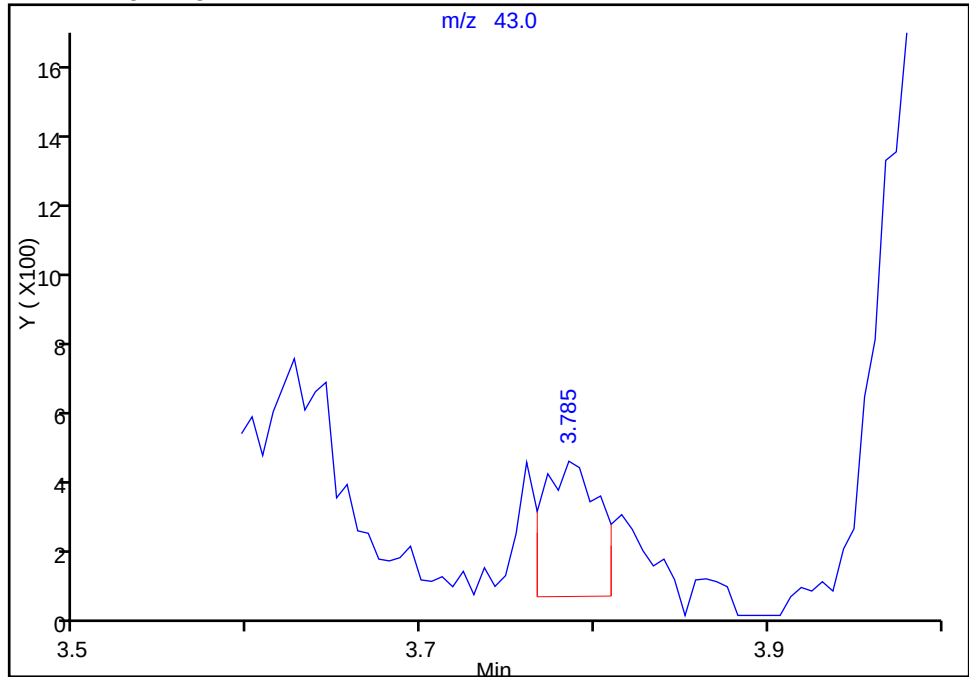
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

33 Hexane, CAS: 110-54-3

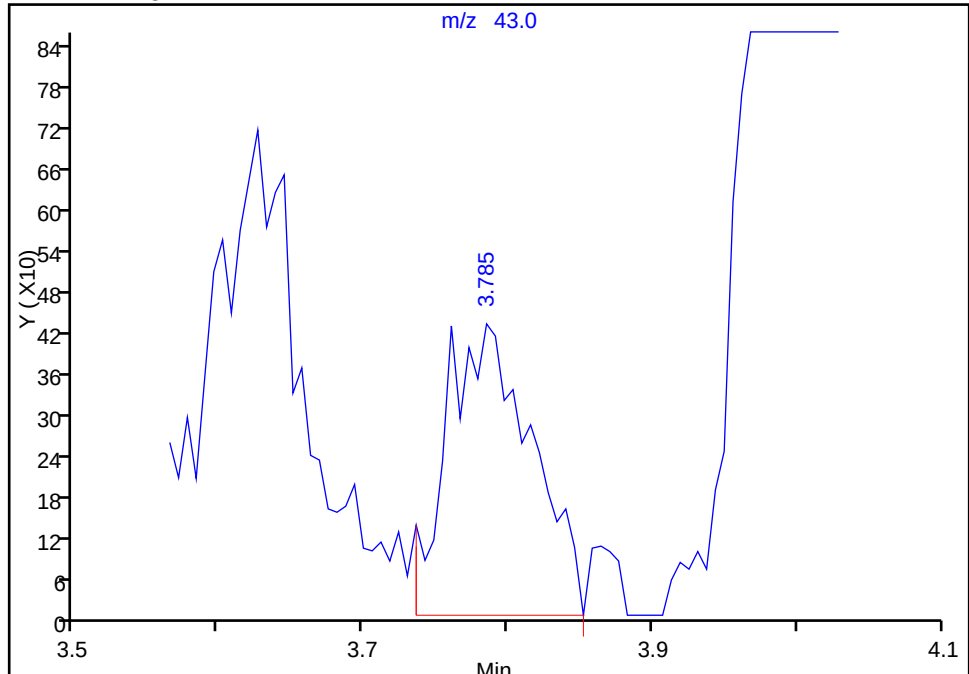
RT: 3.79
Area: 862
Amount: 0.292961
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 1777
Amount: 0.604023
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

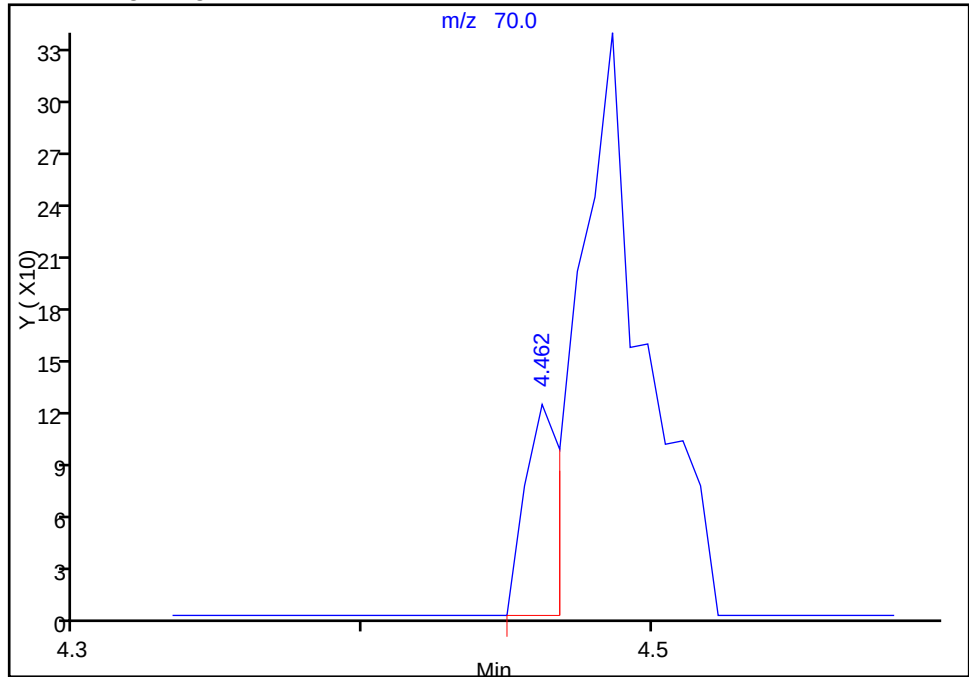
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

43 Ethyl acetate, CAS: 141-78-6

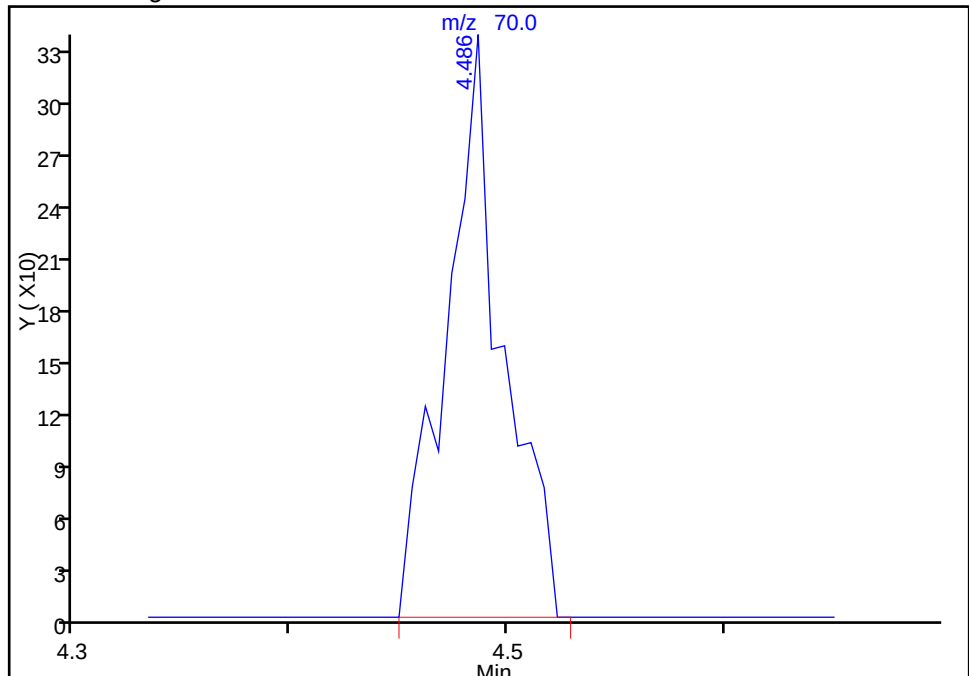
RT: 4.46
Area: 107
Amount: 0.477266
Amount Units: ug/l

Processing Integration Results



RT: 4.49
Area: 606
Amount: 2.475452
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

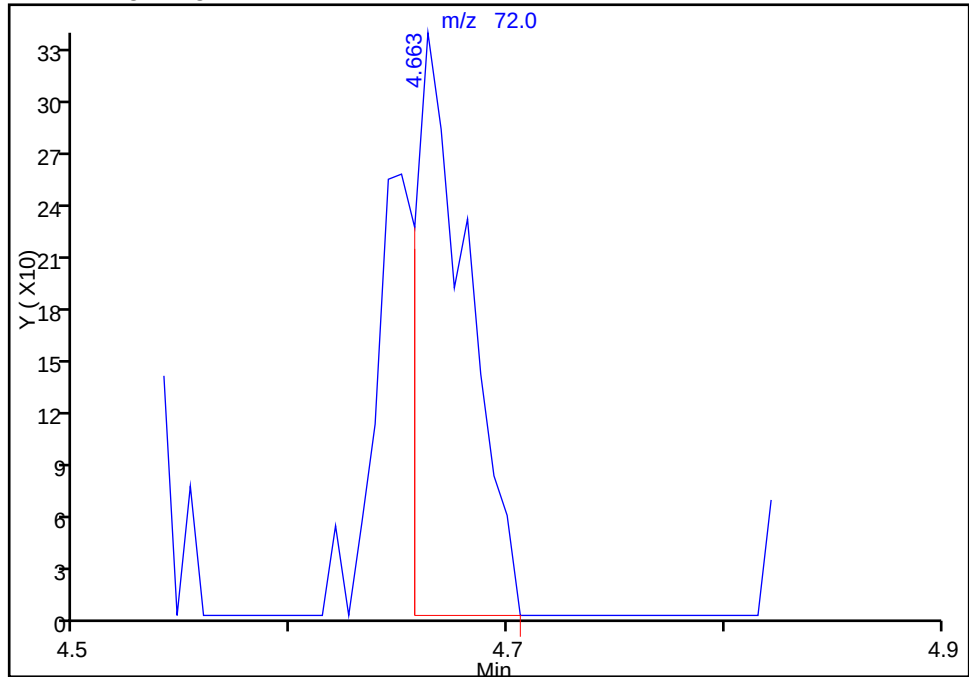
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

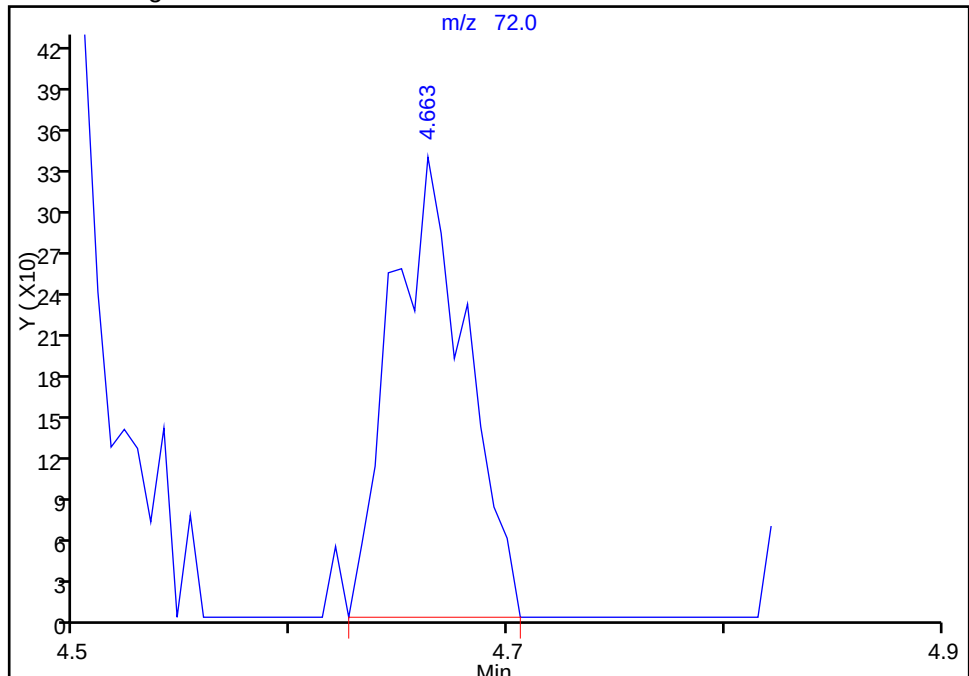
RT: 4.66
Area: 565
Amount: 1.835849
Amount Units: ug/l

Processing Integration Results



RT: 4.66
Area: 811
Amount: 2.412094
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

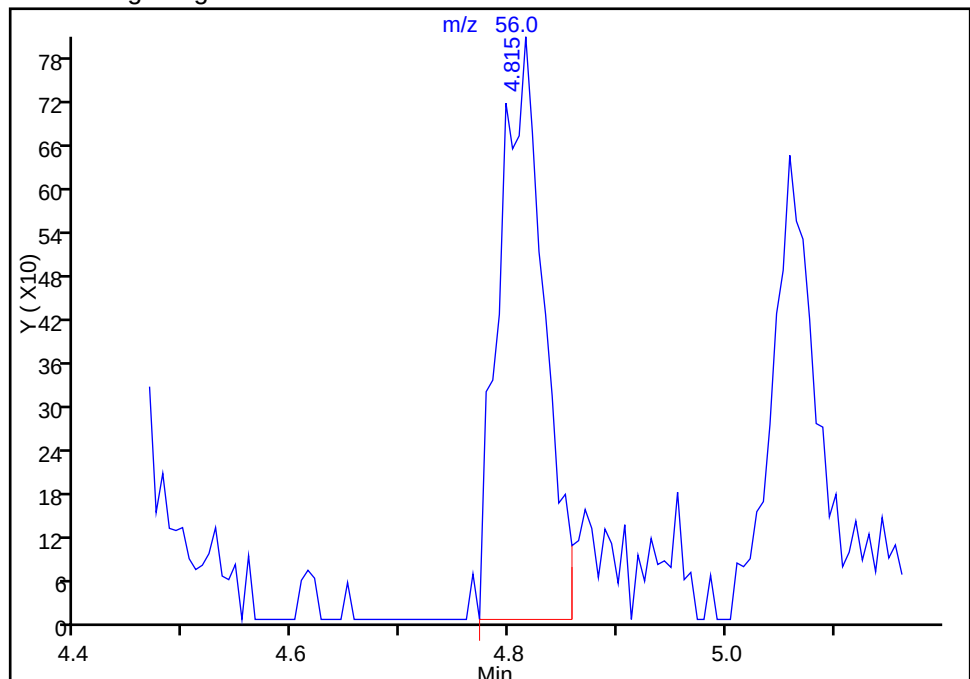
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
Injection Date: 25-Mar-2016 06:58:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

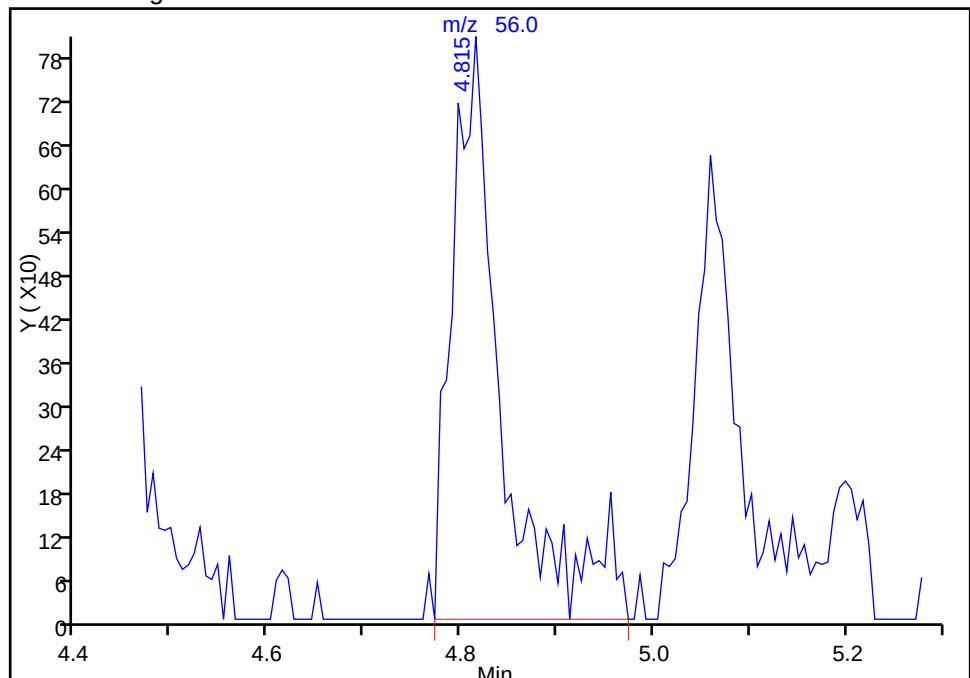
RT: 4.82
Area: 2289
Amount: 0.450700
Amount Units: ug/l

Processing Integration Results



RT: 4.82
Area: 2887
Amount: 0.708847
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 18:04:12
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

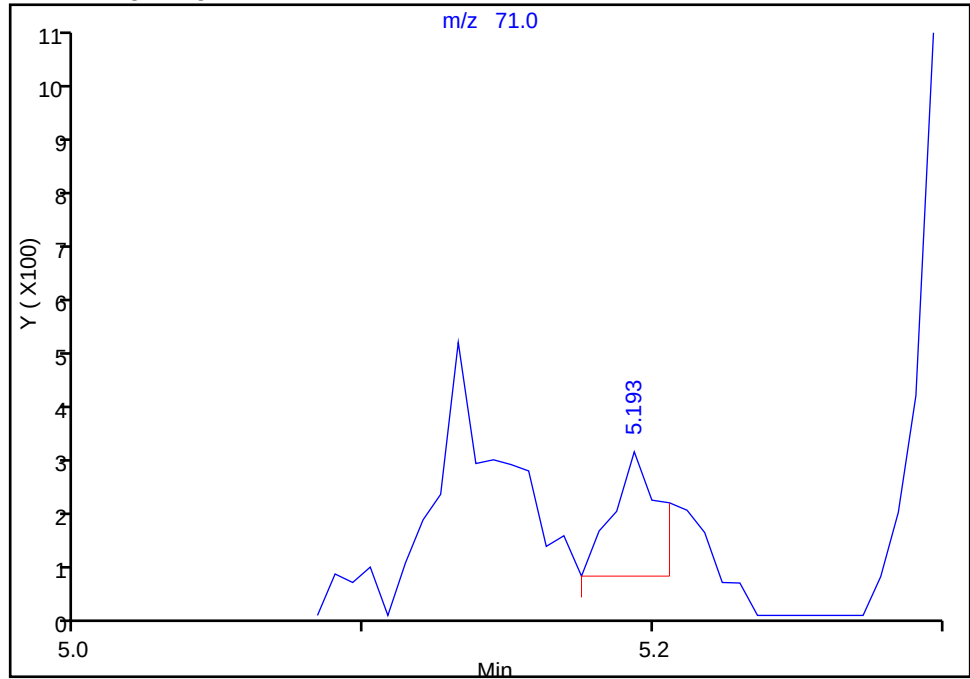
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN

63 n-Heptane, CAS: 142-82-5

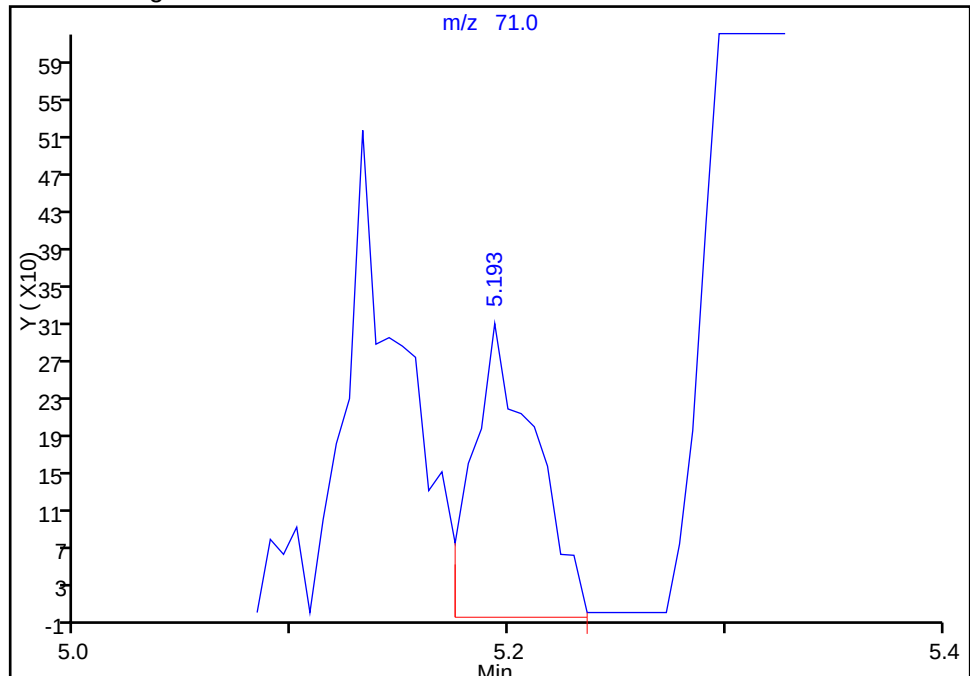
RT: 5.19
Area: 264
Amount: 0.111466
Amount Units: ug/l

Processing Integration Results



RT: 5.19
Area: 621
Amount: 0.262219
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

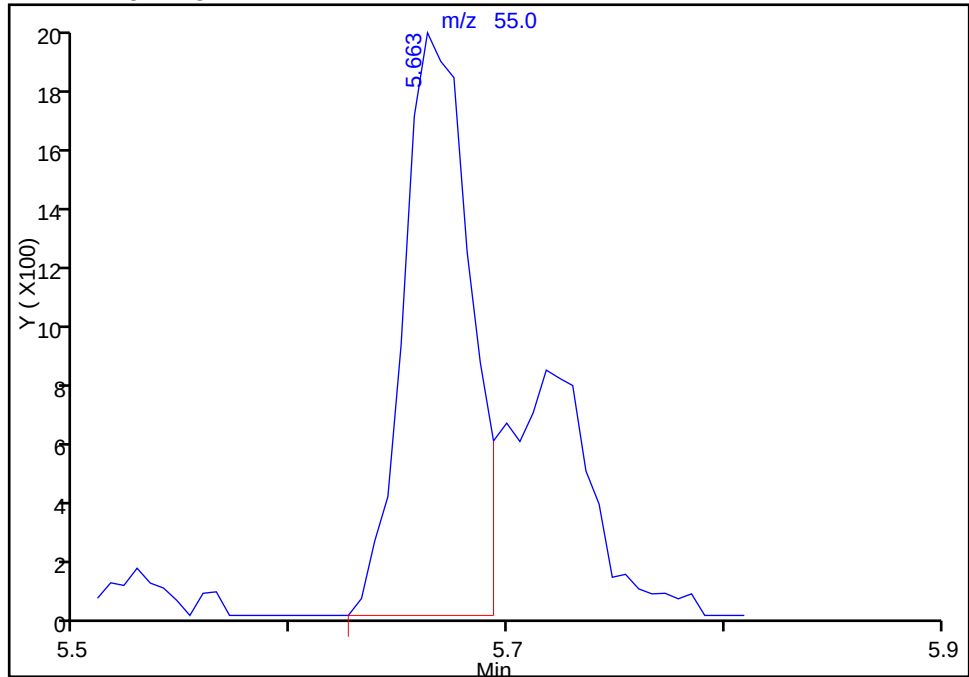
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D		
Injection Date:	25-Mar-2016 06:58:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

67 Ethyl acrylate, CAS: 140-88-5

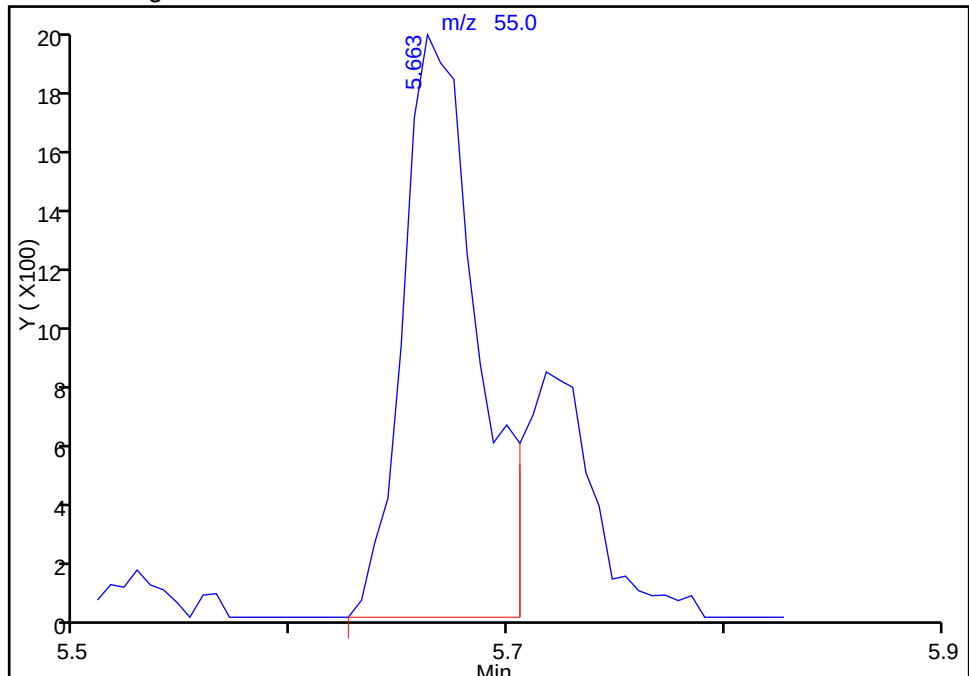
RT: 5.66
Area: 4325
Amount: 0.651208
Amount Units: ug/l

Processing Integration Results



RT: 5.66
Area: 4786
Amount: 0.845700
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 18:13:34
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

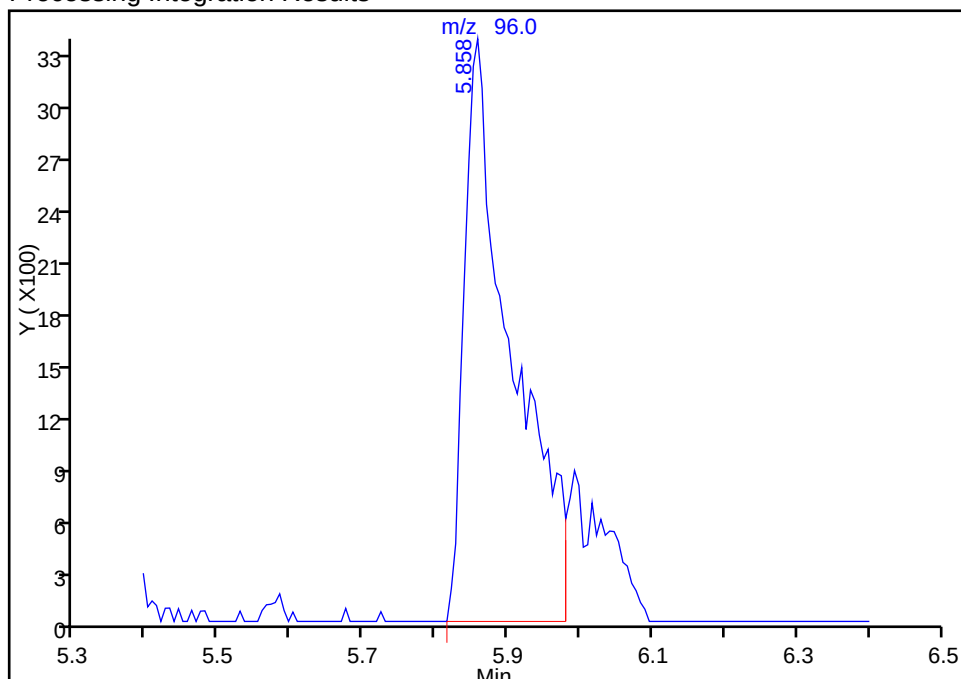
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
Injection Date: 25-Mar-2016 06:58:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

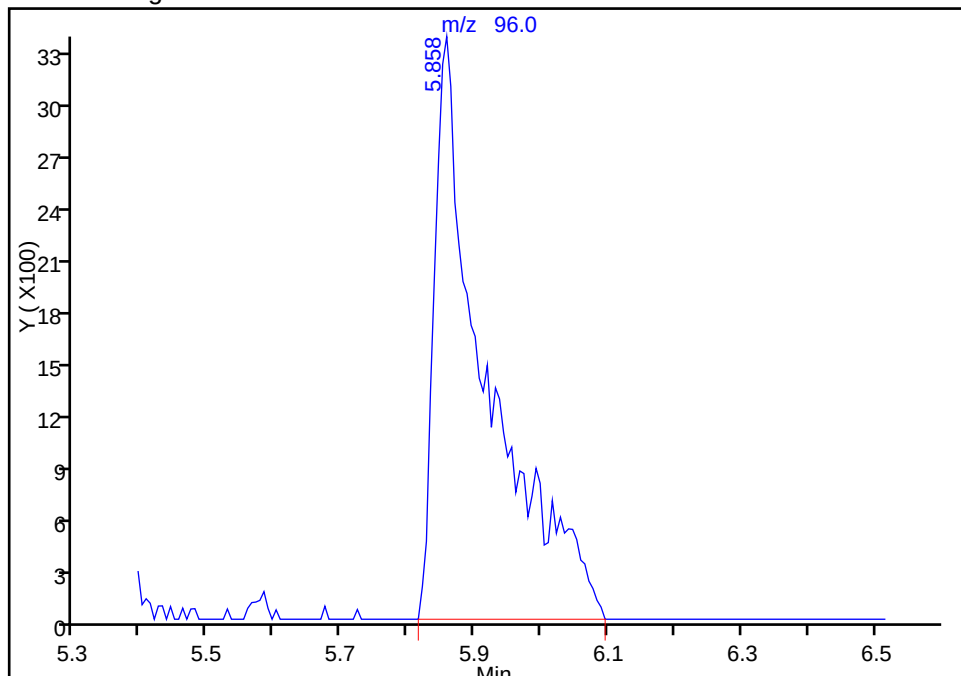
RT: 5.86
Area: 15311
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.86
Area: 18324
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

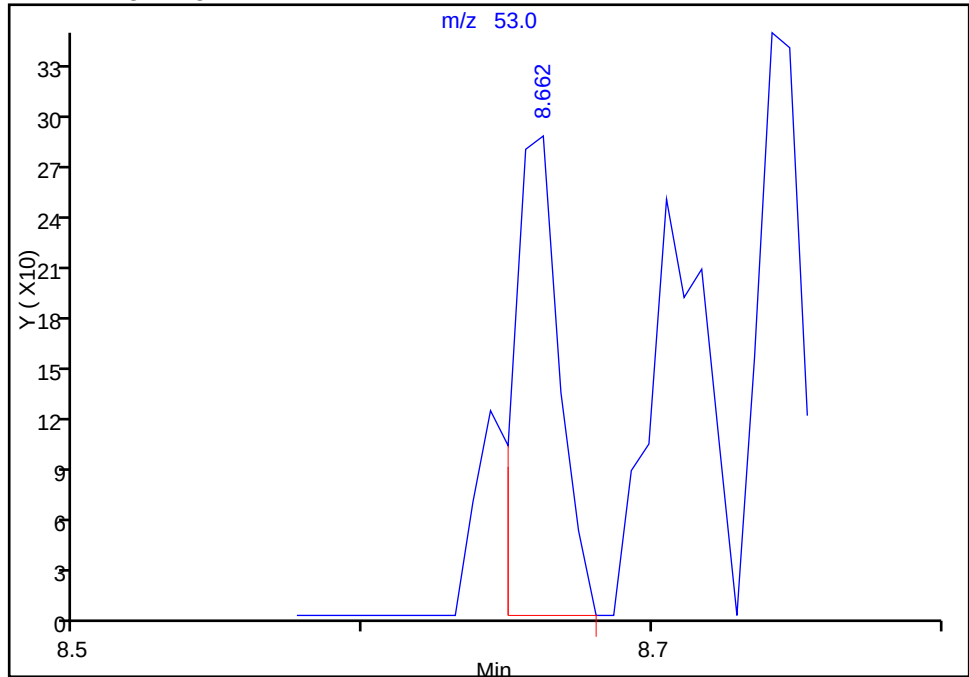
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19538.D
Injection Date: 25-Mar-2016 06:58:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

108 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

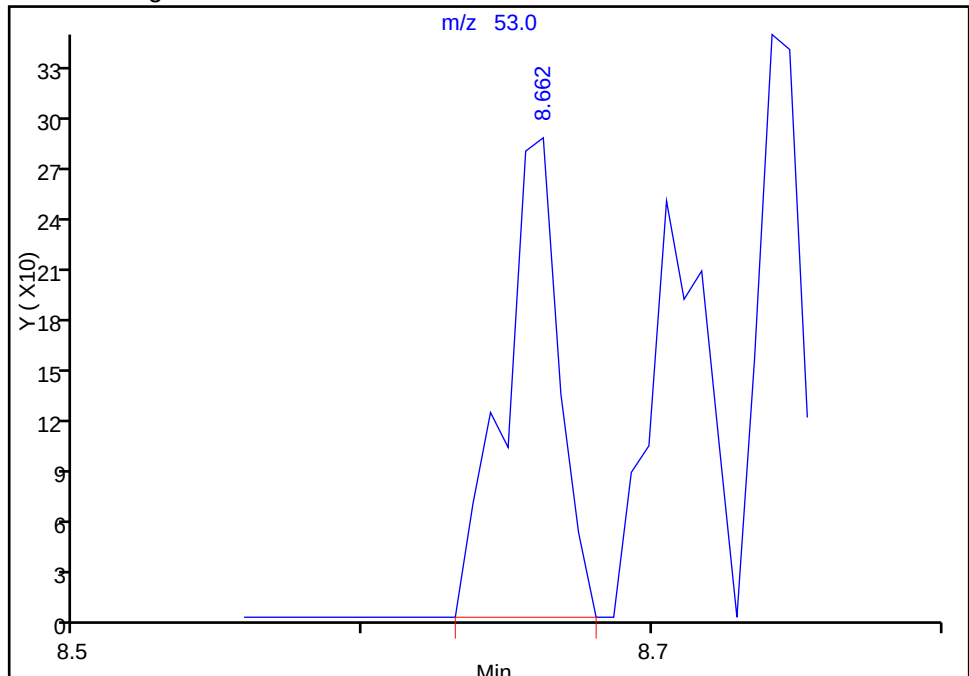
RT: 8.66
Area: 313
Amount: 0.551974
Amount Units: ug/l

Processing Integration Results



RT: 8.66
Area: 383
Amount: 0.817006
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:22:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19539.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Mar-2016 07:20:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0038955-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:09:59 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: desais

Date: 25-Mar-2016 12:00:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.596	-0.006	91	3657	5.00	5.46	
3 Dichlorodifluoromethane	85	1.633	1.639	-0.006	99	28091	5.00	5.98	
4 Chloromethane	50	1.804	1.810	-0.006	98	30752	5.00	5.74	
5 Vinyl chloride	62	1.901	1.907	-0.006	97	26173	5.00	5.70	
6 Butadiene	54	1.932	1.932	0.000	95	26472	5.00	6.03	
7 Bromomethane	94	2.237	2.243	-0.006	98	14283	5.00	5.75	
8 Chloroethane	64	2.310	2.322	-0.012	100	13625	5.00	5.86	
9 Dichlorofluoromethane	67	2.523	2.529	-0.006	98	32770	5.00	5.82	
10 Trichlorofluoromethane	101	2.529	2.541	-0.012	66	22829	5.00	6.03	
12 Pentane	72	2.548	2.566	-0.018	98	4089	10.0	9.41	
14 Ethanol	46	2.767	2.761	0.006	80	1936	200.0	165.2	M
13 Ethyl ether	59	2.767	2.767	0.000	92	12597	5.00	5.42	
15 2-Methyl-1,3-butadiene	53	2.779	2.797	-0.018	92	12442	5.00	5.13	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.852	-0.006	96	8803	5.00	4.92	
11 Acrolein	56	2.962	2.980	-0.018	40	3443	20.0	20.5	
17 1,1,2-Trichloro-1,2,2-trif	101	3.005	2.999	0.006	60	8371	5.00	4.51	
18 1,1-Dichloroethene	96	2.999	3.011	-0.012	94	11872	5.00	5.31	
19 Acetone	43	3.090	3.096	-0.006	86	31062	25.0	27.8	
20 Iodomethane	142	3.169	3.169	0.000	99	19247	5.00	5.44	
21 Carbon disulfide	76	3.194	3.200	-0.006	100	49301	5.00	5.35	
22 Isopropyl alcohol	45	3.200	3.200	0.000	28	8174	50.0	53.6	M
23 3-Chloro-1-propene	76	3.328	3.322	0.006	64	8751	5.00	5.45	
24 Methyl acetate	43	3.334	3.340	-0.006	98	67136	25.0	27.7	
25 Cyclopentene	67	3.334	3.346	-0.012	63	32826	5.00	4.88	
26 Acetonitrile	41	3.419	3.395	0.024	1	22141	50.0	50.1	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	244218	1000.0	1000.0	
27 Methylene Chloride	84	3.462	3.468	-0.006	94	15871	5.00	5.45	
29 2-Methyl-2-propanol	59	3.554	3.541	0.013	91	15448	50.0	56.0	M
30 Methyl tert-butyl ether	73	3.627	3.627	0.000	94	38667	5.00	5.15	
31 trans-1,2-Dichloroethene	96	3.633	3.633	0.000	96	12726	5.00	5.30	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.712	0.000	94	63040	50.0	51.8	
33 Hexane	43	3.779	3.779	0.000	93	8841	5.00	2.97	
34 Isopropyl ether	45	3.986	3.992	-0.006	94	51474	5.00	4.89	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	99	27888	5.00	5.28	
36 Vinyl acetate	86	4.023	4.023	0.000	100	4091	10.0	10.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.053	-0.012	92	9577	5.00	4.96	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	38877	5.00	4.89	
* 39 2-Butanone-d5	46	4.438	4.437	0.001	0	329221	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.462	-0.006	48	3210	5.00	5.50	
41 cis-1,2-Dichloroethene	96	4.462	4.468	-0.006	88	13041	5.00	5.29	
43 Ethyl acetate	70	4.480	4.480	0.000	94	2307	10.0	9.32	
42 2-Butanone (MEK)	72	4.486	4.486	0.000	94	7317	25.0	24.8	
44 Methyl acrylate	55	4.523	4.529	-0.006	97	12425	5.00	5.00	
45 Propionitrile	54	4.596	4.602	-0.006	98	21246	50.0	50.9	
47 Chlorobromomethane	128	4.657	4.657	0.000	92	5585	5.00	5.30	
46 Tetrahydrofuran	72	4.657	4.663	-0.006	59	3268	10.0	9.62	
48 Methacrylonitrile	67	4.681	4.681	0.000	97	50986	50.0	49.2	
49 Chloroform	83	4.694	4.699	-0.005	96	22480	5.00	5.44	
50 Cyclohexane	56	4.815	4.809	0.006	34	16839	5.00	4.08	M
52 1,1,1-Trichloroethane	97	4.822	4.828	-0.006	40	14361	5.00	4.67	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.828	-0.006	94	104654	50.0	50.7	
54 Carbon tetrachloride	117	4.913	4.919	-0.006	91	11898	5.00	4.58	
55 1,1-Dichloropropene	75	4.931	4.937	-0.006	91	15483	5.00	4.81	
56 Isobutyl alcohol	43	5.029	5.029	0.000	93	19356	125.0	139.2	
57 Isooctane	57	5.059	5.065	-0.006	95	23371	5.00	5.31	
58 Benzene	78	5.096	5.096	0.000	98	48821	5.00	5.25	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	160474	50.0	51.2	
60 Isopropyl acetate	43	5.132	5.132	0.000	94	45384	5.00	5.06	
61 Tert-amyl methyl ether	73	5.139	5.145	-0.006	90	34998	5.00	4.68	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	97	19306	5.00	5.43	
63 n-Heptane	71	5.200	5.199	0.001	95	5757	5.00	2.40	
* 64 Fluorobenzene	96	5.309	5.315	-0.006	96	400729	50.0	50.0	
65 n-Butanol	56	5.523	5.523	0.001	95	6199	125.0	108.0	
66 Trichloroethene	95	5.578	5.577	0.001	91	10613	5.00	4.90	
67 Ethyl acrylate	55	5.669	5.675	-0.006	97	23497	5.00	4.10	
68 Methylcyclohexane	83	5.681	5.687	-0.006	87	9268	5.00	2.80	
69 1,2-Dichloropropane	63	5.809	5.815	-0.006	91	14655	5.00	5.24	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	16954	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	93	4794	10.0	9.45	
72 n-Propyl acetate	43	5.901	5.900	0.001	97	20395	5.00	4.81	
73 1,4-Dioxane	88	5.913	5.907	0.006	1	1766	100.0	110.5	
74 Dibromomethane	93	5.919	5.919	0.000	85	7371	5.00	5.05	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	15431	5.00	4.99	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	83	6962	5.00	4.43	
77 2-Nitropropane	41	6.327	6.327	0.000	86	6193	10.0	8.68	
78 Epichlorohydrin	57	6.419	6.419	0.000	98	25471	100.0	98.2	
79 cis-1,3-Dichloropropene	75	6.462	6.467	-0.005	97	16750	5.00	4.74	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	76704	25.0	24.8	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	382972	50.0	50.9	
82 Toluene	91	6.724	6.723	0.001	92	44665	5.00	5.02	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	90	14571	5.00	4.60	
84 Ethyl methacrylate	69	6.974	6.973	0.001	94	14116	5.00	4.75	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.114	7.114	0.000	91	8823	5.00	5.20	
86 Tetrachloroethene	166	7.150	7.150	0.000	89	7254	5.00	4.72	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	96	17630	5.00	5.02	
88 2-Hexanone	43	7.278	7.278	0.000	98	49650	25.0	24.7	
89 n-Butyl acetate	73	7.333	7.333	0.000	96	2871	5.00	4.76	
90 Chlorodibromomethane	129	7.388	7.394	-0.006	94	8833	5.00	4.91	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	8762	5.00	5.03	
* 92 Chlorobenzene-d5	117	7.791	7.790	0.000	94	256825	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	26426	5.00	5.12	
94 Ethylbenzene	106	7.851	7.851	0.000	99	13771	5.00	4.95	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	91	9052	5.00	4.97	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	16515	5.00	4.91	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	7524	5.00	4.43	
98 o-Xylene	106	8.187	8.187	0.000	92	17860	5.00	5.09	
99 Styrene	104	8.205	8.205	0.000	91	28085	5.00	4.94	
100 Amyl acetate (mixed isomer)	43	8.290	8.284	0.006	87	26787	5.00	4.65	
101 Bromoform	173	8.345	8.345	0.000	90	4502	5.00	4.62	
102 Isopropylbenzene	105	8.400	8.400	0.000	98	42604	5.00	4.71	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	88583	50.0	50.2	
104 Bromobenzene	156	8.620	8.619	0.001	88	9970	5.00	4.99	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.619	0.001	97	15075	5.00	5.16	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	57049	5.00	4.80	
107 1,2,3-Trichloropropane	110	8.662	8.656	0.006	95	3754	5.00	5.32	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.656	0.006	68	1895	5.00	3.96	
109 4-Ethyltoluene	105	8.711	8.705	0.006	97	44558	5.00	4.85	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	42742	5.00	5.18	
111 1,3,5-Trimethylbenzene	105	8.748	8.741	0.007	92	37644	5.00	5.01	
112 Butyl Methacrylate	87	8.784	8.778	0.006	87	13212	5.00	4.52	
113 4-Chlorotoluene	91	8.784	8.784	0.000	97	37846	5.00	5.40	
114 tert-Butylbenzene	119	8.924	8.924	0.000	89	26131	5.00	4.44	
115 1,2,4-Trimethylbenzene	105	8.961	8.955	0.006	98	39919	5.00	5.00	
116 sec-Butylbenzene	105	9.046	9.040	0.006	98	42764	5.00	4.39	
117 4-Isopropyltoluene	119	9.126	9.119	0.007	96	36243	5.00	4.51	
118 1,3-Dichlorobenzene	146	9.144	9.138	0.006	91	20780	5.00	5.23	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	96	134905	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.193	0.006	88	20865	5.00	5.03	
121 Benzyl chloride	91	9.284	9.278	0.006	97	23005	5.00	4.59	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	92	43730	5.00	4.87	
123 p-Diethylbenzene	119	9.345	9.339	0.006	91	24324	5.00	4.86	
124 n-Butylbenzene	92	9.357	9.357	0.000	97	23903	5.00	5.14	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	91	20666	5.00	5.10	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	95	32565	5.00	4.28	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.924	0.006	81	2635	5.00	4.95	
128 1,3,5-Trichlorobenzene	180	10.028	10.022	0.006	92	12595	5.00	4.70	
129 1,2,4-Trichlorobenzene	180	10.509	10.503	0.006	90	11348	5.00	4.84	
130 Hexachlorobutadiene	225	10.583	10.582	0.001	83	3715	5.00	4.49	
131 Naphthalene	128	10.735	10.729	0.006	98	27275	5.00	4.54	
132 1,2,3-Trichlorobenzene	180	10.942	10.942	0.000	91	9092	5.00	4.75	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 134 Xylenes, Total	100				0		10.0	10.0	
S 135 Total BTEX	1				0		25.0	25.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00054	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 1.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
GAS Hi_00140	Amount Added: 1.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19539.D

Injection Date: 25-Mar-2016 07:20:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD5

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

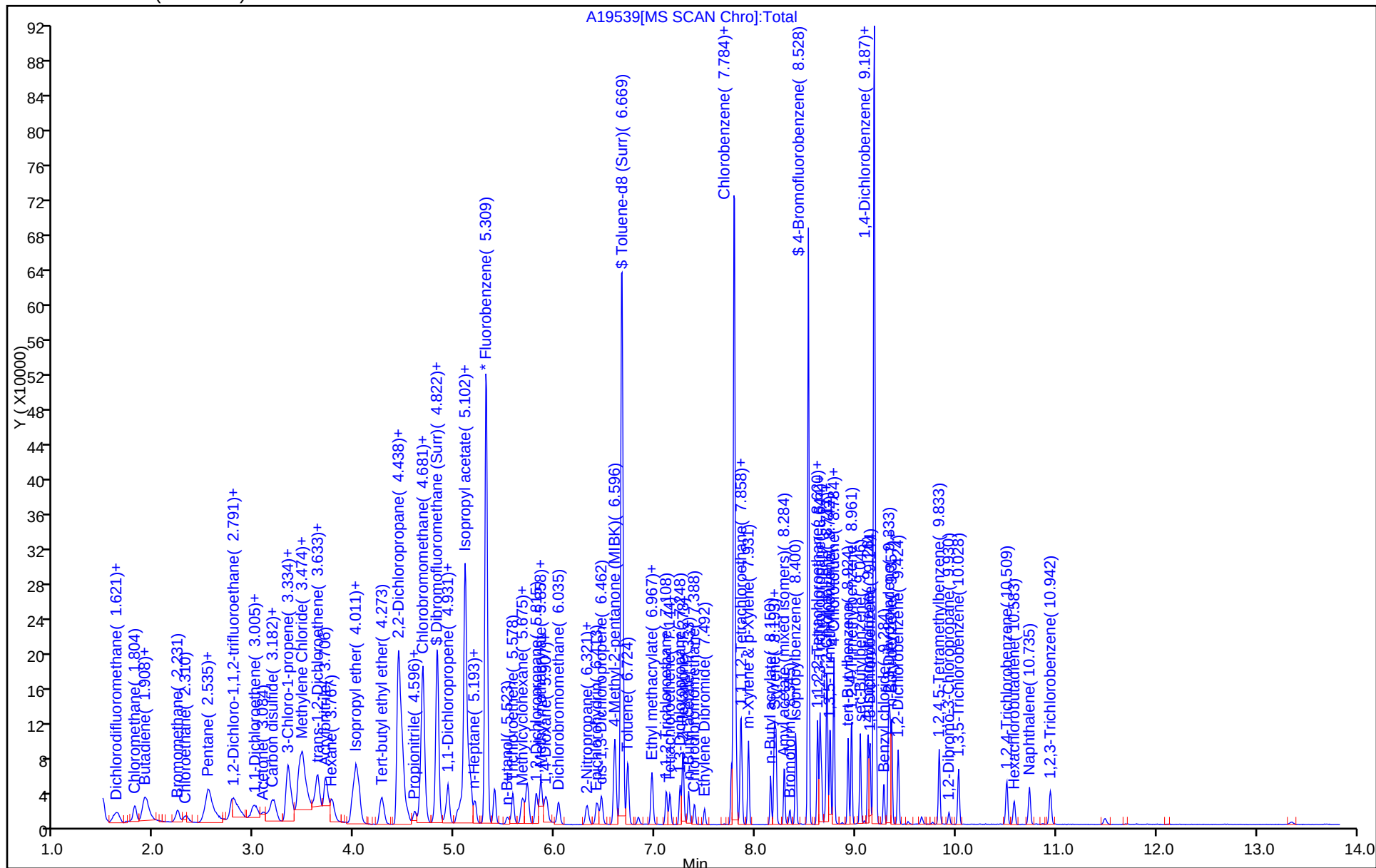
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



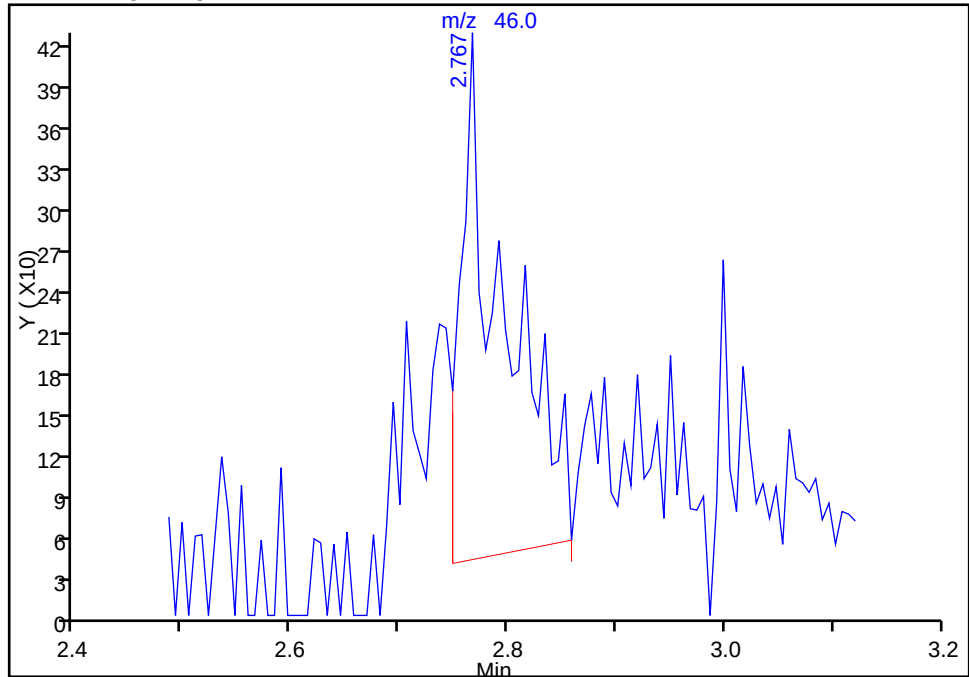
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19539.D		
Injection Date:	25-Mar-2016 07:20:30	Instrument ID:	CVOAMS1
Lims ID:	STD5		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	7

14 Ethanol, CAS: 64-17-5

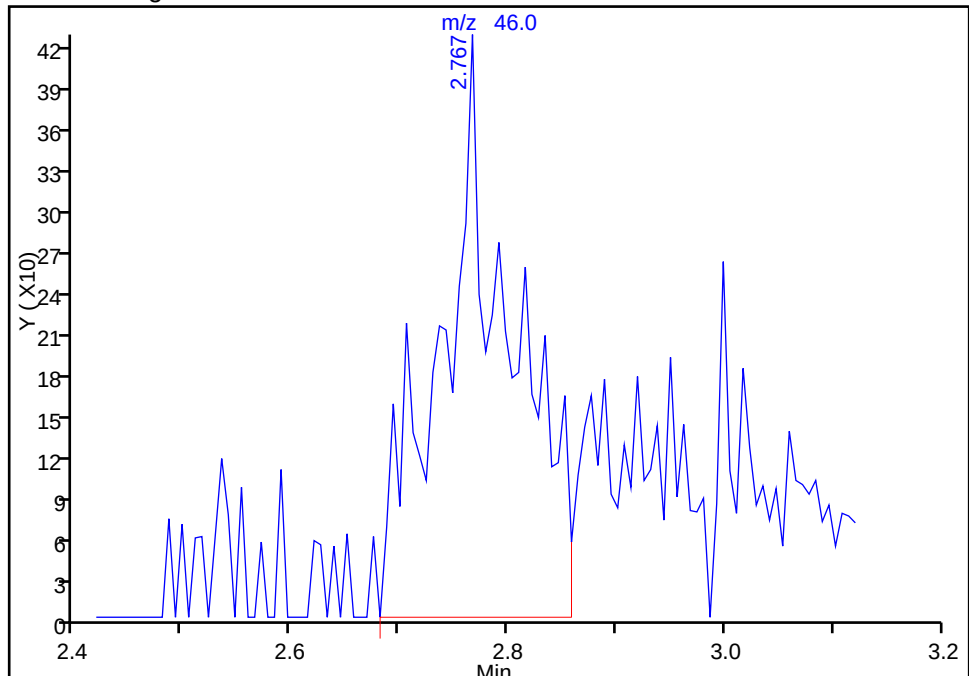
RT: 2.77
Area: 1074
Amount: 75.082929
Amount Units: ug/l

Processing Integration Results



RT: 2.77
Area: 1936
Amount: 165.2453
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:24:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

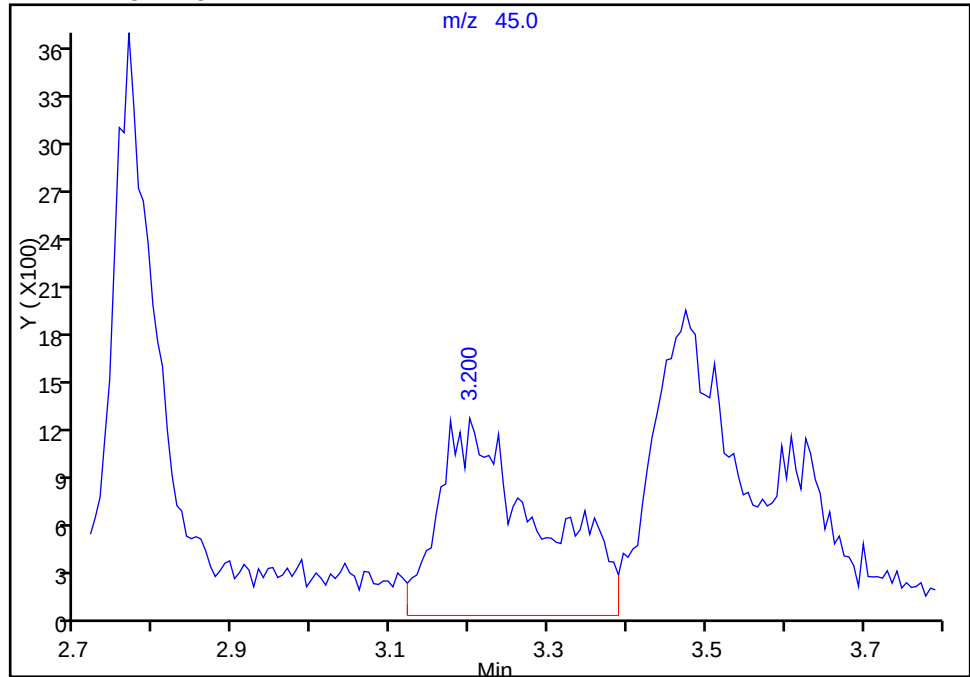
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19539.D		
Injection Date:	25-Mar-2016 07:20:30	Instrument ID:	CVOAMS1
Lims ID:	STD5		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	7

22 Isopropyl alcohol, CAS: 67-63-0

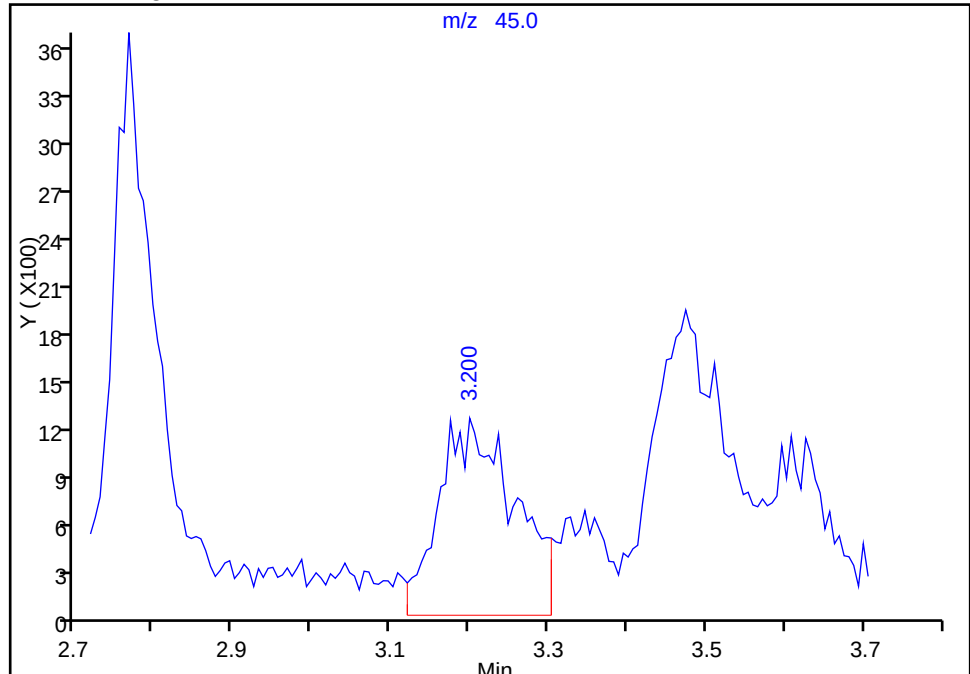
RT: 3.20
Area: 10660
Amount: 48.086830
Amount Units: ug/l

Processing Integration Results



RT: 3.20
Area: 8174
Amount: 53.558514
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:42:25
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

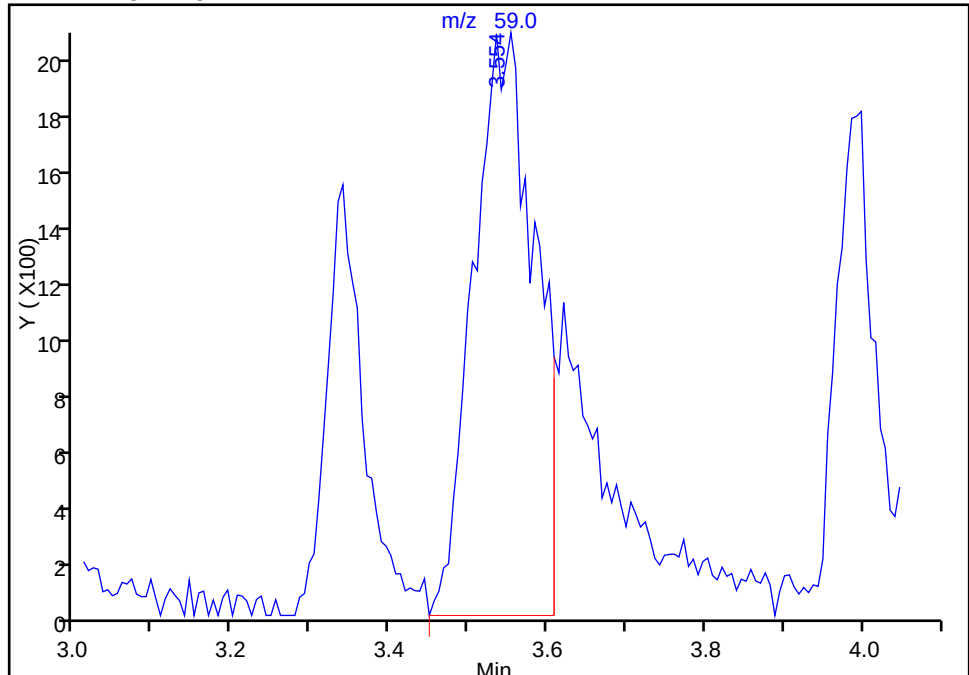
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19539.D
Injection Date: 25-Mar-2016 07:20:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 2-Methyl-2-propanol, CAS: 75-65-0

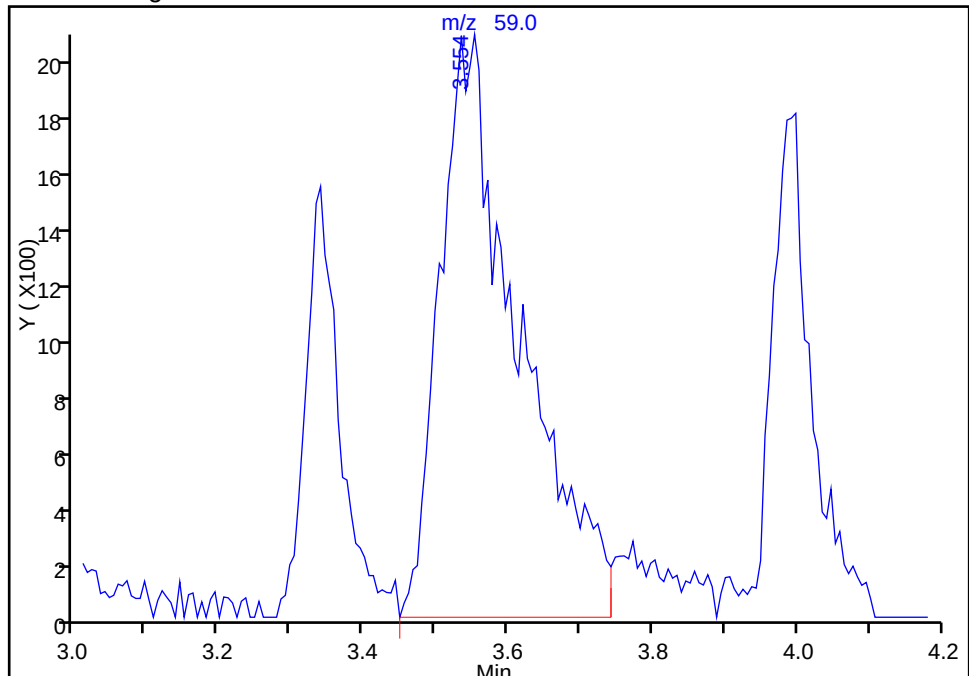
RT: 3.55
Area: 11172
Amount: 49.856402
Amount Units: ug/l

Processing Integration Results



RT: 3.55
Area: 15448
Amount: 56.018236
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:26:42
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

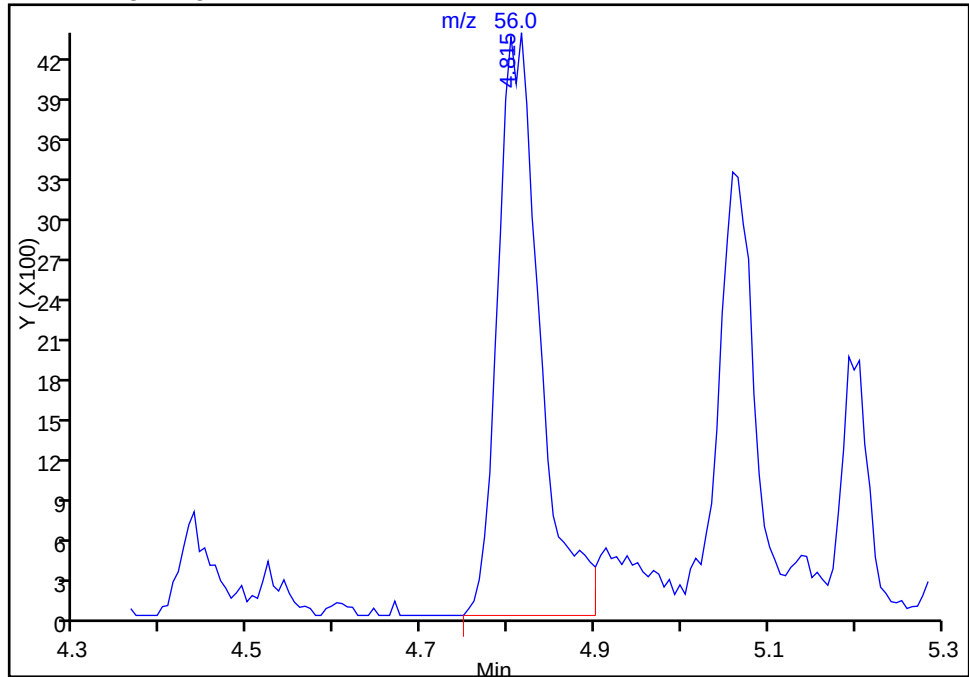
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19539.D
Injection Date: 25-Mar-2016 07:20:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

50 Cyclohexane, CAS: 110-82-7

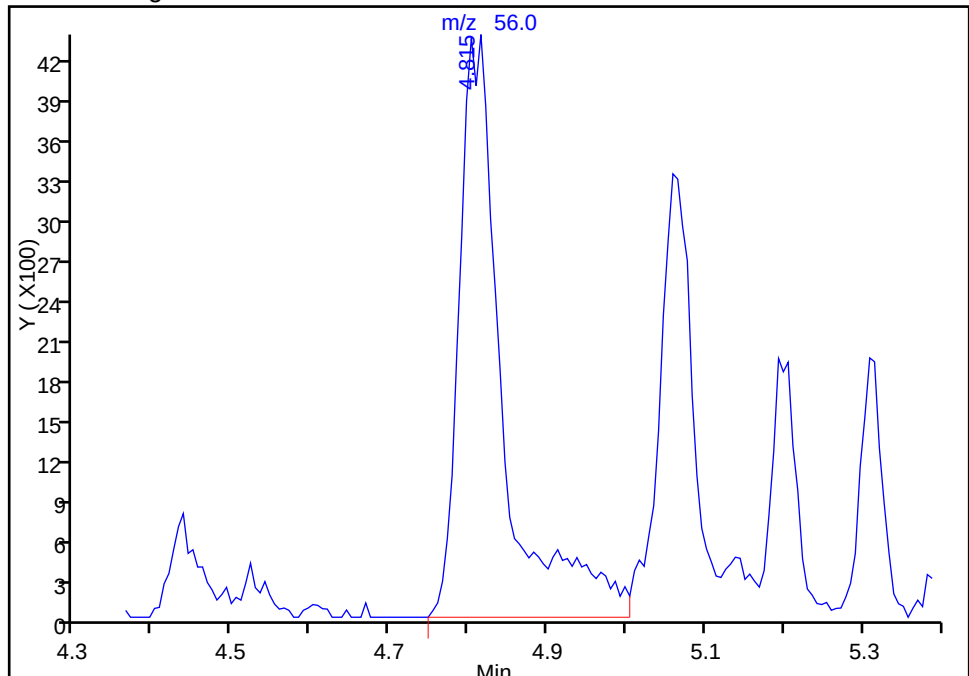
RT: 4.82
Area: 14748
Amount: 2.867354
Amount Units: ug/l

Processing Integration Results



RT: 4.82
Area: 16839
Amount: 4.079383
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 18:06:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19540.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 25-Mar-2016 07:42:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0038955-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:19:30 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: delpolitov

Date: 28-Mar-2016 12:07:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.596	1.596	0.000	90	14841	20.0	21.3	
3 Dichlorodifluoromethane	85	1.639	1.639	0.000	99	99980	20.0	20.4	
4 Chloromethane	50	1.810	1.810	0.000	99	112502	20.0	20.2	
5 Vinyl chloride	62	1.907	1.907	0.000	98	93171	20.0	19.5	
6 Butadiene	54	1.932	1.932	0.000	97	92852	20.0	20.3	
7 Bromomethane	94	2.243	2.243	0.000	99	52982	20.0	20.5	
8 Chloroethane	64	2.322	2.322	0.000	100	49999	20.0	20.6	
9 Dichlorofluoromethane	67	2.529	2.529	0.000	98	119411	20.0	20.4	
10 Trichlorofluoromethane	101	2.541	2.541	0.000	62	79904	20.0	20.3	
12 Pentane	72	2.566	2.566	0.000	98	19065	40.0	42.1	
14 Ethanol	46	2.761	2.761	0.000	75	8941	800.0	747.2	
13 Ethyl ether	59	2.767	2.767	0.000	91	46875	20.0	19.4	
15 2-Methyl-1,3-butadiene	53	2.797	2.797	0.000	96	50367	20.0	19.9	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.852	0.000	98	36945	20.0	19.8	
11 Acrolein	56	2.980	2.980	0.000	1	6253	40.0	38.4	
17 1,1,2-Trichloro-1,2,2-trif	101	2.999	2.999	0.000	28	43353	20.0	20.4	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	93	43318	20.0	18.6	
19 Acetone	43	3.096	3.096	0.000	86	113172	100.0	97.4	
20 Iodomethane	142	3.169	3.169	0.000	98	70427	20.0	19.1	
21 Carbon disulfide	76	3.200	3.200	0.000	100	179399	20.0	18.7	
22 Isopropyl alcohol	45	3.200	3.200	0.000	1	28747	200.0	202.6	
23 3-Chloro-1-propene	76	3.322	3.322	0.000	91	26944	20.0	16.1	
24 Methyl acetate	43	3.340	3.340	0.000	98	250667	100.0	99.3	
25 Cyclopentene	67	3.346	3.346	0.000	67	141529	20.0	20.2	
26 Acetonitrile	41	3.395	3.395	0.000	46	105001	200.0	231.5	M
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	250590	1000.0	1000.0	
27 Methylene Chloride	84	3.468	3.468	0.000	96	58929	20.0	19.4	
29 2-Methyl-2-propanol	59	3.541	3.541	0.000	91	53755	200.0	190.0	
30 Methyl tert-butyl ether	73	3.627	3.627	0.000	93	150480	20.0	19.3	
31 trans-1,2-Dichloroethene	96	3.633	3.633	0.000	96	46702	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.712	0.000	93	245507	200.0	193.7	
33 Hexane	43	3.779	3.779	0.000	94	55208	20.0	17.9	
34 Isopropyl ether	45	3.992	3.992	0.000	93	222812	20.0	20.3	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	98	104032	20.0	18.9	
36 Vinyl acetate	86	4.023	4.023	0.000	100	15923	40.0	38.2	
37 2-Chloro-1,3-butadiene	88	4.053	4.053	0.000	93	39690	20.0	19.7	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	88	165155	20.0	20.0	
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	342105	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	70	11709	20.0	19.3	
41 cis-1,2-Dichloroethene	96	4.468	4.468	0.000	88	48420	20.0	18.8	
43 Ethyl acetate	70	4.480	4.480	0.000	93	9564	40.0	37.2	
42 2-Butanone (MEK)	72	4.486	4.486	0.000	94	29185	100.0	95.2	
44 Methyl acrylate	55	4.529	4.529	0.000	78	51070	20.0	19.7	
45 Propionitrile	54	4.602	4.602	0.000	98	89364	200.0	205.7	
47 Chlorobromomethane	128	4.657	4.657	0.000	93	20753	20.0	18.9	
46 Tetrahydrofuran	72	4.663	4.663	0.000	63	13136	40.0	37.2	
48 Methacrylonitrile	67	4.681	4.681	0.000	97	223113	200.0	206.6	
49 Chloroform	83	4.699	4.699	0.000	97	83081	20.0	19.3	
50 Cyclohexane	56	4.809	4.809	0.000	97	92040	20.0	21.4	
52 1,1,1-Trichloroethane	97	4.828	4.828	0.000	77	58747	20.0	18.4	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.828	0.000	94	106919	50.0	49.7	
54 Carbon tetrachloride	117	4.919	4.919	0.000	94	47497	20.0	17.5	
55 1,1-Dichloropropene	75	4.937	4.937	0.000	91	62088	20.0	18.5	
56 Isobutyl alcohol	43	5.029	5.029	0.000	90	71647	500.0	502.0	
57 Isooctane	57	5.065	5.065	0.000	95	96136	20.0	21.0	
58 Benzene	78	5.096	5.096	0.000	98	183272	20.0	18.6	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	169634	50.0	52.0	
60 Isopropyl acetate	43	5.132	5.132	0.000	96	192537	20.0	20.6	
61 Tert-amyl methyl ether	73	5.145	5.145	0.000	91	161985	20.0	20.8	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	96	71755	20.0	19.4	
63 n-Heptane	71	5.199	5.199	0.000	96	41116	20.0	16.6	
* 64 Fluorobenzene	96	5.315	5.315	0.000	96	417448	50.0	50.0	
65 n-Butanol	56	5.523	5.523	0.000	97	27786	500.0	471.8	
66 Trichloroethene	95	5.577	5.577	0.000	92	40330	20.0	17.9	
67 Ethyl acrylate	55	5.675	5.675	0.000	96	129093	20.0	21.6	
68 Methylcyclohexane	83	5.687	5.687	0.000	87	62349	20.0	18.2	
69 1,2-Dichloropropane	63	5.815	5.815	0.000	93	54565	20.0	18.7	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	17883	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	93	20643	40.0	39.0	
72 n-Propyl acetate	43	5.900	5.900	0.000	98	90605	20.0	20.5	
73 1,4-Dioxane	88	5.907	5.907	0.000	28	7759	400.0	460.1	
74 Dibromomethane	93	5.919	5.919	0.000	86	28776	20.0	18.9	
75 Dichlorobromomethane	83	6.035	6.035	0.000	97	59082	20.0	18.3	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	97	32534	20.0	19.9	
77 2-Nitropropane	41	6.327	6.327	0.000	99	27093	40.0	36.5	
78 Epichlorohydrin	57	6.419	6.419	0.000	100	103470	400.0	384.0	
79 cis-1,3-Dichloropropene	75	6.467	6.467	0.000	97	71188	20.0	19.1	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	307613	100.0	95.8	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	401710	50.0	50.5	
82 Toluene	91	6.723	6.723	0.000	92	172431	20.0	18.4	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	62059	20.0	18.6	
84 Ethyl methacrylate	69	6.973	6.973	0.000	92	57619	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.114	7.114	0.000	92	34265	20.0	19.1	
86 Tetrachloroethene	166	7.150	7.150	0.000	88	29204	20.0	18.0	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	69989	20.0	18.9	
88 2-Hexanone	43	7.278	7.278	0.000	99	205297	100.0	98.1	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	12408	20.0	19.5	
90 Chlorodibromomethane	129	7.394	7.394	0.000	96	35729	20.0	18.8	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	34243	20.0	18.6	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	93	271313	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	89	101112	20.0	18.5	
94 Ethylbenzene	106	7.851	7.851	0.000	100	54839	20.0	18.7	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	91	35308	20.0	18.3	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	67490	20.0	19.0	
97 n-Butyl acrylate	73	8.150	8.150	0.000	94	34901	20.0	19.4	
98 o-Xylene	106	8.187	8.187	0.000	92	70734	20.0	19.1	
99 Styrene	104	8.205	8.205	0.000	89	115088	20.0	19.1	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	126276	20.0	20.8	
101 Bromoform	173	8.345	8.345	0.000	89	18306	20.0	17.8	
102 Isopropylbenzene	105	8.400	8.400	0.000	98	177073	20.0	18.5	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	93622	50.0	50.2	
104 Bromobenzene	156	8.619	8.619	0.000	89	38136	20.0	18.1	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	97	57545	20.0	18.7	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	241112	20.0	19.3	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	95	14654	20.0	19.7	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	69	9601	20.0	19.0	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	191308	20.0	19.7	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	169824	20.0	19.5	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	91	162519	20.0	20.5	
112 Butyl Methacrylate	87	8.778	8.778	0.000	97	65241	20.0	21.2	
113 4-Chlorotoluene	91	8.784	8.784	0.000	99	148322	20.0	20.1	
114 tert-Butylbenzene	119	8.924	8.924	0.000	90	116599	20.0	18.8	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	166773	20.0	19.8	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	196917	20.0	19.2	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	96	161896	20.0	19.1	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	91	80060	20.0	19.1	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	142247	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.193	0.000	92	83479	20.0	19.1	
121 Benzyl chloride	91	9.278	9.278	0.000	96	104159	20.0	19.7	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	93	192255	20.0	20.3	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	108324	20.0	20.5	
124 n-Butylbenzene	92	9.357	9.357	0.000	76	103336	20.0	21.1	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	91	79793	20.0	18.7	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	95	154617	20.0	19.3	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	83	10081	20.0	17.9	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	92	52919	20.0	18.7	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	91	44407	20.0	17.9	
130 Hexachlorobutadiene	225	10.582	10.582	0.000	84	16596	20.0	19.0	
131 Naphthalene	128	10.729	10.729	0.000	98	109406	20.0	17.3	
132 1,2,3-Trichlorobenzene	180	10.942	10.942	0.000	91	36611	20.0	18.2	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.5	
S 134 Xylenes, Total	100				0		40.0	38.0	
S 135 Total BTEX	1				0		100.0	93.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00054	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 2.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
GAS Hi_00140	Amount Added: 2.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19540.D

Injection Date: 25-Mar-2016 07:42:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD20

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

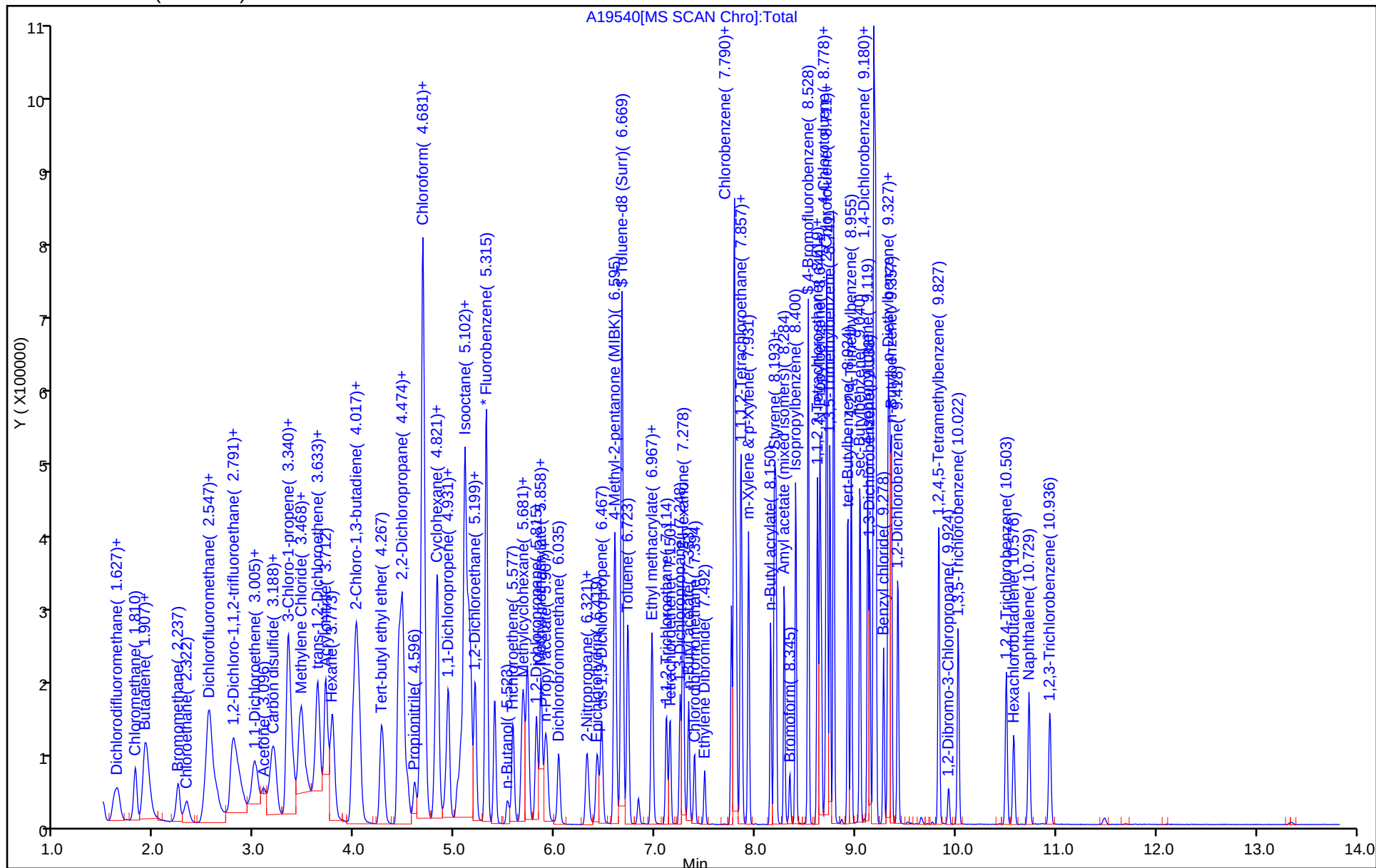
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



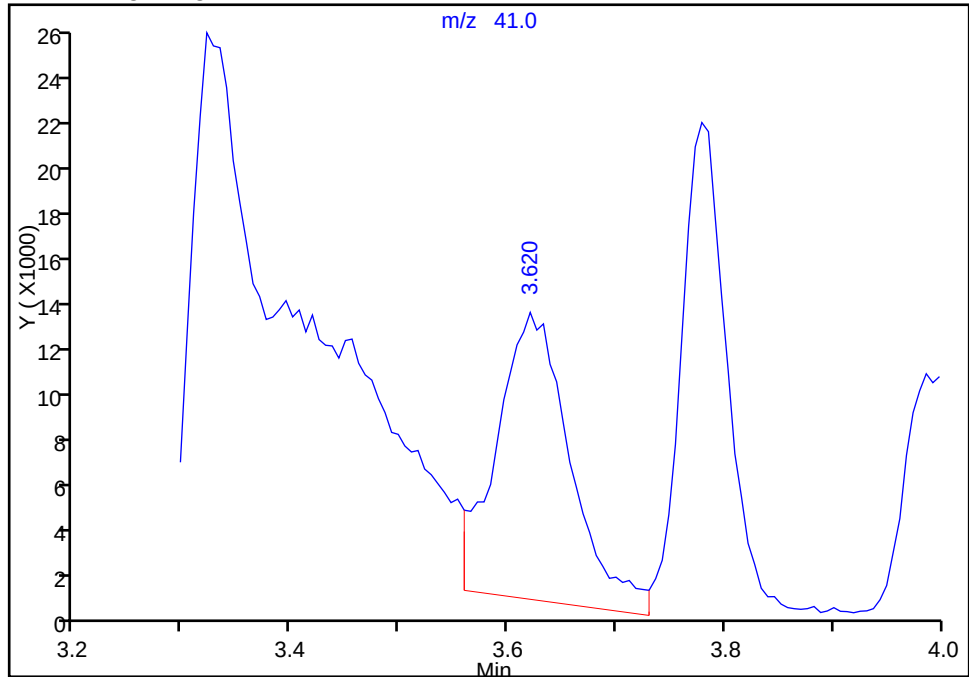
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19540.D
Injection Date: 25-Mar-2016 07:42:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

26 Acetonitrile, CAS: 75-05-8

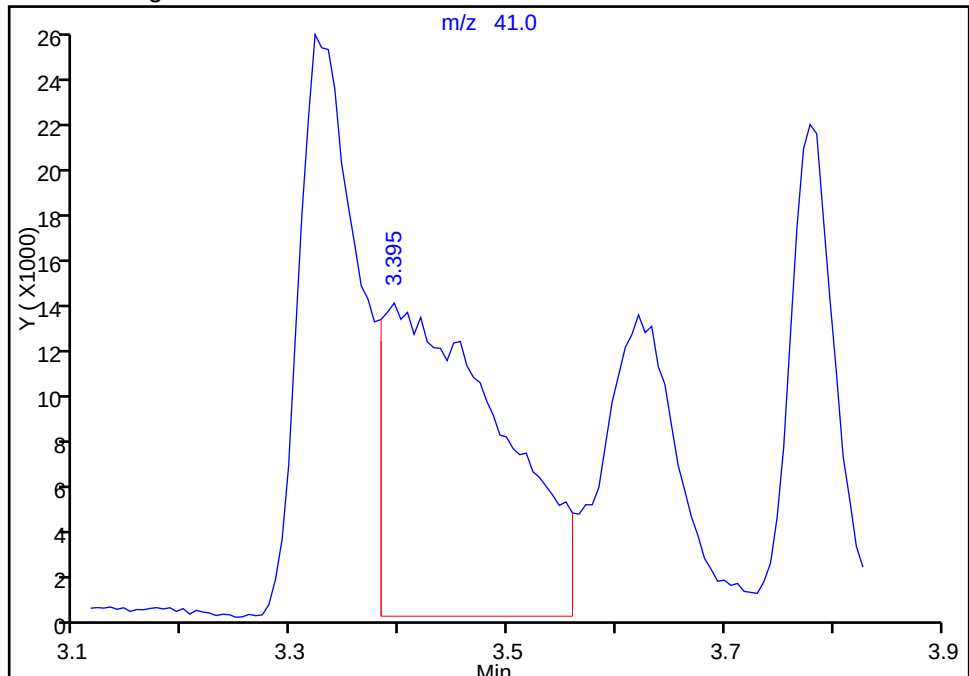
RT: 3.62
Area: 60006
Amount: 96.119563
Amount Units: ug/l

Processing Integration Results



RT: 3.39
Area: 105001
Amount: 231.5007
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:12:29
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19541.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 25-Mar-2016 08:04:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0038955-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:10:30 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: desais

Date: 25-Mar-2016 11:55:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.602	1.596	0.006	90	39157	50.0	53.9	
3 Dichlorodifluoromethane	85	1.639	1.639	0.000	99	258012	50.0	50.6	
4 Chloromethane	50	1.816	1.810	0.006	99	279254	50.0	48.0	
5 Vinyl chloride	62	1.913	1.907	0.006	98	237458	50.0	47.7	
6 Butadiene	54	1.932	1.932	0.000	99	234716	50.0	49.3	
7 Bromomethane	94	2.243	2.243	0.000	99	131146	50.0	48.6	
8 Chloroethane	64	2.328	2.322	0.006	100	121170	50.0	48.0	
9 Dichlorofluoromethane	67	2.529	2.529	0.000	98	296717	50.0	48.5	
10 Trichlorofluoromethane	101	2.535	2.541	-0.006	93	209904	50.0	51.1	
12 Pentane	72	2.566	2.566	0.000	97	53832	100.0	114.2	
14 Ethanol	46	2.767	2.761	0.006	75	31644	2000.0	2459.9	
13 Ethyl ether	59	2.773	2.767	0.006	92	123940	50.0	49.2	
15 2-Methyl-1,3-butadiene	53	2.797	2.797	0.000	96	132698	50.0	50.4	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.852	-0.006	97	98247	50.0	50.6	
11 Acrolein	56	2.980	2.980	0.000	1	17864	100.0	105.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.999	2.999	-0.001	93	117129	50.0	52.2	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	94	119026	50.0	49.1	
19 Acetone	43	3.102	3.096	0.006	87	298776	250.0	242.5	
20 Iodomethane	142	3.175	3.169	0.006	98	185880	50.0	48.4	
21 Carbon disulfide	76	3.206	3.200	0.006	100	502873	50.0	50.3	
22 Isopropyl alcohol	45	3.206	3.200	0.006	1	71787	500.0	481.9	M
23 3-Chloro-1-propene	76	3.328	3.322	0.006	85	81245	50.0	46.6	
24 Methyl acetate	43	3.340	3.340	0.000	99	662439	250.0	251.9	
25 Cyclopentene	67	3.346	3.346	0.000	89	364880	50.0	50.0	
26 Acetonitrile	41	3.401	3.395	0.006	0	287703	500.0	581.9	
* 28 TBA-d9 (IS)	65	3.480	3.468	0.012	0	273184	1000.0	1000.0	
27 Methylene Chloride	84	3.474	3.468	0.006	97	152545	50.0	48.2	
29 2-Methyl-2-propanol	59	3.547	3.541	0.006	91	146253	500.0	474.1	M
30 Methyl tert-butyl ether	73	3.626	3.627	-0.001	98	399311	50.0	49.0	
31 trans-1,2-Dichloroethene	96	3.639	3.633	0.006	97	126045	50.0	48.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.712	0.000	93	649261	500.0	491.6	
33 Hexane	43	3.779	3.779	0.000	95	154573	50.0	49.0	
34 Isopropyl ether	45	3.992	3.992	0.000	93	563257	50.0	49.3	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	99	280164	50.0	48.9	
36 Vinyl acetate	86	4.023	4.023	0.000	100	42783	100.0	98.5	
37 2-Chloro-1,3-butadiene	88	4.047	4.053	-0.006	93	103378	50.0	49.3	
38 Tert-butyl ethyl ether	59	4.273	4.267	0.006	87	426184	50.0	49.4	
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	362645	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	91	31589	50.0	49.9	
41 cis-1,2-Dichloroethene	96	4.468	4.468	0.000	88	129571	50.0	48.4	
43 Ethyl acetate	70	4.480	4.480	0.000	93	25823	100.0	94.8	
42 2-Butanone (MEK)	72	4.486	4.486	0.000	95	80544	250.0	247.9	
44 Methyl acrylate	55	4.529	4.529	0.000	98	131648	50.0	48.8	
45 Propionitrile	54	4.602	4.602	0.000	98	224795	500.0	496.5	
47 Chlorobromomethane	128	4.657	4.657	0.000	93	56026	50.0	49.0	
46 Tetrahydrofuran	72	4.663	4.663	0.000	82	34785	100.0	92.9	
48 Methacrylonitrile	67	4.681	4.681	0.000	97	578082	500.0	513.8	
49 Chloroform	83	4.699	4.699	0.000	97	226620	50.0	50.5	
50 Cyclohexane	56	4.809	4.809	0.000	98	265244	50.0	59.2	
52 1,1,1-Trichloroethane	97	4.827	4.828	-0.001	95	160669	50.0	48.2	
\$ 53 Dibromofluoromethane (Surr	113	4.827	4.828	-0.001	94	113222	50.0	50.5	
54 Carbon tetrachloride	117	4.919	4.919	0.000	94	137017	50.0	48.6	
55 1,1-Dichloropropene	75	4.937	4.937	0.000	92	177521	50.0	50.8	
56 Isobutyl alcohol	43	5.029	5.029	0.000	95	193436	1250.0	1243.3	
57 Isooctane	57	5.065	5.065	0.000	94	242075	50.0	50.6	
58 Benzene	78	5.096	5.096	0.000	99	502449	50.0	48.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	172914	50.0	50.8	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	495937	50.0	51.0	
61 Tert-amyl methyl ether	73	5.144	5.145	-0.001	92	418545	50.0	51.5	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	96	191490	50.0	49.6	
63 n-Heptane	71	5.205	5.199	0.006	96	117491	50.0	46.3	
* 64 Fluorobenzene	96	5.315	5.315	0.000	97	434971	50.0	50.0	
65 n-Butanol	56	5.529	5.523	0.006	94	79817	1250.0	1243.3	
66 Trichloroethene	95	5.577	5.577	0.000	92	113871	50.0	48.5	
67 Ethyl acrylate	55	5.669	5.675	-0.006	98	349123	50.0	56.1	M
68 Methylcyclohexane	83	5.687	5.687	0.000	87	175329	50.0	49.7	
69 1,2-Dichloropropane	63	5.815	5.815	0.000	93	147491	50.0	48.5	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	22616	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	54883	100.0	99.6	
72 n-Propyl acetate	43	5.900	5.900	0.000	98	237234	50.0	51.5	
73 1,4-Dioxane	88	5.913	5.907	0.006	28	22559	1000.0	1057.8	
74 Dibromomethane	93	5.919	5.919	0.000	86	76039	50.0	48.0	
75 Dichlorobromomethane	83	6.035	6.035	-0.001	98	162477	50.0	48.4	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	96	88181	50.0	51.7	
77 2-Nitropropane	41	6.327	6.327	0.000	99	73282	100.0	94.7	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	285857	1000.0	1000.8	
79 cis-1,3-Dichloropropene	75	6.467	6.467	0.000	96	201340	50.0	50.8	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	849091	250.0	249.6	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	420479	50.0	49.9	
82 Toluene	91	6.723	6.723	0.000	92	471671	50.0	47.4	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	177973	50.0	50.2	
84 Ethyl methacrylate	69	6.973	6.973	0.000	93	165036	50.0	51.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.114	7.114	0.000	92	91761	50.0	48.3	
86 Tetrachloroethene	166	7.150	7.150	0.000	90	82928	50.0	48.2	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	98	191053	50.0	48.6	
88 2-Hexanone	43	7.278	7.278	0.000	99	568727	250.0	256.5	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	33714	50.0	50.0	
90 Chlorodibromomethane	129	7.394	7.394	0.000	96	97362	50.0	48.3	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	93892	50.0	48.1	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	92	287551	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	89	274138	50.0	47.4	
94 Ethylbenzene	106	7.851	7.851	0.000	100	152068	50.0	48.8	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.864	-0.001	93	98557	50.0	48.3	
96 m-Xylene & p-Xylene	106	7.930	7.931	-0.001	98	186806	50.0	49.6	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	94226	50.0	49.5	
98 o-Xylene	106	8.187	8.187	0.000	92	193200	50.0	49.1	
99 Styrene	104	8.205	8.205	0.000	94	324731	50.0	51.0	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	332044	50.0	51.5	
101 Bromoform	173	8.345	8.345	0.000	90	51331	50.0	47.0	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	506266	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	96766	50.0	49.0	
104 Bromobenzene	156	8.619	8.619	0.000	90	106017	50.0	47.5	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	151852	50.0	46.5	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	670933	50.0	50.6	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	95	39278	50.0	49.8	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	69	29487	50.0	55.2	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	510321	50.0	49.7	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	462100	50.0	50.2	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	91	445567	50.0	53.1	
112 Butyl Methacrylate	87	8.778	8.778	0.000	96	177382	50.0	54.3	
113 4-Chlorotoluene	91	8.784	8.784	0.000	98	402827	50.0	51.5	
114 tert-Butylbenzene	119	8.924	8.924	0.000	90	338383	50.0	51.4	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	99	463413	50.0	52.0	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	563604	50.0	51.8	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	97	463795	50.0	51.7	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	91	217704	50.0	49.1	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	150728	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	89	228940	50.0	49.4	
121 Benzyl chloride	91	9.278	9.278	0.000	97	278397	50.0	49.7	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	92	505571	50.0	50.4	
123 p-Diethylbenzene	119	9.339	9.339	0.000	90	290114	50.0	51.9	
124 n-Butylbenzene	92	9.357	9.357	0.000	87	283716	50.0	54.7	
125 1,2-Dichlorobenzene	146	9.418	9.424	-0.006	91	219614	50.0	48.5	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.833	-0.007	96	428812	50.0	50.4	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	85	27692	50.0	46.5	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	93	143272	50.0	47.8	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	91	124954	50.0	47.7	
130 Hexachlorobutadiene	225	10.576	10.582	-0.006	83	46429	50.0	50.3	
131 Naphthalene	128	10.729	10.729	0.000	98	323628	50.0	48.3	
132 1,2,3-Trichlorobenzene	180	10.936	10.942	-0.006	92	104725	50.0	49.0	
S 133 1,2-Dichloroethene, Total	100				0		100.0	96.8	
S 134 Xylenes, Total	100				0		100.0	98.7	
S 135 Total BTEX	1				0		250.0	243.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00054	Amount Added: 5.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 5.00	Units: uL	
ACROLEIN W_00049	Amount Added: 10.00	Units: uL	
GAS Hi_00140	Amount Added: 5.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19541.D

Injection Date: 25-Mar-2016 08:04:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD50

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

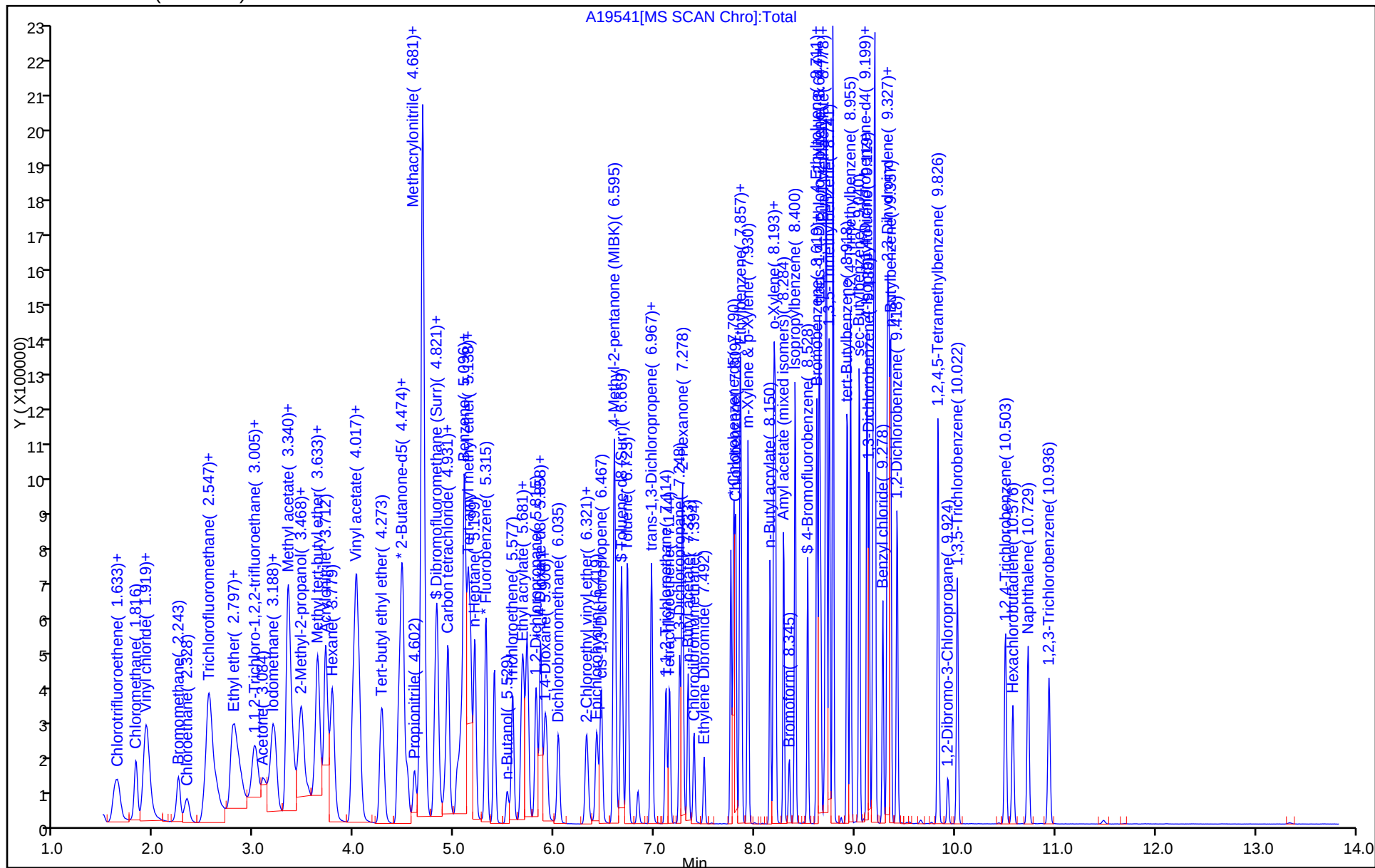
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



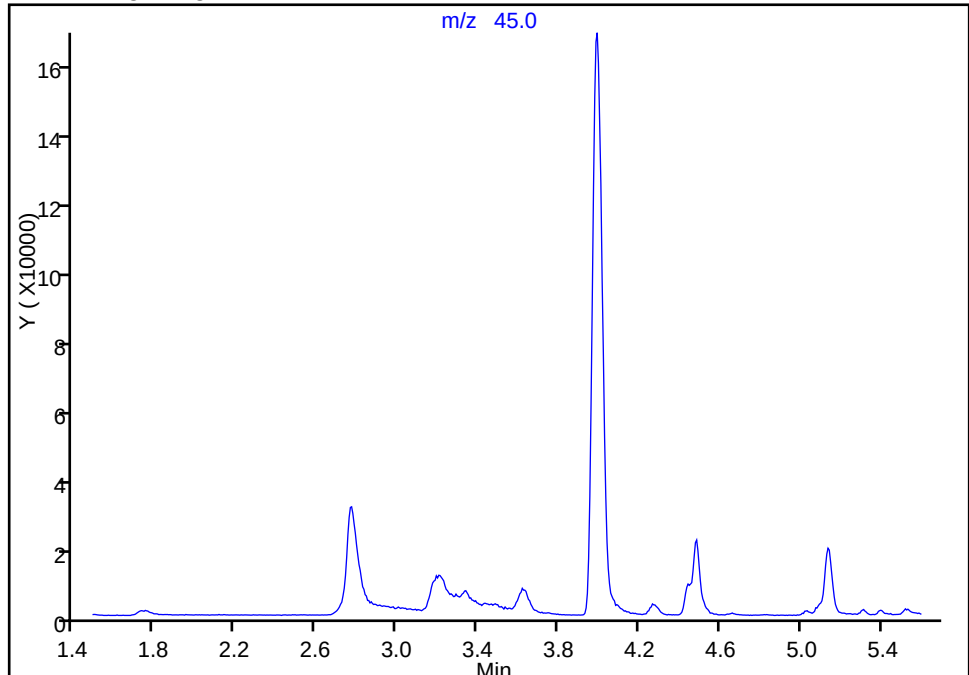
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19541.D		
Injection Date:	25-Mar-2016 08:04:30	Instrument ID:	CVOAMS1
Lims ID:	STD50		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	9

22 Isopropyl alcohol, CAS: 67-63-0

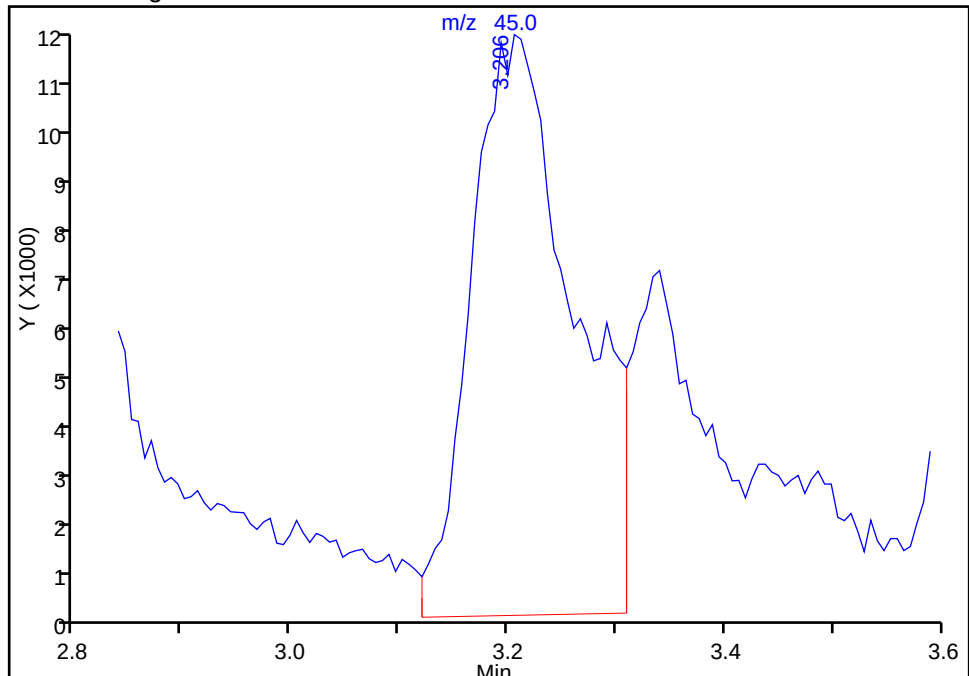
Not Detected
Expected RT: 3.20

Processing Integration Results



RT: 3.21
Area: 71787
Amount: 481.9018
Amount Units: ug/l

Manual Integration Results



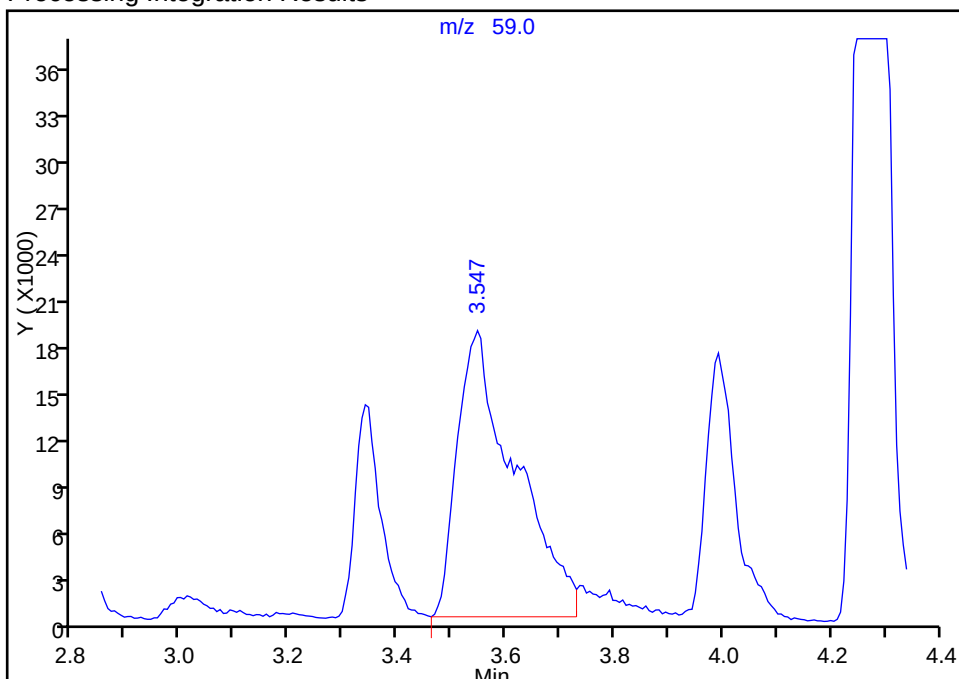
Reviewer: delpolitov, 26-Mar-2016 17:26:05
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Data File:	\\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19541.D		
Injection Date:	25-Mar-2016 08:04:30	Instrument ID:	CVOAMS1
Lims ID:	STD50		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C V
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

ALS Bottle#:	8	Worklist Smp#:	9
Dil. Factor:	1.0000		
Limit Group:	VOA - 8260C Water and Solid		
Detector	MS SCAN		

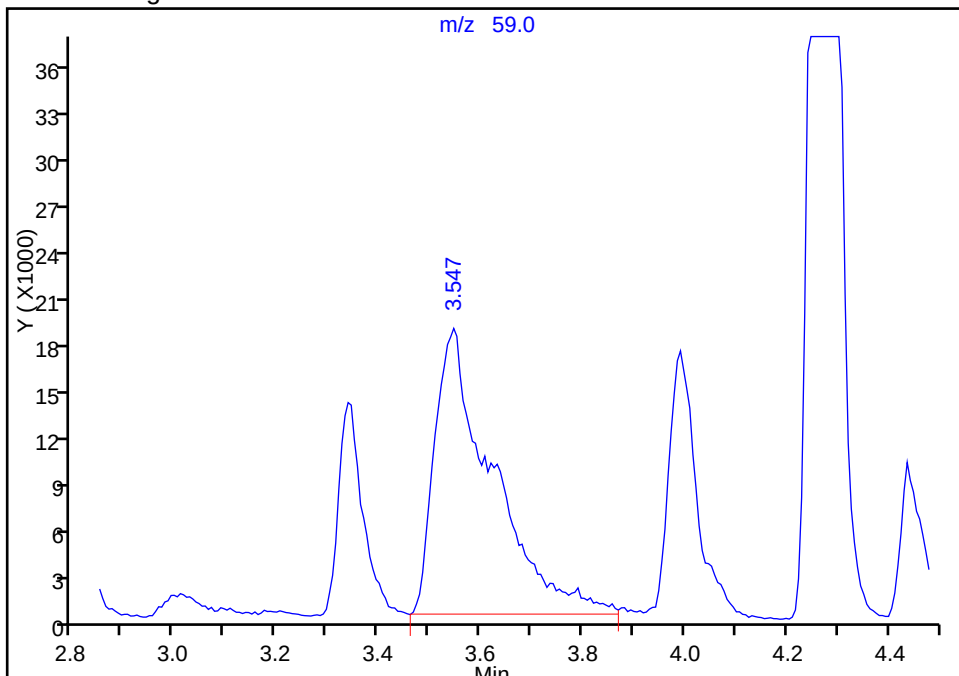
Processing Integration Results

RT: 3.55
Area: 137687
Amount: 517.7257
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 146253
Amount: 474.1157
Amount Units: ug/l



Reviewer: delpolitov, 26-Mar-2016 17:28:16
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

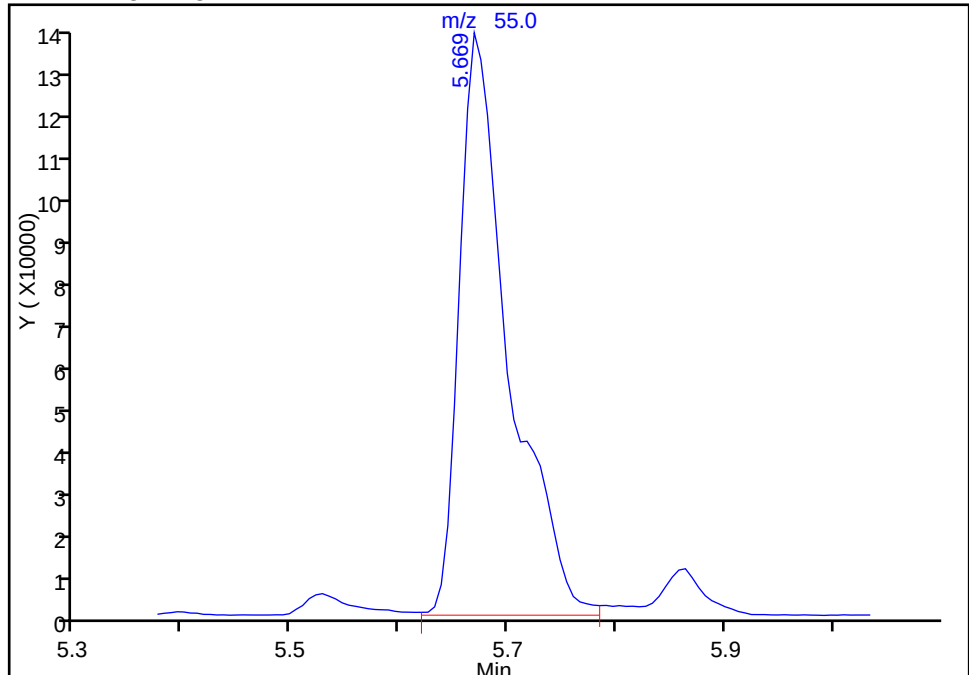
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19541.D		
Injection Date:	25-Mar-2016 08:04:30	Instrument ID:	CVOAMS1
Lims ID:	STD50		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	9

67 Ethyl acrylate, CAS: 140-88-5

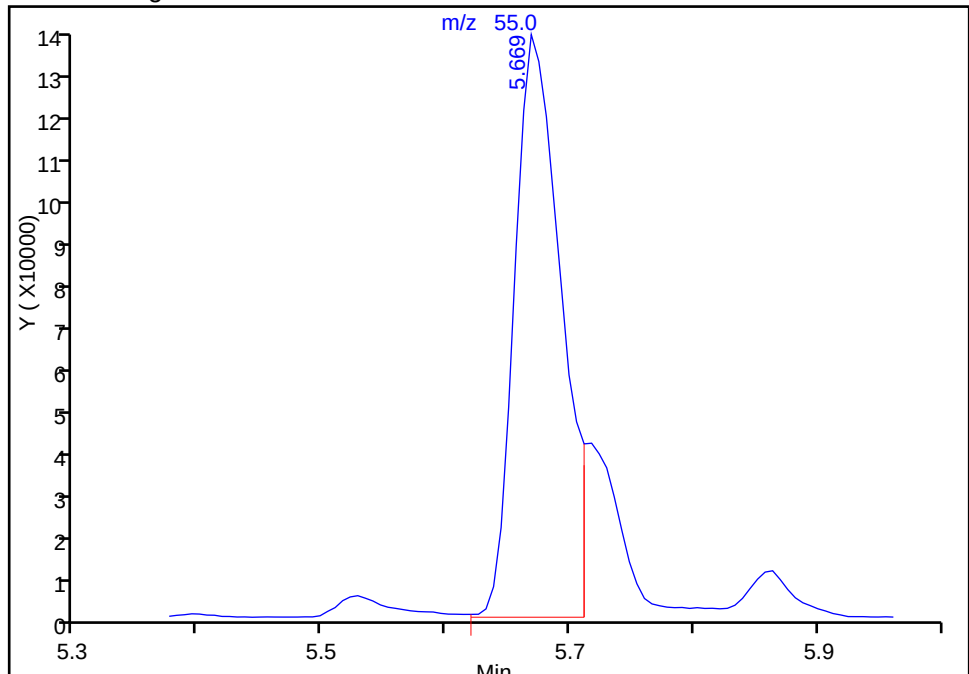
RT: 5.67
Area: 419153
Amount: 56.910691
Amount Units: ug/l

Processing Integration Results



RT: 5.67
Area: 349123
Amount: 56.077075
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:26:05
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19542.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 25-Mar-2016 08:26:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0038955-010
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:10:49 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: desais

Date: 25-Mar-2016 11:56:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.596	0.007	90	153514	200.0	192.0	
3 Dichlorodifluoromethane	85	1.639	1.639	0.000	99	1033222	200.0	184.3	
4 Chloromethane	50	1.822	1.810	0.012	99	1161599	200.0	181.6	
5 Vinyl chloride	62	1.914	1.907	0.007	98	994559	200.0	181.6	
6 Butadiene	54	1.932	1.932	0.000	98	934208	200.0	178.3	
7 Bromomethane	94	2.243	2.243	0.000	99	530422	200.0	178.9	
8 Chloroethane	64	2.328	2.322	0.006	100	491138	200.0	176.9	
9 Dichlorofluoromethane	67	2.529	2.529	0.000	99	1200554	200.0	178.6	
10 Trichlorofluoromethane	101	2.542	2.541	0.001	96	860677	200.0	190.4	
12 Pentane	72	2.572	2.566	0.006	97	237083	400.0	457.3	
14 Ethanol	46	2.779	2.761	0.018	73	103646	8000.0	7820.3	
13 Ethyl ether	59	2.767	2.767	0.000	93	504179	200.0	181.9	
15 2-Methyl-1,3-butadiene	53	2.798	2.797	0.001	95	596552	200.0	205.9	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.852	0.000	98	418382	200.0	196.0	
11 Acrolein	56	2.980	2.980	0.000	1	36197	200.0	199.7	
17 1,1,2-Trichloro-1,2,2-trif	101	2.993	2.999	-0.006	29	503676	200.0	208.3	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	94	494416	200.0	185.4	
19 Acetone	43	3.102	3.096	0.006	86	1117324	1000.0	889.6	
20 Iodomethane	142	3.176	3.169	0.007	98	783757	200.0	185.6	
21 Carbon disulfide	76	3.200	3.200	0.000	100	2039450	200.0	185.4	
22 Isopropyl alcohol	45	3.194	3.200	-0.006	1	265124	2000.0	1833.6	M
23 3-Chloro-1-propene	76	3.328	3.322	0.006	94	336161	200.0	175.5	
24 Methyl acetate	43	3.340	3.340	0.000	99	2594556	1000.0	897.0	
25 Cyclopentene	67	3.352	3.346	0.006	90	1598216	200.0	199.0	
26 Acetonitrile	41	3.395	3.395	0.000	79	960401	2000.0	1802.4	M
* 28 TBA-d9 (IS)	65	3.486	3.468	0.018	0	294389	1000.0	1000.0	
27 Methylene Chloride	84	3.468	3.468	0.000	98	643625	200.0	185.1	
29 2-Methyl-2-propanol	59	3.547	3.541	0.006	93	628527	2000.0	1890.8	
30 Methyl tert-butyl ether	73	3.627	3.627	0.000	98	1714578	200.0	191.4	
31 trans-1,2-Dichloroethene	96	3.633	3.633	0.000	97	544939	200.0	190.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.712	0.000	94	2596405	2000.0	1787.6	
33 Hexane	43	3.779	3.779	0.000	95	639690	200.0	201.0	
34 Isopropyl ether	45	3.992	3.992	0.000	94	2478569	200.0	197.4	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	99	1213355	200.0	192.6	
36 Vinyl acetate	86	4.023	4.023	0.000	100	191090	400.0	399.9	
37 2-Chloro-1,3-butadiene	88	4.047	4.053	-0.006	93	474204	200.0	205.7	
38 Tert-butyl ethyl ether	59	4.273	4.267	0.006	87	1882166	200.0	198.4	
* 39 2-Butanone-d5	46	4.438	4.437	0.001	0	369692	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	96	136925	200.0	196.6	
41 cis-1,2-Dichloroethene	96	4.468	4.468	0.000	89	567426	200.0	192.7	
43 Ethyl acetate	70	4.486	4.480	0.006	94	109937	400.0	395.7	
42 2-Butanone (MEK)	72	4.486	4.486	0.000	95	328083	1000.0	990.4	
44 Methyl acrylate	55	4.529	4.529	0.000	91	577332	200.0	194.6	
45 Propionitrile	54	4.602	4.602	0.000	97	933879	2000.0	1875.6	
47 Chlorobromomethane	128	4.657	4.657	0.000	94	248699	200.0	197.7	
46 Tetrahydrofuran	72	4.657	4.663	-0.006	72	156275	400.0	409.6	
48 Methacrylonitrile	67	4.681	4.681	0.000	96	2455126	2000.0	1984.4	
49 Chloroform	83	4.700	4.699	0.001	98	957283	200.0	194.1	
50 Cyclohexane	56	4.816	4.809	0.007	96	1157378	200.0	234.9	
52 1,1,1-Trichloroethane	97	4.828	4.828	0.000	97	751758	200.0	205.0	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.828	0.000	47	122820	50.0	49.8	
54 Carbon tetrachloride	117	4.925	4.919	0.006	95	683609	200.0	220.4	
55 1,1-Dichloropropene	75	4.937	4.937	0.000	95	791814	200.0	206.0	
56 Isobutyl alcohol	43	5.029	5.029	0.000	92	770476	5000.0	4595.5	
57 Isooctane	57	5.065	5.065	0.000	94	1071614	200.0	203.8	
58 Benzene	78	5.096	5.096	0.000	98	2232747	200.0	197.3	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	182711	50.0	48.8	
60 Isopropyl acetate	43	5.133	5.132	0.000	97	2090423	200.0	195.3	
61 Tert-amyl methyl ether	73	5.145	5.145	0.000	91	1833015	200.0	205.2	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	96	778295	200.0	183.3	
63 n-Heptane	71	5.200	5.199	0.001	96	514055	200.0	202.5	
* 64 Fluorobenzene	96	5.315	5.315	0.000	97	478344	50.0	50.0	
65 n-Butanol	56	5.529	5.523	0.007	93	346910	5000.0	5014.5	
66 Trichloroethene	95	5.578	5.577	0.001	93	519698	200.0	201.1	
67 Ethyl acrylate	55	5.669	5.675	-0.006	98	1528590	200.0	223.3	
68 Methylcyclohexane	83	5.687	5.687	0.000	88	738751	200.0	200.6	
69 1,2-Dichloropropane	63	5.815	5.815	0.000	93	638252	200.0	191.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	27462	1000.0	1000.0	M
71 Methyl methacrylate	100	5.858	5.858	0.000	94	253109	400.0	417.8	
72 n-Propyl acetate	43	5.901	5.900	0.001	99	1007522	200.0	198.9	
73 1,4-Dioxane	88	5.901	5.907	-0.006	28	94037	4000.0	3631.2	
74 Dibromomethane	93	5.919	5.919	0.000	88	338093	200.0	193.9	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	746664	200.0	202.3	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	97	396527	200.0	211.5	
77 2-Nitropropane	41	6.327	6.327	0.000	98	325223	400.0	382.0	
78 Epichlorohydrin	57	6.419	6.419	0.000	100	1245122	4000.0	4276.2	
79 cis-1,3-Dichloropropene	75	6.468	6.467	0.001	95	913054	200.0	212.3	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	3660106	1000.0	1055.2	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	98	451316	50.0	49.3	
82 Toluene	91	6.730	6.723	0.007	92	2094686	200.0	193.7	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	810551	200.0	210.6	
84 Ethyl methacrylate	69	6.974	6.973	0.001	90	748960	200.0	210.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.114	7.114	0.000	94	403310	200.0	195.4	
86 Tetrachloroethene	166	7.150	7.150	0.000	91	385503	200.0	206.5	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	842006	200.0	197.0	
88 2-Hexanone	43	7.272	7.278	-0.006	99	2394511	1000.0	1059.3	
89 n-Butyl acetate	73	7.333	7.333	0.000	98	149601	200.0	204.2	
90 Chlorodibromomethane	129	7.394	7.394	0.000	96	453363	200.0	207.1	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	424210	200.0	200.3	
* 92 Chlorobenzene-d5	117	7.791	7.790	0.001	92	312311	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	89	1240997	200.0	197.6	
94 Ethylbenzene	106	7.851	7.851	0.000	100	702856	200.0	207.9	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	94	464129	200.0	209.5	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	99	871735	200.0	212.9	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	465886	200.0	225.5	
98 o-Xylene	106	8.187	8.187	0.000	92	908771	200.0	212.8	
99 Styrene	104	8.205	8.205	0.000	92	1491890	200.0	215.6	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	1512555	200.0	204.6	
101 Bromoform	173	8.345	8.345	0.000	91	245172	200.0	206.7	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	2421555	200.0	220.3	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	108655	50.0	50.7	
104 Bromobenzene	156	8.620	8.619	0.001	91	493695	200.0	192.9	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.619	0.001	99	699722	200.0	186.8	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	3121362	200.0	205.0	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	96	167880	200.0	185.5	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	71	146692	200.0	239.2	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	2508146	200.0	212.7	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	2092737	200.0	197.9	
111 1,3,5-Trimethylbenzene	105	8.742	8.741	0.001	92	1991807	200.0	206.8	
112 Butyl Methacrylate	87	8.778	8.778	0.000	95	848316	200.0	226.4	
113 4-Chlorotoluene	91	8.784	8.784	0.000	99	1768648	200.0	196.9	
114 tert-Butylbenzene	119	8.924	8.924	0.000	91	1681702	200.0	222.7	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	2174126	200.0	212.5	
116 sec-Butylbenzene	105	9.046	9.040	0.006	99	2793421	200.0	223.9	
117 4-Isopropyltoluene	119	9.120	9.119	0.001	97	2324911	200.0	225.9	
118 1,3-Dichlorobenzene	146	9.144	9.138	0.006	94	1018814	200.0	200.1	
* 119 1,4-Dichlorobenzene-d4	152	9.181	9.180	0.000	94	172975	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.193	0.006	89	1059353	200.0	199.2	
121 Benzyl chloride	91	9.278	9.278	0.000	97	1351553	200.0	210.4	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	94	2408761	200.0	209.3	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	1413375	200.0	220.4	
124 n-Butylbenzene	92	9.357	9.357	0.000	97	1265289	200.0	212.4	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	94	1035454	200.0	199.2	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	96	2189574	200.0	224.4	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.924	0.006	88	127900	200.0	187.2	
128 1,3,5-Trichlorobenzene	180	10.028	10.022	0.006	94	709219	200.0	206.3	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	92	600451	200.0	199.5	
130 Hexachlorobutadiene	225	10.583	10.582	0.001	84	226958	200.0	214.1	
131 Naphthalene	128	10.729	10.729	0.000	98	1527270	200.0	198.5	
132 1,2,3-Trichlorobenzene	180	10.942	10.942	0.000	93	490410	200.0	200.0	
S 133 1,2-Dichloroethene, Total	100				0		400.0	382.9	
S 134 Xylenes, Total	100				0		400.0	425.7	
S 135 Total BTEX	1				0		1000.0	1024.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00054	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 20.00	Units: uL	
GAS Hi_00140	Amount Added: 20.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160325-38955.b\\A19542.D

Injection Date: 25-Mar-2016 08:26:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD200

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

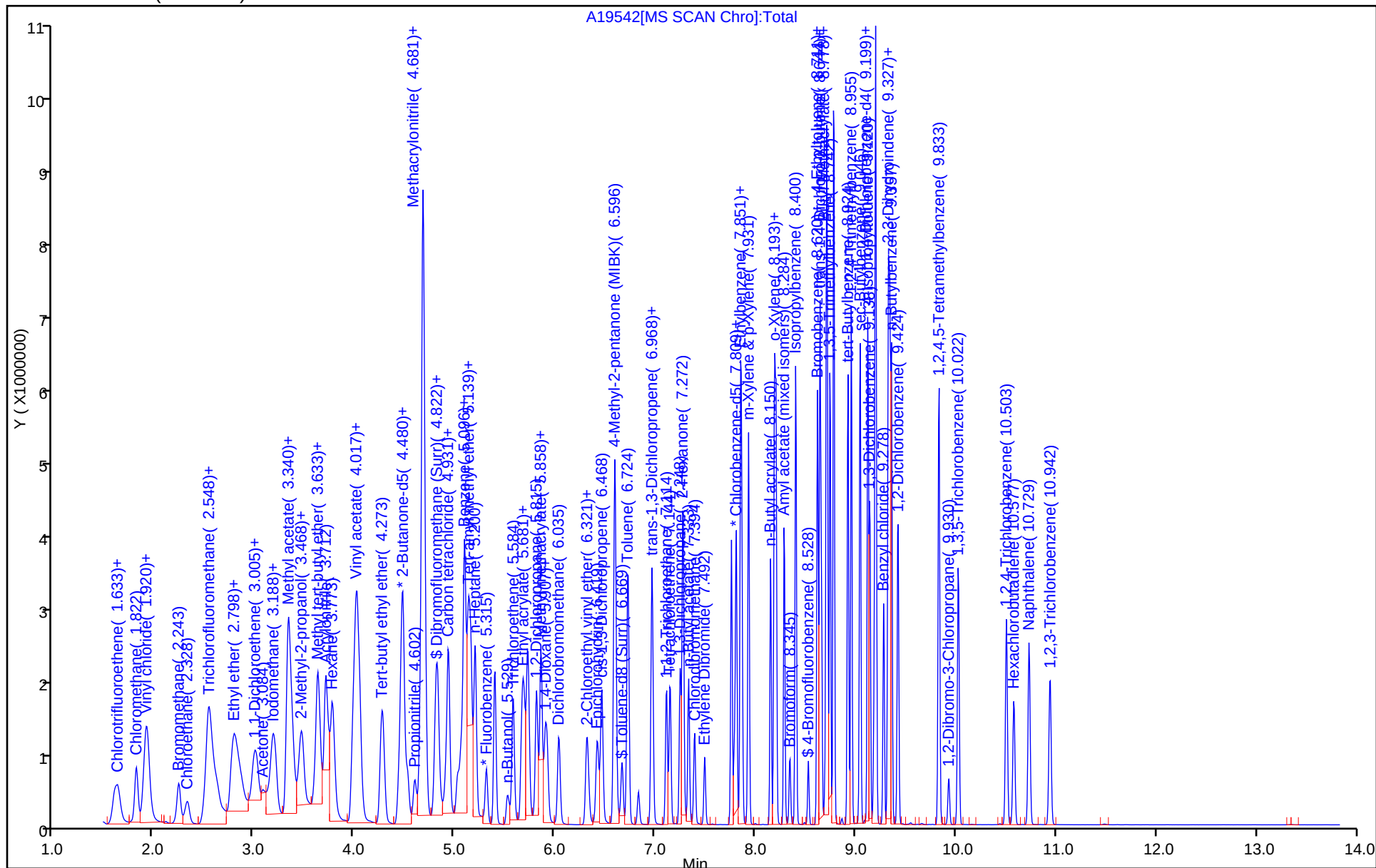
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



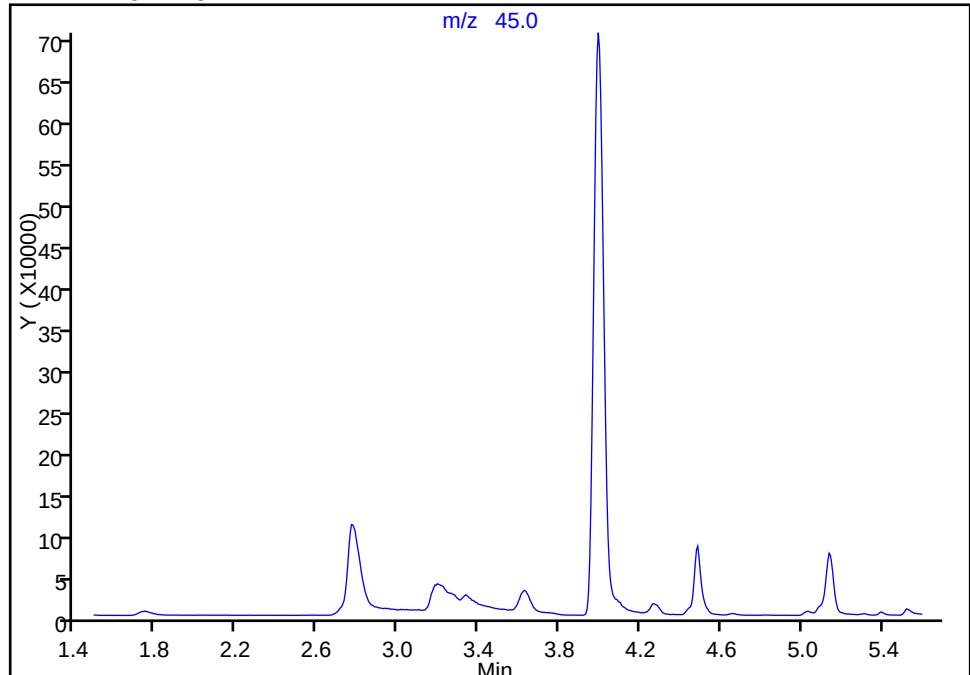
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19542.D		
Injection Date:	25-Mar-2016 08:26:30	Instrument ID:	CVOAMS1
Lims ID:	STD200		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	10

22 Isopropyl alcohol, CAS: 67-63-0

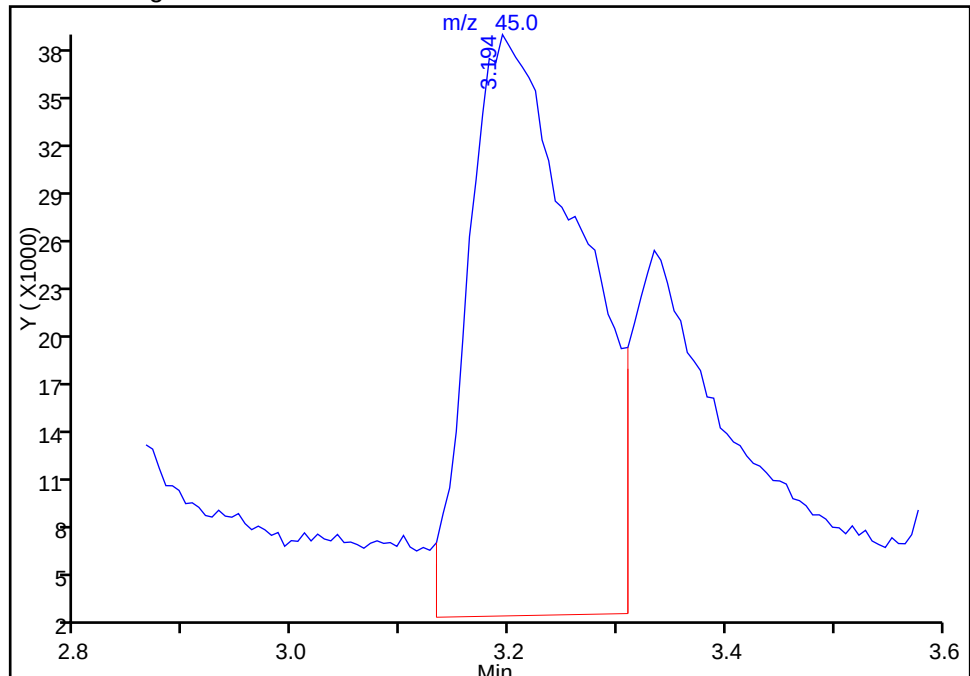
Not Detected
Expected RT: 3.20

Processing Integration Results



RT: 3.19
Area: 265124
Amount: 1833.5878
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:30:01
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

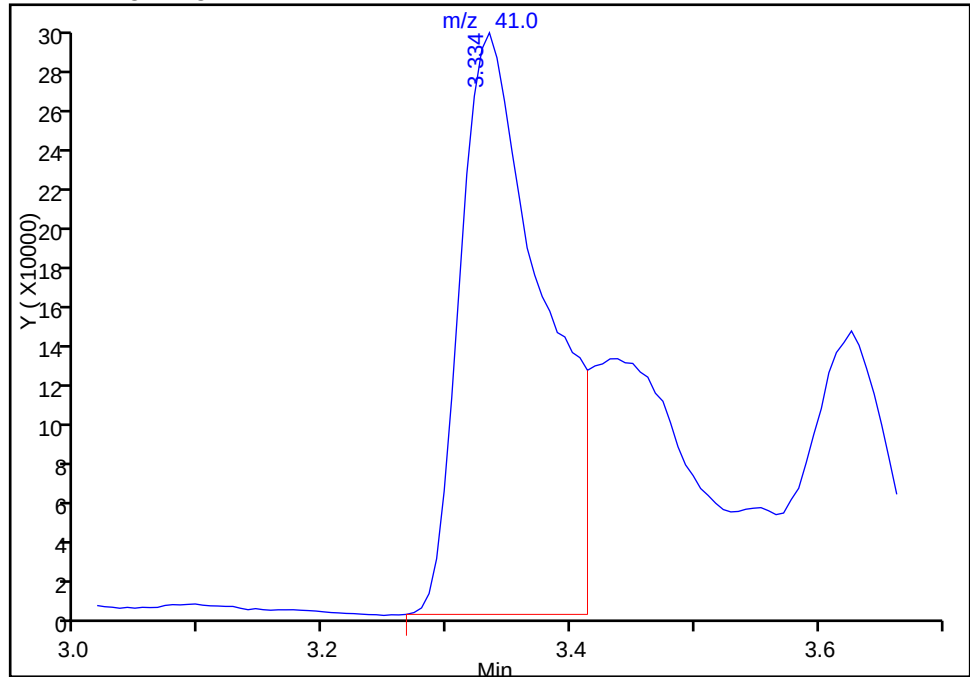
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19542.D
Injection Date: 25-Mar-2016 08:26:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

26 Acetonitrile, CAS: 75-05-8

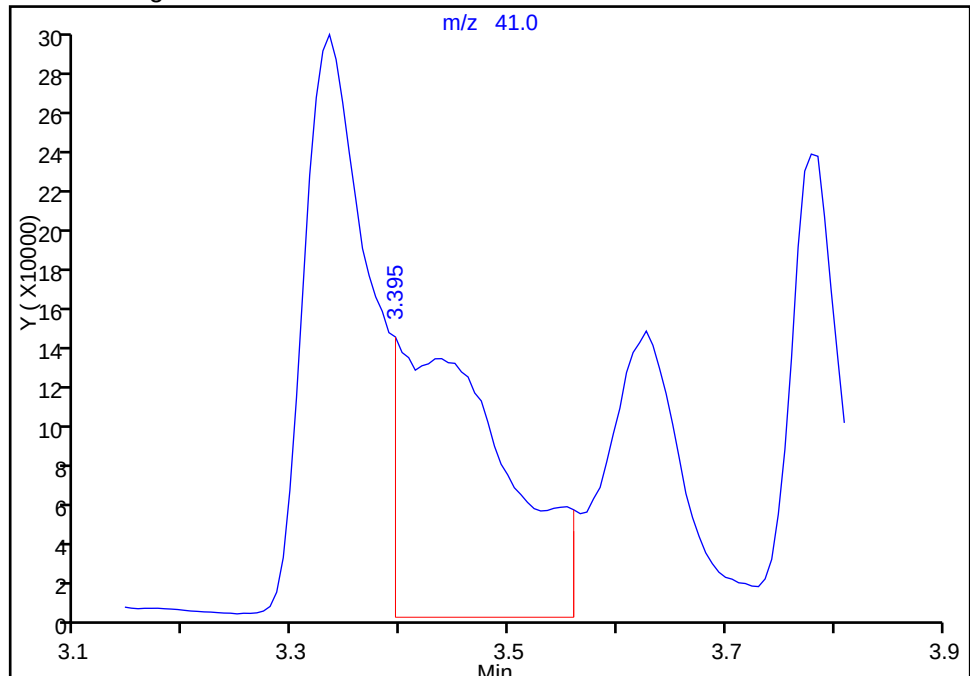
RT: 3.33
Area: 1344100
Amount: 2230.9197
Amount Units: ug/l

Processing Integration Results



RT: 3.40
Area: 960401
Amount: 1802.4099
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:42:01
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19542.D

Injection Date: 25-Mar-2016 08:26:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

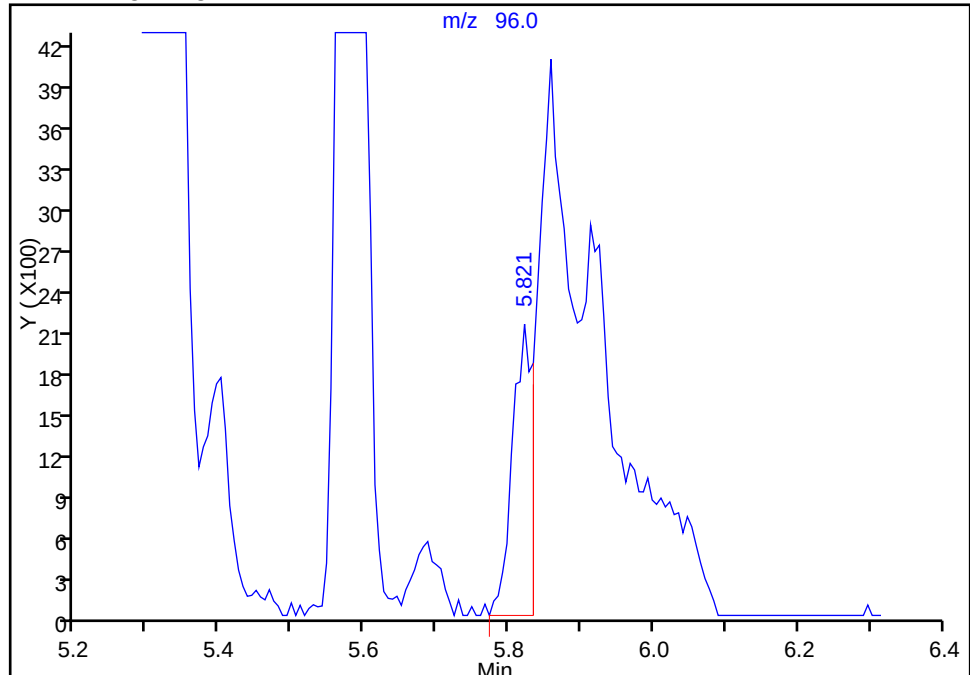
Detector

MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

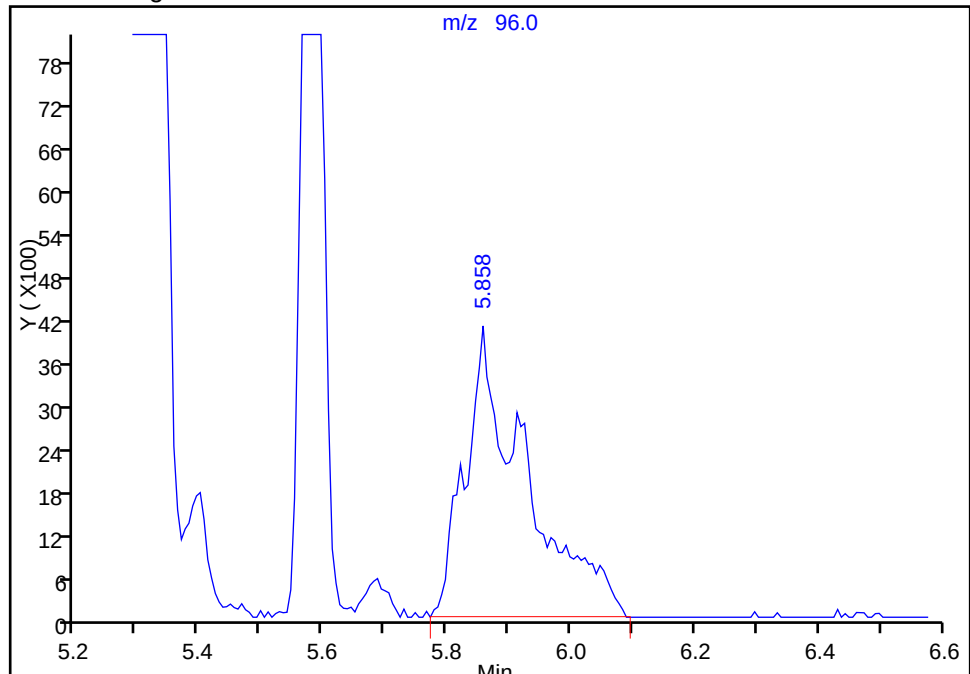
RT: 5.82
Area: 4177
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.86
Area: 27462
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:42:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 25-Mar-2016 08:48:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0038955-011
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 12:11:18 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK049

First Level Reviewer: desais

Date: 25-Mar-2016 11:57:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.597	1.596	0.001	91	390770	500.0	438.0	
3 Dichlorodifluoromethane	85	1.633	1.639	-0.006	99	2630412	500.0	420.5	
4 Chloromethane	50	1.816	1.810	0.006	99	2794391	500.0	391.7	
5 Vinyl chloride	62	1.914	1.907	0.007	98	2449046	500.0	400.8	
6 Butadiene	54	1.926	1.932	-0.006	98	2273156	500.0	388.9	
7 Bromomethane	94	2.243	2.243	0.000	99	1230419	500.0	372.0	
8 Chloroethane	64	2.328	2.322	0.006	100	1085110	500.0	350.2	
9 Dichlorofluoromethane	67	2.523	2.529	-0.006	99	2785913	500.0	371.4	
10 Trichlorofluoromethane	101	2.535	2.541	-0.006	97	2072557	500.0	410.9	
12 Pentane	72	2.572	2.566	0.006	97	555405	1000.0	960.3	
14 Ethanol	46	2.791	2.761	0.030	73	248469	20000	20031	
13 Ethyl ether	59	2.785	2.767	0.018	96	1200750	500.0	388.2	
15 2-Methyl-1,3-butadiene	53	2.804	2.797	0.007	90	1423690	500.0	440.5	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.852	0.000	97	1024963	500.0	430.5	
11 Acrolein	56	2.987	2.980	0.007	1	72928	400.0	387.5	
17 1,1,2-Trichloro-1,2,2-trif	101	2.987	2.999	-0.012	28	1252434	500.0	488.2	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	95	1258410	500.0	422.9	
19 Acetone	43	3.127	3.096	0.031	86	2717999	2500.0	1974.2	
20 Iodomethane	142	3.169	3.169	0.000	99	2026468	500.0	430.1	
21 Carbon disulfide	76	3.200	3.200	0.000	99	5191826	500.0	423.0	
22 Isopropyl alcohol	45	3.230	3.200	0.030	1	603209	5000.0	5413.2	M
23 3-Chloro-1-propene	76	3.334	3.322	0.012	96	720839	500.0	337.2	
24 Methyl acetate	43	3.334	3.340	-0.006	99	6426882	2500.0	1991.7	
25 Cyclopentene	67	3.346	3.346	0.000	91	4217989	500.0	470.7	
26 Acetonitrile	41	3.438	3.395	0.043	7	1967640	5000.0	3532.7	
* 28 TBA-d9 (IS)	65	3.486	3.468	0.018	0	307727	1000.0	1000.0	
27 Methylene Chloride	84	3.468	3.468	0.000	99	1659782	500.0	427.8	
29 2-Methyl-2-propanol	59	3.560	3.541	0.019	92	1662981	5000.0	4785.8	
30 Methyl tert-butyl ether	73	3.627	3.627	0.000	98	4370918	500.0	437.4	
31 trans-1,2-Dichloroethene	96	3.639	3.633	0.006	98	1441109	500.0	451.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.712	0.000	94	6513654	5000.0	4019.7	
33 Hexane	43	3.779	3.779	0.000	95	1462048	500.0	499.8	
34 Isopropyl ether	45	3.992	3.992	0.000	94	6257642	500.0	446.8	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	99	3030482	500.0	431.2	
36 Vinyl acetate	86	4.023	4.023	0.000	100	531443	1000.0	996.9	
37 2-Chloro-1,3-butadiene	88	4.047	4.053	-0.006	93	1172081	500.0	455.7	
38 Tert-butyl ethyl ether	59	4.273	4.267	0.006	87	4852492	500.0	458.5	
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	405234	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	97	375028	500.0	482.5	
41 cis-1,2-Dichloroethene	96	4.468	4.468	0.000	91	1509734	500.0	459.5	
43 Ethyl acetate	70	4.480	4.480	0.000	94	293242	1000.0	962.9	
42 2-Butanone (MEK)	72	4.486	4.486	0.000	95	871479	2500.0	2400.0	
44 Methyl acrylate	55	4.529	4.529	0.000	92	1472159	500.0	444.8	
45 Propionitrile	54	4.602	4.602	0.000	98	2368736	5000.0	4264.3	
47 Chlorobromomethane	128	4.657	4.657	0.000	95	662487	500.0	472.0	
46 Tetrahydrofuran	72	4.657	4.663	-0.006	70	396874	1000.0	948.9	
48 Methacrylonitrile	67	4.681	4.681	0.000	94	5779729	5000.0	4187.2	
49 Chloroform	83	4.700	4.699	0.001	99	2186044	500.0	397.2	
50 Cyclohexane	56	4.815	4.809	0.006	96	2876753	500.0	523.3	
52 1,1,1-Trichloroethane	97	4.828	4.828	0.000	98	2004048	500.0	489.7	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.828	0.000	94	131379	50.0	47.8	
54 Carbon tetrachloride	117	4.919	4.919	0.000	96	1817157	500.0	525.1	
55 1,1-Dichloropropene	75	4.937	4.937	0.000	96	2028429	500.0	473.0	
56 Isobutyl alcohol	43	5.035	5.029	0.006	91	1979454	12500	11295	
57 Isooctane	57	5.071	5.065	0.006	93	2757892	500.0	470.2	
58 Benzene	78	5.096	5.096	0.000	97	5692755	500.0	449.4	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	182701	50.0	43.8	
60 Isopropyl acetate	43	5.132	5.132	0.000	97	4701217	500.0	393.7	
61 Tert-amyl methyl ether	73	5.145	5.145	0.000	91	4386742	500.0	440.1	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	95	1745910	500.0	368.6	
63 n-Heptane	71	5.200	5.199	0.001	93	1146683	500.0	499.4	
* 64 Fluorobenzene	96	5.315	5.315	0.000	97	533665	50.0	50.0	
65 n-Butanol	56	5.529	5.523	0.007	91	995874	12500	13771	
66 Trichloroethene	95	5.577	5.577	0.000	94	1420749	500.0	492.9	
67 Ethyl acrylate	55	5.669	5.675	-0.006	98	3883460	500.0	508.4	
68 Methylcyclohexane	83	5.687	5.687	0.000	88	1833080	500.0	499.9	
69 1,2-Dichloropropane	63	5.815	5.815	0.000	94	1646806	500.0	441.8	
* 70 1,4-Dioxane-d8	96	5.919	5.852	0.067	0	40203	1000.0	1000.0	M
71 Methyl methacrylate	100	5.858	5.858	0.000	92	693314	1000.0	1025.8	
72 n-Propyl acetate	43	5.901	5.900	0.001	99	2504887	500.0	443.3	
73 1,4-Dioxane	88	5.907	5.907	0.000	64	260450	10000	6869.9	
74 Dibromomethane	93	5.919	5.919	0.000	89	894526	500.0	459.9	
75 Dichlorobromomethane	83	6.035	6.035	0.000	99	2036708	500.0	494.5	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	97	1099174	500.0	525.6	
77 2-Nitropropane	41	6.327	6.327	0.000	97	868781	1000.0	914.8	
78 Epichlorohydrin	57	6.425	6.419	0.006	100	3392021	10000	10628	
79 cis-1,3-Dichloropropene	75	6.468	6.467	0.001	93	2474614	500.0	513.9	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	9316066	2500.0	2450.3	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	98	490855	50.0	47.9	
82 Toluene	91	6.730	6.723	0.007	93	5623118	500.0	464.4	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	97	2268665	500.0	526.5	
84 Ethyl methacrylate	69	6.974	6.973	0.001	94	2043979	500.0	515.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.114	7.114	0.000	95	1123474	500.0	486.3	
86 Tetrachloroethene	166	7.150	7.150	0.000	91	1075184	500.0	514.4	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	2313920	500.0	483.7	
88 2-Hexanone	43	7.278	7.278	0.000	99	5877541	2500.0	2372.0	
89 n-Butyl acetate	73	7.333	7.333	0.000	98	401709	500.0	489.7	
90 Chlorodibromomethane	129	7.394	7.394	0.000	97	1300683	500.0	530.7	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	1197337	500.0	505.0	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	90	349601	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	91	3463385	500.0	492.7	
94 Ethylbenzene	106	7.851	7.851	0.000	99	1847211	500.0	488.0	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	95	1178858	500.0	475.3	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	99	2236441	500.0	488.0	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	1312868	500.0	567.8	
98 o-Xylene	106	8.193	8.187	0.006	92	2407001	500.0	503.5	
99 Styrene	104	8.205	8.205	0.000	93	3683989	500.0	475.6	
100 Amyl acetate (mixed isomer)	43	8.290	8.284	0.006	88	3640495	500.0	502.7	
101 Bromoform	173	8.345	8.345	0.000	92	710067	500.0	534.8	
102 Isopropylbenzene	105	8.406	8.400	0.006	96	6383416	500.0	518.8	
\$ 103 4-Bromofluorobenzene	174	8.534	8.528	0.006	80	123823	50.0	51.6	
104 Bromobenzene	156	8.626	8.619	0.007	94	1398232	500.0	557.7	
105 1,1,2,2-Tetrachloroethane	83	8.626	8.619	0.007	99	1903083	500.0	518.7	
106 N-Propylbenzene	91	8.650	8.644	0.006	98	7428264	500.0	498.0	
107 1,2,3-Trichloropropane	110	8.662	8.656	0.006	95	395327	500.0	446.0	
108 trans-1,4-Dichloro-2-buten	53	8.668	8.656	0.012	74	342375	500.0	569.8	
109 4-Ethyltoluene	105	8.717	8.705	0.012	98	5848718	500.0	506.4	
110 2-Chlorotoluene	91	8.723	8.717	0.006	95	4487014	500.0	433.2	
111 1,3,5-Trimethylbenzene	105	8.754	8.741	0.013	92	4162976	500.0	441.3	
112 Butyl Methacrylate	87	8.790	8.778	0.012	89	1626454	500.0	443.1	
113 4-Chlorotoluene	91	8.790	8.784	0.006	98	3440967	500.0	391.0	
114 tert-Butylbenzene	119	8.930	8.924	0.006	92	4358883	500.0	589.3	
115 1,2,4-Trimethylbenzene	105	8.967	8.955	0.012	97	4975609	500.0	496.4	
116 sec-Butylbenzene	105	9.052	9.040	0.012	99	6817750	500.0	557.8	
117 4-Isopropyltoluene	119	9.132	9.119	0.013	97	5650417	500.0	560.3	
118 1,3-Dichlorobenzene	146	9.150	9.138	0.012	97	2327736	500.0	466.6	
* 119 1,4-Dichlorobenzene-d4	152	9.193	9.180	0.013	94	169449	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.205	9.193	0.012	91	2338143	500.0	448.8	
121 Benzyl chloride	91	9.290	9.278	0.012	98	3273107	500.0	520.0	
122 2,3-Dihydroindene	117	9.339	9.327	0.012	93	5343227	500.0	474.0	
123 p-Diethylbenzene	119	9.351	9.339	0.012	91	2786892	500.0	443.7	
124 n-Butylbenzene	92	9.369	9.357	0.012	63	2186736	500.0	374.7	
125 1,2-Dichlorobenzene	146	9.436	9.424	0.012	94	2356408	500.0	462.8	
126 1,2,4,5-Tetramethylbenzene	119	9.845	9.833	0.012	97	5900218	500.0	617.2	
127 1,2-Dibromo-3-Chloropropan	75	9.942	9.924	0.018	92	343404	500.0	513.2	
128 1,3,5-Trichlorobenzene	180	10.040	10.022	0.018	95	1917528	500.0	569.4	
129 1,2,4-Trichlorobenzene	180	10.522	10.503	0.019	92	1660163	500.0	563.2	
130 Hexachlorobutadiene	225	10.595	10.582	0.013	84	589605	500.0	567.9	
131 Naphthalene	128	10.747	10.729	0.018	98	4352500	500.0	577.4	
132 1,2,3-Trichlorobenzene	180	10.954	10.942	0.012	94	1347612	500.0	561.1	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	910.5	
S 134 Xylenes, Total	100				0		1000.0	991.5	
S 135 Total BTEX	1				0		2500.0	2393.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00054	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00042	Amount Added: 50.00	Units: uL	
ACROLEIN W_00049	Amount Added: 40.00	Units: uL	
GAS Hi_00140	Amount Added: 50.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

Operator ID: VOA GC/MS1

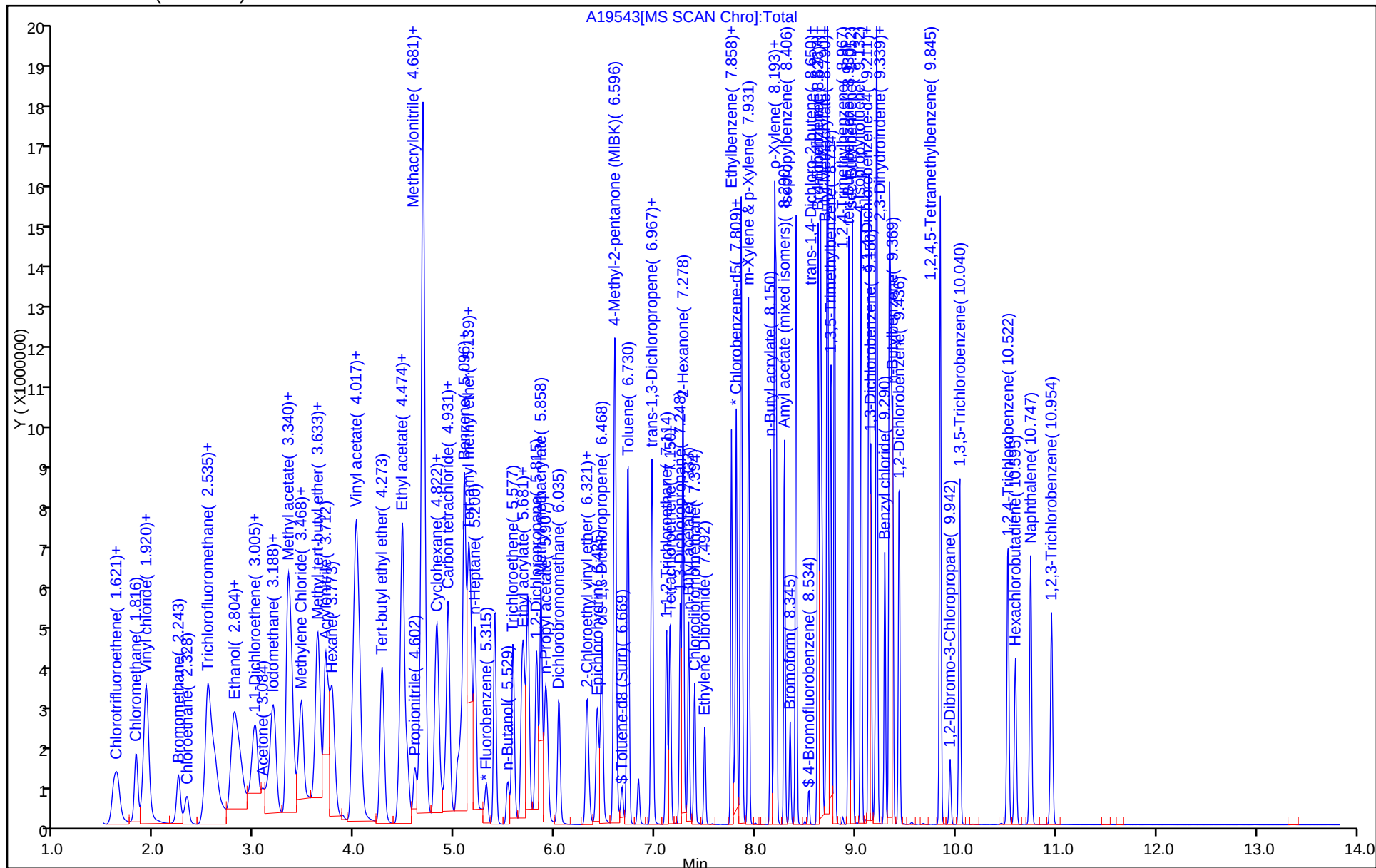
Worklist Smp#: 11

Client ID:

ALS Bottle#: 10

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



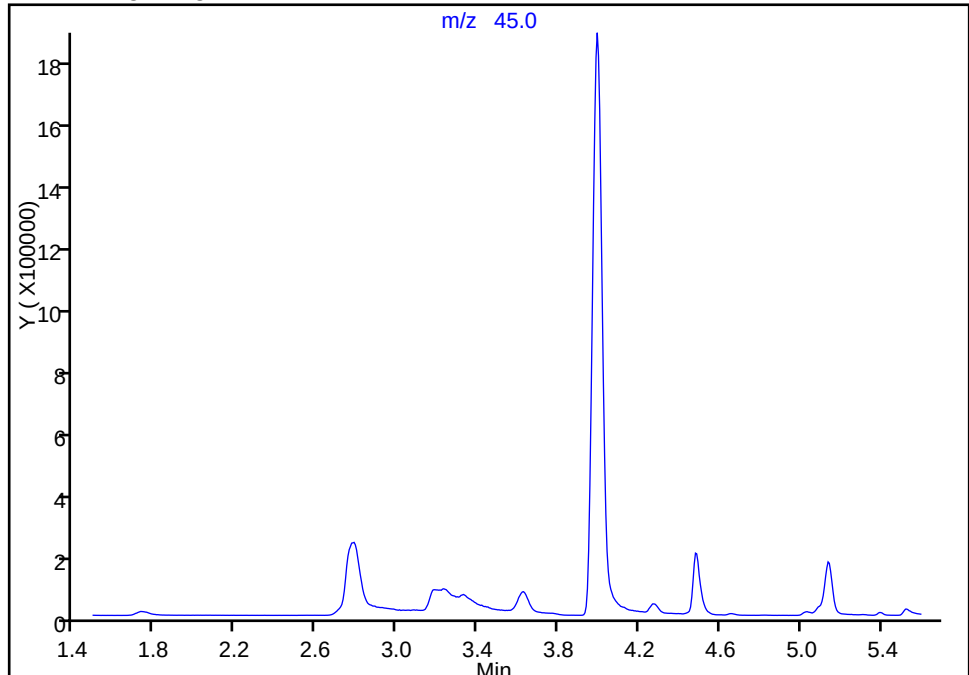
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
Injection Date: 25-Mar-2016 08:48:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

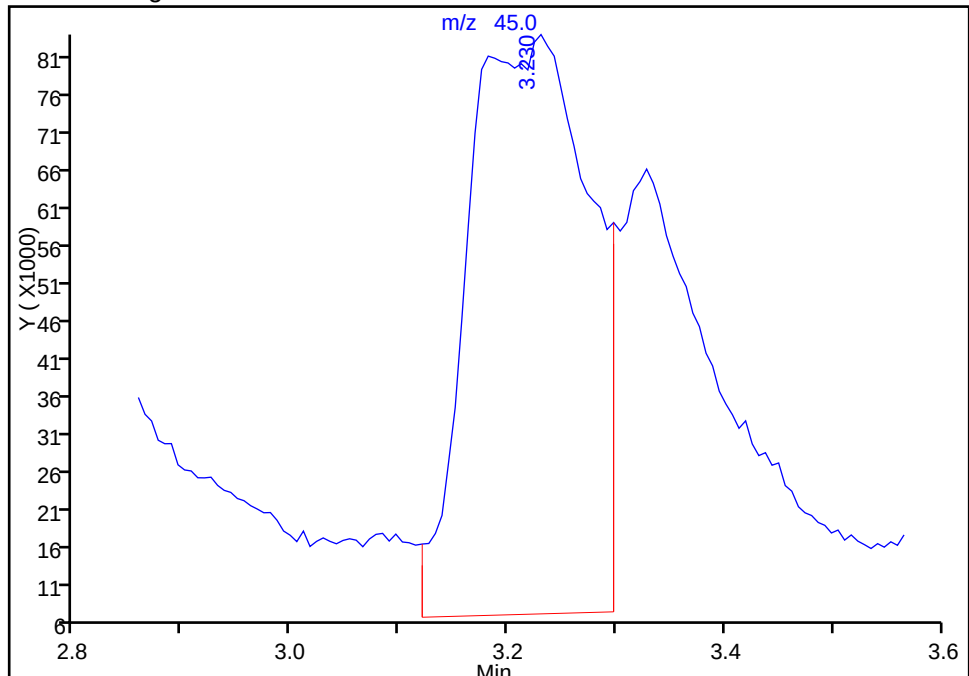
Not Detected
Expected RT: 3.20

Processing Integration Results



RT: 3.23
Area: 603209
Amount: 5413.1711
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:45:07
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D

Injection Date: 25-Mar-2016 08:48:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

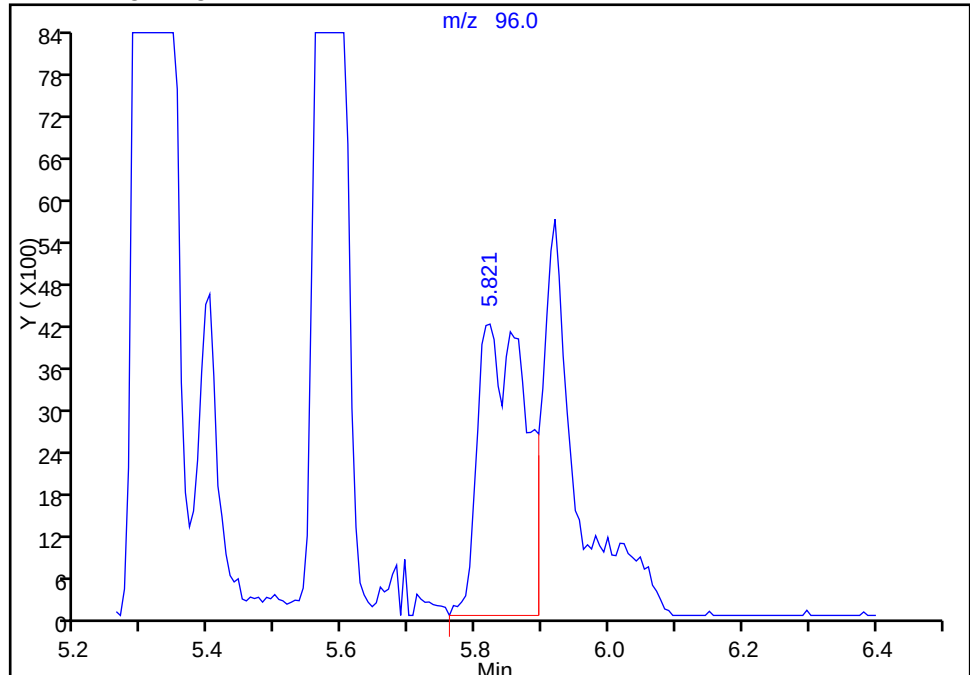
Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

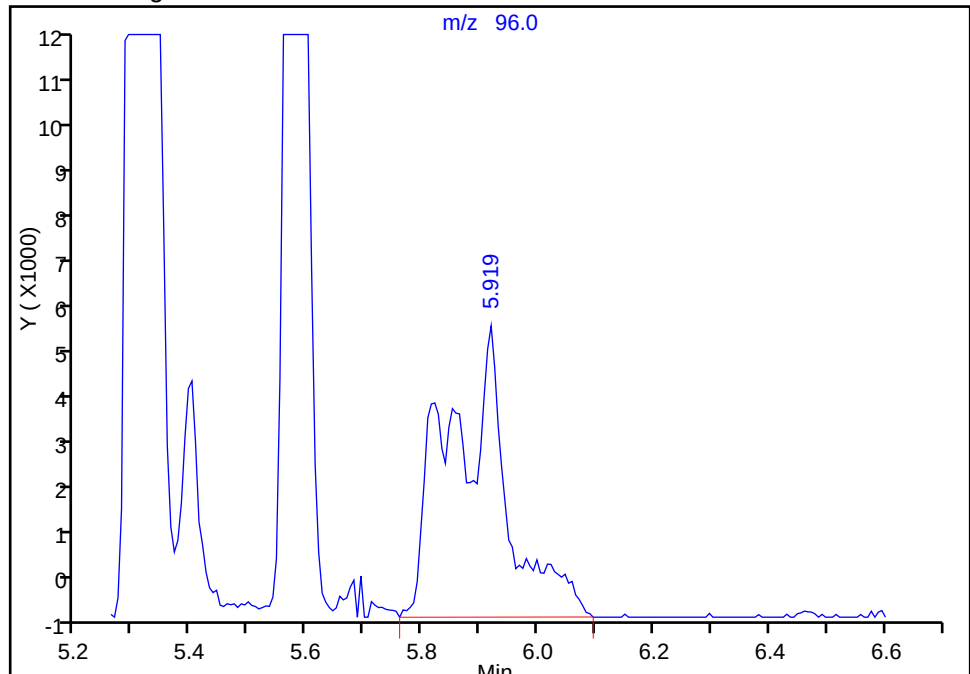
RT: 5.82
Area: 21227
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 40203
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Mar-2016 17:45:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-358833/2 Calibration Date: 03/26/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19581.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
Chlorotrifluoroethene	Ave	0.0836	0.0661		15.8	20.0	-20.9*	20.0
Dichlorodifluoromethane	Ave	0.5861	0.4991	0.1000	17.0	20.0	-14.9	20.0
Chloromethane	Ave	0.6685	0.6765	0.1000	20.2	20.0	1.2	20.0
Vinyl chloride	Ave	0.5724	0.5755	0.1000	20.1	20.0	0.5	20.0
Butadiene	Ave	0.5476	0.4482		16.4	20.0	-18.1	20.0
Bromomethane	Ave	0.3099	0.3179	0.1000	20.5	20.0	2.6	50.0
Chloroethane	Ave	0.2903	0.2917	0.1000	20.1	20.0	0.5	50.0
Dichlorofluoromethane	Ave	0.7028	0.7437		21.2	20.0	5.8	20.0
Trichlorofluoromethane	Ave	0.4726	0.4706	0.1000	19.9	20.0	-0.4	20.0
Pentane	Ave	0.0542	0.0514		37.9	40.0	-5.2	20.0
Ethanol	QuaF		0.0440		738	800	-7.8	50.0
Ethyl ether	Ave	0.2898	0.2765		19.1	20.0	-4.6	20.0
2-Methyl-1,3-butadiene	Ave	0.3028	0.2774		18.3	20.0	-8.4	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2231	0.2223		19.9	20.0	-0.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Qua2		0.2401	0.1000	18.9	20.0	-5.7	20.0
Acrolein	Lin2		0.6861		42.5	40.0	6.2	50.0
1,1-Dichloroethene	Ave	0.2788	0.2678	0.1000	19.2	20.0	-4.0	20.0
Acetone	Ave	0.8494	0.6340	0.0500	74.6	100	-25.4	50.0
Iodomethane	Ave	0.4415	0.4127		18.7	20.0	-6.5	20.0
Isopropyl alcohol	Qua2		0.5233		184	200	-8.0	50.0
Carbon disulfide	Ave	1.150	1.088	0.1000	18.9	20.0	-5.4	50.0
Allyl chloride	Ave	0.2003	0.1940		19.4	20.0	-3.1	20.0
Methyl acetate	Ave	0.3023	0.2868	0.1000	94.9	100	-5.1	20.0
Cyclopentene	Ave	0.8396	0.7792		18.6	20.0	-7.2	20.0
Acetonitrile	Ave	1.810	2.086		230	200	15.2	20.0
Methylene Chloride	Ave	0.3635	0.3426	0.1000	18.9	20.0	-5.7	20.0
TBA	Ave	1.129	0.5832		103	200	-48.4	50.0
Methyl tert-butyl ether	Ave	0.9363	0.8588	0.1000	18.3	20.0	-8.3	20.0
trans-1,2-Dichloroethene	Ave	0.2994	0.2746	0.1000	18.3	20.0	-8.3	20.0
Acrylonitrile	Ave	0.1518	0.1404		185	200	-7.5	20.0
Hexane	QuaF		0.2802		15.2	20.0	-24.1*	20.0
Isopropyl ether	Ave	1.312	1.241		18.9	20.0	-5.5	20.0
1,1-Dichloroethane	Ave	0.6584	0.5982	0.2000	18.2	20.0	-9.1	20.0
Vinyl acetate	Ave	0.0499	0.0486		38.9	40.0	-2.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2410	0.2272		18.9	20.0	-5.7	20.0
Tert-butyl ethyl ether	Ave	0.9915	0.9058		18.3	20.0	-8.6	20.0
2,2-Dichloropropane	Ave	0.0728	0.0695		19.1	20.0	-4.6	20.0
cis-1,2-Dichloroethene	Ave	0.3078	0.2775	0.1000	18.0	20.0	-9.8	20.0
2-Butanone	Ave	0.2240	0.1907	0.0500	85.1	100	-14.9	50.0
Ethyl acetate	Ave	0.1879	0.1664		35.4	40.0	-11.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-358833/2 Calibration Date: 03/26/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19581.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
Methyl acrylate	Ave	0.3101	0.2730		17.6	20.0	-11.9	20.0
Propionitrile	Ave	0.0520	0.0477		183	200	-8.3	20.0
Bromochloromethane	Ave	0.1315	0.1178		17.9	20.0	-10.5	20.0
Tetrahydrofuran	Ave	0.2580	0.2181		33.8	40.0	-15.5	20.0
Methacrylonitrile	Ave	0.1293	0.1192		184	200	-7.8	20.0
Chloroform	Ave	0.5156	0.4828	0.2000	18.7	20.0	-6.4	20.0
Cyclohexane	Ave	0.5150	0.5194	0.1000	20.2	20.0	0.8	50.0
1,1,1-Trichloroethane	Ave	0.3834	0.3542	0.1000	18.5	20.0	-7.6	20.0
Carbon tetrachloride	Ave	0.3242	0.2938	0.1000	18.1	20.0	-9.4	20.0
1,1-Dichloropropene	Ave	0.4018	0.3742		18.6	20.0	-6.9	20.0
Isobutyl alcohol	Ave	0.5695	0.5236		460	500	-8.1	50.0
2,2,4-Trimethylpentane	Ave	0.5495	0.5032		18.3	20.0	-8.4	20.0
Benzene	Ave	1.812	1.614	0.5000	17.8	20.0	-10.9	20.0
Isopropyl acetate	Ave	1.119	1.077		19.2	20.0	-3.8	20.0
Tert-amyl methyl ether	Ave	0.9338	0.8076		17.3	20.0	-13.5	20.0
1,2-Dichloroethane	Ave	0.4438	0.4025	0.1000	18.1	20.0	-9.3	20.0
n-Heptane	QuaF		0.2036		13.7	20.0	-31.5*	20.0
n-Butanol	Ave	0.2350	0.1857		395	500	-21.0	50.0
Trichloroethene	Ave	0.2701	0.2342	0.2000	17.3	20.0	-13.3	20.0
Ethyl acrylate	Ave	0.7157	0.6718		18.8	20.0	-6.1	20.0
Methylcyclohexane	QuaF		0.3219	0.1000	15.7	20.0	-21.6	50.0
1,2-Dichloropropane	Ave	0.3492	0.3082	0.1000	17.6	20.0	-11.8	20.0
Methyl methacrylate	Ave	0.0633	0.0563		35.6	40.0	-11.1	20.0
n-Propyl acetate	Ave	0.5294	0.4794		18.1	20.0	-9.4	20.0
1,4-Dioxane	Ave	0.9430	0.7939		337	400	-15.8	50.0
Dibromomethane	Ave	0.1822	0.1598		17.5	20.0	-12.3	20.0
Bromodichloromethane	Ave	0.3859	0.3418	0.2000	17.7	20.0	-11.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1959	0.1751		17.9	20.0	-10.7	20.0
2-Nitropropane	Ave	0.0890	0.0751		33.8	40.0	-15.6	20.0
Epichlorohydrin	Ave	0.1969	0.1840		374	400	-6.6	20.0
cis-1,3-Dichloropropene	Ave	0.6886	0.6528	0.2000	19.0	20.0	-5.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.346	2.138	0.0500	91.1	100	-8.9	50.0
Toluene	Ave	1.732	1.549	0.4000	17.9	20.0	-10.6	20.0
trans-1,3-Dichloropropene	Ave	0.6163	0.5708	0.1000	18.5	20.0	-7.4	50.0
Ethyl methacrylate	Ave	0.3712	0.3289		17.7	20.0	-11.4	20.0
1,1,2-Trichloroethane	Ave	0.3304	0.2987	0.1000	18.1	20.0	-9.6	20.0
Tetrachloroethene	Ave	0.2989	0.2699	0.2000	18.1	20.0	-9.7	20.0
1,3-Dichloropropane	Ave	0.6842	0.6125		17.9	20.0	-10.5	20.0
2-Hexanone	Ave	1.529	1.337	0.0500	87.5	100	-12.5	50.0
n-Butyl acetate	Ave	0.1173	0.1019		17.4	20.0	-13.1	20.0
Dibromochloromethane	Ave	0.3505	0.3129	0.1000	17.9	20.0	-10.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-358833/2 Calibration Date: 03/26/2016 07:05
 Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48
 Lab File ID: A19581.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
1,2-Dibromoethane	Ave	0.3391	0.2948	0.1000	17.4	20.0	-13.1	20.0
Chlorobenzene	Ave	1.005	0.8973	0.5000	17.9	20.0	-10.7	20.0
Ethylbenzene	Ave	0.5414	0.4878	0.1000	18.0	20.0	-9.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3547	0.3133		17.7	20.0	-11.7	20.0
m&p-Xylene	Ave	0.6555	0.6078	0.1000	18.5	20.0	-7.3	20.0
n-Butyl acrylate	Ave	0.3307	0.2899		17.5	20.0	-12.3	20.0
o-Xylene	Ave	0.6837	0.6253	0.3000	18.3	20.0	-8.5	20.0
Styrene	Ave	1.108	1.029	0.3000	18.6	20.0	-7.1	20.0
Amyl acetate (mixed isomers)	Ave	2.137	1.927		18.0	20.0	-9.9	20.0
Bromoform	Ave	0.1899	0.1723	0.1000	18.1	20.0	-9.3	20.0
Isopropylbenzene	Ave	1.760	1.645	0.1000	18.7	20.0	-6.5	20.0
1,1,2,2-Tetrachloroethane	Ave	1.083	0.9379	0.3000	17.3	20.0	-13.4	20.0
Bromobenzene	Ave	0.7398	0.6275		17.0	20.0	-15.2	20.0
N-Propylbenzene	Ave	4.401	4.122		18.7	20.0	-6.4	20.0
1,2,3-Trichloropropane	Ave	0.2615	0.2345		17.9	20.0	-10.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1773	0.3331		37.6	20.0	87.9*	20.0
4-Ethyltoluene	Ave	3.408	3.161		18.5	20.0	-7.3	20.0
2-Chlorotoluene	Ave	3.056	2.824		18.5	20.0	-7.6	20.0
1,3,5-Trimethylbenzene	Ave	2.784	2.707		19.4	20.0	-2.8	20.0
4-Chlorotoluene	Ave	2.597	2.418		18.6	20.0	-6.9	20.0
Butyl Methacrylate	Ave	1.083	1.012		18.7	20.0	-6.6	20.0
tert-Butylbenzene	Ave	2.182	1.944		17.8	20.0	-10.9	20.0
1,2,4-Trimethylbenzene	Ave	2.957	2.748		18.6	20.0	-7.1	20.0
sec-Butylbenzene	Ave	3.607	3.351		18.6	20.0	-7.1	20.0
4-Isopropyltoluene	Ave	2.976	2.763		18.6	20.0	-7.2	20.0
1,3-Dichlorobenzene	Ave	1.472	1.329	0.6000	18.1	20.0	-9.7	20.0
1,4-Dichlorobenzene	Ave	1.537	1.368	0.5000	17.8	20.0	-11.0	20.0
Benzyl chloride	Ave	1.857	1.765		19.0	20.0	-5.0	50.0
Indan	Ave	3.326	3.087		18.6	20.0	-7.2	20.0
p-Diethylbenzene	Ave	1.854	1.808		19.5	20.0	-2.4	20.0
n-Butylbenzene	Ave	1.722	1.740		20.2	20.0	1.1	20.0
1,2-Dichlorobenzene	Ave	1.502	1.302	0.4000	17.3	20.0	-13.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.821	2.541		18.0	20.0	-9.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1974	0.1669	0.0500	16.9	20.0	-15.5	50.0
1,3,5-Trichlorobenzene	Ave	0.9937	0.8814		17.7	20.0	-11.3	20.0
1,2,4-Trichlorobenzene	Ave	0.8698	0.7321	0.2000	16.8	20.0	-15.8	20.0
Hexachlorobutadiene	Ave	0.3064	0.2893		18.9	20.0	-5.6	20.0
Naphthalene	Ave	2.224	1.772		15.9	20.0	-20.3	50.0
1,2,3-Trichlorobenzene	Ave	0.7087	0.6098		17.2	20.0	-14.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2576	0.2577		50.0	50.0	0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3911	0.3993		51.1	50.0	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Lab Sample ID: CCVIS 460-358833/2 Calibration Date: 03/26/2016 07:05
Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48
Lab File ID: A19581.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
Toluene-d8 (Surr)	Ave	1.466	1.468		50.1	50.0	0.1	20.0
4-Bromofluorobenzene	Ave	0.3434	0.3435		50.0	50.0	0.0	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19581.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Mar-2016 07:05:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0039013-002
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 26-Mar-2016 07:28:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.590	0.000	89	11051	20.0	15.8	
3 Dichlorodifluoromethane	85	1.627	1.627	0.000	99	83419	20.0	17.0	
4 Chloromethane	50	1.804	1.804	0.000	99	113065	20.0	20.2	
5 Vinyl chloride	62	1.901	1.901	0.000	98	96183	20.0	20.1	
6 Butadiene	54	1.932	1.932	0.000	97	74920	20.0	16.4	
7 Bromomethane	94	2.236	2.236	0.000	99	53138	20.0	20.5	
8 Chloroethane	64	2.310	2.310	0.000	100	48756	20.0	20.1	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	124300	20.0	21.2	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	63	78653	20.0	19.9	
12 Pentane	72	2.566	2.566	0.000	98	17175	40.0	37.9	
14 Ethanol	46	2.767	2.767	0.000	73	8876	800.0	737.8	
13 Ethyl ether	59	2.767	2.767	0.000	94	46209	20.0	19.1	
15 2-Methyl-1,3-butadiene	53	2.797	2.797	0.000	92	46359	20.0	18.3	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.852	0.000	97	37158	20.0	19.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.974	2.974	0.000	25	40128	20.0	18.9	
11 Acrolein	56	2.986	2.986	0.000	41	6914	40.0	42.5	
18 1,1-Dichloroethene	96	2.992	2.992	0.000	94	44760	20.0	19.2	
19 Acetone	43	3.084	3.084	0.000	86	85773	100.0	74.6	
20 Iodomethane	142	3.163	3.163	0.000	98	68984	20.0	18.7	
22 Isopropyl alcohol	45	3.188	3.188	0.000	27	26367	200.0	184.0	
21 Carbon disulfide	76	3.200	3.200	0.000	100	181772	20.0	18.9	
23 3-Chloro-1-propene	76	3.322	3.322	0.000	91	32419	20.0	19.4	
24 Methyl acetate	43	3.334	3.334	0.000	99	239682	100.0	94.9	
25 Cyclopentene	67	3.340	3.340	0.000	91	130245	20.0	18.6	
26 Acetonitrile	41	3.377	3.377	0.000	74	105081	200.0	230.5	M
27 Methylene Chloride	84	3.462	3.462	0.000	97	57266	20.0	18.9	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	251917	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.541	0.000	92	29384	200.0	103.3	
30 Methyl tert-butyl ether	73	3.620	3.620	0.000	98	143546	20.0	18.3	
31 trans-1,2-Dichloroethene	96	3.626	3.626	0.000	97	45905	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.706	0.000	94	234631	200.0	184.9	
33 Hexane	43	3.773	3.773	0.000	94	46835	20.0	15.2	
34 Isopropyl ether	45	3.986	3.986	0.000	93	207356	20.0	18.9	
35 1,1-Dichloroethane	63	4.004	4.004	0.000	99	99982	20.0	18.2	
36 Vinyl acetate	86	4.023	4.023	0.000	100	16255	40.0	38.9	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	94	37975	20.0	18.9	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	88	151400	20.0	18.3	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	338217	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	85	11616	20.0	19.1	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	87	46387	20.0	18.0	
43 Ethyl acetate	70	4.480	4.480	0.000	93	9004	40.0	35.4	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	25794	100.0	85.1	
44 Methyl acrylate	55	4.523	4.523	0.000	97	45636	20.0	17.6	
45 Propionitrile	54	4.596	4.596	0.000	98	79799	200.0	183.5	
47 Chlorobromomethane	128	4.651	4.651	0.000	94	19681	20.0	17.9	
46 Tetrahydrofuran	72	4.657	4.657	0.000	90	11801	40.0	33.8	
48 Methacrylonitrile	67	4.675	4.675	0.000	97	199228	200.0	184.3	
49 Chloroform	83	4.693	4.693	0.000	97	80704	20.0	18.7	
50 Cyclohexane	56	4.809	4.809	0.000	97	86808	20.0	20.2	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	107685	50.0	50.0	
52 1,1,1-Trichloroethane	97	4.821	4.821	0.000	79	59205	20.0	18.5	
54 Carbon tetrachloride	117	4.913	4.913	0.000	93	49104	20.0	18.1	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	92	62547	20.0	18.6	
56 Isobutyl alcohol	43	5.029	5.029	0.000	92	65948	500.0	459.7	
57 Isooctane	57	5.059	5.059	0.000	98	84099	20.0	18.3	
58 Benzene	78	5.090	5.090	0.000	94	175344	20.0	17.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	166850	50.0	51.1	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	179956	20.0	19.2	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	90	134988	20.0	17.3	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	67278	20.0	18.1	
63 n-Heptane	71	5.199	5.199	0.000	97	34033	20.0	13.7	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	417862	50.0	50.0	
65 n-Butanol	56	5.522	5.522	0.000	95	23384	500.0	395.0	
66 Trichloroethene	95	5.571	5.571	0.000	93	39145	20.0	17.3	
67 Ethyl acrylate	55	5.663	5.663	0.000	97	112289	20.0	18.8	
68 Methylcyclohexane	83	5.681	5.681	0.000	87	53806	20.0	15.7	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	93	51506	20.0	17.6	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	17645	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	18824	40.0	35.6	
72 n-Propyl acetate	43	5.894	5.894	0.000	98	80136	20.0	18.1	
73 1,4-Dioxane	88	5.907	5.907	0.000	27	5603	400.0	336.7	
74 Dibromomethane	93	5.913	5.913	0.000	86	26703	20.0	17.5	
75 Dichlorobromomethane	83	6.028	6.028	0.000	97	57128	20.0	17.7	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	85	29258	20.0	17.9	
77 2-Nitropropane	41	6.321	6.321	0.000	83	25104	40.0	33.8	
78 Epichlorohydrin	57	6.419	6.419	0.000	100	99552	400.0	373.7	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	98	70938	20.0	19.0	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	289188	100.0	91.1	
\$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	97	398783	50.0	50.1	
82 Toluene	91	6.723	6.723	0.000	92	168302	20.0	17.9	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	62021	20.0	18.5	
84 Ethyl methacrylate	69	6.967	6.967	0.000	95	54968	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.107	7.107	0.000	95	32453	20.0	18.1	
86 Tetrachloroethene	166	7.144	7.144	0.000	90	29326	20.0	18.1	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	66550	20.0	17.9	
88 2-Hexanone	43	7.272	7.272	0.000	99	180854	100.0	87.5	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	11075	20.0	17.4	
90 Chlorodibromomethane	129	7.388	7.388	0.000	95	33999	20.0	17.9	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	32029	20.0	17.4	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	271654	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	97506	20.0	17.9	
94 Ethylbenzene	106	7.851	7.851	0.000	100	53004	20.0	18.0	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.863	0.000	93	34046	20.0	17.7	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	66042	20.0	18.5	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	31499	20.0	17.5	
98 o-Xylene	106	8.187	8.187	0.000	91	67950	20.0	18.3	
99 Styrene	104	8.205	8.205	0.000	93	111848	20.0	18.6	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	112369	20.0	18.0	
101 Bromoform	173	8.345	8.345	0.000	90	18723	20.0	18.1	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	178737	20.0	18.7	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	93309	50.0	50.0	
104 Bromobenzene	156	8.619	8.619	0.000	90	36599	20.0	17.0	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	54706	20.0	17.3	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	240405	20.0	18.7	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	92	13678	20.0	17.9	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	77	19426	20.0	37.6	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	184354	20.0	18.5	
110 2-Chlorotoluene	91	8.717	8.717	0.000	97	164727	20.0	18.5	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	91	157881	20.0	19.4	
112 Butyl Methacrylate	87	8.778	8.778	0.000	95	59036	20.0	18.7	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	141016	20.0	18.6	
114 tert-Butylbenzene	119	8.924	8.924	0.000	90	113364	20.0	17.8	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	99	160275	20.0	18.6	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	195438	20.0	18.6	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	96	161131	20.0	18.6	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	91	77536	20.0	18.1	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	145820	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.192	0.000	90	79805	20.0	17.8	
121 Benzyl chloride	91	9.278	9.278	0.000	97	102950	20.0	19.0	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	95	180042	20.0	18.6	
123 p-Diethylbenzene	119	9.339	9.339	0.000	90	105479	20.0	19.5	
124 n-Butylbenzene	92	9.357	9.357	0.000	77	101503	20.0	20.2	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	92	75962	20.0	17.3	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	96	148189	20.0	18.0	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.930	0.000	84	9734	20.0	16.9	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	92	51409	20.0	17.7	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	91	42701	20.0	16.8	
130 Hexachlorobutadiene	225	10.576	10.576	0.000	84	16874	20.0	18.9	
131 Naphthalene	128	10.729	10.729	0.000	97	103367	20.0	15.9	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	93	35570	20.0	17.2	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 134 Xylenes, Total	100				0		40.0	36.8	
S 135 Total BTEX	1				0		100.0	90.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19581.D

Injection Date: 26-Mar-2016 07:05:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

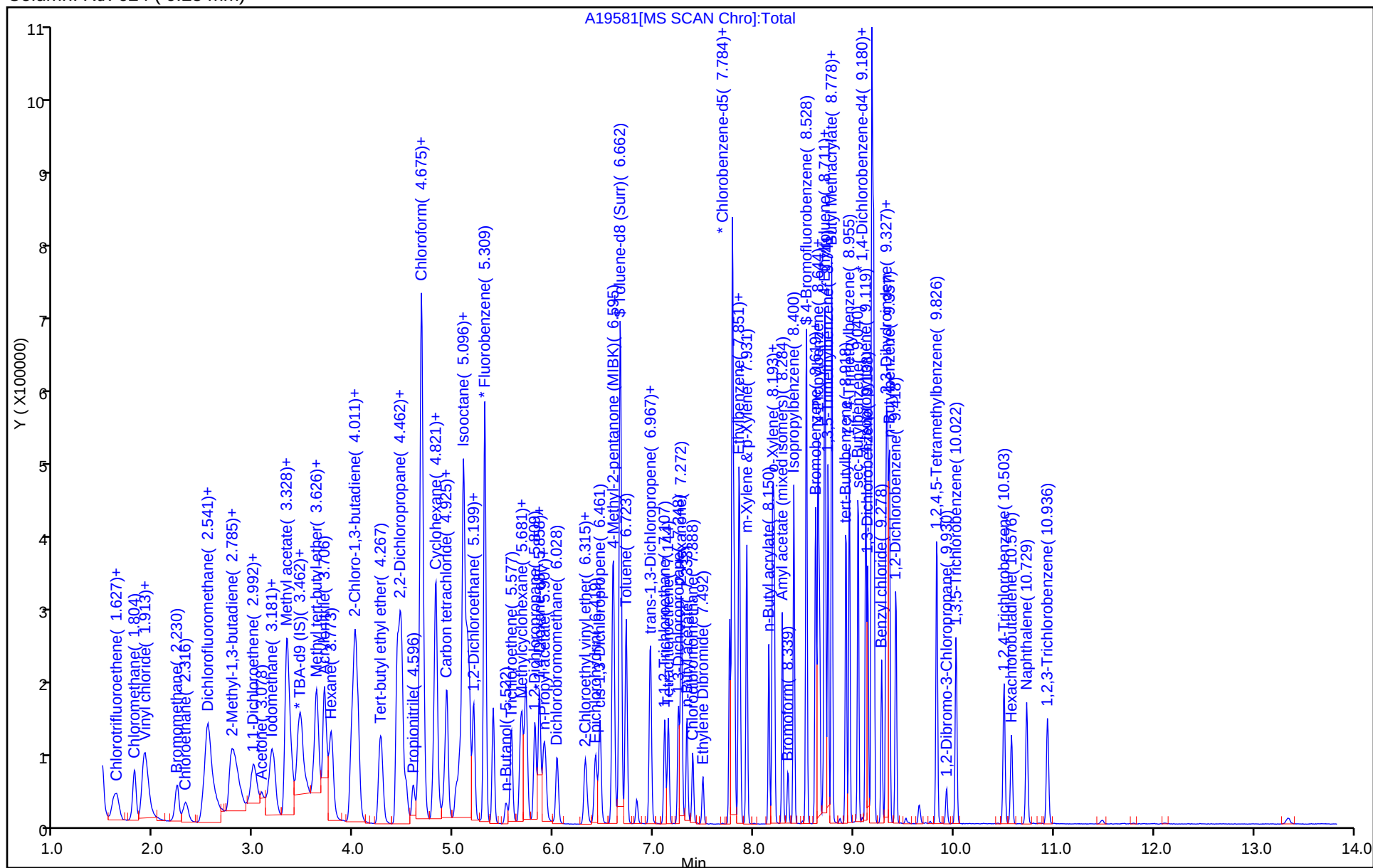
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



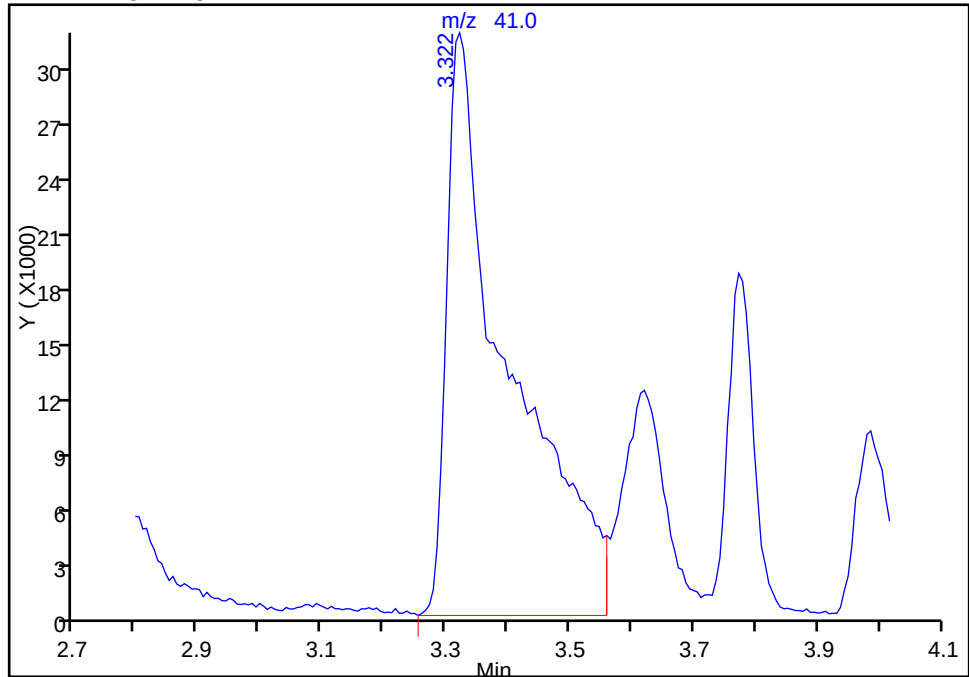
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19581.D		
Injection Date:	26-Mar-2016 07:05:30	Instrument ID:	CVOAMS1
Lims ID:	CCVIS		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	2

26 Acetonitrile, CAS: 75-05-8

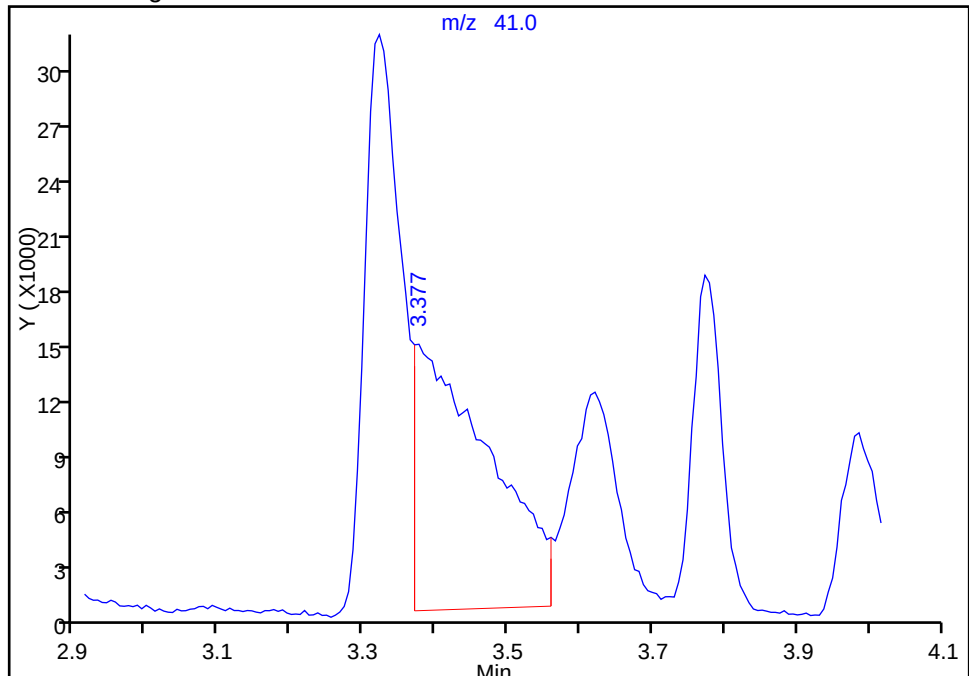
RT: 3.32
Area: 219069
Amount: 480.4476
Amount Units: ug/l

Processing Integration Results



RT: 3.38
Area: 105081
Amount: 230.4567
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 28-Mar-2016 17:04:49
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-359095/3 Calibration Date: 03/28/2016 09:28

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19637.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
Chlorotrifluoroethene	Ave	0.0836	0.0740		17.7	20.0	-11.5	20.0
Dichlorodifluoromethane	Ave	0.5861	0.5106	0.1000	17.4	20.0	-12.9	20.0
Chloromethane	Ave	0.6685	0.6969	0.1000	20.8	20.0	4.2	20.0
Vinyl chloride	Ave	0.5724	0.6129	0.1000	21.4	20.0	7.1	20.0
Butadiene	Ave	0.5476	0.4891		17.9	20.0	-10.7	20.0
Bromomethane	Ave	0.3099	0.3337	0.1000	21.5	20.0	7.7	50.0
Chloroethane	Ave	0.2903	0.3111	0.1000	21.4	20.0	7.2	50.0
Dichlorofluoromethane	Ave	0.7028	0.7636		21.7	20.0	8.6	20.0
Trichlorofluoromethane	Ave	0.4726	0.5107	0.1000	21.6	20.0	8.1	20.0
Pentane	Ave	0.0542	0.0494		36.4	40.0	-8.9	20.0
Ethyl ether	Ave	0.2898	0.2970		20.5	20.0	2.5	20.0
Ethanol	QuaF		0.0393		657	800	-17.9	50.0
2-Methyl-1,3-butadiene	Ave	0.3028	0.2887		19.1	20.0	-4.7	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2231	0.2561		23.0	20.0	14.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Qua2		0.2565	0.1000	20.1	20.0	0.6	20.0
1,1-Dichloroethene	Ave	0.2788	0.3051	0.1000	21.9	20.0	9.4	20.0
Acetone	Ave	0.8494	0.7109	0.0500	83.7	100	-16.3	50.0
Iodomethane	Ave	0.4415	0.4650		21.1	20.0	5.3	20.0
Isopropyl alcohol	Qua2		0.7900		283	200	41.6	50.0
Carbon disulfide	Ave	1.150	1.190	0.1000	20.7	20.0	3.5	50.0
Allyl chloride	Ave	0.2003	0.2270		22.7	20.0	13.3	20.0
Methyl acetate	Ave	0.3023	0.3036	0.1000	100	100	0.4	20.0
Cyclopentene	Ave	0.8396	0.9080		21.6	20.0	8.1	20.0
Acetonitrile	Ave	1.810	0.5597		61.8	200	-69.1*	20.0
Methylene Chloride	Ave	0.3635	0.3776	0.1000	20.8	20.0	3.9	20.0
TBA	Ave	1.129	1.252		222	200	10.9	50.0
Methyl tert-butyl ether	Ave	0.9363	0.9497	0.1000	20.3	20.0	1.4	20.0
trans-1,2-Dichloroethene	Ave	0.2994	0.3051	0.1000	20.4	20.0	1.9	20.0
Acrylonitrile	Ave	0.1518	0.1532		202	200	0.9	20.0
Hexane	QuaF		0.2919		15.8	20.0	-20.9*	20.0
Isopropyl ether	Ave	1.312	1.326		20.2	20.0	1.1	20.0
1,1-Dichloroethane	Ave	0.6584	0.6418	0.2000	19.5	20.0	-2.5	20.0
Vinyl acetate	Ave	0.0499	0.0538		43.1	40.0	7.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2410	0.2576		21.4	20.0	6.9	20.0
Tert-butyl ethyl ether	Ave	0.9915	0.9876		19.9	20.0	-0.4	20.0
2,2-Dichloropropane	Ave	0.0728	0.0801		22.0	20.0	10.0	20.0
cis-1,2-Dichloroethene	Ave	0.3078	0.3018	0.1000	19.6	20.0	-2.0	20.0
Ethyl acetate	Ave	0.1879	0.1911		40.7	40.0	1.7	20.0
2-Butanone	Ave	0.2240	0.2139	0.0500	95.5	100	-4.5	50.0
Methyl acrylate	Ave	0.3101	0.3047		19.7	20.0	-1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-359095/3 Calibration Date: 03/28/2016 09:28

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19637.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
Propionitrile	Ave	0.0520	0.0522		201	200	0.3	20.0
Bromochloromethane	Ave	0.1315	0.1300		19.8	20.0	-1.1	20.0
Tetrahydrofuran	Ave	0.2580	0.2758		42.8	40.0	6.9	20.0
Methacrylonitrile	Ave	0.1293	0.1326		205	200	2.5	20.0
Chloroform	Ave	0.5156	0.5213	0.2000	20.2	20.0	1.1	20.0
Cyclohexane	Ave	0.5150	0.5669	0.1000	22.0	20.0	10.1	50.0
1,1,1-Trichloroethane	Ave	0.3834	0.3926	0.1000	20.5	20.0	2.4	20.0
Carbon tetrachloride	Ave	0.3242	0.3338	0.1000	20.6	20.0	2.9	20.0
1,1-Dichloropropene	Ave	0.4018	0.4102		20.4	20.0	2.1	20.0
Isobutyl alcohol	Ave	0.5695	0.5609		492	500	-1.5	50.0
2,2,4-Trimethylpentane	Ave	0.5495	0.5389		19.6	20.0	-1.9	20.0
Benzene	Ave	1.812	1.798	0.5000	19.8	20.0	-0.8	20.0
Isopropyl acetate	Ave	1.119	1.159		20.7	20.0	3.6	20.0
Tert-amyl methyl ether	Ave	0.9338	0.8981		19.2	20.0	-3.8	20.0
1,2-Dichloroethane	Ave	0.4438	0.4280	0.1000	19.3	20.0	-3.6	20.0
n-Heptane	QuaF		0.2213		14.9	20.0	-25.5*	20.0
n-Butanol	Ave	0.2350	0.2262		481	500	-3.7	50.0
Trichloroethene	Ave	0.2701	0.2607	0.2000	19.3	20.0	-3.5	20.0
Ethyl acrylate	Ave	0.7157	0.7201		20.1	20.0	0.6	20.0
Methylcyclohexane	QuaF		0.3466	0.1000	16.9	20.0	-15.6	50.0
1,2-Dichloropropane	Ave	0.3492	0.3311	0.1000	19.0	20.0	-5.2	20.0
Methyl methacrylate	Ave	0.0633	0.0625		39.5	40.0	-1.3	20.0
1,4-Dioxane	Ave	0.9430	1.152		489	400	22.2	50.0
n-Propyl acetate	Ave	0.5294	0.5282		20.0	20.0	-0.2	20.0
Dibromomethane	Ave	0.1822	0.1755		19.3	20.0	-3.7	20.0
Bromodichloromethane	Ave	0.3859	0.3693	0.2000	19.1	20.0	-4.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1959	0.1968		20.1	20.0	0.4	20.0
2-Nitropropane	Ave	0.0890	0.0794		35.7	40.0	-10.8	20.0
Epichlorohydrin	Ave	0.1969	0.2156		438	400	9.5	20.0
cis-1,3-Dichloropropene	Ave	0.6886	0.7255	0.2000	21.1	20.0	5.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.346	2.414	0.0500	103	100	2.9	50.0
Toluene	Ave	1.732	1.698	0.4000	19.6	20.0	-1.9	20.0
trans-1,3-Dichloropropene	Ave	0.6163	0.6326	0.1000	20.5	20.0	2.6	50.0
Ethyl methacrylate	Ave	0.3712	0.3668		19.8	20.0	-1.2	20.0
1,1,2-Trichloroethane	Ave	0.3304	0.3264	0.1000	19.8	20.0	-1.2	20.0
Tetrachloroethene	Ave	0.2989	0.3098	0.2000	20.7	20.0	3.6	20.0
1,3-Dichloropropane	Ave	0.6842	0.6759		19.8	20.0	-1.2	20.0
2-Hexanone	Ave	1.529	1.568	0.0500	103	100	2.6	50.0
n-Butyl acetate	Ave	0.1173	0.1147		19.5	20.0	-2.3	20.0
Dibromochloromethane	Ave	0.3505	0.3535	0.1000	20.2	20.0	0.8	50.0
1,2-Dibromoethane	Ave	0.3391	0.3311	0.1000	19.5	20.0	-2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-359095/3 Calibration Date: 03/28/2016 09:28

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19637.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
Chlorobenzene	Ave	1.005	0.9826	0.5000	19.5	20.0	-2.3	20.0
Ethylbenzene	Ave	0.5414	0.5486	0.1000	20.3	20.0	1.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3547	0.3437		19.4	20.0	-3.1	20.0
m&p-Xylene	Ave	0.6555	0.6754	0.1000	20.6	20.0	3.0	20.0
n-Butyl acrylate	Ave	0.3307	0.3340		20.2	20.0	1.0	20.0
o-Xylene	Ave	0.6837	0.6948	0.3000	20.3	20.0	1.6	20.0
Styrene	Ave	1.108	1.139	0.3000	20.6	20.0	2.8	20.0
Amyl acetate (mixed isomers)	Ave	2.137	2.204		20.6	20.0	3.1	20.0
Bromoform	Ave	0.1899	0.1954	0.1000	20.6	20.0	2.9	20.0
Isopropylbenzene	Ave	1.760	1.804	0.1000	20.5	20.0	2.5	20.0
Bromobenzene	Ave	0.7398	0.7229		19.5	20.0	-2.3	20.0
1,1,2,2-Tetrachloroethane	Ave	1.083	1.078	0.3000	19.9	20.0	-0.4	20.0
N-Propylbenzene	Ave	4.401	4.652		21.1	20.0	5.7	20.0
1,2,3-Trichloropropane	Ave	0.2615	0.2711		20.7	20.0	3.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1773	0.3671		41.4	20.0	107.1*	20.0
4-Ethyltoluene	Ave	3.408	3.618		21.2	20.0	6.2	20.0
2-Chlorotoluene	Ave	3.056	3.213		21.0	20.0	5.1	20.0
1,3,5-Trimethylbenzene	Ave	2.784	3.064		22.0	20.0	10.1	20.0
Butyl Methacrylate	Ave	1.083	1.172		21.6	20.0	8.2	20.0
4-Chlorotoluene	Ave	2.597	2.742		21.1	20.0	5.6	20.0
tert-Butylbenzene	Ave	2.182	2.227		20.4	20.0	2.0	20.0
1,2,4-Trimethylbenzene	Ave	2.957	3.153		21.3	20.0	6.6	20.0
sec-Butylbenzene	Ave	3.607	3.870		21.5	20.0	7.3	20.0
4-Isopropyltoluene	Ave	2.976	3.192		21.5	20.0	7.3	20.0
1,3-Dichlorobenzene	Ave	1.472	1.499	0.6000	20.4	20.0	1.9	20.0
1,4-Dichlorobenzene	Ave	1.537	1.536	0.5000	20.0	20.0	-0.0	20.0
Benzyl chloride	Ave	1.857	2.064		22.2	20.0	11.1	50.0
Indan	Ave	3.326	3.436		20.7	20.0	3.3	20.0
p-Diethylbenzene	Ave	1.854	2.098		22.6	20.0	13.2	20.0
n-Butylbenzene	Ave	1.722	1.992		23.1	20.0	15.7	20.0
1,2-Dichlorobenzene	Ave	1.502	1.495	0.4000	19.9	20.0	-0.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.821	2.930		20.8	20.0	3.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1974	0.2089	0.0500	21.2	20.0	5.8	50.0
1,3,5-Trichlorobenzene	Ave	0.9937	1.030		20.7	20.0	3.6	20.0
1,2,4-Trichlorobenzene	Ave	0.8698	0.8918	0.2000	20.5	20.0	2.5	20.0
Hexachlorobutadiene	Ave	0.3064	0.3421		22.3	20.0	11.7	20.0
Naphthalene	Ave	2.224	2.442		22.0	20.0	9.8	50.0
1,2,3-Trichlorobenzene	Ave	0.7087	0.7887		22.3	20.0	11.3	20.0
Acrolein	Lin2		0.0169		2.50	40.0	-100.0*	50.0
Dibromofluoromethane (Surr)	Ave	0.2576	0.2512		48.8	50.0	-2.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3911	0.3629		46.4	50.0	-7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Lab Sample ID: CCVIS 460-359095/3 Calibration Date: 03/28/2016 09:28
Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48
Lab File ID: A19637.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
Toluene-d8 (Surr)	Ave	1.466	1.435		48.9	50.0	-2.1	20.0
4-Bromofluorobenzene	Ave	0.3434	0.3348		48.7	50.0	-2.5	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19637.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 28-Mar-2016 09:28:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0039079-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:35:49 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: starzecm

Date: 28-Mar-2016 18:35:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.590	0.000	90	14245	20.0	17.7	
3 Dichlorodifluoromethane	85	1.621	1.621	0.000	99	98334	20.0	17.4	
4 Chloromethane	50	1.804	1.804	0.000	99	134208	20.0	20.8	
5 Vinyl chloride	62	1.901	1.901	0.000	98	118044	20.0	21.4	
6 Butadiene	54	1.920	1.920	0.000	99	94199	20.0	17.9	
7 Bromomethane	94	2.230	2.230	0.000	99	64264	20.0	21.5	
8 Chloroethane	64	2.316	2.316	0.000	100	59920	20.0	21.4	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	147053	20.0	21.7	
10 Trichlorofluoromethane	101	2.535	2.535	0.000	62	98347	20.0	21.6	
12 Pentane	72	2.560	2.560	0.000	98	19013	40.0	36.4	
13 Ethyl ether	59	2.761	2.761	0.000	93	57196	20.0	20.5	
14 Ethanol	46	2.773	2.773	0.000	72	8852	800.0	657.1	
15 2-Methyl-1,3-butadiene	53	2.785	2.785	0.000	96	55601	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.840	0.000	95	49320	20.0	23.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.980	0.000	19	49397	20.0	20.1	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	94	58752	20.0	21.9	
19 Acetone	43	3.078	3.078	0.000	86	106452	100.0	83.7	
20 Iodomethane	142	3.163	3.163	0.000	99	89551	20.0	21.1	
22 Isopropyl alcohol	45	3.169	3.169	0.000	28	44544	200.0	283.2	
21 Carbon disulfide	76	3.194	3.194	0.000	100	229098	20.0	20.7	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	74	43710	20.0	22.7	
24 Methyl acetate	43	3.328	3.328	0.000	100	292314	100.0	100.4	
25 Cyclopentene	67	3.334	3.334	0.000	65	174865	20.0	21.6	
26 Acetonitrile	41	3.438	3.438	0.000	13	31556	200.0	61.8	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	281910	1000.0	1000.0	
27 Methylene Chloride	84	3.462	3.462	0.000	99	72724	20.0	20.8	
29 2-Methyl-2-propanol	59	3.505	3.505	0.000	91	70586	200.0	221.7	M
30 Methyl tert-butyl ether	73	3.614	3.614	0.000	98	182898	20.0	20.3	
31 trans-1,2-Dichloroethene	96	3.627	3.627	0.000	75	58767	20.0	20.4	
32 Acrylonitrile	53	3.706	3.706	0.000	93	295059	200.0	201.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.773	3.773	0.000	95	56212	20.0	15.8	
34 Isopropyl ether	45	3.980	3.980	0.000	95	255422	20.0	20.2	
35 1,1-Dichloroethane	63	3.998	3.998	0.000	99	123613	20.0	19.5	
36 Vinyl acetate	86	4.017	4.017	0.000	100	20723	40.0	43.1	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	93	49604	20.0	21.4	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	88	190197	20.0	19.9	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	374365	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	88	15421	20.0	22.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	89	58114	20.0	19.6	
43 Ethyl acetate	70	4.474	4.474	0.000	95	11448	40.0	40.7	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	32024	100.0	95.5	
44 Methyl acrylate	55	4.523	4.523	0.000	99	58675	20.0	19.7	
45 Propionitrile	54	4.590	4.590	0.000	97	100540	200.0	200.6	
47 Chlorobromomethane	128	4.651	4.651	0.000	94	25038	20.0	19.8	
46 Tetrahydrofuran	72	4.657	4.657	0.000	73	16522	40.0	42.8	
48 Methacrylonitrile	67	4.675	4.675	0.000	96	255292	200.0	205.0	
49 Chloroform	83	4.693	4.693	0.000	97	100398	20.0	20.2	
50 Cyclohexane	56	4.803	4.803	0.000	96	109174	20.0	22.0	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	120947	50.0	48.8	
52 1,1,1-Trichloroethane	97	4.821	4.821	0.000	80	75614	20.0	20.5	
54 Carbon tetrachloride	117	4.913	4.913	0.000	94	64283	20.0	20.6	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	92	78999	20.0	20.4	
56 Isobutyl alcohol	43	5.023	5.023	0.000	89	79065	500.0	492.5	
57 Isooctane	57	5.059	5.059	0.000	98	103779	20.0	19.6	
58 Benzene	78	5.090	5.090	0.000	98	223725	20.0	19.8	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	174715	50.0	46.4	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	223131	20.0	20.7	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	92	172970	20.0	19.2	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	82427	20.0	19.3	
63 n-Heptane	71	5.199	5.199	0.000	97	42621	20.0	14.9	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	481477	50.0	50.0	
65 n-Butanol	56	5.523	5.523	0.000	93	31890	500.0	481.4	
66 Trichloroethene	95	5.571	5.571	0.000	92	50210	20.0	19.3	
67 Ethyl acrylate	55	5.669	5.669	0.000	97	138687	20.0	20.1	
68 Methylcyclohexane	83	5.681	5.681	0.000	86	66742	20.0	16.9	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	92	63771	20.0	19.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	21219	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	24077	40.0	39.5	
73 1,4-Dioxane	88	5.901	5.901	0.000	28	9778	400.0	488.7	
72 n-Propyl acetate	43	5.901	5.901	0.000	98	101726	20.0	20.0	
74 Dibromomethane	93	5.913	5.913	0.000	87	33806	20.0	19.3	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	71123	20.0	19.1	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	96	37894	20.0	20.1	
77 2-Nitropropane	41	6.327	6.327	0.000	99	30574	40.0	35.7	
78 Epichlorohydrin	57	6.419	6.419	0.000	100	129151	400.0	438.0	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	97	90277	20.0	21.1	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	361430	100.0	102.9	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	446456	50.0	48.9	
82 Toluene	91	6.724	6.724	0.000	92	211288	20.0	19.6	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	97	78716	20.0	20.5	
84 Ethyl methacrylate	69	6.967	6.967	0.000	94	70636	20.0	19.8	
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	93	40608	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.144	7.144	0.000	90	38549	20.0	20.7	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	84103	20.0	19.8	
88 2-Hexanone	43	7.272	7.272	0.000	99	234762	100.0	102.6	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	14269	20.0	19.5	
90 Chlorodibromomethane	129	7.388	7.388	0.000	96	43984	20.0	20.2	
91 Ethylene Dibromide	107	7.492	7.492	0.000	99	41194	20.0	19.5	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	311081	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	94	122263	20.0	19.5	
94 Ethylbenzene	106	7.851	7.851	0.000	99	68268	20.0	20.3	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	93	42766	20.0	19.4	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	84043	20.0	20.6	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	41565	20.0	20.2	
98 o-Xylene	106	8.187	8.187	0.000	92	86450	20.0	20.3	
99 Styrene	104	8.205	8.205	0.000	90	141693	20.0	20.6	
100 Amyl acetate (mixed isomer)	43	8.290	8.290	0.000	88	142626	20.0	20.6	
101 Bromoform	173	8.345	8.345	0.000	90	24313	20.0	20.6	
102 Isopropylbenzene	105	8.406	8.406	0.000	97	224499	20.0	20.5	
\$ 103 4-Bromofluorobenzene	174	8.534	8.534	0.000	83	104145	50.0	48.7	
104 Bromobenzene	156	8.619	8.619	0.000	89	46787	20.0	19.5	
105 1,1,2,2-Tetrachloroethane	83	8.626	8.626	0.000	99	69750	20.0	19.9	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	301092	20.0	21.1	
107 1,2,3-Trichloropropane	110	8.662	8.662	0.000	93	17543	20.0	20.7	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.662	0.000	75	23761	20.0	41.4	
109 4-Ethyltoluene	105	8.711	8.711	0.000	97	234154	20.0	21.2	
110 2-Chlorotoluene	91	8.723	8.723	0.000	96	207942	20.0	21.0	
111 1,3,5-Trimethylbenzene	105	8.748	8.748	0.000	91	198327	20.0	22.0	
112 Butyl Methacrylate	87	8.784	8.784	0.000	81	75868	20.0	21.6	
113 4-Chlorotoluene	91	8.790	8.790	0.000	97	177498	20.0	21.1	
114 tert-Butylbenzene	119	8.930	8.930	0.000	90	144134	20.0	20.4	
115 1,2,4-Trimethylbenzene	105	8.967	8.967	0.000	98	204078	20.0	21.3	
116 sec-Butylbenzene	105	9.052	9.052	0.000	98	250478	20.0	21.5	
117 4-Isopropyltoluene	119	9.132	9.132	0.000	96	206582	20.0	21.5	
118 1,3-Dichlorobenzene	146	9.150	9.150	0.000	91	97037	20.0	20.4	
* 119 1,4-Dichlorobenzene-d4	152	9.193	9.193	0.000	97	161806	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.205	9.205	0.000	87	99434	20.0	20.0	
121 Benzyl chloride	91	9.290	9.290	0.000	97	133586	20.0	22.2	
122 2,3-Dihydroindene	117	9.333	9.333	0.000	93	222355	20.0	20.7	
123 p-Diethylbenzene	119	9.351	9.351	0.000	89	135793	20.0	22.6	
124 n-Butylbenzene	92	9.363	9.363	0.000	97	128942	20.0	23.1	
125 1,2-Dichlorobenzene	146	9.430	9.430	0.000	91	96738	20.0	19.9	
126 1,2,4,5-Tetramethylbenzene	119	9.845	9.845	0.000	96	189645	20.0	20.8	
127 1,2-Dibromo-3-Chloropropan	75	9.942	9.942	0.000	87	13523	20.0	21.2	
128 1,3,5-Trichlorobenzene	180	10.034	10.034	0.000	93	66635	20.0	20.7	
129 1,2,4-Trichlorobenzene	180	10.515	10.515	0.000	91	57719	20.0	20.5	
130 Hexachlorobutadiene	225	10.595	10.595	0.000	84	22143	20.0	22.3	
131 Naphthalene	128	10.747	10.747	0.000	98	158069	20.0	22.0	
132 1,2,3-Trichlorobenzene	180	10.954	10.954	0.000	92	51048	20.0	22.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 134 Xylenes, Total	100				0		40.0	40.9	
S 135 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19637.D

Injection Date: 28-Mar-2016 09:28:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

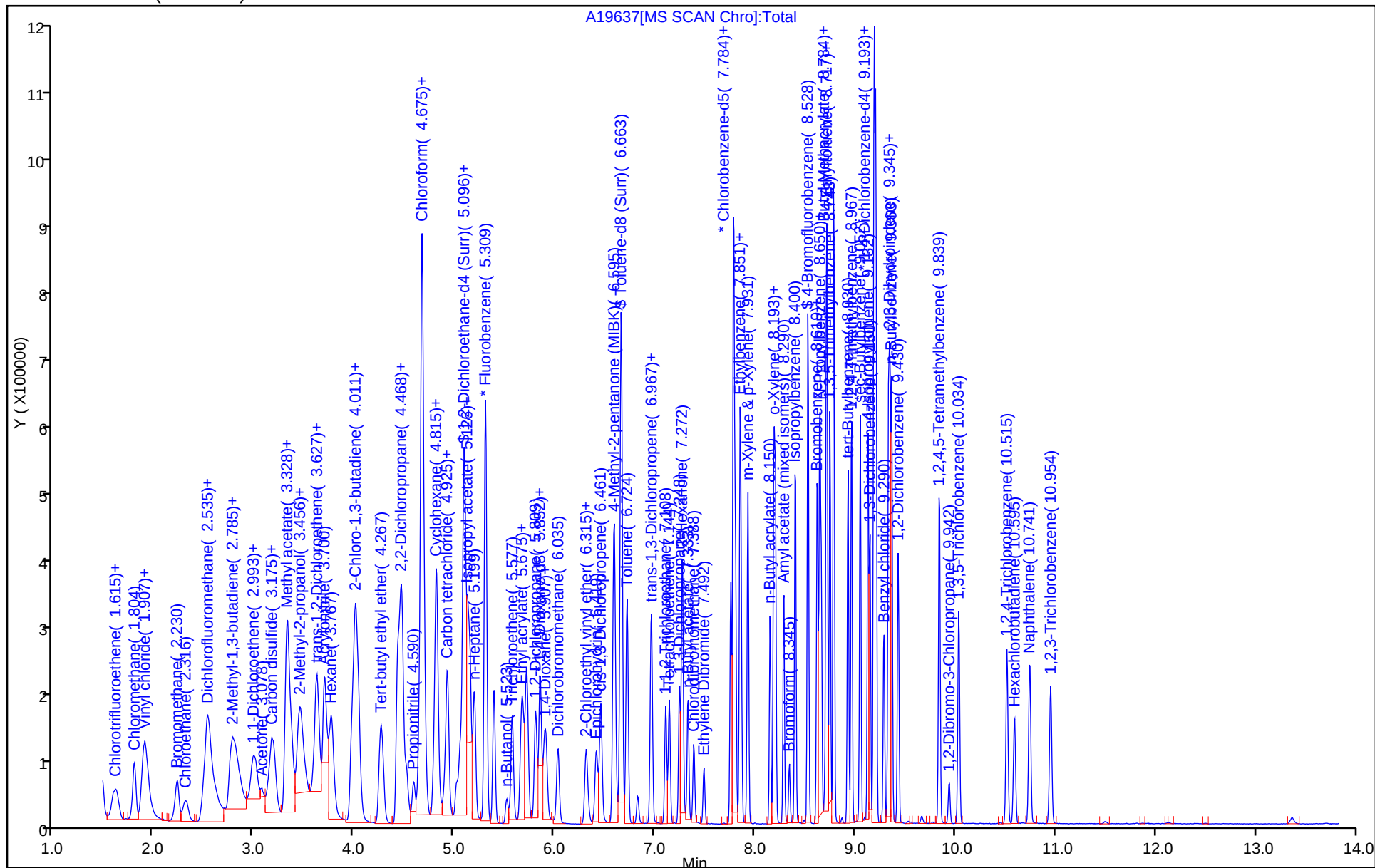
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



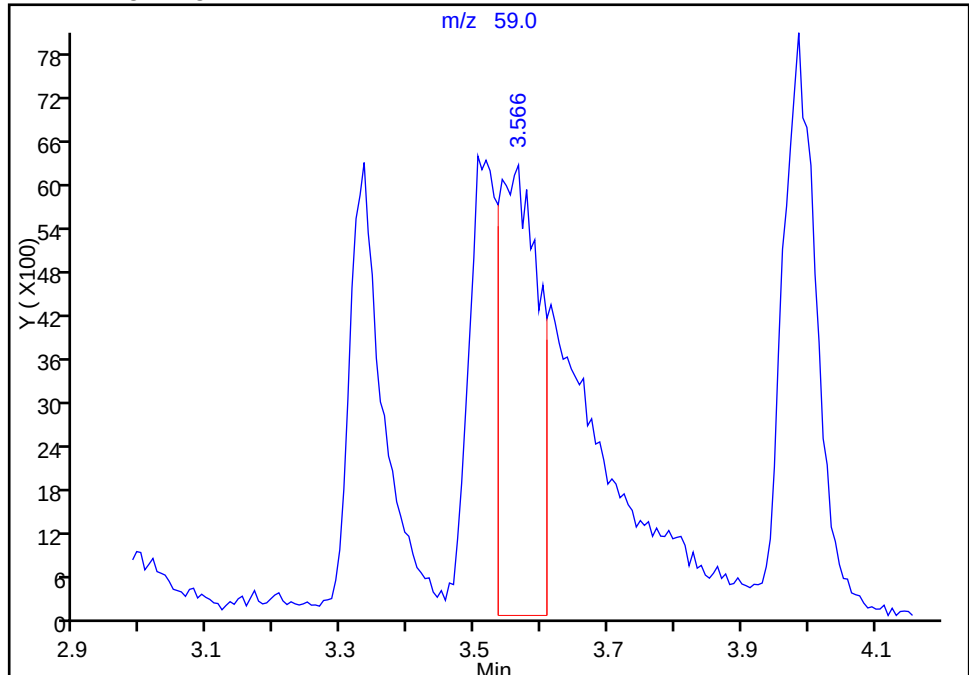
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19637.D
Injection Date: 28-Mar-2016 09:28:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 2-Methyl-2-propanol, CAS: 75-65-0

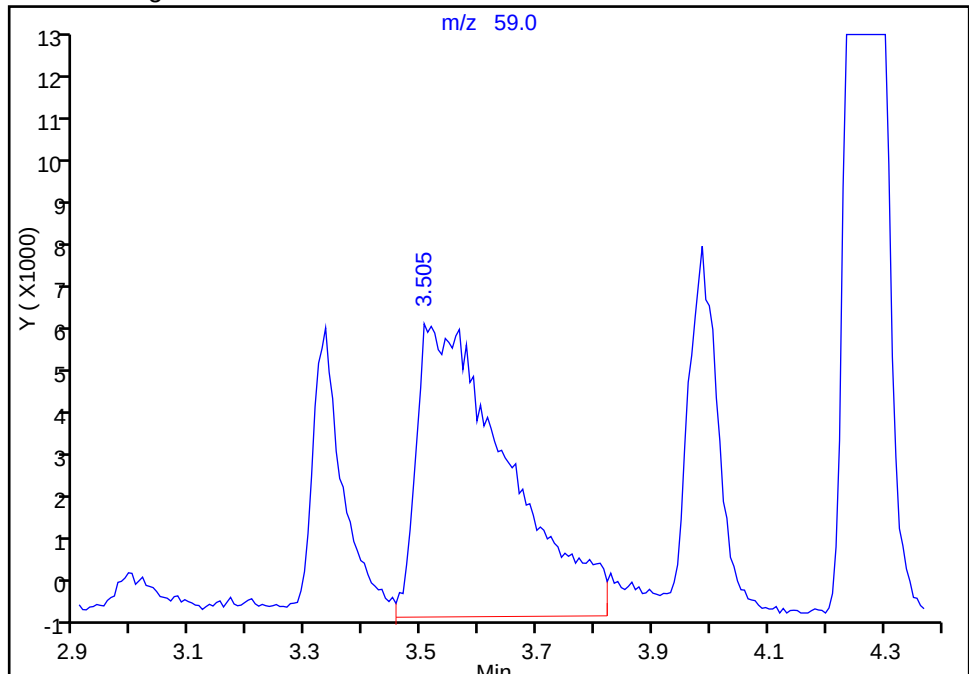
RT: 3.57
Area: 25607
Amount: 80.442036
Amount Units: ug/l

Processing Integration Results



RT: 3.50
Area: 70586
Amount: 221.7394
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 28-Mar-2016 18:34:52
Audit Action: Manually Integrated
Audit Reason: Wrong peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-359204/2 Calibration Date: 03/28/2016 20:44

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19667.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
Chlorotrifluoroethene	Ave	0.0836	0.0909		21.8	20.0	8.8	20.0
Dichlorodifluoromethane	Ave	0.5861	0.6323	0.1000	21.6	20.0	7.9	20.0
Chloromethane	Ave	0.6685	0.6796	0.1000	20.3	20.0	1.7	20.0
Vinyl chloride	Ave	0.5724	0.5825	0.1000	20.4	20.0	1.8	20.0
Butadiene	Ave	0.5476	0.5040		18.4	20.0	-8.0	20.0
Bromomethane	Ave	0.3099	0.3132	0.1000	20.2	20.0	1.1	50.0
Chloroethane	Ave	0.2903	0.2866	0.1000	19.7	20.0	-1.3	50.0
Dichlorofluoromethane	Ave	0.7028	0.7215		20.5	20.0	2.7	20.0
Trichlorofluoromethane	Ave	0.4726	0.5275	0.1000	22.3	20.0	11.6	20.0
Pentane	Ave	0.0542	0.0628		46.3	40.0	15.9	20.0
Ethyl ether	Ave	0.2898	0.2810		19.4	20.0	-3.0	20.0
Ethanol	QuaF		0.0533		894	800	11.8	50.0
2-Methyl-1,3-butadiene	Ave	0.3028	0.3067		20.3	20.0	1.3	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2231	0.2428		21.8	20.0	8.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Qua2		0.3034	0.1000	23.7	20.0	18.5	20.0
1,1-Dichloroethene	Ave	0.2788	0.2774	0.1000	19.9	20.0	-0.5	20.0
Acetone	Ave	0.8494	0.7333	0.0500	86.3	100	-13.7	50.0
Iodomethane	Ave	0.4415	0.4386		19.9	20.0	-0.7	20.0
Isopropyl alcohol	Qua2		1.082		393	200	96.6*	50.0
Carbon disulfide	Ave	1.150	1.177	0.1000	20.5	20.0	2.3	50.0
Acetonitrile	Ave	1.810	4.470		494	200	147.0*	20.0
Allyl chloride	Ave	0.2003	0.2106		21.0	20.0	5.1	20.0
Methyl acetate	Ave	0.3023	0.2990	0.1000	98.9	100	-1.1	20.0
Cyclopentene	Ave	0.8396	0.8855		21.1	20.0	5.5	20.0
Methylene Chloride	Ave	0.3635	0.3520	0.1000	19.4	20.0	-3.2	20.0
TBA	Ave	1.129	1.134		201	200	0.4	50.0
Acrolein	Lin2		1.014		64.1	40.0	60.2*	50.0
Methyl tert-butyl ether	Ave	0.9363	0.8747	0.1000	18.7	20.0	-6.6	20.0
trans-1,2-Dichloroethene	Ave	0.2994	0.2934	0.1000	19.6	20.0	-2.0	20.0
Acrylonitrile	Ave	0.1518	0.1451		191	200	-4.4	20.0
Hexane	QuaF		0.3765		20.5	20.0	2.3	20.0
Isopropyl ether	Ave	1.312	1.262		19.2	20.0	-3.8	20.0
1,1-Dichloroethane	Ave	0.6584	0.6242	0.2000	19.0	20.0	-5.2	20.0
Vinyl acetate	Ave	0.0499	0.0509		40.8	40.0	1.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2410	0.2482		20.6	20.0	3.0	20.0
Tert-butyl ethyl ether	Ave	0.9915	0.9316		18.8	20.0	-6.0	20.0
2,2-Dichloropropane	Ave	0.0728	0.0749		20.6	20.0	2.9	20.0
cis-1,2-Dichloroethene	Ave	0.3078	0.2986	0.1000	19.4	20.0	-3.0	20.0
2-Butanone	Ave	0.2240	0.2028	0.0500	90.5	100	-9.5	50.0
Ethyl acetate	Ave	0.1879	0.1713		36.5	40.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Lab Sample ID: CCVIS 460-359204/2 Calibration Date: 03/28/2016 20:44

Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48

Lab File ID: A19667.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
Methyl acrylate	Ave	0.3101	0.2812		18.1	20.0	-9.3	20.0
Propionitrile	Ave	0.0520	0.0501		192	200	-3.8	20.0
Bromochloromethane	Ave	0.1315	0.1262		19.2	20.0	-4.1	20.0
Tetrahydrofuran	Ave	0.2580	0.2426		37.6	40.0	-6.0	20.0
Methacrylonitrile	Ave	0.1293	0.1246		193	200	-3.7	20.0
Chloroform	Ave	0.5156	0.5104	0.2000	19.8	20.0	-1.0	20.0
Cyclohexane	Ave	0.5150	0.6282	0.1000	24.4	20.0	22.0	50.0
1,1,1-Trichloroethane	Ave	0.3834	0.3667	0.1000	19.1	20.0	-4.4	20.0
Carbon tetrachloride	Ave	0.3242	0.3131	0.1000	19.3	20.0	-3.5	20.0
1,1-Dichloropropene	Ave	0.4018	0.3966		19.7	20.0	-1.3	20.0
2,2,4-Trimethylpentane	Ave	0.5495	0.6761		24.6	20.0	23.0*	20.0
Isobutyl alcohol	Ave	0.5695	0.5756		505	500	1.1	50.0
Benzene	Ave	1.812	1.710	0.5000	18.9	20.0	-5.6	20.0
Isopropyl acetate	Ave	1.119	1.068		19.1	20.0	-4.6	20.0
Tert-amyl methyl ether	Ave	0.9338	0.9011		19.3	20.0	-3.5	20.0
1,2-Dichloroethane	Ave	0.4438	0.4340	0.1000	19.6	20.0	-2.2	20.0
n-Heptane	QuaF		0.2847		19.2	20.0	-3.9	20.0
n-Butanol	Ave	0.2350	0.2067		440	500	-12.1	50.0
Trichloroethene	Ave	0.2701	0.2514	0.2000	18.6	20.0	-6.9	20.0
Ethyl acrylate	Ave	0.7157	0.9316		26.0	20.0	30.2*	20.0
Methylcyclohexane	QuaF		0.4031	0.1000	19.7	20.0	-1.7	50.0
1,2-Dichloropropane	Ave	0.3492	0.3179	0.1000	18.2	20.0	-9.0	20.0
Methyl methacrylate	Ave	0.0633	0.0600		37.9	40.0	-5.3	20.0
1,4-Dioxane	Ave	0.9430	1.023		434	400	8.5	50.0
n-Propyl acetate	Ave	0.5294	0.5100		19.3	20.0	-3.7	20.0
Dibromomethane	Ave	0.1822	0.1677		18.4	20.0	-8.0	20.0
Bromodichloromethane	Ave	0.3859	0.3577	0.2000	18.5	20.0	-7.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1959	0.1786		18.2	20.0	-8.8	20.0
2-Nitropropane	Ave	0.0890	0.0767		34.5	40.0	-13.8	20.0
Epichlorohydrin	Ave	0.1969	0.1918		390	400	-2.6	20.0
cis-1,3-Dichloropropene	Ave	0.6886	0.6757	0.2000	19.6	20.0	-1.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.346	2.241	0.0500	95.5	100	-4.5	50.0
Toluene	Ave	1.732	1.616	0.4000	18.7	20.0	-6.7	20.0
trans-1,3-Dichloropropene	Ave	0.6163	0.6002	0.1000	19.5	20.0	-2.6	50.0
Ethyl methacrylate	Ave	0.3712	0.3471		18.7	20.0	-6.5	20.0
1,1,2-Trichloroethane	Ave	0.3304	0.3080	0.1000	18.6	20.0	-6.8	20.0
Tetrachloroethene	Ave	0.2989	0.3017	0.2000	20.2	20.0	0.9	20.0
1,3-Dichloropropane	Ave	0.6842	0.6231		18.2	20.0	-8.9	20.0
2-Hexanone	Ave	1.529	1.418	0.0500	92.8	100	-7.2	50.0
n-Butyl acetate	Ave	0.1173	0.1073		18.3	20.0	-8.5	20.0
Dibromochloromethane	Ave	0.3505	0.3304	0.1000	18.9	20.0	-5.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-359204/2 Calibration Date: 03/28/2016 20:44
 Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48
 Lab File ID: A19667.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
1,2-Dibromoethane	Ave	0.3391	0.3136	0.1000	18.5	20.0	-7.5	20.0
Chlorobenzene	Ave	1.005	0.9340	0.5000	18.6	20.0	-7.1	20.0
Ethylbenzene	Ave	0.5414	0.5142	0.1000	19.0	20.0	-5.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3547	0.3261		18.4	20.0	-8.1	20.0
m&p-Xylene	Ave	0.6555	0.6475	0.1000	19.8	20.0	-1.2	20.0
n-Butyl acrylate	Ave	0.3307	0.3006		18.2	20.0	-9.1	20.0
o-Xylene	Ave	0.6837	0.6655	0.3000	19.5	20.0	-2.7	20.0
Styrene	Ave	1.108	1.075	0.3000	19.4	20.0	-2.9	20.0
Amyl acetate (mixed isomers)	Ave	2.137	2.025		19.0	20.0	-5.2	20.0
Bromoform	Ave	0.1899	0.1821	0.1000	19.2	20.0	-4.1	20.0
Isopropylbenzene	Ave	1.760	1.712	0.1000	19.5	20.0	-2.7	20.0
1,1,2,2-Tetrachloroethane	Ave	1.083	0.9868	0.3000	18.2	20.0	-8.8	20.0
Bromobenzene	Ave	0.7398	0.6714		18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	4.401	4.376		19.9	20.0	-0.6	20.0
1,2,3-Trichloropropane	Ave	0.2615	0.2470		18.9	20.0	-5.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1773	0.3467		39.1	20.0	95.5*	20.0
4-Ethyltoluene	Ave	3.408	3.427		20.1	20.0	0.6	20.0
2-Chlorotoluene	Ave	3.056	2.940		19.2	20.0	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.784	2.785		20.0	20.0	0.0	20.0
4-Chlorotoluene	Ave	2.597	2.607		20.1	20.0	0.4	20.0
Butyl Methacrylate	Ave	1.083	1.044		19.3	20.0	-3.6	20.0
tert-Butylbenzene	Ave	2.182	2.128		19.5	20.0	-2.5	20.0
1,2,4-Trimethylbenzene	Ave	2.957	2.901		19.6	20.0	-1.9	20.0
sec-Butylbenzene	Ave	3.607	3.591		19.9	20.0	-0.4	20.0
4-Isopropyltoluene	Ave	2.976	2.957		19.9	20.0	-0.6	20.0
1,3-Dichlorobenzene	Ave	1.472	1.408	0.6000	19.1	20.0	-4.3	20.0
1,4-Dichlorobenzene	Ave	1.537	1.468	0.5000	19.1	20.0	-4.5	20.0
Benzyl chloride	Ave	1.857	1.858		20.0	20.0	0.0	50.0
Indan	Ave	3.326	3.257		19.6	20.0	-2.1	20.0
p-Diethylbenzene	Ave	1.854	1.939		20.9	20.0	4.6	20.0
n-Butylbenzene	Ave	1.722	1.857		21.6	20.0	7.9	20.0
1,2-Dichlorobenzene	Ave	1.502	1.374	0.4000	18.3	20.0	-8.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.821	2.647		18.8	20.0	-6.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1974	0.1824	0.0500	18.5	20.0	-7.6	50.0
1,3,5-Trichlorobenzene	Ave	0.9937	0.9510		19.1	20.0	-4.3	20.0
1,2,4-Trichlorobenzene	Ave	0.8698	0.8007	0.2000	18.4	20.0	-7.9	20.0
Hexachlorobutadiene	Ave	0.3064	0.3210		21.0	20.0	4.8	20.0
Naphthalene	Ave	2.224	1.938		17.4	20.0	-12.9	50.0
1,2,3-Trichlorobenzene	Ave	0.7087	0.6459		18.2	20.0	-8.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2576	0.2552		49.5	50.0	-0.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3911	0.3821		48.9	50.0	-2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-110867-1
SDG No.: _____
Lab Sample ID: CCVIS 460-359204/2 Calibration Date: 03/28/2016 20:44
Instrument ID: CVOAMS1 Calib Start Date: 03/25/2016 06:15
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 03/25/2016 08:48
Lab File ID: A19667.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
Toluene-d8 (Surr)	Ave	1.466	1.474		50.3	50.0	0.6	20.0
4-Bromofluorobenzene	Ave	0.3434	0.3473		50.6	50.0	1.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19667.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 28-Mar-2016 20:44:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0039108-002
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub36
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 13:44:18 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 22:48:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.590	0.000	91	15497	20.0	21.8	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	107778	20.0	21.6	
4 Chloromethane	50	1.810	1.810	0.000	99	115836	20.0	20.3	
5 Vinyl chloride	62	1.901	1.901	0.000	98	99281	20.0	20.4	
6 Butadiene	54	1.926	1.926	0.000	98	85907	20.0	18.4	
7 Bromomethane	94	2.236	2.236	0.000	98	53388	20.0	20.2	
8 Chloroethane	64	2.316	2.316	0.000	100	48845	20.0	19.7	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	122973	20.0	20.5	
10 Trichlorofluoromethane	101	2.535	2.535	0.000	67	89915	20.0	22.3	
12 Pentane	72	2.560	2.560	0.000	98	21403	40.0	46.3	
13 Ethyl ether	59	2.767	2.767	0.000	92	47894	20.0	19.4	
14 Ethanol	46	2.773	2.773	0.000	75	11008	800.0	894.2	
15 2-Methyl-1,3-butadiene	53	2.797	2.797	0.000	96	52273	20.0	20.3	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.840	0.000	98	41376	20.0	21.8	
17 1,1,2-Trichloro-1,2,2-trif	101	2.992	2.992	0.000	37	51707	20.0	23.7	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	92	47289	20.0	19.9	
19 Acetone	43	3.084	3.084	0.000	86	101299	100.0	86.3	
20 Iodomethane	142	3.163	3.163	0.000	98	74751	20.0	19.9	
22 Isopropyl alcohol	45	3.175	3.175	0.000	1	55855	200.0	393.2	
21 Carbon disulfide	76	3.194	3.194	0.000	100	200569	20.0	20.5	
23 3-Chloro-1-propene	76	3.322	3.322	0.000	73	35890	20.0	21.0	
26 Acetonitrile	41	3.322	3.322	0.000	56	230772	200.0	494.0	
24 Methyl acetate	43	3.334	3.334	0.000	98	254831	100.0	98.9	
25 Cyclopentene	67	3.346	3.346	0.000	88	150939	20.0	21.1	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	258120	1000.0	1000.0	
27 Methylene Chloride	84	3.468	3.468	0.000	97	59996	20.0	19.4	
29 2-Methyl-2-propanol	59	3.529	3.529	0.000	91	58532	200.0	200.8	
11 Acrolein	56	3.626	3.626	0.000	30	10468	40.0	64.1	
30 Methyl tert-butyl ether	73	3.633	3.633	0.000	98	149090	20.0	18.7	
31 trans-1,2-Dichloroethene	96	3.633	3.633	0.000	82	50007	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.706	0.000	93	247271	200.0	191.1	
33 Hexane	43	3.779	3.779	0.000	95	64165	20.0	20.5	
34 Isopropyl ether	45	3.992	3.992	0.000	89	215132	20.0	19.2	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	99	106386	20.0	19.0	
36 Vinyl acetate	86	4.023	4.023	0.000	100	17348	40.0	40.8	
37 2-Chloro-1,3-butadiene	88	4.047	4.047	0.000	93	42312	20.0	20.6	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	158794	20.0	18.8	
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	345359	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	87	12768	20.0	20.6	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	88	50891	20.0	19.4	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	28009	100.0	90.5	
43 Ethyl acetate	70	4.480	4.480	0.000	93	9466	40.0	36.5	
44 Methyl acrylate	55	4.529	4.529	0.000	97	47937	20.0	18.1	
45 Propionitrile	54	4.596	4.596	0.000	98	85333	200.0	192.4	
47 Chlorobromomethane	128	4.657	4.657	0.000	93	21505	20.0	19.2	
46 Tetrahydrofuran	72	4.657	4.657	0.000	64	13407	40.0	37.6	
48 Methacrylonitrile	67	4.675	4.675	0.000	97	212361	200.0	192.7	
49 Chloroform	83	4.693	4.693	0.000	97	86989	20.0	19.8	
50 Cyclohexane	56	4.809	4.809	0.000	97	107069	20.0	24.4	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	87	62505	20.0	19.1	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	108727	50.0	49.5	
54 Carbon tetrachloride	117	4.913	4.913	0.000	95	53360	20.0	19.3	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	91	67594	20.0	19.7	
57 Isooctane	57	5.059	5.059	0.000	98	115244	20.0	24.6	
58 Benzene	78	5.096	5.096	0.000	99	189776	20.0	18.9	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	162812	50.0	48.9	
56 Isobutyl alcohol	43	5.065	5.065	0.000	44	74281	500.0	505.3	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	181983	20.0	19.1	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	91	153585	20.0	19.3	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	96	73974	20.0	19.6	
63 n-Heptane	71	5.199	5.199	0.000	97	48527	20.0	19.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	426124	50.0	50.0	
65 n-Butanol	56	5.522	5.522	0.000	92	26673	500.0	439.7	
66 Trichloroethene	95	5.577	5.577	0.000	92	42856	20.0	18.6	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	158798	20.0	26.0	
68 Methylcyclohexane	83	5.687	5.687	0.000	88	68702	20.0	19.7	
69 1,2-Dichloropropane	63	5.815	5.815	0.000	93	54191	20.0	18.2	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	19352	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	20450	40.0	37.9	
73 1,4-Dioxane	88	5.894	5.894	0.000	28	7922	400.0	434.1	
72 n-Propyl acetate	43	5.894	5.894	0.000	98	86933	20.0	19.3	
74 Dibromomethane	93	5.919	5.919	0.000	89	28578	20.0	18.4	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	60962	20.0	18.5	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	85	30443	20.0	18.2	
77 2-Nitropropane	41	6.327	6.327	0.000	86	26143	40.0	34.5	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	105969	400.0	389.6	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	96	74984	20.0	19.6	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	309584	100.0	95.5	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	409022	50.0	50.3	
82 Toluene	91	6.723	6.723	0.000	92	179299	20.0	18.7	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	66600	20.0	19.5	
84 Ethyl methacrylate	69	6.973	6.973	0.000	89	59168	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.107	7.107	0.000	93	34179	20.0	18.6	
86 Tetrachloroethene	166	7.144	7.144	0.000	91	33476	20.0	20.2	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	69146	20.0	18.2	
88 2-Hexanone	43	7.272	7.272	0.000	99	195874	100.0	92.8	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	11905	20.0	18.3	
90 Chlorodibromomethane	129	7.388	7.388	0.000	96	36661	20.0	18.9	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	34800	20.0	18.5	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	93	277417	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	103640	20.0	18.6	
94 Ethylbenzene	106	7.851	7.851	0.000	100	57059	20.0	19.0	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.863	0.000	92	36186	20.0	18.4	
96 m-Xylene & p-Xylene	106	7.930	7.930	0.000	98	71851	20.0	19.8	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	33359	20.0	18.2	
98 o-Xylene	106	8.187	8.187	0.000	92	73845	20.0	19.5	
99 Styrene	104	8.205	8.205	0.000	92	119322	20.0	19.4	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	118130	20.0	19.0	
101 Bromoform	173	8.345	8.345	0.000	89	20203	20.0	19.2	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	189941	20.0	19.5	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	96335	50.0	50.6	
104 Bromobenzene	156	8.619	8.619	0.000	89	39161	20.0	18.2	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	99	57558	20.0	18.2	
106 N-Propylbenzene	91	8.644	8.644	0.000	97	255259	20.0	19.9	
107 1,2,3-Trichloropropane	110	8.662	8.662	0.000	92	14404	20.0	18.9	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.662	0.000	75	20221	20.0	39.1	
109 4-Ethyltoluene	105	8.711	8.711	0.000	97	199906	20.0	20.1	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	171499	20.0	19.2	
111 1,3,5-Trimethylbenzene	105	8.747	8.747	0.000	91	162430	20.0	20.0	
112 Butyl Methacrylate	87	8.784	8.784	0.000	69	60919	20.0	19.3	
113 4-Chlorotoluene	91	8.784	8.784	0.000	97	152064	20.0	20.1	
114 tert-Butylbenzene	119	8.924	8.924	0.000	89	124146	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	8.961	8.961	0.000	98	169178	20.0	19.6	
116 sec-Butylbenzene	105	9.046	9.046	0.000	98	209428	20.0	19.9	
117 4-Isopropyltoluene	119	9.125	9.125	0.000	97	172478	20.0	19.9	
118 1,3-Dichlorobenzene	146	9.144	9.144	0.000	91	82144	20.0	19.1	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.186	0.000	96	145816	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.199	0.000	89	85621	20.0	19.1	
121 Benzyl chloride	91	9.284	9.284	0.000	97	108387	20.0	20.0	
122 2,3-Dihydroindene	117	9.333	9.333	0.000	92	189948	20.0	19.6	
123 p-Diethylbenzene	119	9.345	9.345	0.000	89	113085	20.0	20.9	
124 n-Butylbenzene	92	9.363	9.363	0.000	69	108340	20.0	21.6	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	90	80166	20.0	18.3	
126 1,2,4,5-Tetramethylbenzene	119	9.839	9.839	0.000	96	154388	20.0	18.8	
127 1,2-Dibromo-3-Chloropropan	75	9.936	9.936	0.000	85	10641	20.0	18.5	
128 1,3,5-Trichlorobenzene	180	10.028	10.028	0.000	93	55467	20.0	19.1	
129 1,2,4-Trichlorobenzene	180	10.509	10.509	0.000	91	46703	20.0	18.4	
130 Hexachlorobutadiene	225	10.589	10.589	0.000	83	18720	20.0	21.0	
131 Naphthalene	128	10.741	10.741	0.000	98	113033	20.0	17.4	
132 1,2,3-Trichlorobenzene	180	10.948	10.948	0.000	92	37675	20.0	18.2	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 134 Xylenes, Total	100				0		40.0	39.2	
S 135 Total BTEX	1				0		100.0	95.8	

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39108.b\\A19667.D

Injection Date: 28-Mar-2016 20:44:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

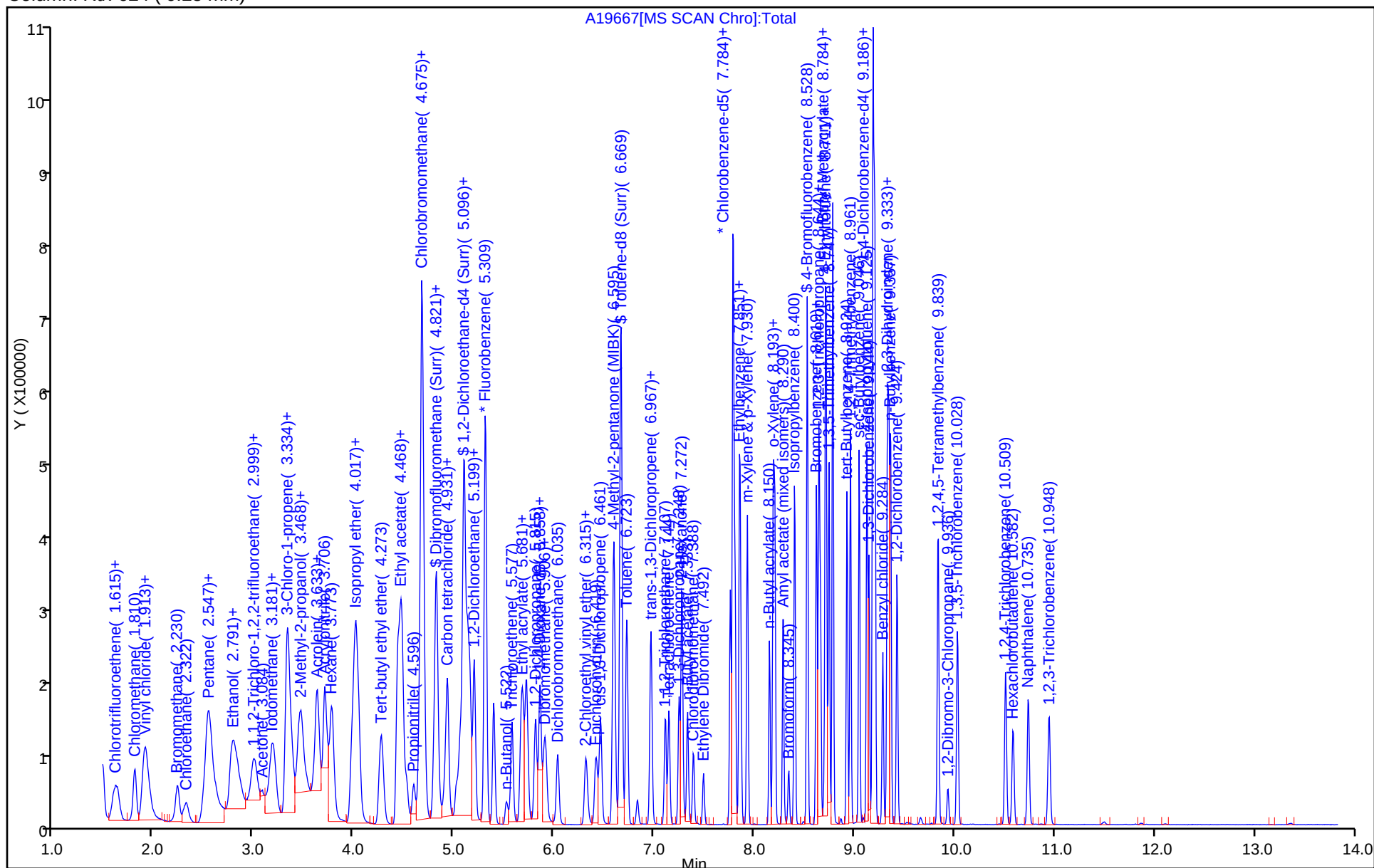
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19533.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 25-Mar-2016 05:05:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0038955-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Mar-2016 12:51:24 Calib Date: 25-Mar-2016 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 136 BFB	95	2.822	2.822	0.000	77	23068	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00010

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19533.D

Injection Date: 25-Mar-2016 05:05:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 100 Worklist Smp#: 1

Injection Vol: 5.0 mL

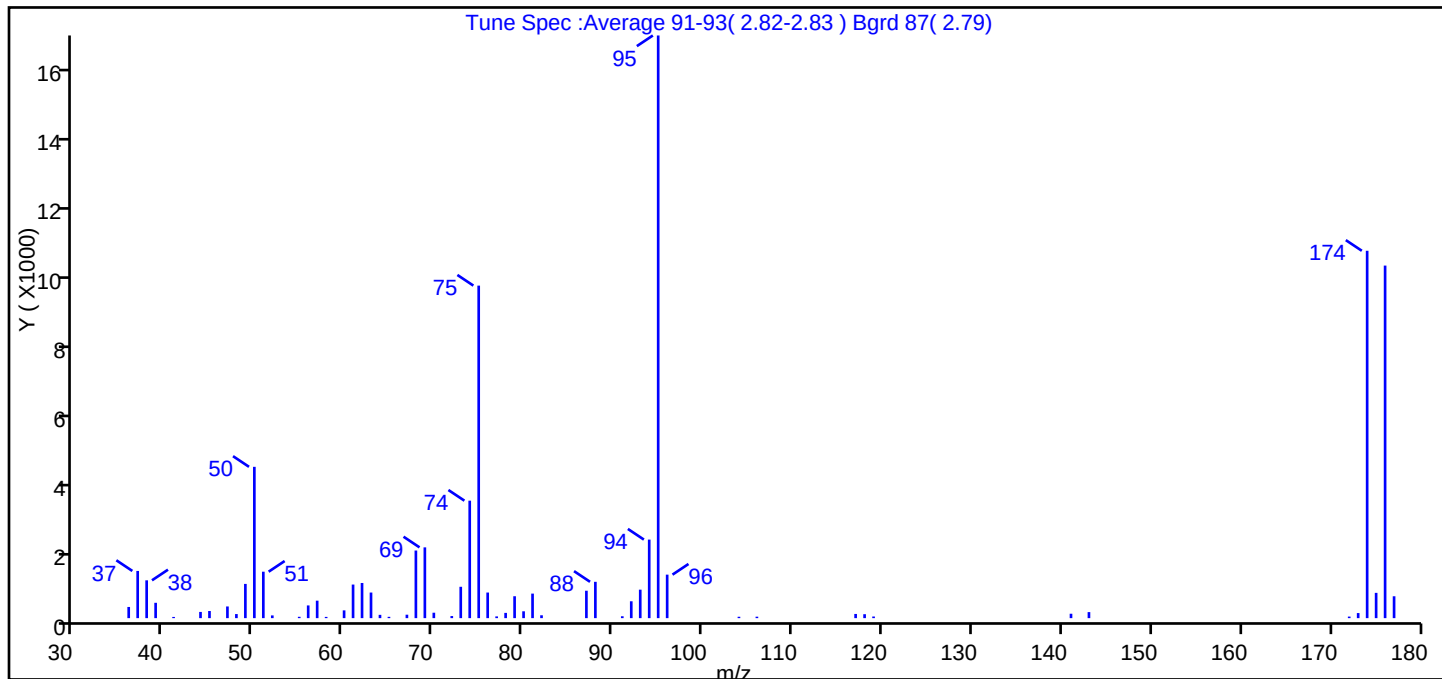
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	26.0
75	30 to 60% of m/z 95	57.1
96	5 to 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.9 (1.4)
174	50 to 120% of m/z 95	63.0
175	5 to 9% of m/z 174	4.3 (6.9)
176	Greater than 95% but less than 101% of m/z 174	60.5 (96.0)
177	5 to 9% of m/z 176	3.8 (6.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19533.D\8260624W_1.rslt\spectra.d
Injection Date: 25-Mar-2016 05:05:30
Spectrum: Tune Spec :Average 91-93(2.82-2.83) Bgrd 87(2.79)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	315	57.00	492	75.00	9364	96.00	1225
37.00	1329	58.00	35	76.00	721	104.00	39
38.00	1065	60.00	219	77.00	49	106.00	41
39.00	432	61.00	946	78.00	148	117.00	118
41.00	34	62.00	990	79.00	617	118.00	111
44.00	175	63.00	721	80.00	193	119.00	46
45.00	201	64.00	93	81.00	691	141.00	124
47.00	329	65.00	37	82.00	81	143.00	170
48.00	115	67.00	97	87.00	772	172.00	44
49.00	964	68.00	1904	88.00	1023	173.00	143
50.00	4261	69.00	1993	91.00	53	174.00	10345
51.00	1308	70.00	153	92.00	475	175.00	712
52.00	77	72.00	59	93.00	802	176.00	9928
55.00	38	73.00	883	94.00	2212	177.00	616
56.00	358	74.00	3308	95.00	16408		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19580.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Mar-2016 06:41:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0039013-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Mar-2016 09:48:00 Calib Date: 25-Mar-2016 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: desais

Date: 26-Mar-2016 06:50:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 136 BFB	95	2.804	2.804	0.000	78	68674	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00010

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19580.D

Injection Date: 26-Mar-2016 06:41:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 100 Worklist Smp#: 1

Injection Vol: 5.0 mL

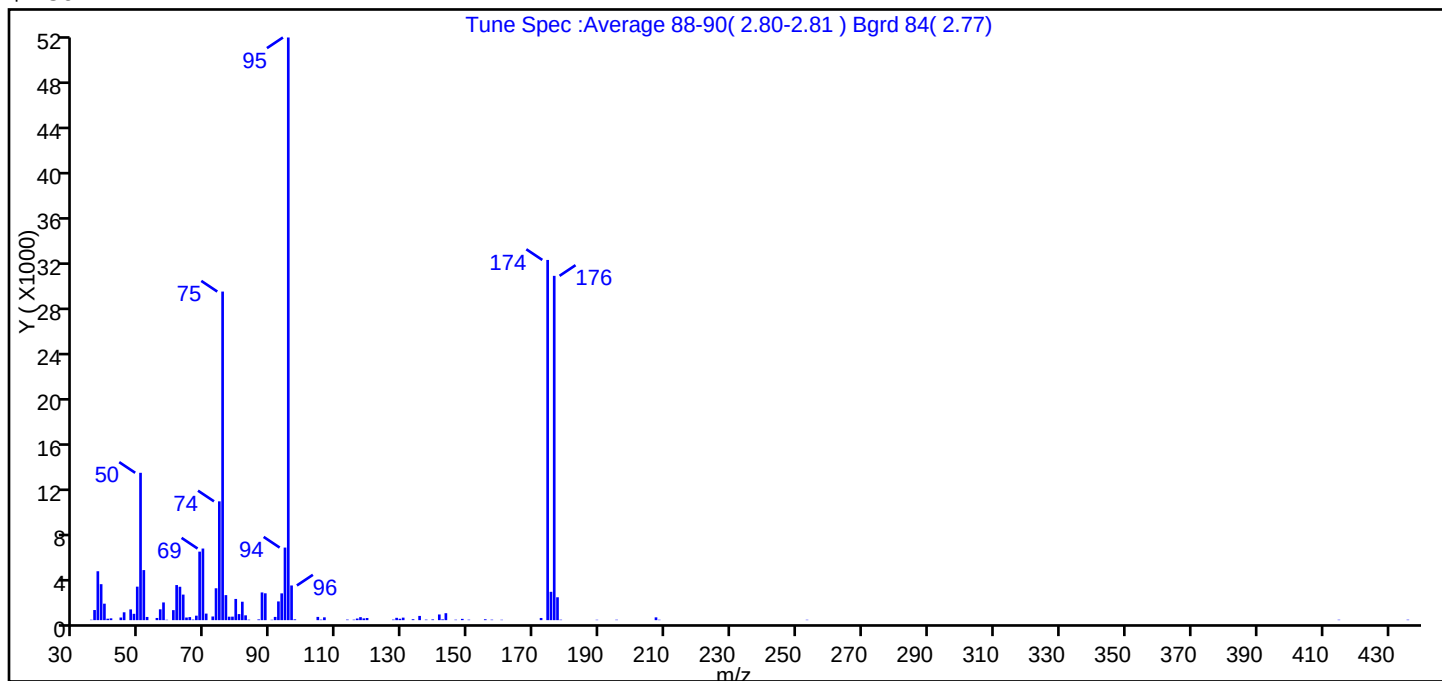
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.3
75	30 to 60% of m/z 95	56.4
96	5 to 9% of m/z 95	6.0
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	61.8
175	5 to 9% of m/z 174	4.9 (7.9)
176	Greater than 95% but less than 101% of m/z 174	59.1 (95.6)
177	5 to 9% of m/z 176	3.9 (6.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19580.D\8260624W_1.rslt\spectra.d
Injection Date: 26-Mar-2016 06:41:30
Spectrum: Tune Spec :Average 88-90(2.80-2.81) Bgrd 84(2.77)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	37	64.00	235	92.00	1667	142.00	70
36.00	900	65.00	272	93.00	2385	143.00	619
37.00	4354	66.00	52	94.00	6461	146.00	39
38.00	3203	67.00	398	95.00	51880	148.00	113
39.00	1466	68.00	6100	96.00	3087	150.00	41
40.00	128	69.00	6375	97.00	70	155.00	77
41.00	161	70.00	584	104.00	288	157.00	42
43.00	1	72.00	326	105.00	46	160.00	33
44.00	234	73.00	2838	106.00	251	172.00	193
45.00	699	74.00	10578	113.00	50	174.00	32072
47.00	957	75.00	29256	115.00	42	175.00	2522
48.00	563	76.00	2228	116.00	144	176.00	30656
49.00	2982	77.00	307	117.00	265	177.00	2036
50.00	13120	78.00	312	118.00	156	178.00	39
51.00	4456	79.00	1888	119.00	190	189.00	33
52.00	284	80.00	539	127.00	48	195.00	37
55.00	194	81.00	1640	128.00	207	207.00	248
56.00	965	82.00	429	129.00	126	208.00	34
57.00	1577	83.00	41	130.00	224	253.00	33
58.00	35	86.00	66	133.00	82	415.00	36
60.00	890	87.00	2467	135.00	376	436.00	39
61.00	3124	88.00	2389	137.00	47		
62.00	2972	90.00	34	139.00	67		
63.00	2275	91.00	288	141.00	505		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19635.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Mar-2016 07:51:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0039079-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Mar-2016 18:30:25 Calib Date: 25-Mar-2016 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: starzecm

Date: 28-Mar-2016 18:30:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 136 BFB	95	2.810	2.810	0.000	78	87600	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00010

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19635.D

Injection Date: 28-Mar-2016 07:51:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 100

Worklist Smp#: 1

Injection Vol: 5.0 mL

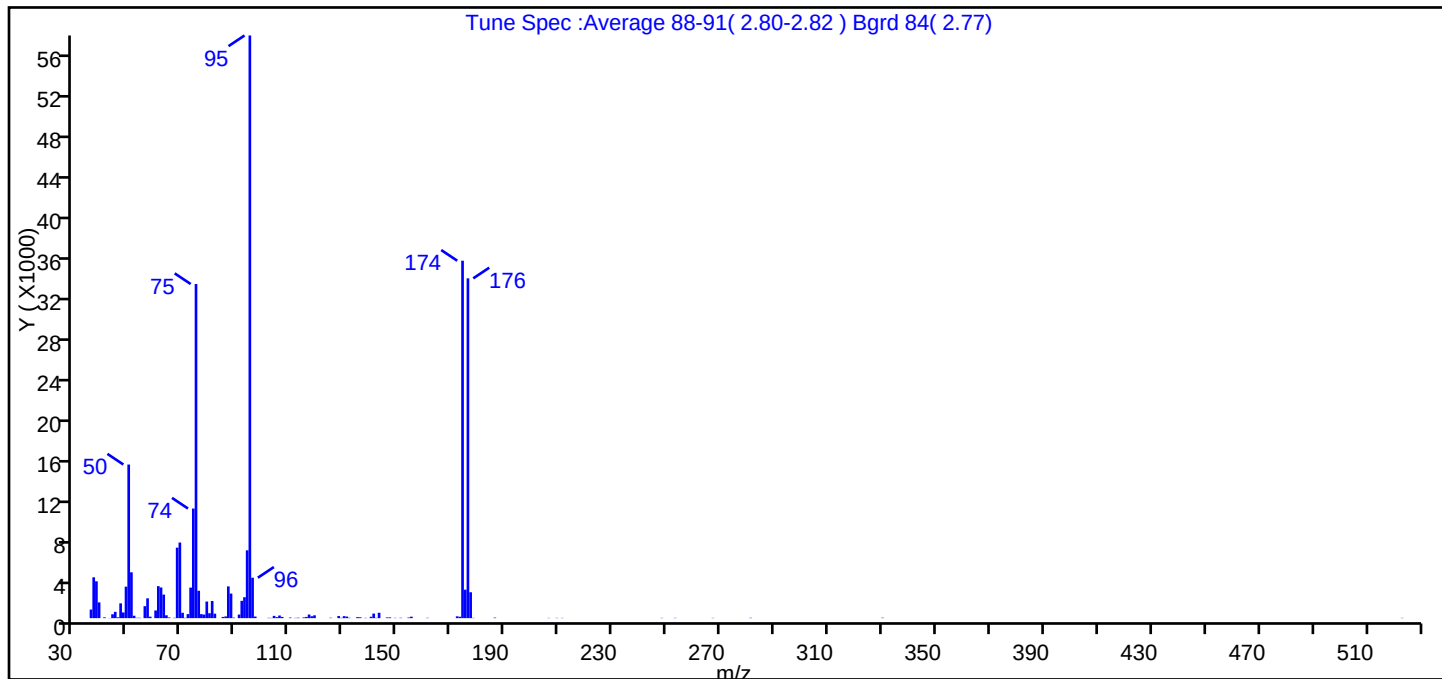
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	26.4
75	30 to 60% of m/z 95	57.3
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.2 (0.4)
174	50 to 120% of m/z 95	61.3
175	5 to 9% of m/z 174	4.9 (8.0)
176	Greater than 95% but less than 101% of m/z 174	58.3 (95.1)
177	5 to 9% of m/z 176	4.4 (7.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19635.D\8260624W_1.rslt\spectra.d
Injection Date: 28-Mar-2016 07:51:30
Spectrum: Tune Spec :Average 88-91(2.80-2.82) Bgrd 84(2.77)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 105

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	847	68.00	6939	102.00	32	146.00	68
37.00	4021	69.00	7444	103.00	25	147.00	73
38.00	3626	70.00	528	104.00	223	149.00	28
39.00	1550	71.00	36	105.00	99	151.00	36
41.00	81	72.00	396	106.00	258	154.00	60
43.00	18	73.00	3006	107.00	120	155.00	144
44.00	383	74.00	10791	110.00	60	161.00	34
45.00	620	75.00	32896	112.00	27	172.00	178
46.00	83	76.00	2697	113.00	42	173.00	137
47.00	1457	77.00	394	115.00	66	174.00	35192
48.00	559	78.00	352	116.00	119	175.00	2801
49.00	3099	79.00	1635	117.00	355	176.00	33456
50.00	15124	80.00	483	118.00	187	177.00	2549
51.00	4514	81.00	1689	119.00	277	178.00	27
52.00	237	82.00	437	125.00	40	186.00	54
53.00	29	85.00	118	128.00	206	206.00	25
54.00	35	86.00	167	129.00	32	209.00	27
56.00	1180	87.00	3126	130.00	195	211.00	25
57.00	1952	88.00	2420	131.00	154	248.00	27
58.00	143	89.00	51	132.00	34	253.00	28
60.00	755	91.00	353	135.00	102	267.00	26
61.00	3148	92.00	1704	136.00	80	281.00	35
62.00	3019	93.00	2060	138.00	28	330.00	41
63.00	2318	94.00	6677	140.00	136	523.00	27
64.00	280	95.00	57368	141.00	449		
65.00	68	96.00	3980	142.00	31		
67.00	35	97.00	156	143.00	530		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19666.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Mar-2016 20:17:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0039108-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2016 11:16:48 Calib Date: 25-Mar-2016 08:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: desais

Date: 29-Mar-2016 11:13:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 136 BFB	95	2.810	2.810	0.000	77	27469	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00010

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19666.D

Injection Date: 28-Mar-2016 20:17:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 100

Worklist Smp#: 1

Injection Vol: 5.0 mL

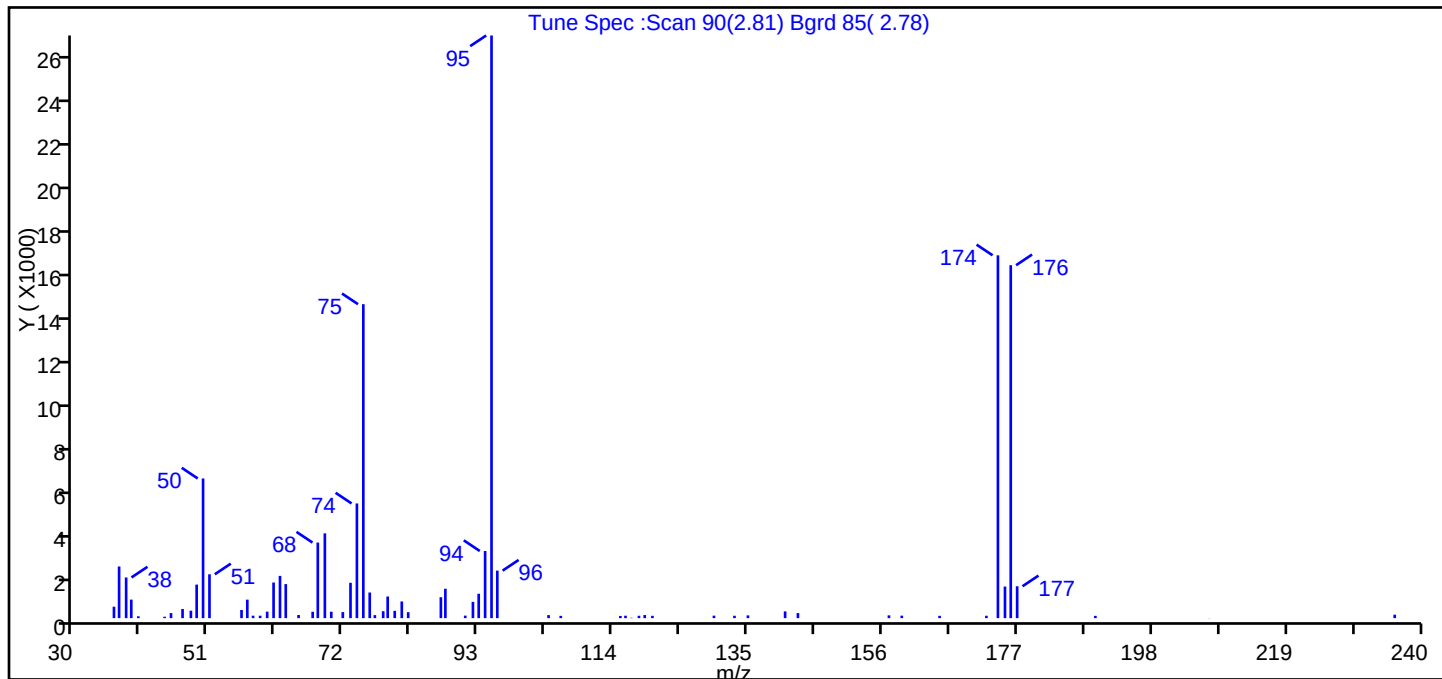
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.0
75	30 to 60% of m/z 95	53.9
96	5 to 9% of m/z 95	8.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	62.3
175	5 to 9% of m/z 174	5.4 (8.7)
176	Greater than 95% but less than 101% of m/z 174	60.6 (97.3)
177	5 to 9% of m/z 176	5.5 (9.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19666.D\8260624W_1.rslt\spectra.d
Injection Date: 28-Mar-2016 20:17:30
Spectrum: Tune Spec :Scan 90(2.81) Bgrd 85(2.78)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	517	61.00	1611	81.00	754	120.10	105
36.90	2335	62.00	1910	82.00	270	129.70	113
38.00	1839	62.90	1539	87.10	946	132.90	108
38.80	838	64.90	142	87.80	1329	135.00	125
39.90	83	67.10	289	90.90	114	140.80	306
44.00	64	67.90	3417	92.10	736	142.80	230
45.00	229	69.00	3833	93.00	1102	157.00	126
46.80	415	70.00	291	94.00	3034	159.00	113
48.10	337	71.80	274	95.00	26336	164.90	104
49.00	1516	73.00	1597	95.90	2148	172.20	108
50.00	6313	74.00	5184	103.90	138	174.00	16400
51.00	1982	75.00	14191	105.80	104	175.10	1428
56.00	368	76.00	1159	115.10	100	176.00	15952
56.90	836	76.80	137	115.90	110	177.00	1441
57.80	111	78.10	313	116.80	16	189.20	103
58.90	110	78.80	978	118.00	108	207.00	6
60.00	294	79.90	331	118.90	141	235.90	156

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-358833/7
 Matrix: Water Lab File ID: A19586.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 09:22
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-358833/7
 Matrix: Water Lab File ID: A19586.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 09:22
 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.: 358833 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-137
2037-26-5	Toluene-d8 (Surr)	101		74-120
460-00-4	4-Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19586.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Mar-2016 09:22:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0039013-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 26-Mar-2016 11:38:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	245638	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	319824	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	102908	50.0	49.9	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	159200	50.0	50.8	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	400308	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	18330	1000.0	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	98	378936	50.0	50.5	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	94	255867	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	78	87806	50.0	50.0	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	97	132767	50.0	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19586.D

Injection Date: 26-Mar-2016 09:22:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

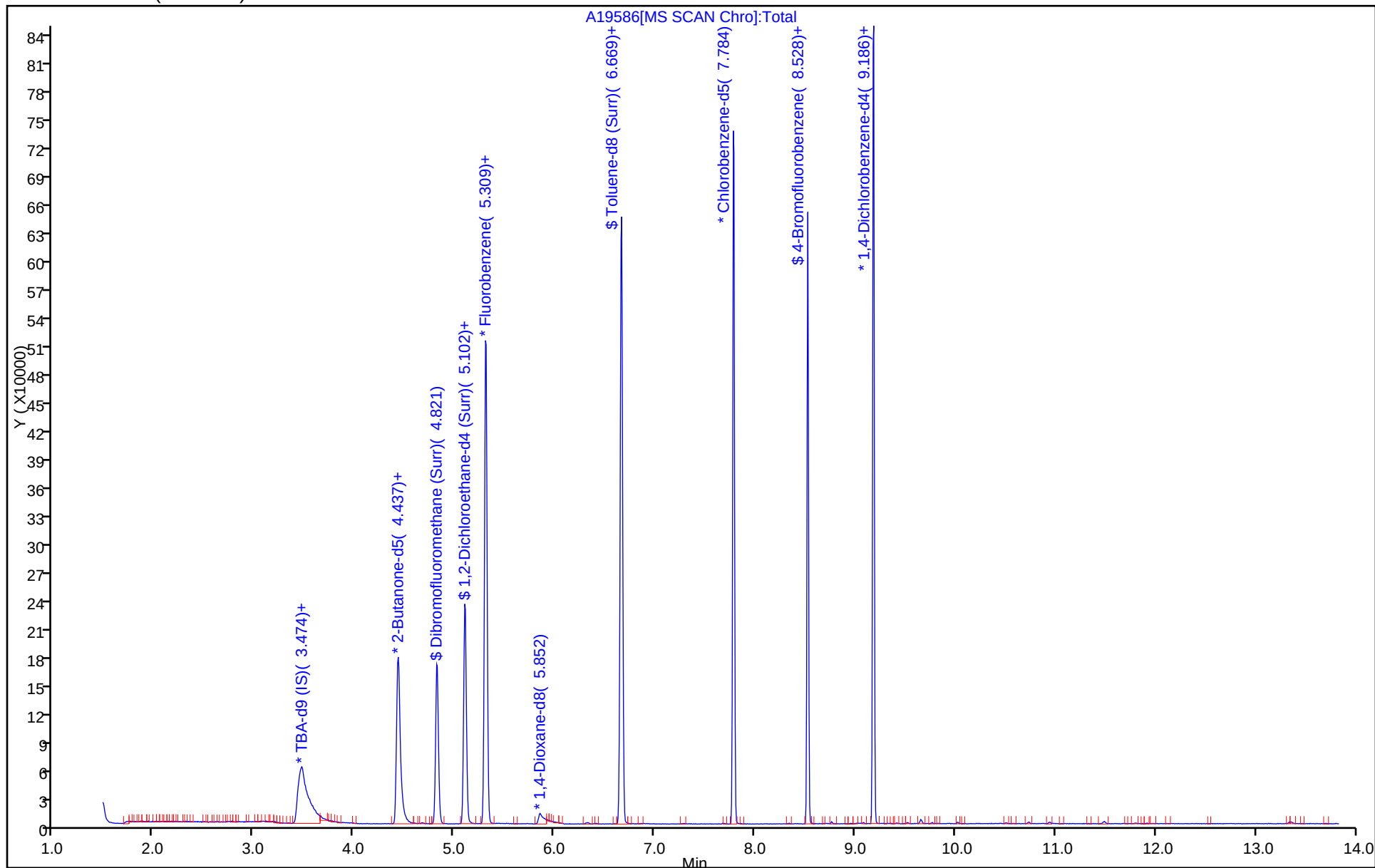
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-359095/7

Matrix: Water Lab File ID: A19641.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 11:12

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.: 359095 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-359095/7
 Matrix: Water Lab File ID: A19641.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 11:12
 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.: 359095 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	98		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19641.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 28-Mar-2016 11:12:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BLANK
 Misc. Info.: 460-0039079-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 14:54:10 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: baronm

Date: 29-Mar-2016 14:54:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.456	0.018	0	256279	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	349380	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	113291	50.0	49.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	170375	50.0	48.8	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	446719	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	16782	1000.0	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	416857	50.0	50.2	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	283084	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.534	8.534	0.000	83	96722	50.0	49.7	
* 119 1,4-Dichlorobenzene-d4	152	9.193	9.193	0.000	97	145026	50.0	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19641.D

Injection Date: 28-Mar-2016 11:12:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

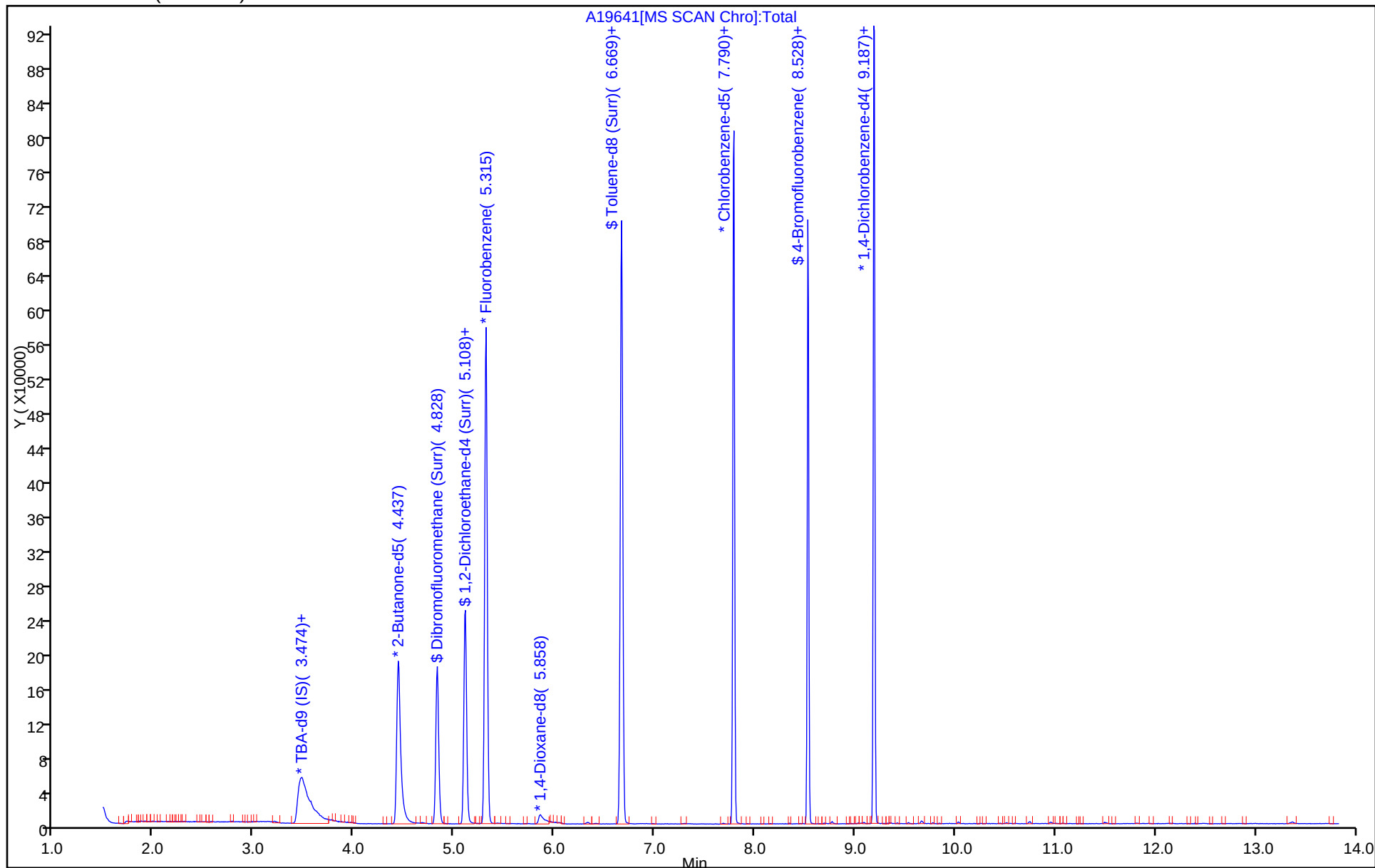
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-359204/7

Matrix: Water Lab File ID: A19672.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 22:44

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.: 359204 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.060
75-00-3	Chloroethane	1.0	U	1.0	0.37
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
67-64-1	Acetone	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
67-66-3	Chloroform	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-93-3	2-Butanone	5.0	U	5.0	2.2
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
79-01-6	Trichloroethene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.22
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
71-43-2	Benzene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
591-78-6	2-Hexanone	5.0	U	5.0	0.72
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
108-88-3	Toluene	1.0	U	1.0	0.25
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
100-42-5	Styrene	1.0	U	1.0	0.17
179601-23-1	m&p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-359204/7
 Matrix: Water Lab File ID: A19672.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 22:44
 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.: 359204 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	0.34
75-65-0	TBA	1.0	U	1.0	1.2
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
110-82-7	Cyclohexane	1.0	U	1.0	0.26
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
123-91-1	1,4-Dioxane	50	U	50	8.7
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
74-97-5	Bromochloromethane	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	102		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19672.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 28-Mar-2016 22:44:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0039108-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 11:16:53 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: desais

Date: 29-Mar-2016 11:04:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.456	0.018	0	229227	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	303836	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	98755	50.0	51.0	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	148831	50.0	50.7	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	375593	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14983	1000.0	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	97	356698	50.0	49.7	
* 92 Chlorobenzene-d5	117	7.791	7.790	0.001	93	244511	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	84	83460	50.0	49.7	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	127467	50.0	50.0	

Reagents:

8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39108.b\\A19672.D

Injection Date: 28-Mar-2016 22:44:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

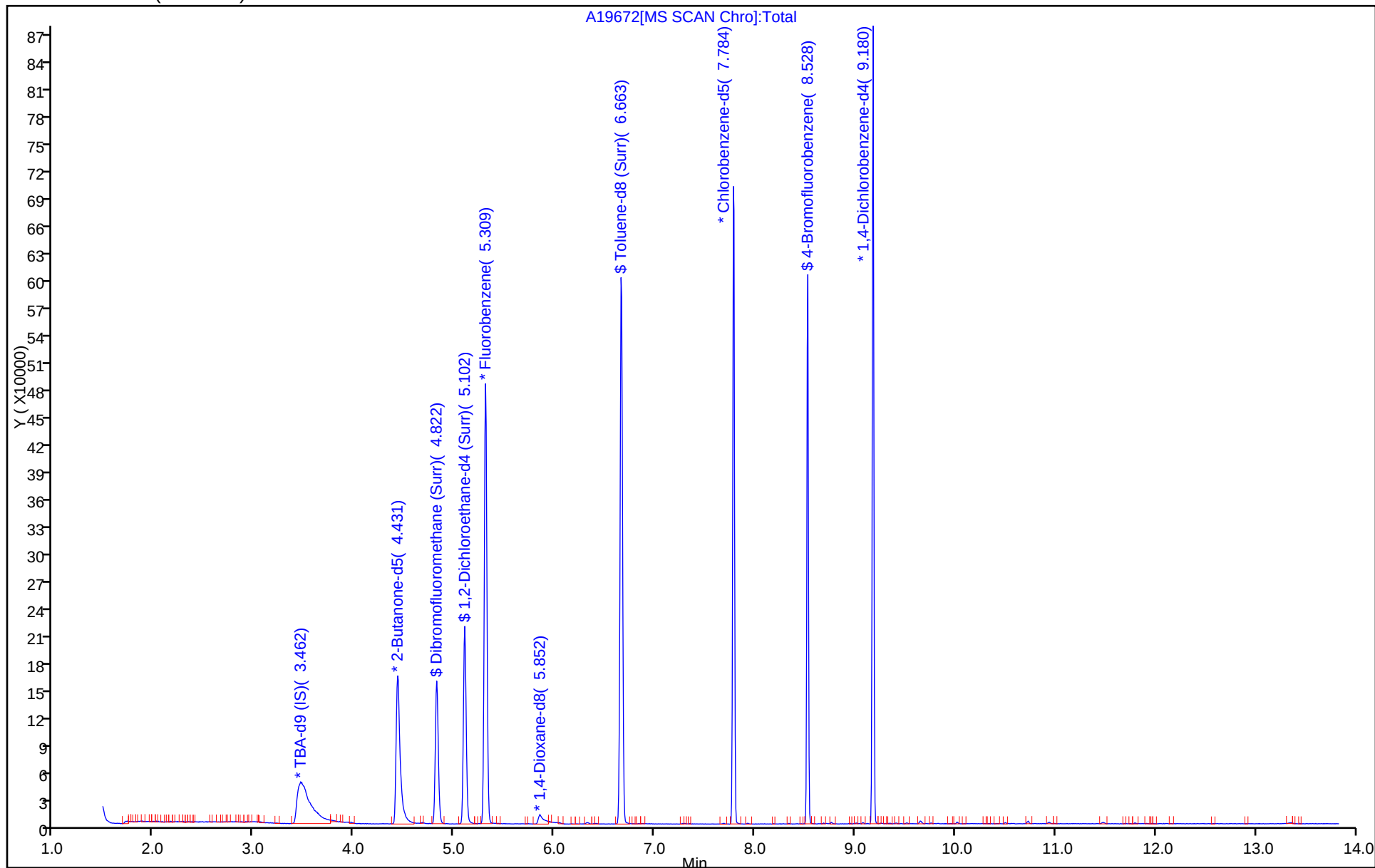
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-358833/3

Matrix: Water Lab File ID: A19582.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 07:39

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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.5		1.0	0.22
74-83-9	Bromomethane	22.5		1.0	0.18
75-01-4	Vinyl chloride	21.8		1.0	0.060
75-00-3	Chloroethane	22.0		1.0	0.37
75-09-2	Methylene Chloride	20.8		1.0	0.21
67-64-1	Acetone	87.4		5.0	1.1
75-15-0	Carbon disulfide	19.5		1.0	0.22
75-69-4	Trichlorofluoromethane	21.4		1.0	0.15
75-35-4	1,1-Dichloroethene	20.6		1.0	0.34
75-34-3	1,1-Dichloroethane	20.1		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.26
67-66-3	Chloroform	20.7		1.0	0.22
107-06-2	1,2-Dichloroethane	20.4		1.0	0.25
78-93-3	2-Butanone	94.3		5.0	2.2
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.28
56-23-5	Carbon tetrachloride	19.0		1.0	0.33
75-27-4	Bromodichloromethane	19.9		1.0	0.15
78-87-5	1,2-Dichloropropane	20.1		1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	21.7		1.0	0.16
79-01-6	Trichloroethene	19.6		1.0	0.22
124-48-1	Dibromochloromethane	20.7		1.0	0.22
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.080
71-43-2	Benzene	20.0		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	21.8		1.0	0.19
75-25-2	Bromoform	20.4		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	0.63
591-78-6	2-Hexanone	102		5.0	0.72
127-18-4	Tetrachloroethene	20.9		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.19
108-88-3	Toluene	19.9		1.0	0.25
108-90-7	Chlorobenzene	20.0		1.0	0.24
100-41-4	Ethylbenzene	20.5		1.0	0.30
100-42-5	Styrene	21.1		1.0	0.17
179601-23-1	m&p-Xylene	21.0		1.0	0.28
95-47-6	o-Xylene	20.4		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-358833/3
 Matrix: Water Lab File ID: A19582.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 07:39
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.3		1.0	0.34
75-65-0	TBA	208		10	1.2
1634-04-4	Methyl tert-butyl ether	20.4		1.0	0.13
110-82-7	Cyclohexane	21.3		1.0	0.26
106-93-4	1,2-Dibromoethane	20.4		1.0	0.19
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.3		1.0	0.33
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.22
75-71-8	Dichlorodifluoromethane	18.2		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.27
123-91-1	1,4-Dioxane	444		50	8.7
87-61-6	1,2,3-Trichlorobenzene	20.8		1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1.0	0.23
74-97-5	Bromochloromethane	20.6		1.0	0.30
98-82-8	Isopropylbenzene	20.7		1.0	0.32
79-20-9	Methyl acetate	103		5.0	0.58
108-87-2	Methylcyclohexane	16.8		1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-137
2037-26-5	Toluene-d8 (Surr)	101		74-120
460-00-4	4-Bromofluorobenzene	102		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19582.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Mar-2016 07:39:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0039013-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 18:16:14 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: desais

Date: 26-Mar-2016 08:09:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.590	0.013	89	13177	20.0	17.7	
3 Dichlorodifluoromethane	85	1.633	1.627	0.006	99	94908	20.0	18.2	
4 Chloromethane	50	1.810	1.804	0.006	99	134152	20.0	22.5	
5 Vinyl chloride	62	1.908	1.901	0.007	98	111061	20.0	21.8	
6 Butadiene	54	1.926	1.932	-0.006	99	88406	20.0	18.1	
7 Bromomethane	94	2.237	2.236	0.001	99	62034	20.0	22.5	
8 Chloroethane	64	2.322	2.310	0.012	100	56966	20.0	22.0	
9 Dichlorofluoromethane	67	2.529	2.523	0.006	98	142419	20.0	22.7	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	63	90236	20.0	21.4	
12 Pentane	72	2.566	2.566	0.000	97	17800	40.0	36.9	
14 Ethanol	46	2.779	2.767	0.012	75	12074	800.0	1005.2	
13 Ethyl ether	59	2.767	2.767	0.000	92	54777	20.0	21.2	
15 2-Methyl-1,3-butadiene	53	2.792	2.797	-0.005	96	47641	20.0	17.7	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.852	-0.012	94	43713	20.0	22.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.987	2.974	0.013	21	46122	20.0	20.3	
11 Acrolein	56	2.895	2.986	-0.091	27	1372	40.0	6.27	
18 1,1-Dichloroethene	96	3.005	2.992	0.013	94	51185	20.0	20.6	
19 Acetone	43	3.096	3.084	0.012	86	106164	100.0	87.4	
20 Iodomethane	142	3.169	3.163	0.006	99	80780	20.0	20.5	
22 Isopropyl alcohol	45	3.188	3.188	0.000	1	32979	200.0	232.4	M
21 Carbon disulfide	76	3.194	3.200	-0.006	100	199725	20.0	19.5	
23 3-Chloro-1-propene	76	3.322	3.322	0.000	92	38410	20.0	21.5	
24 Methyl acetate	43	3.334	3.334	0.000	99	278449	100.0	103.3	
25 Cyclopentene	67	3.346	3.340	0.006	93	147988	20.0	19.8	
26 Acetonitrile	41	3.413	3.377	0.036	1	114637	200.0	251.2	
27 Methylene Chloride	84	3.462	3.462	0.000	97	67316	20.0	20.8	
* 28 TBA-d9 (IS)	65	3.480	3.468	0.012	0	252085	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.541	0.000	91	59322	200.0	208.4	
30 Methyl tert-butyl ether	73	3.621	3.620	0.001	98	170474	20.0	20.4	
31 trans-1,2-Dichloroethene	96	3.633	3.626	0.007	97	54656	20.0	20.5	
32 Acrylonitrile	53	3.712	3.706	0.006	93	278288	200.0	205.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.779	3.773	0.006	95	54185	20.0	16.5	
34 Isopropyl ether	45	3.986	3.986	0.000	95	243346	20.0	20.8	
35 1,1-Dichloroethane	63	4.011	4.004	0.007	99	117947	20.0	20.1	
36 Vinyl acetate	86	4.023	4.023	0.000	100	19070	40.0	42.8	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	93	44638	20.0	20.8	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	180035	20.0	20.4	
* 39 2-Butanone-d5	46	4.438	4.431	0.007	0	357362	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.462	-0.006	87	13544	20.0	20.9	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	88	53982	20.0	19.7	
43 Ethyl acetate	70	4.480	4.480	0.000	92	10941	40.0	40.7	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	94	30213	100.0	94.3	
44 Methyl acrylate	55	4.529	4.523	0.006	97	57340	20.0	20.7	
45 Propionitrile	54	4.596	4.596	0.000	71	93745	200.0	202.1	
47 Chlorobromomethane	128	4.657	4.651	0.006	93	24111	20.0	20.6	
46 Tetrahydrofuran	72	4.657	4.657	0.000	65	14443	40.0	39.2	
48 Methacrylonitrile	67	4.681	4.675	0.006	97	242366	200.0	210.3	
49 Chloroform	83	4.694	4.693	0.001	98	94987	20.0	20.7	
50 Cyclohexane	56	4.809	4.809	0.000	98	97559	20.0	21.3	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	94	114936	50.0	50.1	
52 1,1,1-Trichloroethane	97	4.822	4.821	0.001	96	69188	20.0	20.2	
54 Carbon tetrachloride	117	4.919	4.913	0.006	95	54894	20.0	19.0	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	92	73917	20.0	20.6	
56 Isobutyl alcohol	43	5.035	5.029	0.006	93	78211	500.0	544.8	
57 Isooctane	57	5.059	5.059	0.000	95	95351	20.0	19.5	
58 Benzene	78	5.090	5.090	0.000	95	208813	20.0	20.0	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	173138	50.0	49.7	
60 Isopropyl acetate	43	5.133	5.132	0.001	95	205767	20.0	20.6	
61 Tert-amyl methyl ether	73	5.139	5.138	0.001	91	173553	20.0	20.9	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	95	80537	20.0	20.4	
63 n-Heptane	71	5.200	5.199	0.001	97	40455	20.0	15.3	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	445605	50.0	50.0	
65 n-Butanol	56	5.523	5.522	0.001	94	31197	500.0	526.6	
66 Trichloroethene	95	5.578	5.571	0.007	92	47245	20.0	19.6	
67 Ethyl acrylate	55	5.669	5.663	0.006	97	140222	20.0	22.0	
68 Methylcyclohexane	83	5.681	5.681	0.000	83	61470	20.0	16.8	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	93	62630	20.0	20.1	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	20279	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	22720	40.0	40.3	
72 n-Propyl acetate	43	5.901	5.894	0.007	98	99709	20.0	21.1	
73 1,4-Dioxane	88	5.907	5.907	0.001	28	8490	400.0	444.0	
74 Dibromomethane	93	5.919	5.913	0.006	88	31931	20.0	19.7	
75 Dichlorobromomethane	83	6.035	6.028	0.007	97	68602	20.0	19.9	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	86	36251	20.0	20.8	
77 2-Nitropropane	41	6.321	6.321	0.000	84	30013	40.0	37.8	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	118899	400.0	422.4	
79 cis-1,3-Dichloropropene	75	6.462	6.461	0.001	95	85902	20.0	21.7	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	345786	100.0	103.1	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	427398	50.0	50.7	
82 Toluene	91	6.724	6.723	0.001	92	198581	20.0	19.9	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	77203	20.0	21.8	
84 Ethyl methacrylate	69	6.968	6.967	0.001	91	67623	20.0	20.4	
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	92	38988	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.144	7.144	0.000	91	36030	20.0	20.9	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	81188	20.0	20.6	
88 2-Hexanone	43	7.272	7.272	0.000	99	222222	100.0	101.7	
89 n-Butyl acetate	73	7.333	7.333	0.000	96	13052	20.0	19.3	
90 Chlorodibromomethane	129	7.388	7.388	0.000	95	41722	20.0	20.7	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	39719	20.0	20.4	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	93	287690	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	89	115536	20.0	20.0	
94 Ethylbenzene	106	7.852	7.851	0.001	100	63943	20.0	20.5	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.863	0.001	92	40452	20.0	19.8	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.001	98	79120	20.0	21.0	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	38731	20.0	20.4	
98 o-Xylene	106	8.187	8.187	0.000	91	80127	20.0	20.4	
99 Styrene	104	8.205	8.205	0.000	89	134185	20.0	21.1	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	135150	20.0	21.1	
101 Bromoform	173	8.339	8.345	-0.006	89	22248	20.0	20.4	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	209426	20.0	20.7	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	100663	50.0	50.9	
104 Bromobenzene	156	8.620	8.619	0.001	91	43471	20.0	19.6	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.619	0.001	98	63897	20.0	19.7	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	279401	20.0	21.1	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	92	16537	20.0	21.1	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	22414	20.0	42.1	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	216847	20.0	21.2	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	193799	20.0	21.1	
111 1,3,5-Trimethylbenzene	105	8.742	8.741	0.001	90	183586	20.0	22.0	
112 Butyl Methacrylate	87	8.778	8.778	0.000	97	70237	20.0	21.6	
113 4-Chlorotoluene	91	8.778	8.778	0.000	99	168583	20.0	21.6	
114 tert-Butylbenzene	119	8.918	8.924	-0.006	90	135688	20.0	20.7	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	187970	20.0	21.2	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	229050	20.0	21.1	
117 4-Isopropyltoluene	119	9.120	9.119	0.001	96	188691	20.0	21.1	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	91	89838	20.0	20.3	
* 119 1,4-Dichlorobenzene-d4	152	9.181	9.180	0.000	96	150145	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.192	0.001	87	93736	20.0	20.3	
121 Benzyl chloride	91	9.278	9.278	0.000	96	119285	20.0	21.4	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	92	210311	20.0	21.1	
123 p-Diethylbenzene	119	9.339	9.339	0.000	90	122531	20.0	22.0	
124 n-Butylbenzene	92	9.357	9.357	0.000	66	117692	20.0	22.8	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	92	90503	20.0	20.1	
126 1,2,4,5-Tetramethylbenzene	119	9.827	9.833	-0.006	96	172809	20.0	20.4	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.930	-0.006	84	11898	20.0	20.1	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	92	59753	20.0	20.0	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	91	52923	20.0	20.3	
130 Hexachlorobutadiene	225	10.583	10.576	0.007	83	19479	20.0	21.2	
131 Naphthalene	128	10.729	10.729	0.000	98	136049	20.0	20.4	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	92	44369	20.0	20.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 134 Xylenes, Total	100				0		40.0	41.3	
S 135 Total BTEX	1				0		100.0	101.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19582.D

Injection Date: 26-Mar-2016 07:39:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

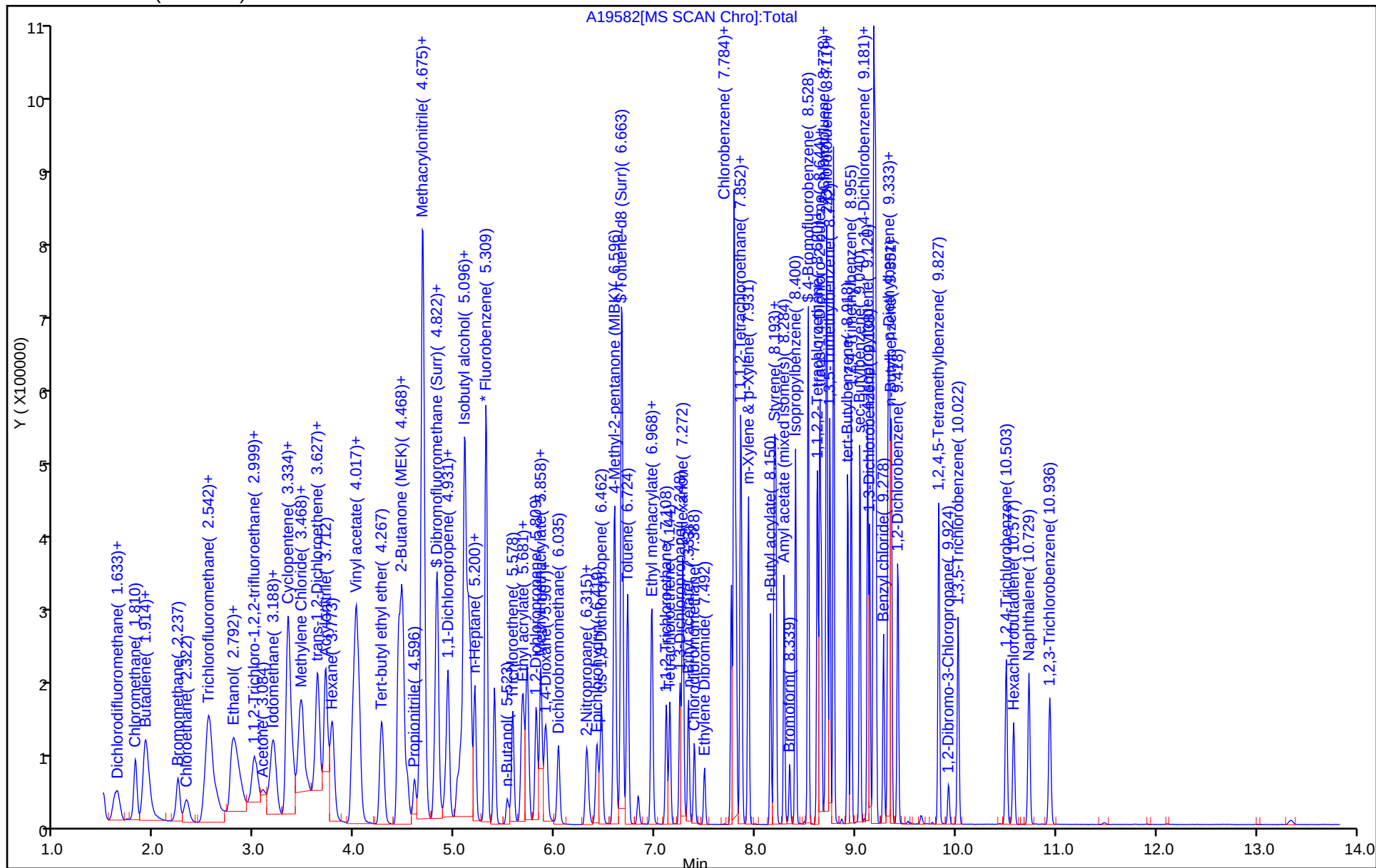
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-359095/4

Matrix: Water Lab File ID: A19638.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 10:06

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.: 359095 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.0		1.0	0.22
74-83-9	Bromomethane	21.8		1.0	0.18
75-01-4	Vinyl chloride	21.5		1.0	0.060
75-00-3	Chloroethane	21.4		1.0	0.37
75-09-2	Methylene Chloride	20.9		1.0	0.21
67-64-1	Acetone	45.4		5.0	1.1
75-15-0	Carbon disulfide	20.6		1.0	0.22
75-69-4	Trichlorofluoromethane	21.8		1.0	0.15
75-35-4	1,1-Dichloroethene	21.5		1.0	0.34
75-34-3	1,1-Dichloroethane	19.9		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.26
67-66-3	Chloroform	20.7		1.0	0.22
107-06-2	1,2-Dichloroethane	19.6		1.0	0.25
78-93-3	2-Butanone	98.2		5.0	2.2
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.28
56-23-5	Carbon tetrachloride	20.2		1.0	0.33
75-27-4	Bromodichloromethane	19.5		1.0	0.15
78-87-5	1,2-Dichloropropane	19.3		1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.16
79-01-6	Trichloroethene	19.7		1.0	0.22
124-48-1	Dibromochloromethane	20.4		1.0	0.22
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.080
71-43-2	Benzene	20.5		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.19
75-25-2	Bromoform	20.8		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	0.63
591-78-6	2-Hexanone	103		5.0	0.72
127-18-4	Tetrachloroethene	20.9		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.19
108-88-3	Toluene	19.9		1.0	0.25
108-90-7	Chlorobenzene	19.9		1.0	0.24
100-41-4	Ethylbenzene	20.5		1.0	0.30
100-42-5	Styrene	20.9		1.0	0.17
179601-23-1	m&p-Xylene	20.8		1.0	0.28
95-47-6	o-Xylene	20.7		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-359095/4
 Matrix: Water Lab File ID: A19638.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 10:06
 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.: 359095 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.6		1.0	0.34
75-65-0	TBA	195		10	1.2
1634-04-4	Methyl tert-butyl ether	20.5		1.0	0.13
110-82-7	Cyclohexane	22.1		1.0	0.26
106-93-4	1,2-Dibromoethane	19.8		1.0	0.19
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.7		1.0	0.33
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.22
75-71-8	Dichlorodifluoromethane	17.3		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	21.3		1.0	0.27
123-91-1	1,4-Dioxane	521		50	8.7
87-61-6	1,2,3-Trichlorobenzene	22.3		1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.0	0.23
74-97-5	Bromochloromethane	20.9		1.0	0.30
98-82-8	Isopropylbenzene	20.9		1.0	0.32
79-20-9	Methyl acetate	96.8		5.0	0.58
108-87-2	Methylcyclohexane	17.0		1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	97		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19638.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 28-Mar-2016 10:06:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0039079-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Mar-2016 19:06:00 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: starzecm

Date: 28-Mar-2016 19:06:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.596	1.590	0.006	96	13864	20.0	17.1	
3 Dichlorodifluoromethane	85	1.627	1.621	0.006	99	98542	20.0	17.3	
4 Chloromethane	50	1.804	1.804	0.000	99	136284	20.0	21.0	
5 Vinyl chloride	62	1.901	1.901	0.000	98	119420	20.0	21.5	
6 Butadiene	54	1.926	1.920	0.006	99	92606	20.0	17.4	
7 Bromomethane	94	2.237	2.230	0.007	99	65670	20.0	21.8	
8 Chloroethane	64	2.322	2.316	0.006	100	60301	20.0	21.4	
9 Dichlorofluoromethane	67	2.517	2.523	-0.006	98	147925	20.0	21.7	
10 Trichlorofluoromethane	101	2.523	2.535	-0.012	91	99932	20.0	21.8	
12 Pentane	72	2.566	2.560	0.006	98	19587	40.0	37.2	
13 Ethyl ether	59	2.767	2.761	0.006	94	59151	20.0	21.0	
14 Ethanol	46	2.761	2.773	-0.012	72	12275	800.0	1004.9	
15 2-Methyl-1,3-butadiene	53	2.791	2.785	0.006	94	62251	20.0	21.2	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.840	0.006	98	50114	20.0	23.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.980	0.000	22	50960	20.0	20.6	
18 1,1-Dichloroethene	96	3.005	3.011	-0.006	94	58350	20.0	21.5	
19 Acetone	43	3.084	3.078	0.006	86	56382	100.0	45.4	
20 Iodomethane	142	3.163	3.163	0.000	99	90954	20.0	21.2	
22 Isopropyl alcohol	45	3.169	3.169	0.000	5	29271	200.0	201.6	M
21 Carbon disulfide	76	3.194	3.194	0.000	100	229939	20.0	20.6	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	92	42355	20.0	21.8	
24 Methyl acetate	43	3.328	3.328	0.000	99	284115	100.0	96.8	
25 Cyclopentene	67	3.340	3.334	0.006	91	168956	20.0	20.7	
26 Acetonitrile	41	3.438	3.438	0.000	8	70563	200.0	152.1	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	256350	1000.0	1000.0	
27 Methylene Chloride	84	3.462	3.462	0.000	99	73890	20.0	20.9	
29 2-Methyl-2-propanol	59	3.523	3.505	0.018	91	56587	200.0	195.5	M
30 Methyl tert-butyl ether	73	3.627	3.614	0.013	98	186104	20.0	20.5	
31 trans-1,2-Dichloroethene	96	3.627	3.627	0.000	95	60338	20.0	20.8	
32 Acrylonitrile	53	3.706	3.706	0.000	93	292766	200.0	198.5	
33 Hexane	43	3.773	3.773	0.000	95	57771	20.0	16.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Isopropyl ether	45	3.986	3.980	0.006	93	260205	20.0	20.4	
35 1,1-Dichloroethane	63	4.005	3.998	0.007	99	127395	20.0	19.9	
36 Vinyl acetate	86	4.017	4.017	0.000	100	21237	40.0	43.8	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	93	51885	20.0	22.2	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	88	195568	20.0	20.3	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	365494	250.0	250.0	
40 2,2-Dichloropropane	97	4.450	4.456	-0.006	96	15132	20.0	21.4	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	90	61001	20.0	20.4	
43 Ethyl acetate	70	4.480	4.474	0.006	93	11154	40.0	40.6	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	32158	100.0	98.2	
44 Methyl acrylate	55	4.523	4.523	0.000	98	59646	20.0	19.8	
45 Propionitrile	54	4.596	4.590	0.006	97	96160	200.0	190.2	
47 Chlorobromomethane	128	4.651	4.651	0.000	95	26723	20.0	20.9	
46 Tetrahydrofuran	72	4.651	4.657	-0.006	68	16146	40.0	42.8	
48 Methacrylonitrile	67	4.675	4.675	0.000	96	257084	200.0	204.7	
49 Chloroform	83	4.693	4.693	0.000	97	103499	20.0	20.7	
50 Cyclohexane	56	4.803	4.803	0.000	97	110573	20.0	22.1	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	95	121000	50.0	48.4	
52 1,1,1-Trichloroethane	97	4.821	4.821	0.000	82	75287	20.0	20.2	
54 Carbon tetrachloride	117	4.913	4.913	0.000	94	63588	20.0	20.2	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	93	81754	20.0	20.9	
56 Isobutyl alcohol	43	5.023	5.023	0.000	90	80527	500.0	551.6	
57 Isooctane	57	5.059	5.059	0.000	95	103864	20.0	19.5	
58 Benzene	78	5.090	5.090	0.000	98	230312	20.0	20.5	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	177074	50.0	46.6	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	224080	20.0	20.6	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	93	184378	20.0	20.3	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	84678	20.0	19.6	
63 n-Heptane	71	5.199	5.199	0.000	97	42960	20.0	14.9	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	485632	50.0	50.0	
65 n-Butanol	56	5.523	5.523	0.000	93	29790	500.0	494.5	
66 Trichloroethene	95	5.577	5.571	0.006	92	51550	20.0	19.7	
67 Ethyl acrylate	55	5.663	5.669	-0.006	97	140785	20.0	20.3	
68 Methylcyclohexane	83	5.681	5.681	0.000	86	67562	20.0	17.0	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	92	65581	20.0	19.3	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	17891	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.858	-0.006	93	24325	40.0	39.6	
73 1,4-Dioxane	88	5.901	5.901	0.001	28	8792	400.0	521.1	
72 n-Propyl acetate	43	5.901	5.901	0.001	98	102326	20.0	19.9	
74 Dibromomethane	93	5.913	5.913	0.000	87	34270	20.0	19.4	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	73043	20.0	19.5	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	87	37760	20.0	19.8	
77 2-Nitropropane	41	6.321	6.327	-0.006	83	30353	40.0	35.1	
78 Epichlorohydrin	57	6.413	6.419	-0.006	100	119273	400.0	414.3	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	97	91579	20.0	21.4	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.595	-0.006	98	360807	100.0	105.2	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	449722	50.0	49.4	
82 Toluene	91	6.724	6.724	0.000	92	213979	20.0	19.9	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	80514	20.0	21.0	
84 Ethyl methacrylate	69	6.967	6.967	0.000	94	71906	20.0	19.9	
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	94	40464	20.0	19.7	
86 Tetrachloroethene	166	7.144	7.144	0.000	90	38832	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	85318	20.0	20.1	
88 2-Hexanone	43	7.272	7.272	0.000	97	229159	100.0	102.5	
89 n-Butyl acetate	73	7.333	7.333	0.000	98	14834	20.0	20.3	
90 Chlorodibromomethane	129	7.388	7.388	0.000	96	44347	20.0	20.4	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	41701	20.0	19.8	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	310687	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	124361	20.0	19.9	
94 Ethylbenzene	106	7.851	7.851	0.000	99	68914	20.0	20.5	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	93	43779	20.0	19.9	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	84799	20.0	20.8	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	41834	20.0	20.4	
98 o-Xylene	106	8.187	8.187	0.000	92	88026	20.0	20.7	
99 Styrene	104	8.205	8.205	0.000	92	144063	20.0	20.9	
100 Amyl acetate (mixed isomer)	43	8.284	8.290	-0.006	87	144449	20.0	21.1	
101 Bromoform	173	8.345	8.345	0.000	91	24508	20.0	20.8	
102 Isopropylbenzene	105	8.400	8.406	-0.006	97	228760	20.0	20.9	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	105994	50.0	49.7	
104 Bromobenzene	156	8.620	8.619	0.001	89	47308	20.0	20.0	
105 1,1,2,2-Tetrachloroethane	83	8.626	8.626	0.000	99	69695	20.0	20.1	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	306099	20.0	21.7	
107 1,2,3-Trichloropropane	110	8.662	8.662	0.000	92	17467	20.0	20.8	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.662	0.000	75	23912	20.0	42.1	
109 4-Ethyltoluene	105	8.711	8.711	0.000	98	237910	20.0	21.8	
110 2-Chlorotoluene	91	8.717	8.723	-0.006	96	207600	20.0	21.2	
111 1,3,5-Trimethylbenzene	105	8.748	8.748	0.000	91	197742	20.0	22.2	
112 Butyl Methacrylate	87	8.784	8.784	0.000	97	75989	20.0	21.9	
113 4-Chlorotoluene	91	8.784	8.790	-0.006	99	180179	20.0	21.7	
114 tert-Butylbenzene	119	8.930	8.930	0.000	91	149275	20.0	21.4	
115 1,2,4-Trimethylbenzene	105	8.961	8.967	-0.006	99	203960	20.0	21.5	
116 sec-Butylbenzene	105	9.052	9.052	0.000	98	252038	20.0	21.8	
117 4-Isopropyltoluene	119	9.126	9.132	-0.006	97	208151	20.0	21.8	
118 1,3-Dichlorobenzene	146	9.150	9.150	0.000	92	97580	20.0	20.7	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.193	-0.007	96	160162	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.205	9.205	0.000	89	102050	20.0	20.7	
121 Benzyl chloride	91	9.284	9.290	-0.006	97	131282	20.0	22.1	
122 2,3-Dihydroindene	117	9.333	9.333	0.000	94	226495	20.0	21.3	
123 p-Diethylbenzene	119	9.345	9.351	-0.006	91	135578	20.0	22.8	
124 n-Butylbenzene	92	9.363	9.363	0.000	97	131051	20.0	23.8	
125 1,2-Dichlorobenzene	146	9.430	9.430	0.000	91	97872	20.0	20.3	
126 1,2,4,5-Tetramethylbenzene	119	9.839	9.845	-0.006	96	191379	20.0	21.2	
127 1,2-Dibromo-3-Chloropropan	75	9.936	9.942	-0.006	86	12664	20.0	20.0	
128 1,3,5-Trichlorobenzene	180	10.034	10.034	0.000	92	67109	20.0	21.1	
129 1,2,4-Trichlorobenzene	180	10.515	10.515	0.000	91	59224	20.0	21.3	
130 Hexachlorobutadiene	225	10.589	10.595	-0.006	84	22309	20.0	22.7	
131 Naphthalene	128	10.741	10.747	-0.006	98	158229	20.0	22.2	
132 1,2,3-Trichlorobenzene	180	10.948	10.954	-0.006	92	50680	20.0	22.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 134 Xylenes, Total	100				0		40.0	41.5	
S 135 Total BTEX	1				0		100.0	102.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19638.D

Injection Date: 28-Mar-2016 10:06:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

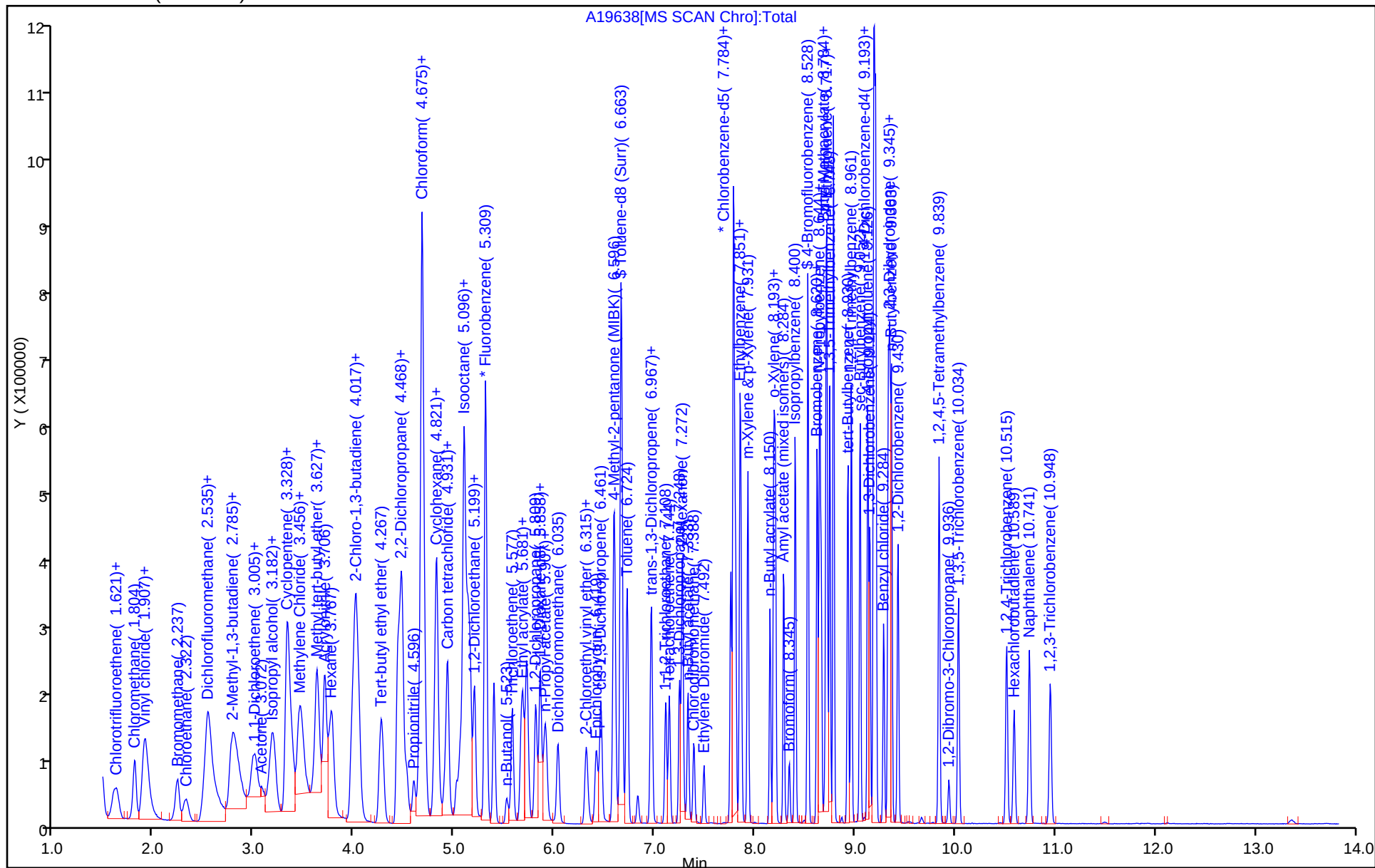
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



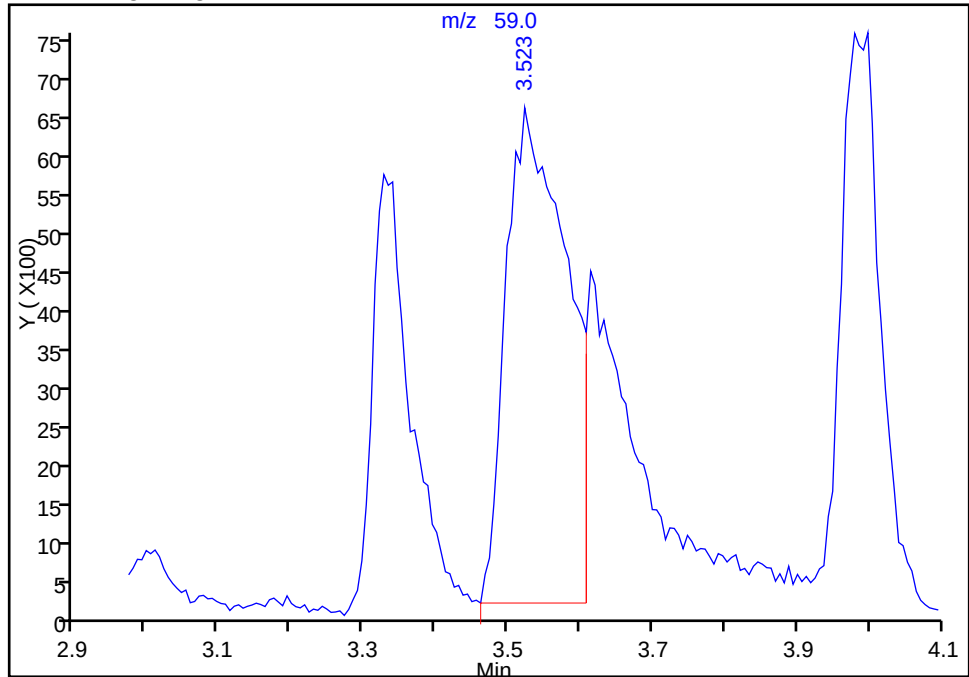
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19638.D		
Injection Date:	28-Mar-2016 10:06:30	Instrument ID:	CVOAMS1
Lims ID:	LCS		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	4

29 2-Methyl-2-propanol, CAS: 75-65-0

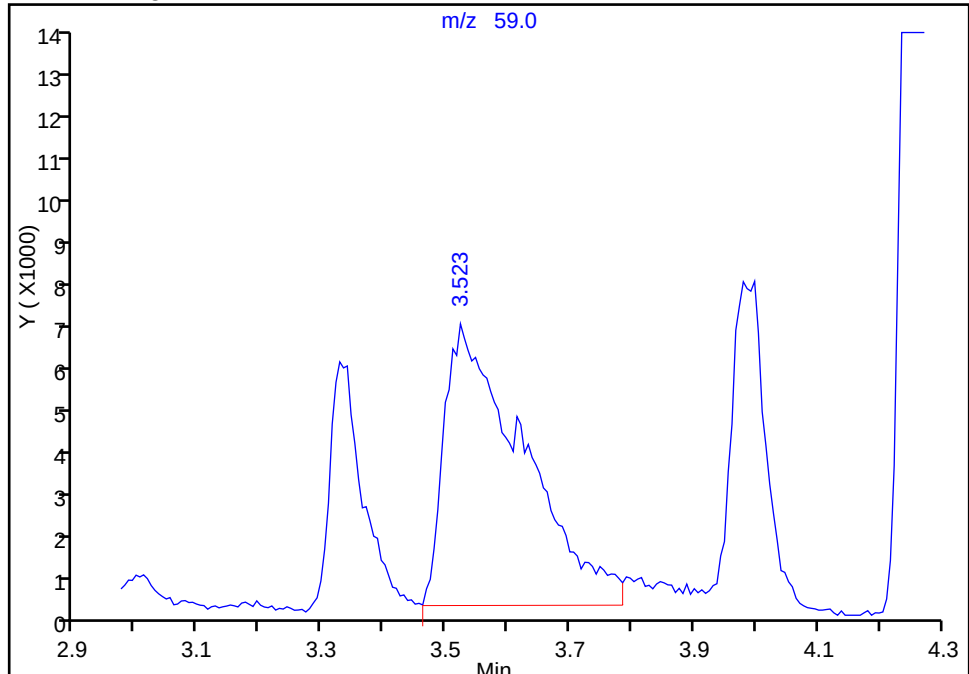
RT: 3.52
Area: 37396
Amount: 129.1893
Amount Units: ug/l

Processing Integration Results



RT: 3.52
Area: 56587
Amount: 195.4871
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 28-Mar-2016 19:06:00
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-359204/3

Matrix: Water Lab File ID: A19668.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 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.: 359204 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.9		1.0	0.22
74-83-9	Bromomethane	19.8		1.0	0.18
75-01-4	Vinyl chloride	20.6		1.0	0.060
75-00-3	Chloroethane	20.0		1.0	0.37
75-09-2	Methylene Chloride	19.3		1.0	0.21
67-64-1	Acetone	87.2		5.0	1.1
75-15-0	Carbon disulfide	20.3		1.0	0.22
75-69-4	Trichlorofluoromethane	22.3		1.0	0.15
75-35-4	1,1-Dichloroethene	19.6		1.0	0.34
75-34-3	1,1-Dichloroethane	18.7		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.26
67-66-3	Chloroform	19.9		1.0	0.22
107-06-2	1,2-Dichloroethane	19.2		1.0	0.25
78-93-3	2-Butanone	87.7		5.0	2.2
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.28
56-23-5	Carbon tetrachloride	20.2		1.0	0.33
75-27-4	Bromodichloromethane	18.6		1.0	0.15
78-87-5	1,2-Dichloropropane	18.3		1.0	0.18
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.16
79-01-6	Trichloroethene	18.8		1.0	0.22
124-48-1	Dibromochloromethane	18.8		1.0	0.22
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.080
71-43-2	Benzene	18.6		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.19
75-25-2	Bromoform	19.3		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	98.7		5.0	0.63
591-78-6	2-Hexanone	94.2		5.0	0.72
127-18-4	Tetrachloroethene	19.7		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	18.5		1.0	0.19
108-88-3	Toluene	18.5		1.0	0.25
108-90-7	Chlorobenzene	18.5		1.0	0.24
100-41-4	Ethylbenzene	19.0		1.0	0.30
100-42-5	Styrene	19.5		1.0	0.17
179601-23-1	m&p-Xylene	19.7		1.0	0.28
95-47-6	o-Xylene	19.4		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-359204/3
 Matrix: Water Lab File ID: A19668.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 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.: 359204 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.7		1.0	0.34
75-65-0	TBA	199		10	1.2
1634-04-4	Methyl tert-butyl ether	19.2		1.0	0.13
110-82-7	Cyclohexane	24.6		1.0	0.26
106-93-4	1,2-Dibromoethane	18.2		1.0	0.19
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.22
75-71-8	Dichlorodifluoromethane	21.6		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.27
123-91-1	1,4-Dioxane	556		50	8.7
87-61-6	1,2,3-Trichlorobenzene	21.4		1.0	0.35
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.23
74-97-5	Bromochloromethane	19.2		1.0	0.30
98-82-8	Isopropylbenzene	19.5		1.0	0.32
79-20-9	Methyl acetate	101		5.0	0.58
108-87-2	Methylcyclohexane	20.1		1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	103		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19668.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 28-Mar-2016 21:10:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0039108-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 11:16:53 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: starzecm

Date: 28-Mar-2016 22:48:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.590	0.000	90	13757	20.0	20.4	
3 Dichlorodifluoromethane	85	1.621	1.621	0.000	99	102043	20.0	21.6	
4 Chloromethane	50	1.798	1.798	0.000	99	107193	20.0	19.9	
5 Vinyl chloride	62	1.895	1.895	0.000	98	94987	20.0	20.6	
6 Butadiene	54	1.926	1.926	0.000	99	79669	20.0	18.1	
7 Bromomethane	94	2.230	2.230	0.000	99	49412	20.0	19.8	
8 Chloroethane	64	2.310	2.310	0.000	100	46847	20.0	20.0	
9 Dichlorofluoromethane	67	2.517	2.517	0.000	98	116494	20.0	20.6	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	84	84892	20.0	22.3	
12 Pentane	72	2.566	2.566	0.000	98	22042	40.0	50.5	
14 Ethanol	46	2.755	2.755	0.000	79	10013	800.0	922.7	
13 Ethyl ether	59	2.761	2.761	0.000	93	45542	20.0	19.5	
15 2-Methyl-1,3-butadiene	53	2.785	2.785	0.000	98	44228	20.0	18.1	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.846	0.000	97	38558	20.0	21.5	
17 1,1,2-Trichloro-1,2,2-trif	101	2.986	2.986	0.000	91	48789	20.0	23.7	
18 1,1-Dichloroethene	96	2.999	2.999	0.000	93	44020	20.0	19.6	
19 Acetone	43	3.090	3.090	0.000	86	96596	100.0	87.2	
20 Iodomethane	142	3.157	3.157	0.000	99	71023	20.0	20.0	
22 Isopropyl alcohol	45	3.182	3.182	0.000	27	36573	200.0	288.2	
21 Carbon disulfide	76	3.188	3.188	0.000	100	187557	20.0	20.3	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	89	34971	20.0	21.7	
24 Methyl acetate	43	3.334	3.334	0.000	99	246140	100.0	101.1	
25 Cyclopentene	67	3.346	3.346	0.000	94	142988	20.0	21.1	
26 Acetonitrile	41	3.450	3.450	0.000	1	57755	200.0	140.2	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	227584	1000.0	1000.0	
27 Methylene Chloride	84	3.462	3.462	0.000	98	56428	20.0	19.3	
29 2-Methyl-2-propanol	59	3.535	3.535	0.000	93	51125	200.0	198.9	M
11 Acrolein	56	3.620	3.620	0.000	30	8914	40.0	61.8	
30 Methyl tert-butyl ether	73	3.627	3.627	0.000	98	144631	20.0	19.2	
31 trans-1,2-Dichloroethene	96	3.633	3.633	0.000	97	47928	20.0	19.9	
32 Acrylonitrile	53	3.706	3.706	0.000	95	237688	200.0	194.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.773	3.773	0.000	95	60328	20.0	20.3	
34 Isopropyl ether	45	3.980	3.980	0.000	95	208216	20.0	19.7	
35 1,1-Dichloroethane	63	4.005	4.005	0.000	98	99346	20.0	18.7	
36 Vinyl acetate	86	4.017	4.017	0.000	100	15424	40.0	38.3	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	94	40399	20.0	20.8	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	88	153492	20.0	19.2	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	326098	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	92	11721	20.0	20.0	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	88	46985	20.0	19.0	
42 2-Butanone (MEK)	72	4.474	4.474	0.000	94	25613	100.0	87.7	
43 Ethyl acetate	70	4.480	4.480	0.000	93	8558	40.0	34.9	
44 Methyl acrylate	55	4.523	4.523	0.000	99	46891	20.0	18.8	
45 Propionitrile	54	4.590	4.590	0.000	97	80347	200.0	191.7	
47 Chlorobromomethane	128	4.651	4.651	0.000	93	20308	20.0	19.2	
46 Tetrahydrofuran	72	4.651	4.651	0.000	80	12754	40.0	37.9	
48 Methacrylonitrile	67	4.675	4.675	0.000	97	199805	200.0	191.8	
49 Chloroform	83	4.693	4.693	0.000	97	82579	20.0	19.9	
50 Cyclohexane	56	4.803	4.803	0.000	97	101893	20.0	24.6	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	96	59954	20.0	19.4	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	103469	50.0	49.9	
54 Carbon tetrachloride	117	4.913	4.913	0.000	92	52852	20.0	20.2	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	91	64237	20.0	19.9	
56 Isobutyl alcohol	43	5.059	5.059	0.000	48	65073	500.0	502.1	
57 Isooctane	57	5.065	5.065	0.000	95	112642	20.0	25.5	
58 Benzene	78	5.090	5.090	0.000	98	176067	20.0	18.6	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	159290	50.0	50.6	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	186019	20.0	20.6	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	91	137634	20.0	18.3	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	95	68630	20.0	19.2	
63 n-Heptane	71	5.199	5.199	0.000	97	45882	20.0	19.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	402690	50.0	50.0	
65 n-Butanol	56	5.523	5.523	0.000	97	25593	500.0	478.5	
66 Trichloroethene	95	5.577	5.577	0.000	92	40807	20.0	18.8	
67 Ethyl acrylate	55	5.669	5.669	0.000	97	150576	20.0	26.1	
68 Methylcyclohexane	83	5.681	5.681	0.000	93	66250	20.0	20.1	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	92	51397	20.0	18.3	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14171	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	19061	40.0	37.4	
73 1,4-Dioxane	88	5.894	5.894	0.000	28	7428	400.0	555.8	
72 n-Propyl acetate	43	5.900	5.900	0.000	98	79197	20.0	18.6	
74 Dibromomethane	93	5.919	5.919	0.000	86	27132	20.0	18.5	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	57901	20.0	18.6	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	85	28412	20.0	18.0	
77 2-Nitropropane	41	6.327	6.327	0.000	86	25403	40.0	35.4	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	102441	400.0	398.9	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	96	71112	20.0	19.7	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	302116	100.0	98.7	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	97	385469	50.0	50.2	
82 Toluene	91	6.724	6.724	0.000	92	167814	20.0	18.5	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	61412	20.0	19.0	
84 Ethyl methacrylate	69	6.973	6.973	0.000	93	56007	20.0	18.7	
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	91	32996	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.144	7.144	0.000	90	30781	20.0	19.7	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	66897	20.0	18.7	
88 2-Hexanone	43	7.272	7.272	0.000	99	187740	100.0	94.2	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	11547	20.0	18.8	
90 Chlorodibromomethane	129	7.388	7.388	0.000	96	34480	20.0	18.8	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	32392	20.0	18.2	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	93	261894	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	96	97612	20.0	18.5	
94 Ethylbenzene	106	7.851	7.851	0.000	100	54000	20.0	19.0	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	92	34884	20.0	18.8	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	67520	20.0	19.7	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	31981	20.0	18.5	
98 o-Xylene	106	8.187	8.187	0.000	92	69303	20.0	19.4	
99 Styrene	104	8.205	8.205	0.000	90	112862	20.0	19.5	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	114222	20.0	19.4	
101 Bromoform	173	8.345	8.345	0.000	90	19197	20.0	19.3	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	179627	20.0	19.5	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	81	92615	50.0	51.5	
104 Bromobenzene	156	8.619	8.619	0.000	90	37167	20.0	18.2	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	55194	20.0	18.5	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	243350	20.0	20.0	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	93	14084	20.0	19.5	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	77	18348	20.0	37.5	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	186475	20.0	19.8	
110 2-Chlorotoluene	91	8.717	8.717	0.000	97	165773	20.0	19.6	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	91	160949	20.0	20.9	
112 Butyl Methacrylate	87	8.778	8.778	0.000	95	60004	20.0	20.1	
113 4-Chlorotoluene	91	8.778	8.778	0.000	99	142920	20.0	19.9	
114 tert-Butylbenzene	119	8.918	8.918	0.000	89	117169	20.0	19.4	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	164918	20.0	20.2	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	198818	20.0	20.0	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	96	165054	20.0	20.1	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	91	79213	20.0	19.5	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	138107	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.193	0.000	88	81647	20.0	19.2	
121 Benzyl chloride	91	9.278	9.278	0.000	97	103233	20.0	20.1	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	93	182213	20.0	19.8	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	109481	20.0	21.4	
124 n-Butylbenzene	92	9.357	9.357	0.000	88	105386	20.0	22.2	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	91	79188	20.0	19.1	
126 1,2,4,5-Tetramethylbenzene	119	9.827	9.827	0.000	96	152345	20.0	19.6	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	85	10393	20.0	19.1	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	93	55002	20.0	20.0	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	93	47380	20.0	19.7	
130 Hexachlorobutadiene	225	10.576	10.576	0.000	83	19085	20.0	22.6	
131 Naphthalene	128	10.729	10.729	0.000	98	122831	20.0	20.0	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	91	41932	20.0	21.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.8	
S 134 Xylenes, Total	100				0		40.0	39.0	
S 135 Total BTEX	1				0		100.0	95.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39108.b\\A19668.D

Injection Date: 28-Mar-2016 21:10:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

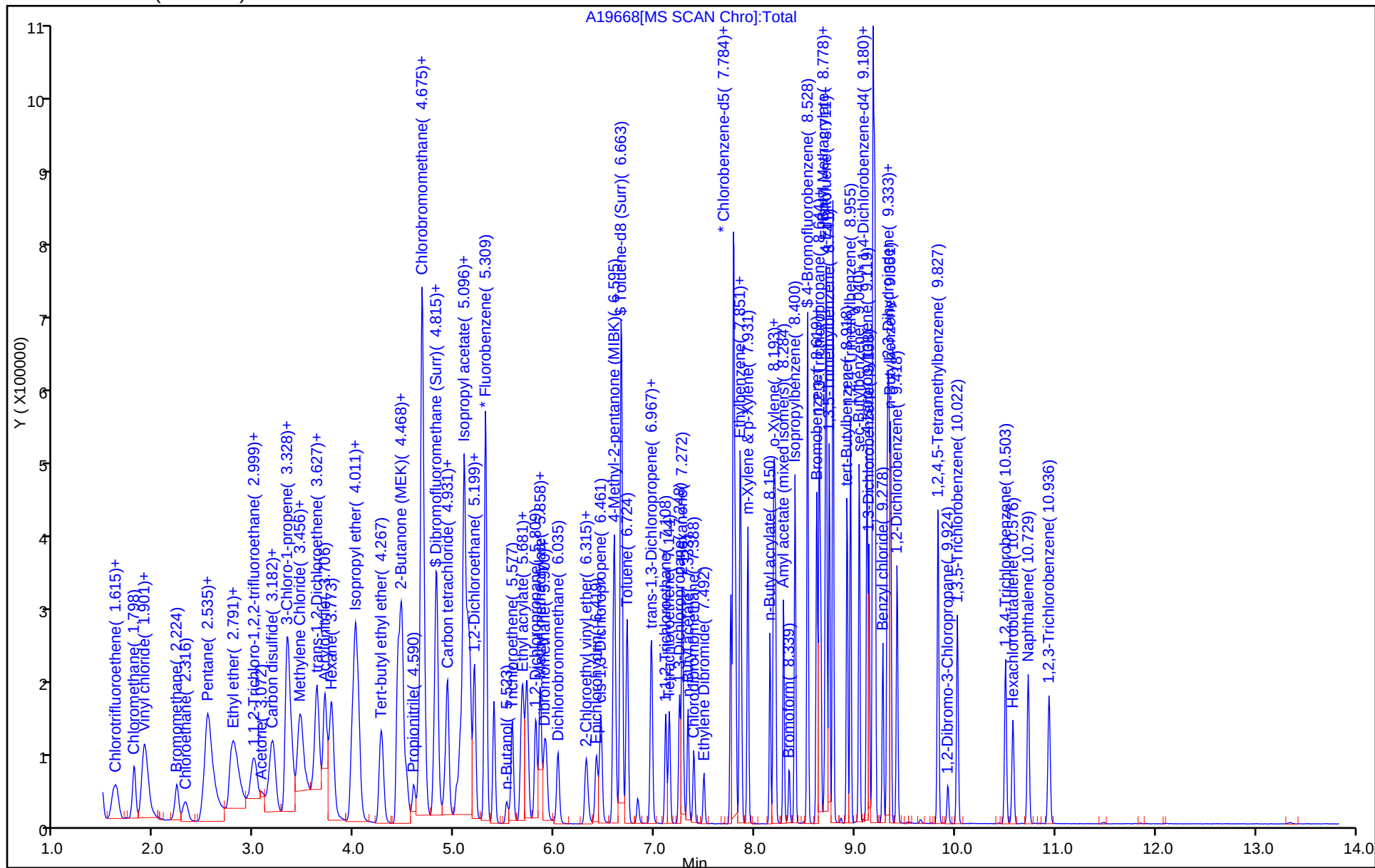
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



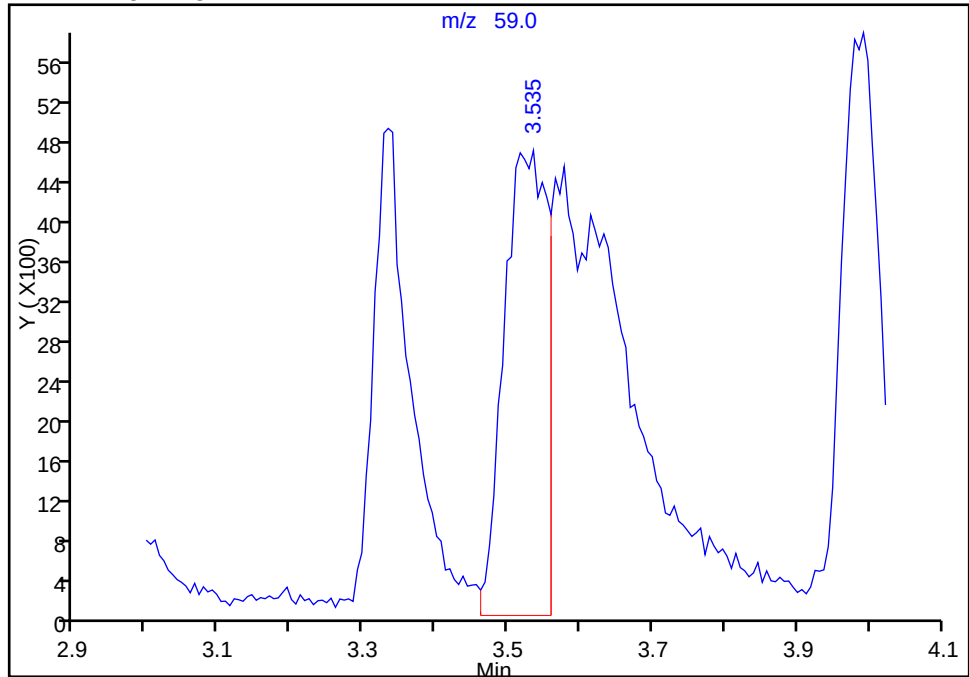
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19668.D
Injection Date: 28-Mar-2016 21:10:30 Instrument ID: CVOAMS1
Lims ID: LCS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 2-Methyl-2-propanol, CAS: 75-65-0

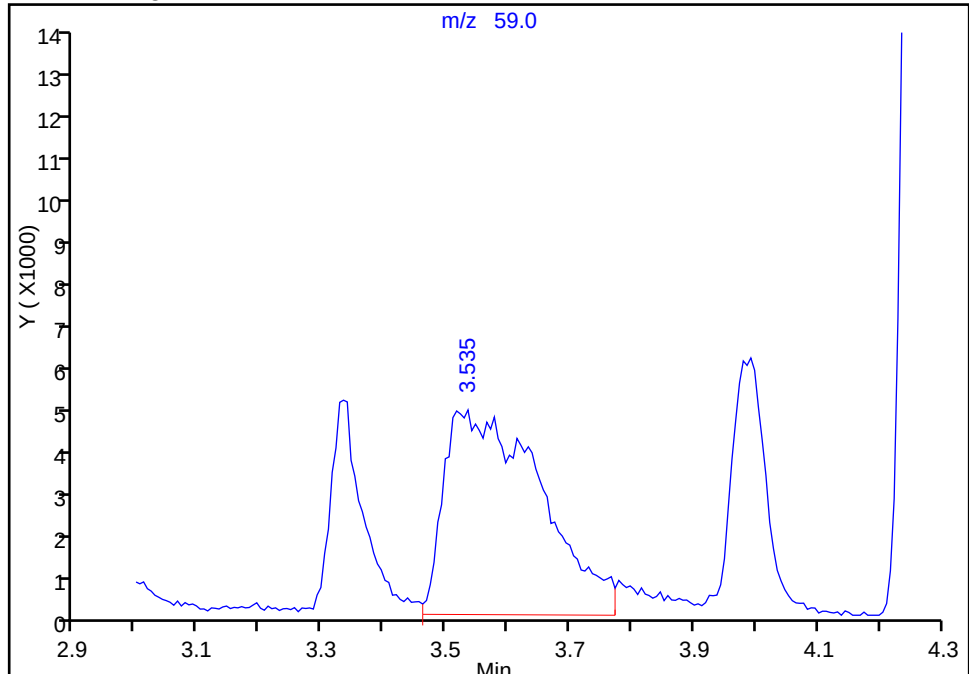
RT: 3.54
Area: 19858
Amount: 77.273150
Amount Units: ug/l

Processing Integration Results



RT: 3.54
Area: 51125
Amount: 198.9420
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 28-Mar-2016 21:39:40
Audit Action: Manually Integrated
Audit Reason: Wrong peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>BP3A-CP-00-031716 MS</u>	Lab Sample ID: <u>460-110867-1 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19607.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 11:34</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 17:09</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	227		10	2.2
74-83-9	Bromomethane	220		10	1.8
75-01-4	Vinyl chloride	217		10	0.60
75-00-3	Chloroethane	220		10	3.7
75-09-2	Methylene Chloride	200		10	2.1
67-64-1	Acetone	774		50	11
75-15-0	Carbon disulfide	163		10	2.2
75-69-4	Trichlorofluoromethane	192		10	1.5
75-35-4	1,1-Dichloroethene	192		10	3.4
75-34-3	1,1-Dichloroethane	192		10	2.4
156-60-5	trans-1,2-Dichloroethene	195		10	1.8
156-59-2	cis-1,2-Dichloroethene	192		10	2.6
67-66-3	Chloroform	201		10	2.2
107-06-2	1,2-Dichloroethane	195		10	2.5
78-93-3	2-Butanone	885		50	22
71-55-6	1,1,1-Trichloroethane	202		10	2.8
56-23-5	Carbon tetrachloride	192		10	3.3
75-27-4	Bromodichloromethane	185		10	1.5
78-87-5	1,2-Dichloropropane	185		10	1.8
10061-01-5	cis-1,3-Dichloropropene	183		10	1.6
79-01-6	Trichloroethene	187		10	2.2
124-48-1	Dibromochloromethane	175		10	2.2
79-00-5	1,1,2-Trichloroethane	187		10	0.80
71-43-2	Benzene	186		10	0.90
10061-02-6	trans-1,3-Dichloropropene	183		10	1.9
75-25-2	Bromoform	176		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	978		50	6.3
591-78-6	2-Hexanone	956		50	7.2
127-18-4	Tetrachloroethene	191		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	180		10	1.9
108-88-3	Toluene	185		10	2.5
108-90-7	Chlorobenzene	188		10	2.4
100-41-4	Ethylbenzene	192		10	3.0
100-42-5	Styrene	196		10	1.7
179601-23-1	m&p-Xylene	193		10	2.8
95-47-6	o-Xylene	192		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: BP3A-CP-00-031716 MS Lab Sample ID: 460-110867-1 MS
 Matrix: Water Lab File ID: A19607.D
 Analysis Method: 8260C Date Collected: 03/14/2016 11:34
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 17:09
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	154		10	3.4
75-65-0	TBA	838		100	12
1634-04-4	Methyl tert-butyl ether	193		10	1.3
110-82-7	Cyclohexane	177		10	2.6
106-93-4	1,2-Dibromoethane	182		10	1.9
541-73-1	1,3-Dichlorobenzene	186		10	3.3
106-46-7	1,4-Dichlorobenzene	184		10	3.3
95-50-1	1,2-Dichlorobenzene	181		10	2.2
75-71-8	Dichlorodifluoromethane	121		10	1.4
120-82-1	1,2,4-Trichlorobenzene	166		10	2.7
123-91-1	1,4-Dioxane	4260		500	87
87-61-6	1,2,3-Trichlorobenzene	162		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	181		10	2.3
74-97-5	Bromochloromethane	200		10	3.0
98-82-8	Isopropylbenzene	192		10	3.2
79-20-9	Methyl acetate	1000		50	5.8
108-87-2	Methylcyclohexane	132		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	101		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19607.D
 Lims ID: 460-110867-B-1 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 26-Mar-2016 17:09:30 ALS Bottle#: 21 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-110867-B-1 MS
 Misc. Info.: 460-0039013-028
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 22:38:18 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: desais

Date: 28-Mar-2016 09:41:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.596	1.590	0.006	90	7966	20.0	12.7	
3 Dichlorodifluoromethane	85	1.633	1.627	0.006	99	53214	20.0	12.1	
4 Chloromethane	50	1.804	1.804	0.000	99	114125	20.0	22.7	
5 Vinyl chloride	62	1.901	1.901	0.000	98	93461	20.0	21.7	
6 Butadiene	54	1.920	1.932	-0.012	98	76032	20.0	18.5	
7 Bromomethane	94	2.237	2.236	0.001	99	51205	20.0	22.0	
8 Chloroethane	64	2.316	2.310	0.006	100	48062	20.0	22.0	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	121634	20.0	23.0	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	56	68073	20.0	19.2	
12 Pentane	72	2.572	2.566	0.006	94	8994	40.0	22.1	
14 Ethanol	46	2.779	2.767	0.012	69	8498	800.0	818.9	
13 Ethyl ether	59	2.761	2.767	-0.006	93	42041	20.0	19.3	
15 2-Methyl-1,3-butadiene	53	3.078	2.797	0.281	35	854	20.0	0.3754	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.852	0.000	97	35330	20.0	21.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.993	2.974	0.019	12	29378	20.0	15.4	
11 Acrolein	56	3.078	2.986	0.092	27	623	40.0	2.03	
18 1,1-Dichloroethene	96	3.005	2.992	0.013	94	40269	20.0	19.2	
19 Acetone	43	3.084	3.084	0.000	87	78573	100.0	77.4	
20 Iodomethane	142	3.163	3.163	0.000	98	65255	20.0	19.7	
22 Isopropyl alcohol	45	3.175	3.188	-0.013	30	35806	200.0	295.6	
21 Carbon disulfide	76	3.194	3.200	-0.006	100	140444	20.0	16.3	
23 3-Chloro-1-propene	76	3.316	3.322	-0.006	90	28462	20.0	18.9	
24 Methyl acetate	43	3.334	3.334	0.000	98	227670	100.0	100.2	
25 Cyclopentene	67	3.340	3.340	0.000	63	116679	20.0	18.5	
26 Acetonitrile	41	3.328	3.377	-0.049	74	136858	200.0	347.7	
27 Methylene Chloride	84	3.462	3.462	0.000	97	54661	20.0	20.0	
* 28 TBA-d9 (IS)	65	3.462	3.468	-0.006	0	217446	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.541	0.000	38	20583	200.0	83.8	
30 Methyl tert-butyl ether	73	3.627	3.620	0.007	94	135949	20.0	19.3	
31 trans-1,2-Dichloroethene	96	3.633	3.626	0.007	96	43924	20.0	19.5	
32 Acrylonitrile	53	3.706	3.706	0.000	92	213524	200.0	187.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.779	3.773	0.006	95	28584	20.0	10.3	
34 Isopropyl ether	45	3.986	3.986	0.000	93	195125	20.0	19.8	
35 1,1-Dichloroethane	63	4.011	4.004	0.007	99	95047	20.0	19.2	
36 Vinyl acetate	86	4.017	4.023	-0.006	100	15089	40.0	40.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	94	36203	20.0	20.0	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	143543	20.0	19.3	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	298868	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.462	-0.006	94	10312	20.0	18.9	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	87	44452	20.0	19.2	
43 Ethyl acetate	70	4.480	4.480	0.000	95	8145	40.0	36.3	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	23695	100.0	88.5	
44 Methyl acrylate	55	4.267	4.523	-0.256	25	4830	20.0	2.07	
45 Propionitrile	54	4.596	4.596	0.000	97	72329	200.0	185.0	
47 Chlorobromomethane	128	4.657	4.651	0.006	93	19732	20.0	20.0	
46 Tetrahydrofuran	72	4.657	4.657	0.000	62	11487	40.0	37.2	
48 Methacrylonitrile	67	4.681	4.675	0.006	97	188189	200.0	193.7	
49 Chloroform	83	4.693	4.693	0.000	97	77906	20.0	20.1	
50 Cyclohexane	56	4.809	4.809	0.000	98	68313	20.0	17.7	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	97844	50.0	50.6	
52 1,1,1-Trichloroethane	97	4.821	4.821	0.000	88	58143	20.0	20.2	
51 2,4,4-Trimethyl-1-pentene	57	4.815	4.821	-0.006	39	2617		NC	
54 Carbon tetrachloride	117	4.913	4.913	0.000	93	46661	20.0	19.2	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	91	58501	20.0	19.4	
56 Isobutyl alcohol	43	5.029	5.029	0.000	96	55904	500.0	451.4	
57 Isooctane	57	5.059	5.059	0.000	95	53589	20.0	13.0	
58 Benzene	78	5.090	5.090	0.000	95	169431	20.0	18.6	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	152370	50.0	51.9	
60 Isopropyl acetate	43	5.132	5.132	0.000	96	164385	20.0	19.6	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	91	139128	20.0	19.8	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	96	65120	20.0	19.5	
63 n-Heptane	71	5.199	5.199	0.000	95	20530	20.0	9.17	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	375624	50.0	50.0	
65 n-Butanol	56	5.523	5.522	0.001	96	22376	500.0	437.9	
66 Trichloroethene	95	5.577	5.571	0.006	91	38009	20.0	18.7	
67 Ethyl acrylate	55	5.669	5.663	0.006	97	95788	20.0	17.8	
68 Methylcyclohexane	83	5.681	5.681	0.000	82	40677	20.0	13.2	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	91	48612	20.0	18.5	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	14328	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	17711	40.0	37.2	
72 n-Propyl acetate	43	5.901	5.894	0.006	98	75343	20.0	18.9	
73 1,4-Dioxane	88	5.901	5.907	-0.006	27	5761	400.0	426.4	
74 Dibromomethane	93	5.919	5.913	0.006	88	25534	20.0	18.7	
75 Dichlorobromomethane	83	6.035	6.028	0.007	97	53748	20.0	18.5	
77 2-Nitropropane	41	6.327	6.321	0.006	100	22542	40.0	33.7	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	84895	400.0	360.7	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	96	63427	20.0	18.3	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	274190	100.0	97.8	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	366464	50.0	49.6	
82 Toluene	91	6.724	6.723	0.001	92	161678	20.0	18.5	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	56912	20.0	18.3	
84 Ethyl methacrylate	69	6.973	6.967	0.006	95	52185	20.0	18.7	
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	92	31170	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.144	7.144	0.000	89	28726	20.0	19.1	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	64699	20.0	18.8	
88 2-Hexanone	43	7.272	7.272	0.000	98	174713	100.0	95.6	
89 n-Butyl acetate	73	7.333	7.333	0.000	96	10484	20.0	17.7	
90 Chlorodibromomethane	129	7.388	7.388	0.000	95	30918	20.0	17.5	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	31039	20.0	18.2	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	251769	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	95234	20.0	18.8	
94 Ethylbenzene	106	7.851	7.851	0.000	100	52232	20.0	19.2	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.863	0.001	92	32981	20.0	18.5	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.001	98	63665	20.0	19.3	
97 n-Butyl acrylate	73	8.150	8.150	0.000	94	29378	20.0	17.6	
98 o-Xylene	106	8.187	8.187	0.000	92	66168	20.0	19.2	
99 Styrene	104	8.205	8.205	0.000	94	109422	20.0	19.6	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	106622	20.0	18.7	
101 Bromoform	173	8.345	8.345	0.000	90	16855	20.0	17.6	
102 Isopropylbenzene	105	8.400	8.400	0.000	98	170352	20.0	19.2	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	87330	50.0	50.5	
104 Bromobenzene	156	8.619	8.619	0.000	89	35995	20.0	18.2	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	52069	20.0	18.0	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	228598	20.0	19.4	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	13364	20.0	19.1	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	71	12405	20.0	26.2	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	175045	20.0	19.2	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	160696	20.0	19.7	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	91	149816	20.0	20.1	
112 Butyl Methacrylate	87	8.778	8.778	0.000	94	56102	20.0	19.4	
113 4-Chlorotoluene	91	8.784	8.778	0.006	99	136680	20.0	19.7	
114 tert-Butylbenzene	119	8.924	8.924	0.000	89	107853	20.0	18.5	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	153678	20.0	19.4	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	179586	20.0	18.6	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	96	148287	20.0	18.6	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	91	73133	20.0	18.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	96	133624	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.192	0.001	91	75794	20.0	18.4	
121 Benzyl chloride	91	9.278	9.278	0.000	96	76622	20.0	15.4	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	94	170516	20.0	19.2	
123 p-Diethylbenzene	119	9.339	9.339	0.000	89	97101	20.0	19.6	
124 n-Butylbenzene	92	9.278	9.357	-0.079	78	6603	20.0	1.43	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	91	72793	20.0	18.1	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	96	132228	20.0	17.5	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.930	0.000	84	9553	20.0	18.1	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	92	45639	20.0	17.2	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	91	38532	20.0	16.6	
130 Hexachlorobutadiene	225	10.576	10.576	0.000	82	14736	20.0	18.0	
131 Naphthalene	128	10.729	10.729	0.000	98	88299	20.0	14.9	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	92	30686	20.0	16.2	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.8	
S 134 Xylenes, Total	100				0		40.0	38.5	
S 135 Total BTEX	1				0		100.0	94.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19607.D

Injection Date: 26-Mar-2016 17:09:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-1 MS

Worklist Smp#: 28

Client ID:

Purge Vol: 5.000 mL

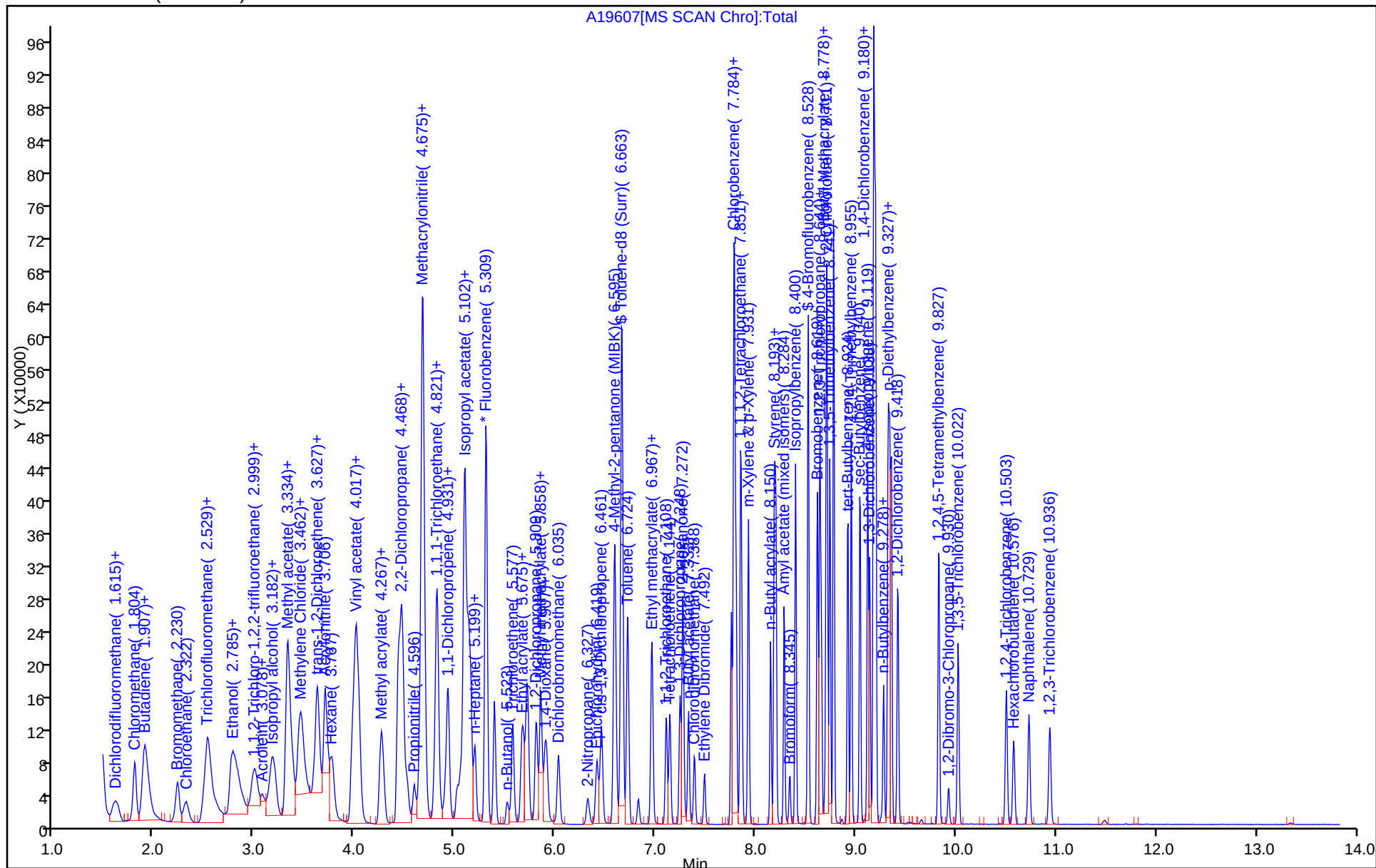
Dil. Factor: 10.0000

ALS Bottle#: 21

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW02A-CP-00-031716 MS</u>	Lab Sample ID: <u>460-110867-10 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19660.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:16</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 18:07</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	221		10	2.2
74-83-9	Bromomethane	222		10	1.8
75-01-4	Vinyl chloride	215		10	0.60
75-00-3	Chloroethane	215		10	3.7
75-09-2	Methylene Chloride	200		10	2.1
67-64-1	Acetone	772		50	11
75-15-0	Carbon disulfide	181		10	2.2
75-69-4	Trichlorofluoromethane	202		10	1.5
75-35-4	1,1-Dichloroethene	195		10	3.4
75-34-3	1,1-Dichloroethane	195		10	2.4
156-60-5	trans-1,2-Dichloroethene	198		10	1.8
156-59-2	cis-1,2-Dichloroethene	196		10	2.6
67-66-3	Chloroform	202		10	2.2
107-06-2	1,2-Dichloroethane	199		10	2.5
78-93-3	2-Butanone	907		50	22
71-55-6	1,1,1-Trichloroethane	197		10	2.8
56-23-5	Carbon tetrachloride	191		10	3.3
75-27-4	Bromodichloromethane	190		10	1.5
78-87-5	1,2-Dichloropropane	189		10	1.8
10061-01-5	cis-1,3-Dichloropropene	196		10	1.6
79-01-6	Trichloroethene	191		10	2.2
124-48-1	Dibromochloromethane	193		10	2.2
79-00-5	1,1,2-Trichloroethane	197		10	0.80
71-43-2	Benzene	195		10	0.90
10061-02-6	trans-1,3-Dichloropropene	195		10	1.9
75-25-2	Bromoform	193		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	1020		50	6.3
591-78-6	2-Hexanone	965		50	7.2
127-18-4	Tetrachloroethene	198		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	188		10	1.9
108-88-3	Toluene	192		10	2.5
108-90-7	Chlorobenzene	193		10	2.4
100-41-4	Ethylbenzene	200		10	3.0
100-42-5	Styrene	201		10	1.7
179601-23-1	m&p-Xylene	212		10	2.8
95-47-6	o-Xylene	203		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW02A-CP-00-031716 MS Lab Sample ID: 460-110867-10 MS
 Matrix: Water Lab File ID: A19660.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:16
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 18:07
 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.: 359095 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	168		10	3.4
75-65-0	TBA	2090		100	12
1634-04-4	Methyl tert-butyl ether	194		10	1.3
110-82-7	Cyclohexane	192		10	2.6
106-93-4	1,2-Dibromoethane	188		10	1.9
541-73-1	1,3-Dichlorobenzene	194		10	3.3
106-46-7	1,4-Dichlorobenzene	191		10	3.3
95-50-1	1,2-Dichlorobenzene	185		10	2.2
75-71-8	Dichlorodifluoromethane	148		10	1.4
120-82-1	1,2,4-Trichlorobenzene	165		10	2.7
123-91-1	1,4-Dioxane	4500		500	87
87-61-6	1,2,3-Trichlorobenzene	165		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	179		10	2.3
74-97-5	Bromochloromethane	201		10	3.0
98-82-8	Isopropylbenzene	198		10	3.2
79-20-9	Methyl acetate	927		50	5.8
108-87-2	Methylcyclohexane	143		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-137
2037-26-5	Toluene-d8 (Surr)	100		74-120
460-00-4	4-Bromofluorobenzene	101		70-131
1868-53-7	Dibromofluoromethane (Surr)	99		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19660.D
 Lims ID: 460-110867-B-10 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 28-Mar-2016 18:07:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-110867-B-10 MS
 Misc. Info.: 460-0039079-026
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:07:55 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: baronm

Date: 29-Mar-2016 15:07:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.597	1.590	0.007	90	10416	20.0	14.8	
3 Dichlorodifluoromethane	85	1.639	1.621	0.018	99	73065	20.0	14.8	
4 Chloromethane	50	1.810	1.804	0.006	99	124793	20.0	22.1	
5 Vinyl chloride	62	1.914	1.901	0.013	98	103782	20.0	21.5	
6 Butadiene	54	1.932	1.920	0.012	98	84969	20.0	18.4	
7 Bromomethane	94	2.237	2.230	0.007	99	58137	20.0	22.2	
8 Chloroethane	64	2.328	2.316	0.012	100	52732	20.0	21.5	
9 Dichlorofluoromethane	67	2.535	2.523	0.012	98	133955	20.0	22.6	
10 Trichlorofluoromethane	101	2.535	2.535	0.000	79	80552	20.0	20.2	
12 Pentane	72	2.578	2.560	0.018	97	14852	40.0	32.4	
13 Ethyl ether	59	2.767	2.761	0.006	94	50220	20.0	20.5	
14 Ethanol	46	2.779	2.773	0.006	74	3909	800.0	327.9	
15 2-Methyl-1,3-butadiene	53	2.798	2.785	0.013	97	43777	20.0	17.1	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.840	0.006	96	38966	20.0	20.7	
17 1,1,2-Trichloro-1,2,2-trif	101	2.999	2.980	0.019	22	36013	20.0	16.8	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	94	45898	20.0	19.5	
19 Acetone	43	3.090	3.078	0.012	86	88391	100.0	77.2	
20 Iodomethane	142	3.169	3.163	0.006	98	73613	20.0	19.7	
22 Isopropyl alcohol	45	3.194	3.169	0.025	4	36624	200.0	262.9	
21 Carbon disulfide	76	3.200	3.194	0.006	100	175901	20.0	18.1	
23 3-Chloro-1-propene	76	3.328	3.316	0.012	92	32660	20.0	19.3	
24 Methyl acetate	43	3.340	3.328	0.012	98	236845	100.0	92.7	
25 Cyclopentene	67	3.340	3.334	0.006	83	126477	20.0	17.8	
26 Acetonitrile	41	3.438	3.438	0.000	8	66874	200.0	148.5	
* 28 TBA-d9 (IS)	65	3.462	3.456	0.006	0	248817	1000.0	1000.0	
27 Methylene Chloride	84	3.468	3.462	0.006	98	61274	20.0	20.0	
29 2-Methyl-2-propanol	59	3.523	3.505	0.018	91	58737	200.0	209.1	
30 Methyl tert-butyl ether	73	3.633	3.614	0.019	94	153776	20.0	19.4	
31 trans-1,2-Dichloroethene	96	3.639	3.627	0.012	96	50001	20.0	19.8	
32 Acrylonitrile	53	3.712	3.706	0.006	93	249687	200.0	194.7	
33 Hexane	43	3.785	3.773	0.012	94	40387	20.0	12.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Isopropyl ether	45	3.992	3.980	0.012	92	223093	20.0	20.1	
35 1,1-Dichloroethane	63	4.011	3.998	0.013	99	108529	20.0	19.5	
36 Vinyl acetate	86	4.029	4.017	0.012	100	17229	40.0	40.8	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	94	41114	20.0	20.2	
38 Tert-butyl ethyl ether	59	4.273	4.267	0.006	88	166724	20.0	19.9	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	336959	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.456	0.006	94	11531	20.0	18.7	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	89	50967	20.0	19.6	
43 Ethyl acetate	70	4.480	4.474	0.006	93	9819	40.0	38.8	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	94	27382	100.0	90.7	
44 Methyl acrylate	55	4.529	4.523	0.006	98	48186	20.0	18.4	
45 Propionitrile	54	4.596	4.590	0.006	97	85390	200.0	194.2	
47 Chlorobromomethane	128	4.657	4.651	0.006	93	22301	20.0	20.1	
46 Tetrahydrofuran	72	4.657	4.657	0.000	61	13274	40.0	38.2	
48 Methacrylonitrile	67	4.681	4.675	0.006	97	216959	200.0	198.6	
49 Chloroform	83	4.700	4.693	0.007	97	87810	20.0	20.2	
50 Cyclohexane	56	4.809	4.803	0.006	98	83565	20.0	19.2	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	107278	50.0	49.3	
52 1,1,1-Trichloroethane	97	4.822	4.821	0.001	95	63689	20.0	19.7	
54 Carbon tetrachloride	117	4.919	4.913	0.006	93	52341	20.0	19.1	
55 1,1-Dichloropropene	75	4.937	4.931	0.006	91	66568	20.0	19.6	
56 Isobutyl alcohol	43	5.029	5.023	0.006	94	63827	500.0	450.4	
57 Isooctane	57	5.065	5.059	0.006	95	72302	20.0	15.6	
58 Benzene	78	5.096	5.090	0.006	99	192879	20.0	19.5	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	0	160131	50.0	48.5	
60 Isopropyl acetate	43	5.132	5.126	0.006	96	197733	20.0	20.9	
61 Tert-amyl methyl ether	73	5.145	5.138	0.007	91	160074	20.0	20.3	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	96	74517	20.0	19.9	
63 n-Heptane	71	5.206	5.199	0.007	95	28654	20.0	11.4	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	422379	50.0	50.0	
65 n-Butanol	56	5.523	5.523	0.000	95	26260	500.0	449.1	
66 Trichloroethene	95	5.577	5.571	0.006	92	43558	20.0	19.1	
67 Ethyl acrylate	55	5.669	5.669	0.000	97	115647	20.0	19.1	
68 Methylcyclohexane	83	5.687	5.681	0.006	85	49718	20.0	14.3	
69 1,2-Dichloropropane	63	5.815	5.809	0.006	92	55886	20.0	18.9	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	17445	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	20573	40.0	38.5	
73 1,4-Dioxane	88	5.901	5.901	0.001	31	7400	400.0	449.8	
72 n-Propyl acetate	43	5.901	5.901	0.001	98	86769	20.0	19.4	
74 Dibromomethane	93	5.919	5.913	0.006	87	29465	20.0	19.1	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	61964	20.0	19.0	
77 2-Nitropropane	41	6.327	6.327	0.000	99	24811	40.0	33.0	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	100396	400.0	378.3	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	96	73613	20.0	19.6	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	321610	100.0	101.7	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	398771	50.0	49.8	
82 Toluene	91	6.724	6.724	0.000	92	181940	20.0	19.2	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	95	65729	20.0	19.5	
84 Ethyl methacrylate	69	6.974	6.967	0.007	91	60418	20.0	19.3	
85 1,1,2-Trichloroethane	83	7.114	7.108	0.006	92	35570	20.0	19.7	
86 Tetrachloroethene	166	7.144	7.144	0.000	91	32386	20.0	19.8	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	71433	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 2-Hexanone	43	7.278	7.272	0.006	99	198844	100.0	96.5	
89 n-Butyl acetate	73	7.333	7.333	0.000	96	12639	20.0	19.7	
90 Chlorodibromomethane	129	7.394	7.388	0.006	96	37063	20.0	19.3	
91 Ethylene Dibromide	107	7.492	7.492	0.000	98	34902	20.0	18.8	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	273289	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	106076	20.0	19.3	
94 Ethylbenzene	106	7.851	7.851	0.000	100	59269	20.0	20.0	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	91	37643	20.0	19.4	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.000	98	76079	20.0	21.2	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	34517	20.0	19.1	
98 o-Xylene	106	8.193	8.187	0.006	92	75999	20.0	20.3	
99 Styrene	104	8.205	8.205	0.000	91	121832	20.0	20.1	
100 Amyl acetate (mixed isomer)	43	8.290	8.290	0.000	88	122021	20.0	19.7	
101 Bromoform	173	8.345	8.345	0.000	89	20038	20.0	19.3	
102 Isopropylbenzene	105	8.400	8.406	-0.006	97	190097	20.0	19.8	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	95018	50.0	50.6	
104 Bromobenzene	156	8.620	8.619	0.001	89	40573	20.0	18.9	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.626	-0.006	98	59007	20.0	18.8	
106 N-Propylbenzene	91	8.644	8.644	0.000	97	251818	20.0	19.7	
107 1,2,3-Trichloropropane	110	8.662	8.662	0.000	93	15255	20.0	20.1	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.662	0.000	72	15561	20.0	30.2	
109 4-Ethyltoluene	105	8.711	8.711	0.000	97	203885	20.0	20.6	
110 2-Chlorotoluene	91	8.717	8.723	-0.006	96	173071	20.0	19.5	
111 1,3,5-Trimethylbenzene	105	8.748	8.748	0.000	91	163104	20.0	20.2	
112 Butyl Methacrylate	87	8.784	8.784	0.000	74	63528	20.0	20.2	
113 4-Chlorotoluene	91	8.784	8.790	-0.006	96	150454	20.0	20.0	
114 tert-Butylbenzene	119	8.924	8.930	-0.006	90	123194	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	8.961	8.967	-0.006	99	176100	20.0	20.5	
116 sec-Butylbenzene	105	9.046	9.052	-0.006	98	202565	20.0	19.4	
117 4-Isopropyltoluene	119	9.126	9.132	-0.006	96	166441	20.0	19.3	
118 1,3-Dichlorobenzene	146	9.144	9.150	-0.006	91	82923	20.0	19.4	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.193	-0.006	97	145094	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.205	-0.006	90	85223	20.0	19.1	
121 Benzyl chloride	91	9.284	9.290	-0.006	97	89738	20.0	16.7	
122 2,3-Dihydroindene	117	9.327	9.333	-0.006	93	192691	20.0	20.0	
123 p-Diethylbenzene	119	9.345	9.351	-0.006	91	109603	20.0	20.4	
124 n-Butylbenzene	92	9.357	9.363	-0.006	97	101042	20.0	20.2	
125 1,2-Dichlorobenzene	146	9.424	9.430	-0.006	91	80656	20.0	18.5	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.845	-0.012	95	148690	20.0	18.2	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.942	-0.012	84	10282	20.0	17.9	
128 1,3,5-Trichlorobenzene	180	10.028	10.034	-0.006	92	49643	20.0	17.2	
129 1,2,4-Trichlorobenzene	180	10.509	10.515	-0.006	91	41734	20.0	16.5	
130 Hexachlorobutadiene	225	10.583	10.595	-0.012	83	16391	20.0	18.4	
131 Naphthalene	128	10.735	10.747	-0.012	98	129466	20.0	20.1	
132 1,2,3-Trichlorobenzene	180	10.942	10.954	-0.012	91	33887	20.0	16.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 134 Xylenes, Total	100				0		40.0	41.6	
S 135 Total BTEX	1				0		100.0	100.3	

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19660.D

Injection Date: 28-Mar-2016 18:07:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-10 MS

Worklist Smp#: 26

Client ID:

Purge Vol: 5.000 mL

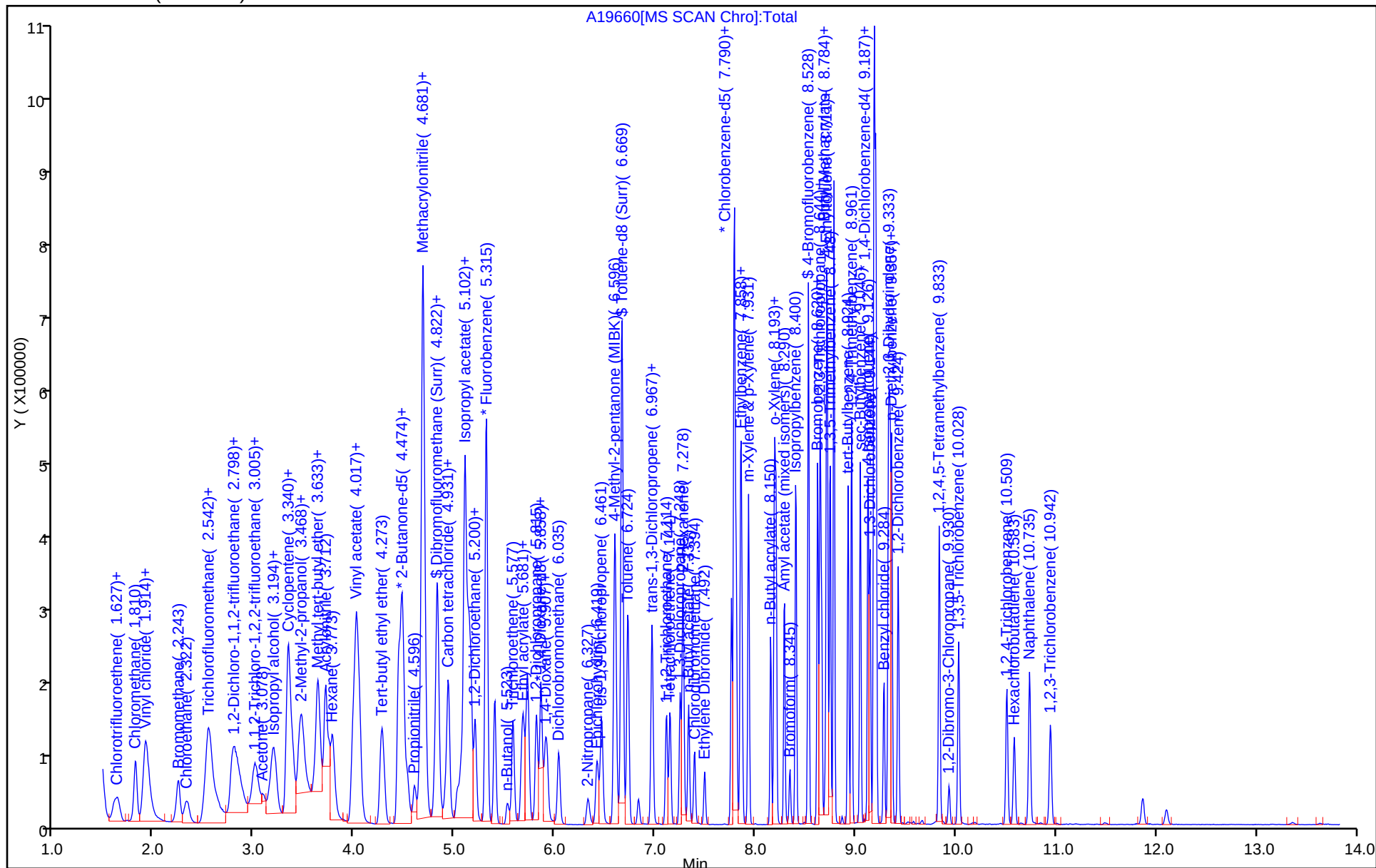
Dil. Factor: 10.0000

ALS Bottle#: 25

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-111146-B-2 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19679.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/27/2016 11:45</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>03/29/2016 01:17</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359204</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	194		10	2.2
74-83-9	Bromomethane	190		10	1.8
75-01-4	Vinyl chloride	193		10	0.60
75-00-3	Chloroethane	184		10	3.7
75-09-2	Methylene Chloride	192		10	2.1
67-64-1	Acetone	783		50	11
75-15-0	Carbon disulfide	163		10	2.2
75-69-4	Trichlorofluoromethane	210		10	1.5
75-35-4	1,1-Dichloroethene	184		10	3.4
75-34-3	1,1-Dichloroethane	186		10	2.4
156-60-5	trans-1,2-Dichloroethene	186		10	1.8
156-59-2	cis-1,2-Dichloroethene	183		10	2.6
67-66-3	Chloroform	194		10	2.2
107-06-2	1,2-Dichloroethane	191		10	2.5
78-93-3	2-Butanone	838		50	22
71-55-6	1,1,1-Trichloroethane	186		10	2.8
56-23-5	Carbon tetrachloride	182		10	3.3
75-27-4	Bromodichloromethane	174		10	1.5
78-87-5	1,2-Dichloropropane	178		10	1.8
10061-01-5	cis-1,3-Dichloropropene	177		10	1.6
79-01-6	Trichloroethene	178		10	2.2
124-48-1	Dibromochloromethane	165		10	2.2
79-00-5	1,1,2-Trichloroethane	172		10	0.80
71-43-2	Benzene	177		10	0.90
10061-02-6	trans-1,3-Dichloropropene	174		10	1.9
75-25-2	Bromoform	164		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	911		50	6.3
591-78-6	2-Hexanone	880		50	7.2
127-18-4	Tetrachloroethene	184		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	171		10	1.9
108-88-3	Toluene	175		10	2.5
108-90-7	Chlorobenzene	177		10	2.4
100-41-4	Ethylbenzene	182		10	3.0
100-42-5	Styrene	185		10	1.7
179601-23-1	m&p-Xylene	183		10	2.8
95-47-6	o-Xylene	184		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-111146-B-2 MS
 Matrix: Water Lab File ID: A19679.D
 Analysis Method: 8260C Date Collected: 03/27/2016 11:45
 Sample wt/vol: 5 (mL) Date Analyzed: 03/29/2016 01:17
 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.: 359204 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	212		10	3.4
75-65-0	TBA	2030		100	12
1634-04-4	Methyl tert-butyl ether	185		10	1.3
110-82-7	Cyclohexane	228		10	2.6
106-93-4	1,2-Dibromoethane	173		10	1.9
541-73-1	1,3-Dichlorobenzene	179		10	3.3
106-46-7	1,4-Dichlorobenzene	178		10	3.3
95-50-1	1,2-Dichlorobenzene	176		10	2.2
75-71-8	Dichlorodifluoromethane	197		10	1.4
120-82-1	1,2,4-Trichlorobenzene	160		10	2.7
123-91-1	1,4-Dioxane	4270		500	87
87-61-6	1,2,3-Trichlorobenzene	160		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	176		10	2.3
74-97-5	Bromochloromethane	188		10	3.0
98-82-8	Isopropylbenzene	185		10	3.2
79-20-9	Methyl acetate	989		50	5.8
108-87-2	Methylcyclohexane	179		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	101		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19679.D
 Lims ID: 460-111146-B-2 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 29-Mar-2016 01:17:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-111146-B-2 MS
 Misc. Info.: 460-0039108-014
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 13:47:57 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: desais

Date: 29-Mar-2016 11:08:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.584	1.590	-0.006	91	11993	20.0	18.9	
3 Dichlorodifluoromethane	85	1.621	1.633	-0.012	99	87614	20.0	19.7	
4 Chloromethane	50	1.798	1.810	-0.012	99	98409	20.0	19.4	
5 Vinyl chloride	62	1.895	1.901	-0.006	98	83771	20.0	19.3	
6 Butadiene	54	1.913	1.926	-0.013	98	76076	20.0	18.3	
7 Bromomethane	94	2.224	2.236	-0.012	99	44627	20.0	19.0	
8 Chloroethane	64	2.310	2.316	-0.006	99	40450	20.0	18.4	
9 Dichlorofluoromethane	67	2.517	2.523	-0.006	98	103111	20.0	19.4	
10 Trichlorofluoromethane	101	2.523	2.535	-0.012	76	75058	20.0	21.0	
12 Pentane	72	2.554	2.560	-0.006	98	16037	40.0	39.0	
13 Ethyl ether	59	2.761	2.767	-0.006	95	40438	20.0	18.4	
14 Ethanol	46	2.755	2.773	-0.018	72	9377	800.0	876.1	
15 2-Methyl-1,3-butadiene	53	2.791	2.797	-0.006	98	39234	20.0	17.1	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.840	0.000	94	35136	20.0	20.8	
17 1,1,2-Trichloro-1,2,2-trif	101	2.986	2.992	-0.006	20	41106	20.0	21.2	
18 1,1-Dichloroethene	96	3.011	3.011	0.000	96	38872	20.0	18.4	
19 Acetone	43	3.090	3.084	0.006	85	80857	100.0	78.3	
20 Iodomethane	142	3.163	3.163	0.000	100	63813	20.0	19.1	
22 Isopropyl alcohol	45	3.182	3.175	0.007	1	34118	200.0	272.0	
21 Carbon disulfide	76	3.194	3.194	0.000	100	142175	20.0	16.3	
23 3-Chloro-1-propene	76	3.322	3.322	0.000	65	27244	20.0	17.9	
26 Acetonitrile	41	3.438	3.322	0.116	8	68412	200.0	168.4	
24 Methyl acetate	43	3.328	3.334	-0.006	98	226741	100.0	98.9	
25 Cyclopentene	67	3.340	3.346	-0.006	66	125120	20.0	19.7	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	224391	1000.0	1000.0	
27 Methylene Chloride	84	3.456	3.468	-0.012	97	52859	20.0	19.2	
29 2-Methyl-2-propanol	59	3.535	3.529	0.006	91	51325	200.0	202.6	
11 Acrolein	56	3.620	3.626	-0.006	30	9053	40.0	63.7	
30 Methyl tert-butyl ether	73	3.620	3.633	-0.013	97	131021	20.0	18.5	
31 trans-1,2-Dichloroethene	96	3.627	3.633	-0.006	96	42118	20.0	18.6	
32 Acrylonitrile	53	3.706	3.706	0.000	93	214944	200.0	186.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.773	3.779	-0.006	95	50767	20.0	18.2	
34 Isopropyl ether	45	3.986	3.992	-0.006	92	186659	20.0	18.8	
35 1,1-Dichloroethane	63	4.005	4.011	-0.007	99	92677	20.0	18.6	
36 Vinyl acetate	86	4.017	4.023	-0.006	100	14093	40.0	37.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.047	-0.006	93	36396	20.0	19.9	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	137998	20.0	18.4	
* 39 2-Butanone-d5	46	4.431	4.437	-0.006	0	304095	250.0	250.0	
40 2,2-Dichloropropane	97	4.450	4.462	-0.012	86	10331	20.0	18.7	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	87	42811	20.0	18.3	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	94	22843	100.0	83.8	
43 Ethyl acetate	70	4.474	4.480	-0.006	93	8252	40.0	36.1	
44 Methyl acrylate	55	4.523	4.529	-0.006	98	41773	20.0	17.8	
45 Propionitrile	54	4.596	4.596	0.000	97	72628	200.0	184.1	
47 Chlorobromomethane	128	4.651	4.657	-0.006	93	18690	20.0	18.8	
46 Tetrahydrofuran	72	4.651	4.657	-0.006	63	11370	40.0	36.2	
48 Methacrylonitrile	67	4.675	4.675	0.000	97	179572	200.0	183.2	
49 Chloroform	83	4.693	4.693	0.000	97	75633	20.0	19.4	
50 Cyclohexane	56	4.803	4.809	-0.006	97	89046	20.0	22.8	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	75	54075	20.0	18.6	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	98684	50.0	50.5	
54 Carbon tetrachloride	117	4.913	4.913	0.000	93	44700	20.0	18.2	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	91	57815	20.0	19.0	
57 Isooctane	57	5.059	5.059	0.000	96	91403	20.0	21.9	
56 Isobutyl alcohol	43	5.059	5.065	-0.006	49	60187	500.0	471.0	
51 2,4,4-Trimethyl-1-pentene	57	5.059	5.065	-0.006	88	91973		NC	
58 Benzene	78	5.090	5.096	-0.006	99	160601	20.0	17.7	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	151445	50.0	51.1	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	163652	20.0	19.3	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	92	131543	20.0	18.6	
62 1,2-Dichloroethane	62	5.157	5.163	-0.006	95	64081	20.0	19.1	
63 n-Heptane	71	5.199	5.199	0.000	97	38131	20.0	17.0	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	379005	50.0	50.0	
65 n-Butanol	56	5.523	5.522	0.000	95	22633	500.0	429.2	
66 Trichloroethene	95	5.577	5.577	0.000	92	36397	20.0	17.8	
67 Ethyl acrylate	55	5.669	5.669	0.000	97	130990	20.0	24.1	
68 Methylcyclohexane	83	5.681	5.687	-0.006	85	55741	20.0	17.9	
69 1,2-Dichloropropane	63	5.809	5.815	-0.006	94	46991	20.0	17.8	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	16697	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	17090	40.0	35.6	
73 1,4-Dioxane	88	5.907	5.894	0.013	28	6718	400.0	426.7	
72 n-Propyl acetate	43	5.894	5.894	0.000	98	72691	20.0	18.1	
74 Dibromomethane	93	5.913	5.919	-0.006	86	24962	20.0	18.1	
75 Dichlorobromomethane	83	6.035	6.035	0.000	97	50891	20.0	17.4	
76 2-Chloroethyl vinyl ether	63	6.315	6.315	0.000	38	1864	20.0	1.26	
77 2-Nitropropane	41	6.321	6.327	-0.006	99	21551	40.0	32.0	
78 Epichlorohydrin	57	6.419	6.419	0.000	100	88245	400.0	368.4	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	96	60843	20.0	17.7	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	260020	100.0	91.1	
\$ 81 Toluene-d8 (Surr)	98	6.663	6.669	-0.006	97	361183	50.0	49.3	
82 Toluene	91	6.723	6.723	0.000	92	151622	20.0	17.5	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	53724	20.0	17.4	
84 Ethyl methacrylate	69	6.973	6.973	0.000	91	49306	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	92	28451	20.0	17.2	
86 Tetrachloroethene	166	7.144	7.144	0.000	89	27544	20.0	18.4	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	59610	20.0	17.4	
88 2-Hexanone	43	7.272	7.272	0.000	99	163662	100.0	88.0	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	9925	20.0	16.9	
90 Chlorodibromomethane	129	7.388	7.388	0.000	94	28884	20.0	16.5	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	29358	20.0	17.3	
* 92 Chlorobenzene-d5	117	7.784	7.790	-0.006	92	249922	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	88927	20.0	17.7	
94 Ethylbenzene	106	7.851	7.851	0.000	100	49234	20.0	18.2	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.863	0.001	91	32429	20.0	18.3	
96 m-Xylene & p-Xylene	106	7.931	7.930	0.001	98	59968	20.0	18.3	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	28522	20.0	17.3	
98 o-Xylene	106	8.187	8.187	0.000	91	63039	20.0	18.4	
99 Styrene	104	8.205	8.205	0.000	91	102170	20.0	18.5	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	86	102139	20.0	17.8	
101 Bromoform	173	8.345	8.345	0.000	89	15549	20.0	16.4	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	163000	20.0	18.5	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	86907	50.0	50.6	
104 Bromobenzene	156	8.619	8.619	0.000	89	34328	20.0	17.3	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	49642	20.0	17.1	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	213617	20.0	18.1	
107 1,2,3-Trichloropropane	110	8.656	8.662	-0.006	93	12581	20.0	17.9	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.662	0.000	71	12934	20.0	27.2	
109 4-Ethyltoluene	105	8.711	8.711	0.000	97	171785	20.0	18.8	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	150901	20.0	18.4	
111 1,3,5-Trimethylbenzene	105	8.741	8.747	-0.006	91	141387	20.0	19.0	
112 Butyl Methacrylate	87	8.784	8.784	0.000	90	53178	20.0	18.3	
113 4-Chlorotoluene	91	8.784	8.784	0.000	97	129147	20.0	18.6	
114 tert-Butylbenzene	119	8.924	8.924	0.000	90	102890	20.0	17.6	
115 1,2,4-Trimethylbenzene	105	8.961	8.961	0.000	98	146038	20.0	18.4	
116 sec-Butylbenzene	105	9.046	9.046	0.000	98	175907	20.0	18.2	
117 4-Isopropyltoluene	119	9.119	9.125	-0.006	96	144965	20.0	18.2	
118 1,3-Dichlorobenzene	146	9.144	9.144	0.000	91	70683	20.0	17.9	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.186	-0.006	96	134000	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.199	0.000	88	73291	20.0	17.8	
121 Benzyl chloride	91	9.278	9.284	-0.006	97	86198	20.0	17.3	
122 2,3-Dihydroindene	117	9.327	9.333	-0.006	94	164999	20.0	18.5	
123 p-Diethylbenzene	119	9.339	9.345	-0.006	90	94659	20.0	19.1	
124 n-Butylbenzene	92	9.357	9.363	-0.006	96	88539	20.0	19.2	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	91	70744	20.0	17.6	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.839	-0.006	96	124908	20.0	16.5	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.936	-0.006	83	9318	20.0	17.6	
128 1,3,5-Trichlorobenzene	180	10.028	10.028	0.000	93	44783	20.0	16.8	
129 1,2,4-Trichlorobenzene	180	10.509	10.509	0.000	92	37284	20.0	16.0	
130 Hexachlorobutadiene	225	10.582	10.589	-0.006	84	14891	20.0	18.1	
131 Naphthalene	128	10.735	10.741	-0.006	98	87918	20.0	14.7	
132 1,2,3-Trichlorobenzene	180	10.942	10.948	-0.006	91	30306	20.0	16.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.9	
S 134 Xylenes, Total	100				0		40.0	36.7	
S 135 Total BTEX	1				0		100.0	90.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39108.b\\A19679.D

Injection Date: 29-Mar-2016 01:17:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-111146-B-2 MS

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

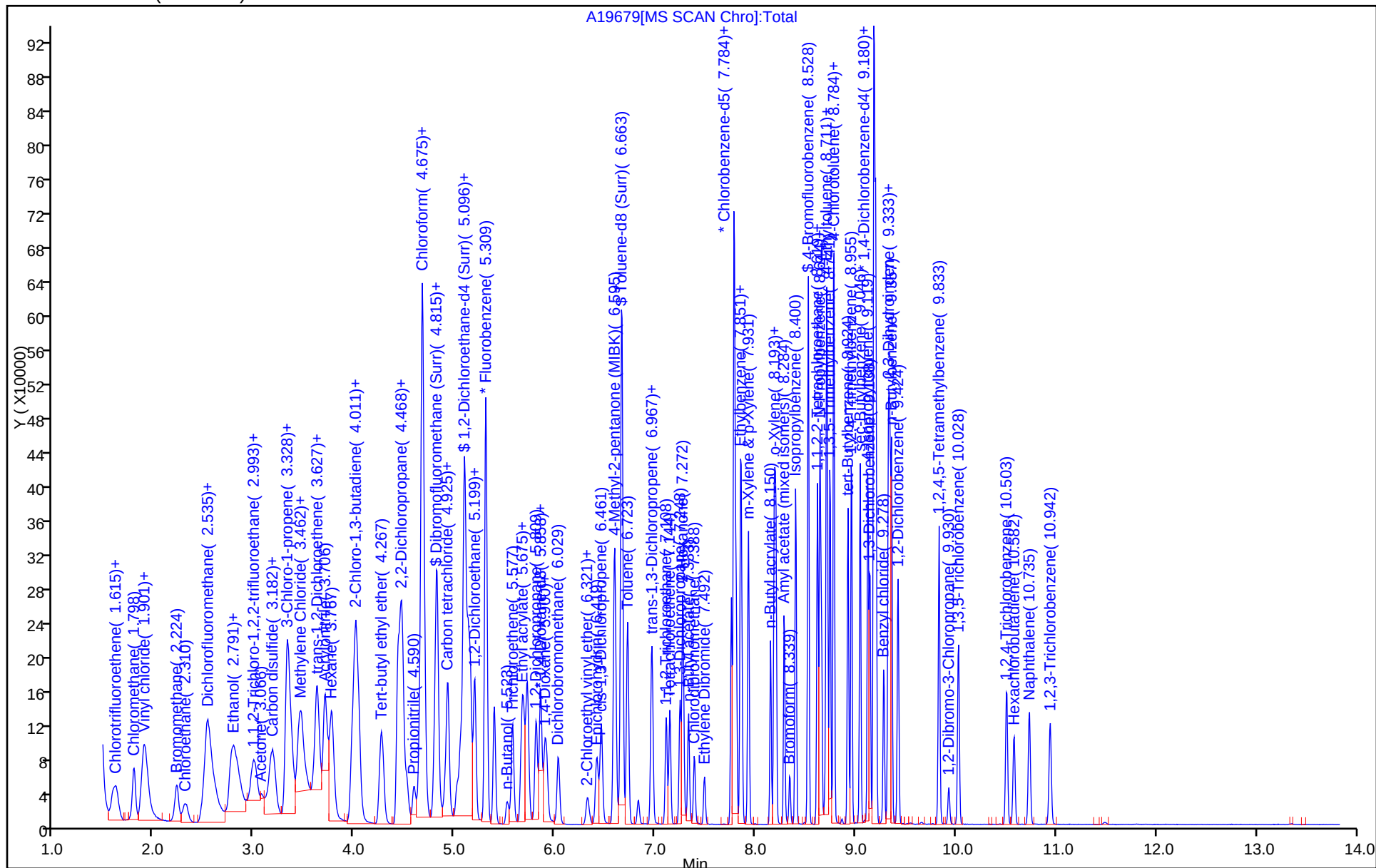
Dil. Factor: 10.0000

ALS Bottle#: 13

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>BP3A-CP-00-031716 MSD</u>	Lab Sample ID: <u>460-110867-1 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19608.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/14/2016 11:34</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/26/2016 17:30</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>358833</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	216		10	2.2
74-83-9	Bromomethane	208		10	1.8
75-01-4	Vinyl chloride	207		10	0.60
75-00-3	Chloroethane	207		10	3.7
75-09-2	Methylene Chloride	191		10	2.1
67-64-1	Acetone	775		50	11
75-15-0	Carbon disulfide	158		10	2.2
75-69-4	Trichlorofluoromethane	175		10	1.5
75-35-4	1,1-Dichloroethene	186		10	3.4
75-34-3	1,1-Dichloroethane	183		10	2.4
156-60-5	trans-1,2-Dichloroethene	185		10	1.8
156-59-2	cis-1,2-Dichloroethene	184		10	2.6
67-66-3	Chloroform	193		10	2.2
107-06-2	1,2-Dichloroethane	193		10	2.5
78-93-3	2-Butanone	884		50	22
71-55-6	1,1,1-Trichloroethane	194		10	2.8
56-23-5	Carbon tetrachloride	181		10	3.3
75-27-4	Bromodichloromethane	183		10	1.5
78-87-5	1,2-Dichloropropane	180		10	1.8
10061-01-5	cis-1,3-Dichloropropene	180		10	1.6
79-01-6	Trichloroethene	180		10	2.2
124-48-1	Dibromochloromethane	178		10	2.2
79-00-5	1,1,2-Trichloroethane	179		10	0.80
71-43-2	Benzene	179		10	0.90
10061-02-6	trans-1,3-Dichloropropene	177		10	1.9
75-25-2	Bromoform	177		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	964		50	6.3
591-78-6	2-Hexanone	932		50	7.2
127-18-4	Tetrachloroethene	181		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	178		10	1.9
108-88-3	Toluene	179		10	2.5
108-90-7	Chlorobenzene	181		10	2.4
100-41-4	Ethylbenzene	185		10	3.0
100-42-5	Styrene	186		10	1.7
179601-23-1	m&p-Xylene	186		10	2.8
95-47-6	o-Xylene	185		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: BP3A-CP-00-031716 MSD Lab Sample ID: 460-110867-1 MSD
 Matrix: Water Lab File ID: A19608.D
 Analysis Method: 8260C Date Collected: 03/14/2016 11:34
 Sample wt/vol: 5 (mL) Date Analyzed: 03/26/2016 17:30
 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.: 358833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	135		10	3.4
75-65-0	TBA	1710		100	12
1634-04-4	Methyl tert-butyl ether	189		10	1.3
110-82-7	Cyclohexane	159		10	2.6
106-93-4	1,2-Dibromoethane	176		10	1.9
541-73-1	1,3-Dichlorobenzene	182		10	3.3
106-46-7	1,4-Dichlorobenzene	180		10	3.3
95-50-1	1,2-Dichlorobenzene	181		10	2.2
75-71-8	Dichlorodifluoromethane	105		10	1.4
120-82-1	1,2,4-Trichlorobenzene	169		10	2.7
123-91-1	1,4-Dioxane	5030		500	87
87-61-6	1,2,3-Trichlorobenzene	186		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	185		10	2.3
74-97-5	Bromochloromethane	187		10	3.0
98-82-8	Isopropylbenzene	184		10	3.2
79-20-9	Methyl acetate	947		50	5.8
108-87-2	Methylcyclohexane	120		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	102		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\A19608.D
 Lims ID: 460-110867-B-1 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 26-Mar-2016 17:30:30 ALS Bottle#: 22 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-110867-B-1 MSD
 Misc. Info.: 460-0039013-029
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160326-39013.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 22:39:00 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: desais

Date: 28-Mar-2016 09:42:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.597	1.590	0.007	90	6802	20.0	10.6	
3 Dichlorodifluoromethane	85	1.633	1.627	0.006	99	47315	20.0	10.5	
4 Chloromethane	50	1.810	1.804	0.006	99	111151	20.0	21.6	
5 Vinyl chloride	62	1.901	1.901	0.000	98	91180	20.0	20.7	
6 Butadiene	54	1.920	1.932	-0.012	98	72347	20.0	17.1	
7 Bromomethane	94	2.237	2.236	0.001	99	49710	20.0	20.8	
8 Chloroethane	64	2.322	2.310	0.012	100	46365	20.0	20.7	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	118041	20.0	21.8	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	61	63698	20.0	17.5	
12 Pentane	72	2.554	2.566	-0.012	98	7898	40.0	18.9	
14 Ethanol	46	2.749	2.767	-0.018	40	11429	800.0	1024.9	
13 Ethyl ether	59	2.767	2.767	0.000	92	41993	20.0	18.8	
15 2-Methyl-1,3-butadiene	53	2.785	2.797	-0.012	96	37382	20.0	16.0	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.852	-0.012	80	33351	20.0	19.4	
17 1,1,2-Trichloro-1,2,2-trif	101	3.005	2.974	0.031	36	26298	20.0	13.5	
18 1,1-Dichloroethene	96	3.005	2.992	0.013	93	39998	20.0	18.6	
19 Acetone	43	3.090	3.084	0.006	86	80669	100.0	77.5	
20 Iodomethane	142	3.163	3.163	0.000	99	63858	20.0	18.8	
21 Carbon disulfide	76	3.200	3.200	0.000	100	139713	20.0	15.8	
23 3-Chloro-1-propene	76	3.322	3.322	0.000	92	27881	20.0	18.1	
24 Methyl acetate	43	3.340	3.334	0.006	98	220673	100.0	94.7	
25 Cyclopentene	67	3.346	3.340	0.006	64	112696	20.0	17.4	
27 Methylene Chloride	84	3.468	3.462	0.006	97	53386	20.0	19.1	
* 28 TBA-d9 (IS)	65	3.468	3.468	0.000	0	234068	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.523	3.541	-0.018	93	45234	200.0	171.1	
30 Methyl tert-butyl ether	73	3.627	3.620	0.007	97	136466	20.0	18.9	
31 trans-1,2-Dichloroethene	96	3.633	3.626	0.007	98	42557	20.0	18.5	
32 Acrylonitrile	53	3.706	3.706	0.000	94	219370	200.0	187.5	
33 Hexane	43	3.779	3.773	0.006	95	26698	20.0	9.36	
34 Isopropyl ether	45	3.986	3.986	0.000	93	193082	20.0	19.1	
35 1,1-Dichloroethane	63	4.011	4.004	0.007	99	93049	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	86	4.023	4.023	0.000	100	14614	40.0	38.0	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	94	36498	20.0	19.7	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	87	142870	20.0	18.7	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	0	306381	250.0	250.0	
40 2,2-Dichloropropane	97	4.450	4.462	-0.012	73	9784	20.0	17.4	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	87	43635	20.0	18.4	
43 Ethyl acetate	70	4.480	4.480	0.000	92	8196	40.0	35.6	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	94	24260	100.0	88.4	
44 Methyl acrylate	55	4.529	4.523	0.006	97	43383	20.0	18.2	
45 Propionitrile	54	4.596	4.596	0.000	97	75169	200.0	187.5	
47 Chlorobromomethane	128	4.657	4.651	0.006	93	18958	20.0	18.7	
46 Tetrahydrofuran	72	4.657	4.657	0.000	64	12350	40.0	39.1	
48 Methacrylonitrile	67	4.681	4.675	0.006	97	187686	200.0	188.4	
49 Chloroform	83	4.693	4.693	0.000	97	76778	20.0	19.3	
50 Cyclohexane	56	4.809	4.809	0.000	97	63109	20.0	15.9	
\$ 53 Dibromofluoromethane (Surr	113	4.822	4.821	0.001	95	99376	50.0	50.1	
52 1,1,1-Trichloroethane	97	4.822	4.821	0.001	93	57327	20.0	19.4	
51 2,4,4-Trimethyl-1-pentene	57	4.822	4.821	0.001	39	1515		NC	
54 Carbon tetrachloride	117	4.919	4.913	0.006	93	45277	20.0	18.1	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	91	57663	20.0	18.6	
56 Isobutyl alcohol	43	5.029	5.029	0.000	96	59051	500.0	443.0	
57 Isooctane	57	5.065	5.059	0.006	95	51760	20.0	12.2	
58 Benzene	78	5.096	5.090	0.006	99	166072	20.0	17.9	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	152130	50.0	50.5	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	164483	20.0	19.1	
61 Tert-amyl methyl ether	73	5.139	5.138	0.000	91	128519	20.0	17.9	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	97	65963	20.0	19.3	
63 n-Heptane	71	5.199	5.199	0.000	96	19946	20.0	8.69	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	385239	50.0	50.0	
65 n-Butanol	56	5.523	5.522	0.001	97	25433	500.0	462.4	
66 Trichloroethene	95	5.577	5.571	0.006	91	37405	20.0	18.0	
67 Ethyl acrylate	55	5.669	5.663	0.006	98	92103	20.0	16.7	
68 Methylcyclohexane	83	5.681	5.681	0.000	81	37884	20.0	12.0	
69 1,2-Dichloropropane	63	5.815	5.809	0.006	94	48308	20.0	18.0	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	0	15624	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	17522	40.0	35.9	
72 n-Propyl acetate	43	5.901	5.894	0.007	98	75115	20.0	18.4	
73 1,4-Dioxane	88	5.894	5.907	-0.012	28	7406	400.0	502.7	
74 Dibromomethane	93	5.919	5.913	0.006	88	25533	20.0	18.2	
75 Dichlorobromomethane	83	6.035	6.028	0.007	97	54539	20.0	18.3	
77 2-Nitropropane	41	6.333	6.321	0.012	99	22126	40.0	32.3	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	85310	400.0	353.5	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	98	63340	20.0	18.0	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	277089	100.0	96.4	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.662	0.007	97	369327	50.0	49.3	
82 Toluene	91	6.724	6.723	0.001	92	158482	20.0	17.9	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	55914	20.0	17.7	
84 Ethyl methacrylate	69	6.974	6.967	0.007	93	51736	20.0	18.1	
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	91	30259	20.0	17.9	
86 Tetrachloroethene	166	7.144	7.144	0.000	89	27651	20.0	18.1	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	63010	20.0	18.0	
88 2-Hexanone	43	7.278	7.272	0.006	99	174566	100.0	93.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 n-Butyl acetate	73	7.333	7.333	0.000	96	10407	20.0	17.4	
90 Chlorodibromomethane	129	7.394	7.388	0.006	96	31850	20.0	17.8	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	30478	20.0	17.6	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	255580	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	93059	20.0	18.1	
94 Ethylbenzene	106	7.851	7.851	0.000	100	51278	20.0	18.5	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.863	0.001	92	32434	20.0	17.9	
96 m-Xylene & p-Xylene	106	7.931	7.931	0.001	98	62161	20.0	18.6	
97 n-Butyl acrylate	73	8.150	8.150	0.000	94	29609	20.0	17.5	
98 o-Xylene	106	8.187	8.187	0.000	92	64717	20.0	18.5	
99 Styrene	104	8.205	8.205	0.000	90	105099	20.0	18.6	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	87	106717	20.0	18.4	
101 Bromoform	173	8.345	8.345	0.000	90	17210	20.0	17.7	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	165626	20.0	18.4	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	89254	50.0	50.8	
104 Bromobenzene	156	8.620	8.619	0.001	88	34787	20.0	17.3	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.619	0.001	98	52453	20.0	17.8	
106 N-Propylbenzene	91	8.644	8.644	0.000	97	220832	20.0	18.5	
107 1,2,3-Trichloropropane	110	8.662	8.656	0.006	93	13551	20.0	19.1	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.656	0.006	71	12397	20.0	25.8	
109 4-Ethyltoluene	105	8.711	8.705	0.006	97	175619	20.0	19.0	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	152658	20.0	18.4	
111 1,3,5-Trimethylbenzene	105	8.748	8.741	0.007	91	145131	20.0	19.2	
112 Butyl Methacrylate	87	8.784	8.778	0.006	72	56161	20.0	19.1	
113 4-Chlorotoluene	91	8.784	8.778	0.006	96	134949	20.0	19.1	
114 tert-Butylbenzene	119	8.924	8.924	0.000	89	107074	20.0	18.1	
115 1,2,4-Trimethylbenzene	105	8.961	8.955	0.006	98	150349	20.0	18.7	
116 sec-Butylbenzene	105	9.046	9.040	0.006	98	177377	20.0	18.1	
117 4-Isopropyltoluene	119	9.126	9.119	0.007	96	145950	20.0	18.1	
118 1,3-Dichlorobenzene	146	9.144	9.138	0.006	91	72664	20.0	18.2	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.006	96	135744	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.192	0.007	88	74983	20.0	18.0	
121 Benzyl chloride	91	9.284	9.278	0.006	97	75779	20.0	15.0	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	93	168892	20.0	18.7	
123 p-Diethylbenzene	119	9.345	9.339	0.006	90	95483	20.0	19.0	
124 n-Butylbenzene	92	9.284	9.357	-0.073	78	6343	20.0	1.36	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	91	73652	20.0	18.1	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.833	0.000	96	131234	20.0	17.1	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.930	0.000	85	9902	20.0	18.5	
128 1,3,5-Trichlorobenzene	180	10.028	10.022	0.006	92	46113	20.0	17.1	
129 1,2,4-Trichlorobenzene	180	10.509	10.503	0.006	91	40001	20.0	16.9	
130 Hexachlorobutadiene	225	10.583	10.576	0.007	82	14731	20.0	17.7	
131 Naphthalene	128	10.735	10.729	0.006	98	106887	20.0	17.7	
132 1,2,3-Trichlorobenzene	180	10.942	10.936	0.006	92	35697	20.0	18.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.8	
S 134 Xylenes, Total	100				0		40.0	37.1	
S 135 Total BTEX	1				0		100.0	91.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160326-39013.b\\A19608.D

Injection Date: 26-Mar-2016 17:30:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-1 MSD

Worklist Smp#: 29

Client ID:

Purge Vol: 5.000 mL

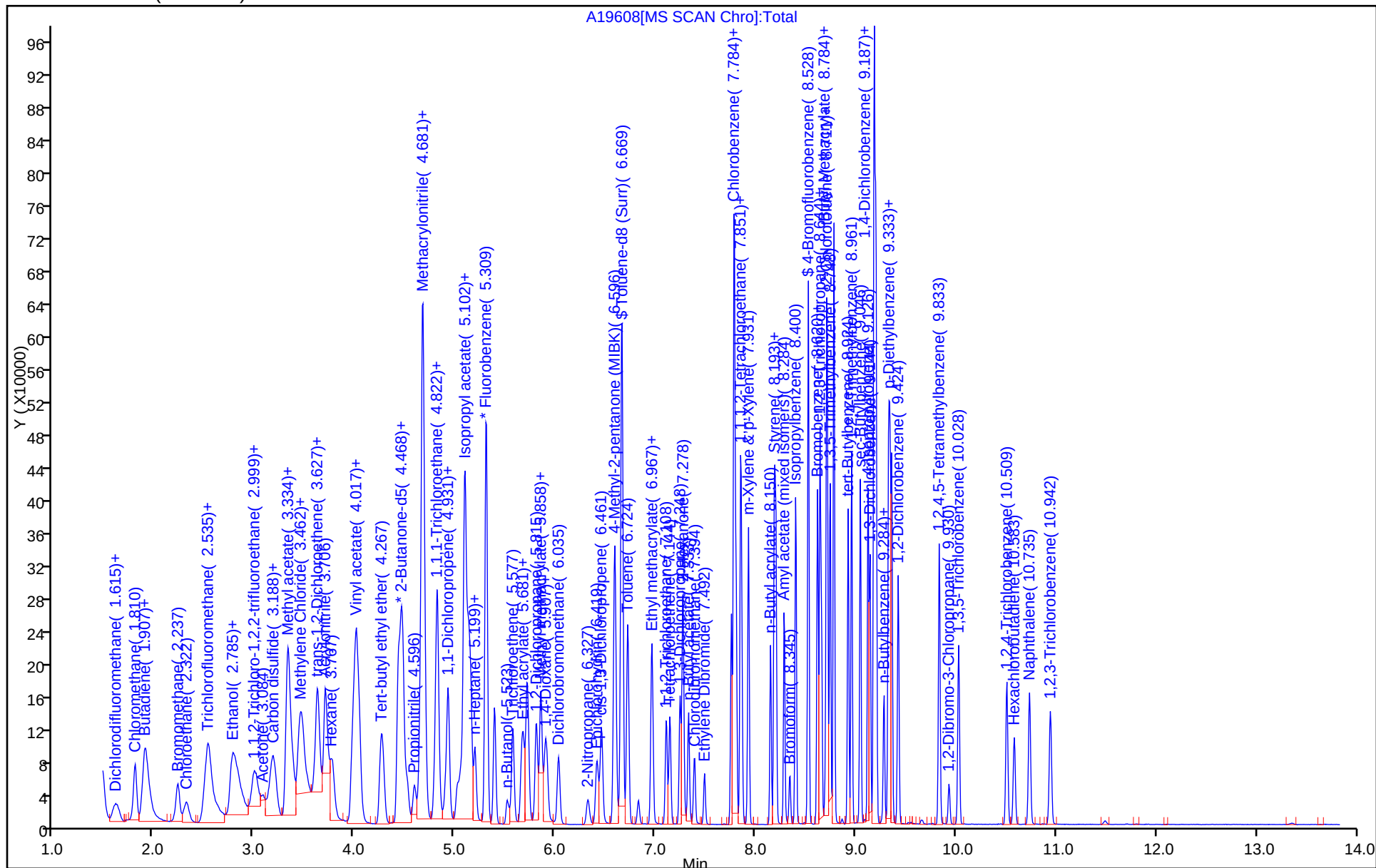
Dil. Factor: 10.0000

ALS Bottle#: 22

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: <u>EW02A-CP-00-031716 MSD</u>	Lab Sample ID: <u>460-110867-10 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19661.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/15/2016 14:16</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/28/2016 18:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359095</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	224		10	2.2
74-83-9	Bromomethane	215		10	1.8
75-01-4	Vinyl chloride	215		10	0.60
75-00-3	Chloroethane	217		10	3.7
75-09-2	Methylene Chloride	200		10	2.1
67-64-1	Acetone	798		50	11
75-15-0	Carbon disulfide	173		10	2.2
75-69-4	Trichlorofluoromethane	205		10	1.5
75-35-4	1,1-Dichloroethene	196		10	3.4
75-34-3	1,1-Dichloroethane	194		10	2.4
156-60-5	trans-1,2-Dichloroethene	195		10	1.8
156-59-2	cis-1,2-Dichloroethene	195		10	2.6
67-66-3	Chloroform	196		10	2.2
107-06-2	1,2-Dichloroethane	193		10	2.5
78-93-3	2-Butanone	875		50	22
71-55-6	1,1,1-Trichloroethane	199		10	2.8
56-23-5	Carbon tetrachloride	194		10	3.3
75-27-4	Bromodichloromethane	186		10	1.5
78-87-5	1,2-Dichloropropane	186		10	1.8
10061-01-5	cis-1,3-Dichloropropene	184		10	1.6
79-01-6	Trichloroethene	179		10	2.2
124-48-1	Dibromochloromethane	181		10	2.2
79-00-5	1,1,2-Trichloroethane	181		10	0.80
71-43-2	Benzene	185		10	0.90
10061-02-6	trans-1,3-Dichloropropene	182		10	1.9
75-25-2	Bromoform	186		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	1010		50	6.3
591-78-6	2-Hexanone	957		50	7.2
127-18-4	Tetrachloroethene	185		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	179		10	1.9
108-88-3	Toluene	184		10	2.5
108-90-7	Chlorobenzene	186		10	2.4
100-41-4	Ethylbenzene	193		10	3.0
100-42-5	Styrene	193		10	1.7
179601-23-1	m&p-Xylene	200		10	2.8
95-47-6	o-Xylene	198		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: EW02A-CP-00-031716 MSD Lab Sample ID: 460-110867-10 MSD
 Matrix: Water Lab File ID: A19661.D
 Analysis Method: 8260C Date Collected: 03/15/2016 14:16
 Sample wt/vol: 5 (mL) Date Analyzed: 03/28/2016 18:28
 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.: 359095 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	174		10	3.4
75-65-0	TBA	1850		100	12
1634-04-4	Methyl tert-butyl ether	198		10	1.3
110-82-7	Cyclohexane	196		10	2.6
106-93-4	1,2-Dibromoethane	184		10	1.9
541-73-1	1,3-Dichlorobenzene	186		10	3.3
106-46-7	1,4-Dichlorobenzene	186		10	3.3
95-50-1	1,2-Dichlorobenzene	186		10	2.2
75-71-8	Dichlorodifluoromethane	147		10	1.4
120-82-1	1,2,4-Trichlorobenzene	182		10	2.7
123-91-1	1,4-Dioxane	4550		500	87
87-61-6	1,2,3-Trichlorobenzene	196		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	190		10	2.3
74-97-5	Bromochloromethane	195		10	3.0
98-82-8	Isopropylbenzene	196		10	3.2
79-20-9	Methyl acetate	959		50	5.8
108-87-2	Methylcyclohexane	145		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-137
2037-26-5	Toluene-d8 (Surr)	99		74-120
460-00-4	4-Bromofluorobenzene	103		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\A19661.D
 Lims ID: 460-110867-B-10 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 28-Mar-2016 18:28:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-110867-B-10 MSD
 Misc. Info.: 460-0039079-027
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39079.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 15:09:35 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: starzecm

Date: 28-Mar-2016 21:34:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.590	0.000	90	8928	20.0	13.8	
3 Dichlorodifluoromethane	85	1.615	1.621	-0.006	99	66705	20.0	14.7	
4 Chloromethane	50	1.798	1.804	-0.006	99	116061	20.0	22.4	
5 Vinyl chloride	62	1.895	1.901	-0.006	98	95409	20.0	21.5	
6 Butadiene	54	1.919	1.920	-0.001	98	79116	20.0	18.7	
7 Bromomethane	94	2.224	2.230	-0.006	99	51635	20.0	21.5	
8 Chloroethane	64	2.310	2.316	-0.006	100	48800	20.0	21.7	
9 Dichlorofluoromethane	67	2.517	2.523	-0.006	99	123698	20.0	22.7	
10 Trichlorofluoromethane	101	2.523	2.535	-0.012	86	75072	20.0	20.5	
12 Pentane	72	2.553	2.560	-0.007	97	11610	40.0	27.7	
13 Ethyl ether	59	2.755	2.761	-0.006	95	44454	20.0	19.8	
14 Ethanol	46	2.749	2.773	-0.024	70	8441	800.0	740.7	
15 2-Methyl-1,3-butadiene	53	2.785	2.785	0.000	97	42548	20.0	18.1	
16 1,2-Dichloro-1,1,2-trifluo	117	2.834	2.840	-0.006	96	34698	20.0	20.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.986	2.980	0.006	15	34192	20.0	17.4	
18 1,1-Dichloroethene	96	2.992	3.011	-0.019	86	42383	20.0	19.6	
19 Acetone	43	3.078	3.078	0.000	86	82164	100.0	79.8	
20 Iodomethane	142	3.157	3.163	-0.006	99	68256	20.0	20.0	
22 Isopropyl alcohol	45	3.175	3.169	0.006	96	38911	200.0	292.6	
21 Carbon disulfide	76	3.194	3.194	0.000	100	153825	20.0	17.3	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	92	29707	20.0	19.2	
24 Methyl acetate	43	3.328	3.328	0.000	99	224675	100.0	95.9	
25 Cyclopentene	67	3.340	3.334	0.006	93	124379	20.0	19.1	
26 Acetonitrile	41	3.431	3.438	-0.007	7	68966	200.0	159.7	
* 28 TBA-d9 (IS)	65	3.456	3.456	0.000	0	238658	1000.0	1000.0	
27 Methylene Chloride	84	3.462	3.462	0.000	97	56412	20.0	20.0	
29 2-Methyl-2-propanol	59	3.511	3.505	0.006	96	49894	200.0	185.1	
30 Methyl tert-butyl ether	73	3.620	3.614	0.006	95	143492	20.0	19.8	
31 trans-1,2-Dichloroethene	96	3.626	3.627	-0.001	96	45187	20.0	19.5	
32 Acrylonitrile	53	3.706	3.706	0.000	93	229072	200.0	194.8	
33 Hexane	43	3.773	3.773	0.000	94	35660	20.0	12.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Isopropyl ether	45	3.986	3.980	0.006	92	204522	20.0	20.1	
35 1,1-Dichloroethane	63	4.004	3.998	0.006	99	98773	20.0	19.4	
36 Vinyl acetate	86	4.017	4.017	0.000	100	14952	40.0	38.7	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	94	37268	20.0	20.0	
38 Tert-butyl ethyl ether	59	4.267	4.267	0.000	88	151353	20.0	19.7	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	0	303062	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.456	0.006	87	10856	20.0	19.2	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	88	46453	20.0	19.5	
43 Ethyl acetate	70	4.480	4.474	0.006	95	8453	40.0	37.1	
42 2-Butanone (MEK)	72	4.474	4.480	-0.006	94	23772	100.0	87.5	
44 Methyl acrylate	55	4.523	4.523	0.000	99	43560	20.0	18.1	
45 Propionitrile	54	4.590	4.590	0.000	97	77479	200.0	192.2	
47 Chlorobromomethane	128	4.651	4.651	0.000	93	19844	20.0	19.5	
46 Tetrahydrofuran	72	4.657	4.657	0.000	61	11588	40.0	37.0	
48 Methacrylonitrile	67	4.675	4.675	0.000	97	189681	200.0	189.4	
49 Chloroform	83	4.693	4.693	0.000	97	78412	20.0	19.6	
50 Cyclohexane	56	4.809	4.803	0.006	98	78118	20.0	19.6	
\$ 53 Dibromofluoromethane (Surr	113	4.821	4.821	0.000	94	101100	50.0	50.7	
52 1,1,1-Trichloroethane	97	4.821	4.821	0.000	92	58952	20.0	19.9	
54 Carbon tetrachloride	117	4.913	4.913	0.000	94	48597	20.0	19.4	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	92	59437	20.0	19.1	
56 Isobutyl alcohol	43	5.029	5.023	0.006	96	61393	500.0	451.7	
57 Isooctane	57	5.059	5.059	0.000	99	69498	20.0	16.3	
58 Benzene	78	5.090	5.090	0.000	99	172574	20.0	18.5	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	150259	50.0	49.6	
60 Isopropyl acetate	43	5.132	5.126	0.006	96	178712	20.0	20.6	
61 Tert-amyl methyl ether	73	5.138	5.138	0.000	91	138455	20.0	19.1	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	95	66190	20.0	19.3	
63 n-Heptane	71	5.199	5.199	0.000	95	25995	20.0	11.3	
* 64 Fluorobenzene	96	5.309	5.309	0.000	96	387283	50.0	50.0	
65 n-Butanol	56	5.516	5.523	-0.007	97	26059	500.0	464.6	
66 Trichloroethene	95	5.577	5.571	0.006	93	37414	20.0	17.9	
67 Ethyl acrylate	55	5.663	5.669	-0.006	98	106773	20.0	19.3	
68 Methylcyclohexane	83	5.681	5.681	0.000	83	46106	20.0	14.5	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	93	50374	20.0	18.6	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	18634	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	18112	40.0	36.9	
73 1,4-Dioxane	88	5.900	5.901	0.000	28	7990	400.0	454.7	
72 n-Propyl acetate	43	5.900	5.901	0.000	98	76965	20.0	18.8	
74 Dibromomethane	93	5.919	5.913	0.006	88	25910	20.0	18.4	
75 Dichlorobromomethane	83	6.035	6.035	0.000	97	55451	20.0	18.6	
77 2-Nitropropane	41	6.327	6.327	0.000	99	21987	40.0	31.9	
78 Epichlorohydrin	57	6.419	6.419	0.000	100	90483	400.0	379.1	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	96	65046	20.0	18.4	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.595	0.000	98	286845	100.0	100.9	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	97	373434	50.0	49.6	
82 Toluene	91	6.723	6.724	-0.001	92	163231	20.0	18.4	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	57734	20.0	18.2	
84 Ethyl methacrylate	69	6.973	6.967	0.006	95	53747	20.0	18.7	
85 1,1,2-Trichloroethane	83	7.107	7.108	-0.001	92	30633	20.0	18.1	
86 Tetrachloroethene	166	7.150	7.144	0.006	88	28400	20.0	18.5	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	64215	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 2-Hexanone	43	7.278	7.272	0.006	99	177357	100.0	95.7	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	10713	20.0	17.8	
90 Chlorodibromomethane	129	7.394	7.388	0.006	94	32518	20.0	18.1	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	32077	20.0	18.4	
* 92 Chlorobenzene-d5	117	7.790	7.784	0.006	93	256746	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	90	96000	20.0	18.6	
94 Ethylbenzene	106	7.851	7.851	0.000	99	53632	20.0	19.3	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.864	-0.001	92	33901	20.0	18.6	
96 m-Xylene & p-Xylene	106	7.930	7.931	-0.001	98	67393	20.0	20.0	
97 n-Butyl acrylate	73	8.150	8.150	0.000	94	30544	20.0	18.0	
98 o-Xylene	106	8.187	8.187	0.000	92	69491	20.0	19.8	
99 Styrene	104	8.205	8.205	0.000	93	109998	20.0	19.3	
100 Amyl acetate (mixed isomer)	43	8.284	8.290	-0.006	87	112450	20.0	19.2	
101 Bromoform	173	8.345	8.345	0.000	90	18095	20.0	18.6	
102 Isopropylbenzene	105	8.400	8.406	-0.006	97	177095	20.0	19.6	
\$ 103 4-Bromofluorobenzene	174	8.528	8.534	-0.006	78	90605	50.0	51.4	
104 Bromobenzene	156	8.619	8.619	0.000	89	36167	20.0	17.8	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.626	-0.007	98	53178	20.0	17.9	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	234526	20.0	19.4	
107 1,2,3-Trichloropropane	110	8.656	8.662	-0.006	93	14111	20.0	19.7	
108 trans-1,4-Dichloro-2-buten	53	8.662	8.662	0.000	71	13630	20.0	28.0	
109 4-Ethyltoluene	105	8.711	8.711	0.000	97	187700	20.0	20.1	
110 2-Chlorotoluene	91	8.717	8.723	-0.006	96	163638	20.0	19.5	
111 1,3,5-Trimethylbenzene	105	8.741	8.748	-0.007	92	152111	20.0	19.9	
112 Butyl Methacrylate	87	8.784	8.784	0.000	71	58963	20.0	19.8	
113 4-Chlorotoluene	91	8.784	8.790	-0.006	97	139427	20.0	19.6	
114 tert-Butylbenzene	119	8.924	8.930	-0.006	89	110519	20.0	18.5	
115 1,2,4-Trimethylbenzene	105	8.955	8.967	-0.012	98	160158	20.0	19.7	
116 sec-Butylbenzene	105	9.046	9.052	-0.006	98	185163	20.0	18.7	
117 4-Isopropyltoluene	119	9.119	9.132	-0.013	96	153771	20.0	18.8	
118 1,3-Dichlorobenzene	146	9.144	9.150	-0.006	91	75330	20.0	18.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.193	-0.013	96	137200	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.205	-0.006	88	78298	20.0	18.6	
121 Benzyl chloride	91	9.278	9.290	-0.012	97	82062	20.0	16.1	
122 2,3-Dihydroindene	117	9.327	9.333	-0.006	92	177558	20.0	19.5	
123 p-Diethylbenzene	119	9.339	9.351	-0.012	91	101634	20.0	20.0	
124 n-Butylbenzene	92	9.357	9.363	-0.006	96	96074	20.0	20.3	
125 1,2-Dichlorobenzene	146	9.424	9.430	-0.006	91	76673	20.0	18.6	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.845	-0.012	96	141277	20.0	18.3	
127 1,2-Dibromo-3-Chloropropan	75	9.930	9.942	-0.012	84	10270	20.0	19.0	
128 1,3,5-Trichlorobenzene	180	10.028	10.034	-0.006	93	49858	20.0	18.3	
129 1,2,4-Trichlorobenzene	180	10.509	10.515	-0.006	91	43458	20.0	18.2	
130 Hexachlorobutadiene	225	10.582	10.595	-0.013	91	16596	20.0	19.7	
131 Naphthalene	128	10.735	10.747	-0.012	98	123945	20.0	20.3	
132 1,2,3-Trichlorobenzene	180	10.942	10.954	-0.012	93	38196	20.0	19.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 134 Xylenes, Total	100				0		40.0	39.8	
S 135 Total BTEX	1				0		100.0	96.0	

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39079.b\\A19661.D

Injection Date: 28-Mar-2016 18:28:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-110867-B-10 MSD

Worklist Smp#: 27

Client ID:

Purge Vol: 5.000 mL

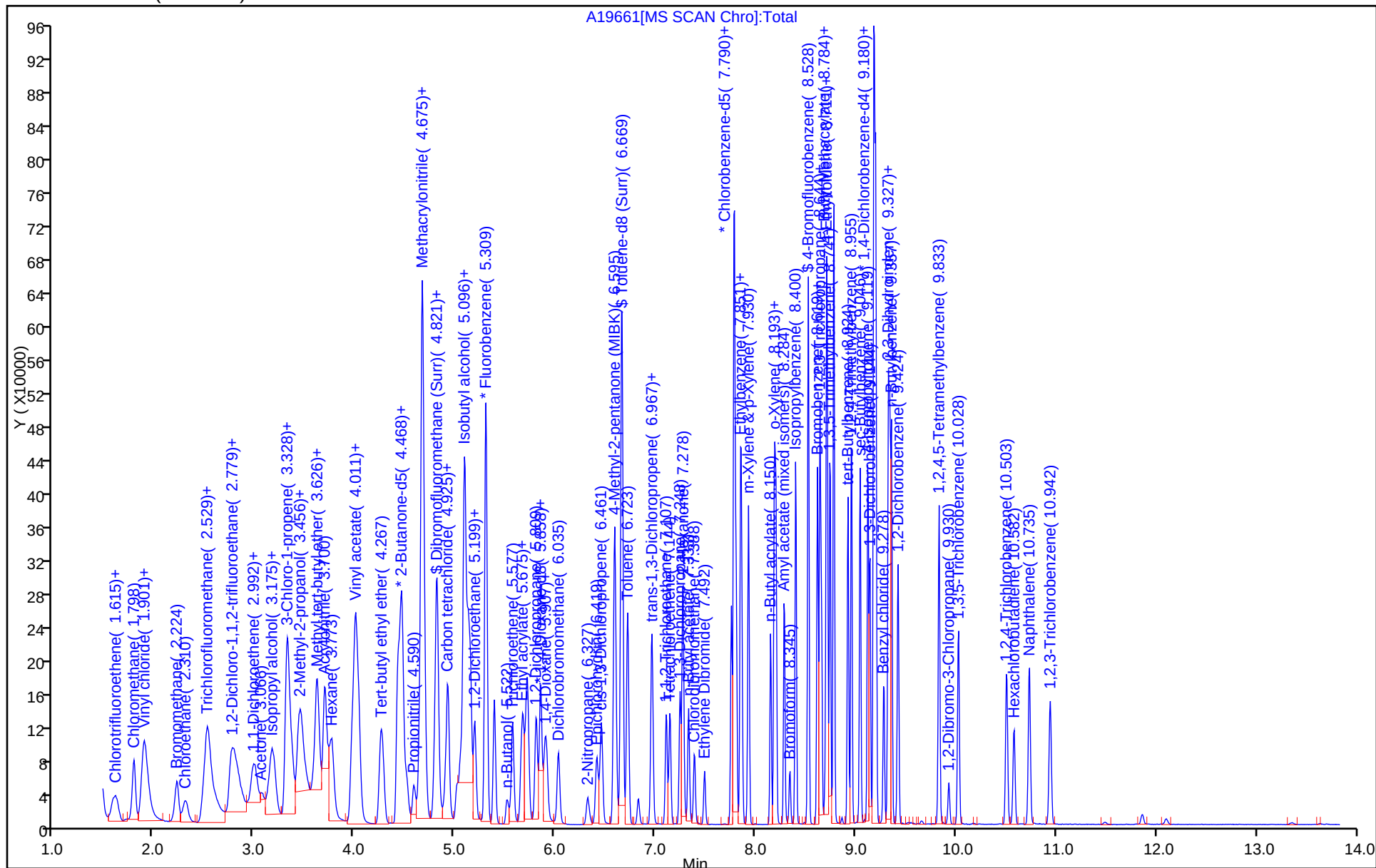
Dil. Factor: 10.0000

ALS Bottle#: 26

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-110867-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-111146-B-2 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>A19680.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>03/27/2016 11:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>03/29/2016 01:39</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>359204</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	190		10	2.2
74-83-9	Bromomethane	185		10	1.8
75-01-4	Vinyl chloride	191		10	0.60
75-00-3	Chloroethane	185		10	3.7
75-09-2	Methylene Chloride	185		10	2.1
67-64-1	Acetone	799		50	11
75-15-0	Carbon disulfide	167		10	2.2
75-69-4	Trichlorofluoromethane	209		10	1.5
75-35-4	1,1-Dichloroethene	186		10	3.4
75-34-3	1,1-Dichloroethane	184		10	2.4
156-60-5	trans-1,2-Dichloroethene	188		10	1.8
156-59-2	cis-1,2-Dichloroethene	183		10	2.6
67-66-3	Chloroform	192		10	2.2
107-06-2	1,2-Dichloroethane	190		10	2.5
78-93-3	2-Butanone	887		50	22
71-55-6	1,1,1-Trichloroethane	187		10	2.8
56-23-5	Carbon tetrachloride	183		10	3.3
75-27-4	Bromodichloromethane	176		10	1.5
78-87-5	1,2-Dichloropropane	175		10	1.8
10061-01-5	cis-1,3-Dichloropropene	183		10	1.6
79-01-6	Trichloroethene	175		10	2.2
124-48-1	Dibromochloromethane	173		10	2.2
79-00-5	1,1,2-Trichloroethane	179		10	0.80
71-43-2	Benzene	182		10	0.90
10061-02-6	trans-1,3-Dichloropropene	181		10	1.9
75-25-2	Bromoform	173		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	928		50	6.3
591-78-6	2-Hexanone	890		50	7.2
127-18-4	Tetrachloroethene	190		10	1.2
79-34-5	1,1,2,2-Tetrachloroethane	176		10	1.9
108-88-3	Toluene	177		10	2.5
108-90-7	Chlorobenzene	180		10	2.4
100-41-4	Ethylbenzene	187		10	3.0
100-42-5	Styrene	185		10	1.7
179601-23-1	m&p-Xylene	186		10	2.8
95-47-6	o-Xylene	187		10	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-110867-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-111146-B-2 MSD
 Matrix: Water Lab File ID: A19680.D
 Analysis Method: 8260C Date Collected: 03/27/2016 11:45
 Sample wt/vol: 5 (mL) Date Analyzed: 03/29/2016 01:39
 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.: 359204 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	211		10	3.4
75-65-0	TBA	1900		100	12
1634-04-4	Methyl tert-butyl ether	187		10	1.3
110-82-7	Cyclohexane	226		10	2.6
106-93-4	1,2-Dibromoethane	180		10	1.9
541-73-1	1,3-Dichlorobenzene	181		10	3.3
106-46-7	1,4-Dichlorobenzene	179		10	3.3
95-50-1	1,2-Dichlorobenzene	179		10	2.2
75-71-8	Dichlorodifluoromethane	200		10	1.4
120-82-1	1,2,4-Trichlorobenzene	177		10	2.7
123-91-1	1,4-Dioxane	4130		500	87
87-61-6	1,2,3-Trichlorobenzene	193		10	3.5
96-12-8	1,2-Dibromo-3-Chloropropane	188		10	2.3
74-97-5	Bromochloromethane	193		10	3.0
98-82-8	Isopropylbenzene	183		10	3.2
79-20-9	Methyl acetate	1010		50	5.8
108-87-2	Methylcyclohexane	178		10	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		70-137
2037-26-5	Toluene-d8 (Surr)	76		74-120
460-00-4	4-Bromofluorobenzene	77		70-131
1868-53-7	Dibromofluoromethane (Surr)	77		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\A19680.D
 Lims ID: 460-111146-B-2 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 29-Mar-2016 01:39:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-111146-B-2 MSD
 Misc. Info.: 460-0039108-015
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160328-39108.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Mar-2016 13:48:34 Calib Date: 25-Mar-2016 08:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160325-38955.b\A19543.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: desais

Date: 29-Mar-2016 11:09:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.590	0.000	90	12879	20.0	19.6	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	92084	20.0	20.0	
4 Chloromethane	50	1.810	1.810	0.000	99	99507	20.0	19.0	
5 Vinyl chloride	62	1.907	1.901	0.006	98	85752	20.0	19.1	
6 Butadiene	54	1.926	1.926	0.000	99	79973	20.0	18.6	
7 Bromomethane	94	2.237	2.236	0.001	99	45096	20.0	18.5	
8 Chloroethane	64	2.322	2.316	0.006	100	42158	20.0	18.5	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	104926	20.0	19.0	
10 Trichlorofluoromethane	101	2.535	2.535	0.000	73	77536	20.0	20.9	
12 Pentane	72	2.572	2.560	0.012	97	15515	40.0	36.5	
13 Ethyl ether	59	2.767	2.767	0.000	91	42419	20.0	18.6	
14 Ethanol	46	2.779	2.773	0.006	79	11814	800.0	973.3	
15 2-Methyl-1,3-butadiene	53	2.798	2.797	0.001	98	41417	20.0	17.4	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.840	0.012	97	35546	20.0	20.3	
17 1,1,2-Trichloro-1,2,2-trif	101	2.993	2.992	0.001	91	42366	20.0	21.1	
18 1,1-Dichloroethene	96	2.999	3.011	-0.012	95	40806	20.0	18.6	
19 Acetone	43	3.102	3.084	0.018	86	87247	100.0	79.9	
20 Iodomethane	142	3.163	3.163	0.000	99	65314	20.0	18.8	
22 Isopropyl alcohol	45	3.212	3.175	0.037	1	58455	200.0	418.2	
21 Carbon disulfide	76	3.200	3.194	0.006	100	150378	20.0	16.7	
23 3-Chloro-1-propene	76	3.328	3.322	0.006	90	28632	20.0	18.2	
26 Acetonitrile	41	3.419	3.322	0.097	1	89597	200.0	194.4	
24 Methyl acetate	43	3.340	3.334	0.006	99	239701	100.0	101.0	
25 Cyclopentene	67	3.346	3.346	0.000	91	132865	20.0	20.2	
* 28 TBA-d9 (IS)	65	3.474	3.468	0.006	0	254681	1000.0	1000.0	
27 Methylene Chloride	84	3.462	3.468	-0.006	96	52804	20.0	18.5	
29 2-Methyl-2-propanol	59	3.554	3.529	0.025	93	54597	200.0	189.8	
11 Acrolein	56	3.627	3.626	0.001	30	9929	40.0	61.5	
30 Methyl tert-butyl ether	73	3.627	3.633	-0.006	97	137823	20.0	18.7	
31 trans-1,2-Dichloroethene	96	3.633	3.633	0.000	98	44300	20.0	18.8	
32 Acrylonitrile	53	3.718	3.706	0.012	94	228243	200.0	191.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.779	3.779	0.000	94	53011	20.0	18.3	
34 Isopropyl ether	45	3.986	3.992	-0.006	94	194498	20.0	18.9	
35 1,1-Dichloroethane	63	4.011	4.011	0.000	99	95067	20.0	18.4	
36 Vinyl acetate	86	4.023	4.023	0.000	100	15702	40.0	40.0	
37 2-Chloro-1,3-butadiene	88	4.047	4.047	0.000	93	36202	20.0	19.1	
38 Tert-butyl ethyl ether	59	4.273	4.267	0.006	88	144073	20.0	18.5	
* 39 2-Butanone-d5	46	4.437	4.437	0.000	0	321469	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.462	0.000	93	10548	20.0	18.5	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	88	44340	20.0	18.3	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	94	25542	100.0	88.7	
43 Ethyl acetate	70	4.486	4.480	0.006	92	8632	40.0	35.7	
44 Methyl acrylate	55	4.529	4.529	0.000	56	41459	20.0	17.0	
45 Propionitrile	54	4.602	4.596	0.006	98	79433	200.0	194.4	
47 Chlorobromomethane	128	4.657	4.657	0.000	93	19929	20.0	19.3	
46 Tetrahydrofuran	72	4.657	4.657	0.000	65	12223	40.0	36.8	
48 Methacrylonitrile	67	4.681	4.675	0.006	97	193837	200.0	190.9	
49 Chloroform	83	4.694	4.693	0.001	97	77799	20.0	19.2	
50 Cyclohexane	56	4.809	4.809	0.000	98	91256	20.0	22.6	
52 1,1,1-Trichloroethane	97	4.822	4.815	0.007	95	56314	20.0	18.7	
\$ 53 Dibromofluoromethane (Surr	113	4.828	4.821	0.007	94	78012	50.0	38.6	
54 Carbon tetrachloride	117	4.919	4.913	0.006	94	46600	20.0	18.3	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	91	60086	20.0	19.0	
57 Isooctane	57	5.065	5.059	0.006	98	96123	20.0	22.3	
56 Isobutyl alcohol	43	5.035	5.065	-0.030	97	72196	500.0	497.7	
51 2,4,4-Trimethyl-1-pentene	57	5.065	5.065	0.000	89	96603		NC	
58 Benzene	78	5.096	5.096	0.000	99	167881	20.0	18.2	
\$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	0	118032	50.0	38.4	
60 Isopropyl acetate	43	5.132	5.132	0.000	95	170142	20.0	19.4	
61 Tert-amyl methyl ether	73	5.145	5.138	0.007	92	142856	20.0	19.5	
62 1,2-Dichloroethane	62	5.163	5.163	0.000	95	66257	20.0	19.0	
63 n-Heptane	71	5.200	5.199	0.001	96	39207	20.0	16.8	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	392550	50.0	50.0	
65 n-Butanol	56	5.523	5.522	0.001	96	27750	500.0	463.7	
66 Trichloroethene	95	5.578	5.577	0.001	92	37165	20.0	17.5	
67 Ethyl acrylate	55	5.669	5.669	0.000	97	137807	20.0	24.5	
68 Methylcyclohexane	83	5.681	5.687	-0.006	84	57388	20.0	17.8	
69 1,2-Dichloropropane	63	5.815	5.815	0.000	92	48051	20.0	17.5	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	0	19665	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.858	0.000	94	17945	40.0	36.1	
73 1,4-Dioxane	88	5.895	5.894	0.001	27	7666	400.0	413.4	
72 n-Propyl acetate	43	5.901	5.894	0.007	98	77257	20.0	18.6	
74 Dibromomethane	93	5.919	5.919	0.000	87	25310	20.0	17.7	
75 Dichlorobromomethane	83	6.035	6.035	0.000	98	53174	20.0	17.6	
76 2-Chloroethyl vinyl ether	63	6.321	6.315	0.006	93	1449	20.0	0.9420	
77 2-Nitropropane	41	6.327	6.327	0.000	99	22910	40.0	32.8	
78 Epichlorohydrin	57	6.419	6.419	0.000	99	94553	400.0	373.4	
79 cis-1,3-Dichloropropene	75	6.461	6.461	0.000	99	64239	20.0	18.3	
80 4-Methyl-2-pentanone (MIBK	43	6.596	6.595	0.001	98	279952	100.0	92.8	
\$ 81 Toluene-d8 (Surr)	98	6.669	6.669	0.000	97	284148	50.0	38.0	
82 Toluene	91	6.724	6.723	0.001	92	155899	20.0	17.7	
83 trans-1,3-Dichloropropene	75	6.961	6.961	0.000	96	56893	20.0	18.1	
84 Ethyl methacrylate	69	6.974	6.973	0.001	93	51289	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	91	30054	20.0	17.9	
86 Tetrachloroethene	166	7.144	7.144	0.000	91	28948	20.0	19.0	
87 1,3-Dichloropropane	76	7.248	7.248	0.000	97	62167	20.0	17.8	
88 2-Hexanone	43	7.272	7.272	0.000	99	174935	100.0	89.0	
89 n-Butyl acetate	73	7.333	7.333	0.000	97	10859	20.0	18.2	
90 Chlorodibromomethane	129	7.388	7.388	0.000	95	30982	20.0	17.3	
91 Ethylene Dibromide	107	7.492	7.492	0.000	97	31034	20.0	18.0	
* 92 Chlorobenzene-d5	117	7.790	7.790	0.000	93	254743	50.0	50.0	
93 Chlorobenzene	112	7.809	7.809	0.000	89	92117	20.0	18.0	
94 Ethylbenzene	106	7.851	7.851	0.000	99	51595	20.0	18.7	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.863	0.001	91	32559	20.0	18.0	
96 m-Xylene & p-Xylene	106	7.931	7.930	0.001	98	62157	20.0	18.6	
97 n-Butyl acrylate	73	8.150	8.150	0.000	95	29665	20.0	17.6	
98 o-Xylene	106	8.187	8.187	0.000	92	64967	20.0	18.7	
99 Styrene	104	8.205	8.205	0.000	92	104234	20.0	18.5	
100 Amyl acetate (mixed isomer)	43	8.284	8.284	0.000	88	104667	20.0	18.1	
101 Bromoform	173	8.345	8.345	0.000	93	16779	20.0	17.3	
102 Isopropylbenzene	105	8.400	8.400	0.000	98	164261	20.0	18.3	
\$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	66934	50.0	38.3	
104 Bromobenzene	156	8.620	8.619	0.001	90	35278	20.0	17.7	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.619	0.001	98	51463	20.0	17.6	
106 N-Propylbenzene	91	8.644	8.644	0.000	98	220248	20.0	18.5	
107 1,2,3-Trichloropropane	110	8.656	8.662	-0.006	93	13282	20.0	18.8	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.662	-0.006	75	13001	20.0	27.2	
109 4-Ethyltoluene	105	8.705	8.711	-0.006	97	169777	20.0	18.5	
110 2-Chlorotoluene	91	8.717	8.717	0.000	96	151829	20.0	18.4	
111 1,3,5-Trimethylbenzene	105	8.742	8.747	-0.005	91	144460	20.0	19.2	
112 Butyl Methacrylate	87	8.778	8.784	-0.006	97	54885	20.0	18.8	
113 4-Chlorotoluene	91	8.784	8.784	0.000	99	130722	20.0	18.6	
114 tert-Butylbenzene	119	8.924	8.924	0.000	90	105766	20.0	17.9	
115 1,2,4-Trimethylbenzene	105	8.955	8.961	-0.006	99	149425	20.0	18.7	
116 sec-Butylbenzene	105	9.046	9.046	0.000	98	179460	20.0	18.4	
117 4-Isopropyltoluene	119	9.120	9.125	-0.005	96	147216	20.0	18.3	
118 1,3-Dichlorobenzene	146	9.144	9.144	0.000	91	72092	20.0	18.1	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.186	-0.006	97	134997	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.199	9.199	0.000	88	74113	20.0	17.9	
121 Benzyl chloride	91	9.278	9.284	-0.006	97	88921	20.0	17.7	
122 2,3-Dihydroindene	117	9.327	9.333	-0.006	94	169249	20.0	18.8	
123 p-Diethylbenzene	119	9.339	9.345	-0.006	92	96596	20.0	19.3	
124 n-Butylbenzene	92	9.357	9.363	-0.006	97	90632	20.0	19.5	
125 1,2-Dichlorobenzene	146	9.424	9.424	0.000	92	72522	20.0	17.9	
126 1,2,4,5-Tetramethylbenzene	119	9.833	9.839	-0.006	96	132530	20.0	17.4	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.936	-0.012	84	10024	20.0	18.8	
128 1,3,5-Trichlorobenzene	180	10.022	10.028	-0.006	92	47543	20.0	17.7	
129 1,2,4-Trichlorobenzene	180	10.503	10.509	-0.006	91	41482	20.0	17.7	
130 Hexachlorobutadiene	225	10.577	10.589	-0.011	83	15686	20.0	19.0	
131 Naphthalene	128	10.729	10.741	-0.012	98	109367	20.0	18.2	
132 1,2,3-Trichlorobenzene	180	10.942	10.948	-0.006	92	36911	20.0	19.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 134 Xylenes, Total	100				0		40.0	37.3	
S 135 Total BTEX	1				0		100.0	91.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00146	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00034	Amount Added: 20.00	Units: uL	
ACROLEIN W_00049	Amount Added: 4.00	Units: uL	
8260ISNEW_00065	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00120	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS1\\20160328-39108.b\\A19680.D

Injection Date: 29-Mar-2016 01:39:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-111146-B-2 MSD

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

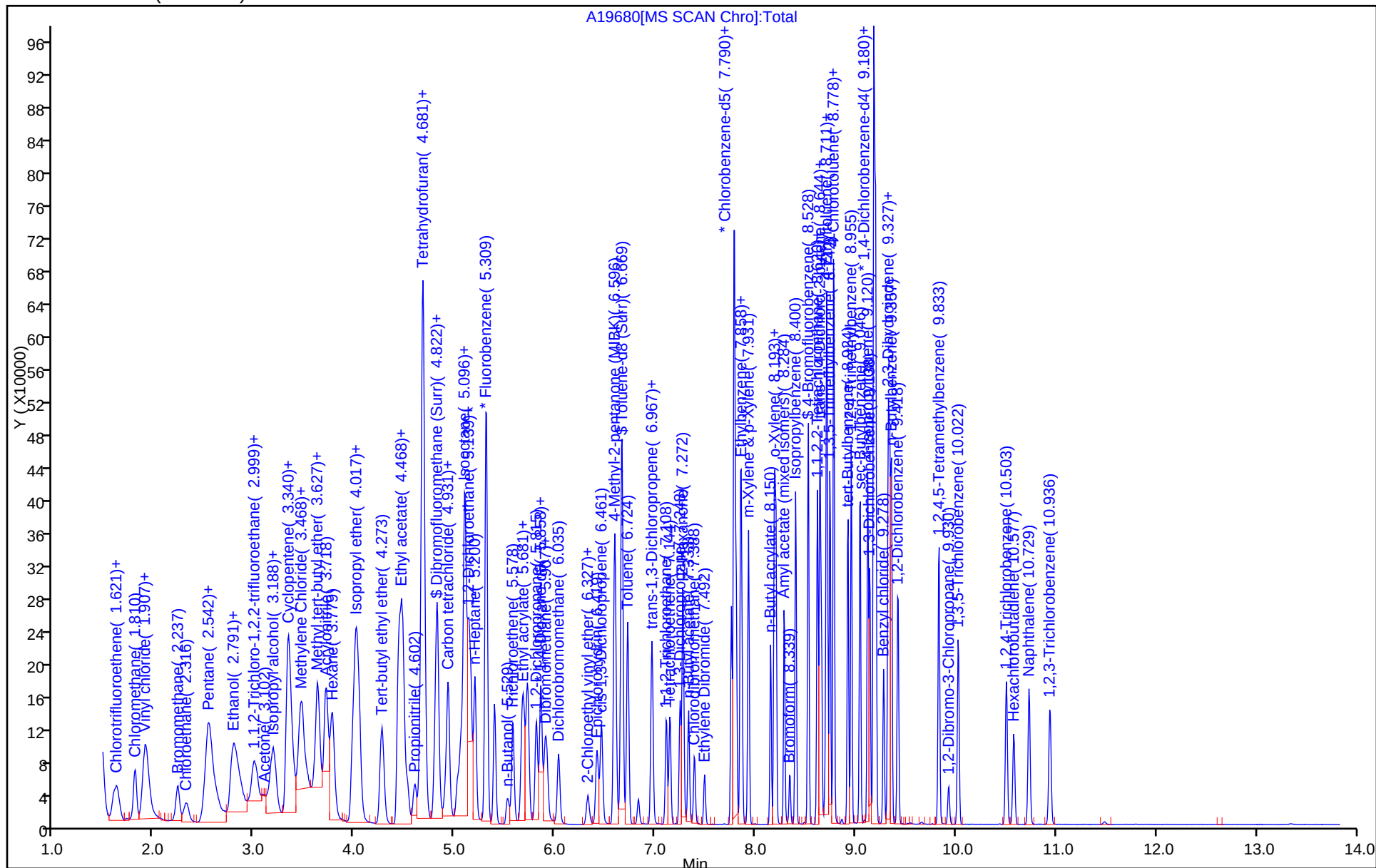
Dil. Factor: 10.0000

ALS Bottle#: 14

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 03/25/2016 05:05Analysis Batch Number: 358573 End Date: 03/25/2016 10:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-358573/1		03/25/2016 05:05	1	A19533.D	Rtx-624 0.25 (mm)
STD7 460-358573/4 IC		03/25/2016 06:15	1	A19536.D	Rtx-624 0.25 (mm)
STD1 460-358573/6 IC		03/25/2016 06:58	1	A19538.D	Rtx-624 0.25 (mm)
STD5 460-358573/7 IC		03/25/2016 07:20	1	A19539.D	Rtx-624 0.25 (mm)
STD20 460-358573/8 ICIS		03/25/2016 07:42	1	A19540.D	Rtx-624 0.25 (mm)
STD50 460-358573/9 IC		03/25/2016 08:04	1	A19541.D	Rtx-624 0.25 (mm)
STD200 460-358573/10 IC		03/25/2016 08:26	1	A19542.D	Rtx-624 0.25 (mm)
STD500 460-358573/11 IC		03/25/2016 08:48	1	A19543.D	Rtx-624 0.25 (mm)
ICV 460-358573/15		03/25/2016 10:15	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 03/26/2016 06:41Analysis Batch Number: 358833 End Date: 03/26/2016 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-358833/1		03/26/2016 06:41	1	A19580.D	Rtx-624 0.25 (mm)
CCVIS 460-358833/2		03/26/2016 07:05	1	A19581.D	Rtx-624 0.25 (mm)
LCS 460-358833/3		03/26/2016 07:39	1	A19582.D	Rtx-624 0.25 (mm)
ZZZZZ		03/26/2016 08:17	1		Rtx-624 0.25 (mm)
MB 460-358833/7		03/26/2016 09:22	1	A19586.D	Rtx-624 0.25 (mm)
ZZZZZ		03/26/2016 09:56	1		Rtx-624 0.25 (mm)
ZZZZZ		03/26/2016 10:17	1		Rtx-624 0.25 (mm)
460-110867-1		03/26/2016 10:39	1	A19589.D	Rtx-624 0.25 (mm)
460-110867-2		03/26/2016 11:01	1	A19590.D	Rtx-624 0.25 (mm)
460-110867-3		03/26/2016 11:22	1	A19591.D	Rtx-624 0.25 (mm)
460-110867-12		03/26/2016 12:28	1	A19594.D	Rtx-624 0.25 (mm)
460-110867-13		03/26/2016 12:49	1	A19595.D	Rtx-624 0.25 (mm)
460-110867-14		03/26/2016 13:10	1	A19596.D	Rtx-624 0.25 (mm)
460-110867-15		03/26/2016 13:32	1	A19597.D	Rtx-624 0.25 (mm)
460-110867-16		03/26/2016 13:54	1	A19598.D	Rtx-624 0.25 (mm)
460-110867-17		03/26/2016 14:16	1	A19599.D	Rtx-624 0.25 (mm)
460-110867-18		03/26/2016 14:38	1	A19600.D	Rtx-624 0.25 (mm)
460-110867-19		03/26/2016 14:59	1	A19601.D	Rtx-624 0.25 (mm)
460-110867-20		03/26/2016 15:20	1	A19602.D	Rtx-624 0.25 (mm)
460-110867-21		03/26/2016 15:42	1	A19603.D	Rtx-624 0.25 (mm)
460-110867-22		03/26/2016 16:04	1	A19604.D	Rtx-624 0.25 (mm)
460-110867-23		03/26/2016 16:25	1	A19605.D	Rtx-624 0.25 (mm)
460-110867-27		03/26/2016 16:47	1	A19606.D	Rtx-624 0.25 (mm)
460-110867-1 MS		03/26/2016 17:09	10	A19607.D	Rtx-624 0.25 (mm)
460-110867-1 MSD		03/26/2016 17:30	10	A19608.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-110867-1

SDG No.: _____

Instrument ID: CVOAMS1Start Date: 03/28/2016 07:51Analysis Batch Number: 359095End Date: 03/28/2016 18:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-359095/1		03/28/2016 07:51	1	A19635.D	Rtx-624 0.25 (mm)
CCVIS 460-359095/3		03/28/2016 09:28	1	A19637.D	Rtx-624 0.25 (mm)
LCS 460-359095/4		03/28/2016 10:06	1	A19638.D	Rtx-624 0.25 (mm)
MB 460-359095/7		03/28/2016 11:12	1	A19641.D	Rtx-624 0.25 (mm)
460-110867-10		03/28/2016 11:36	1	A19642.D	Rtx-624 0.25 (mm)
460-110867-11		03/28/2016 11:57	1	A19643.D	Rtx-624 0.25 (mm)
460-110867-31		03/28/2016 12:19	1	A19644.D	Rtx-624 0.25 (mm)
460-110867-4		03/28/2016 12:41	1	A19645.D	Rtx-624 0.25 (mm)
460-110867-5		03/28/2016 13:03	1	A19646.D	Rtx-624 0.25 (mm)
460-110867-6		03/28/2016 13:24	1	A19647.D	Rtx-624 0.25 (mm)
460-110867-7		03/28/2016 13:46	1	A19648.D	Rtx-624 0.25 (mm)
460-110867-8		03/28/2016 14:08	1	A19649.D	Rtx-624 0.25 (mm)
460-110867-9		03/28/2016 14:30	1	A19650.D	Rtx-624 0.25 (mm)
460-110867-24		03/28/2016 14:51	1	A19651.D	Rtx-624 0.25 (mm)
460-110867-25		03/28/2016 15:13	1	A19652.D	Rtx-624 0.25 (mm)
460-110867-26		03/28/2016 15:35	1	A19653.D	Rtx-624 0.25 (mm)
460-110867-28		03/28/2016 15:56	1	A19654.D	Rtx-624 0.25 (mm)
460-110867-30		03/28/2016 16:40	1	A19656.D	Rtx-624 0.25 (mm)
460-110867-10 MS		03/28/2016 18:07	10	A19660.D	Rtx-624 0.25 (mm)
460-110867-10 MSD		03/28/2016 18:28	10	A19661.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-110867-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 03/28/2016 20:17Analysis Batch Number: 359204 End Date: 03/29/2016 06:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-359204/1		03/28/2016 20:17	1	A19666.D	Rtx-624 0.25 (mm)
CCVIS 460-359204/2		03/28/2016 20:44	1	A19667.D	Rtx-624 0.25 (mm)
LCS 460-359204/3		03/28/2016 21:10	1	A19668.D	Rtx-624 0.25 (mm)
MB 460-359204/7		03/28/2016 22:44	1	A19672.D	Rtx-624 0.25 (mm)
ZZZZZ		03/28/2016 23:06	1		Rtx-624 0.25 (mm)
ZZZZZ		03/28/2016 23:28	1		Rtx-624 0.25 (mm)
ZZZZZ		03/28/2016 23:50	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 00:12	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 00:34	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 00:55	1		Rtx-624 0.25 (mm)
460-111146-B-2 MS		03/29/2016 01:17	10	A19679.D	Rtx-624 0.25 (mm)
460-111146-B-2 MSD		03/29/2016 01:39	10	A19680.D	Rtx-624 0.25 (mm)
460-110867-29		03/29/2016 02:45	1	A19683.D	Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 03:07	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 03:28	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 03:50	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 04:12	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 04:33	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 04:55	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 05:39	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 06:01	1		Rtx-624 0.25 (mm)
ZZZZZ		03/29/2016 06:44	5		Rtx-624 0.25 (mm)

Shipping and Receiving Documents

TestAmerica Edison

777 New Durham Rd
Edison, NJ 08817

Phone (732) 593-2554

Client Contact:

Peter Takach

Company:

HDR, Inc - Clarendon GWTP

Address:

505 Winding Road

City, State, Zip:

Old Bethpage, NY 11804

Phone:

516-777-7242 Fax: 516-777-7243

Email:

peter.takach@hdrinc.com

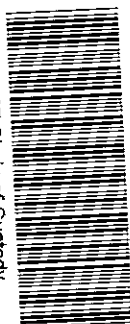
Project Name/Location (State):

Clarendon Polychemical Superfund Site (NY)

SSOW#: n/a

Chain of Custody

460-110867 Chain of Custody



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

COC Number:

CPS-GW-02-031716

Page 1 of 4

Shipment Notes:

TA-NY pick up

Task No.: 03

Groundwater sampling

TAT Required (business days):
10 days

Deliverable Type (Report/EDD):
NVSDEC-EDD, HDR-EDD

Sample Disposal: [] Return to Client
[X] Disposal by Lab
[] Archive for ___ Months
(A fee may be assessed if samples are retained for longer than 1 month)

State Regulatory QC Criteria Requirements:

Unpreserved

H2SO4

HNO3

HCL

NaOH

Other

Volatiles (VOA)

Metals (AES/MS)

Analysis (Attach list if more space is needed)

Comments

field sample, tags 407-409

field sample, tags 410-412

field sample, tags 413-415

field sample, tags 416-418

field sample, tags 416-421

field sample, tags 422-424

field duplicate, tags 425-427

field sample, tags 428-430

field sample, tags 431-433

field sample, tags 434-436

Relinquished by:

James S Jackson

Date/Time:

3-17-16

Company:

HDR

Received by:

Ben Dunn

Date/Time:

3-17-16

Company:

PA66

Relinquished by:

Date/Time:

3-17-16

Company:

Comments:

1-7/2.7 EPH 8

Revision Level: A

NOC, J

Issue Date: 10-27-11

110867

TestAmerica Edison777 New Durham Rd.
Edison, NJ 08817

Phone (732)-593-2554

Client Contact:
Peter TakachCompany:
HDR, Inc. - Claremont GWTPAddress:
505 Winding RoadCity, State, Zip:
Old Bethpage, NY 11804Phone:
516-777-7242 Fax: 516-777-7243Email:
peter.takach@hdrinc.comProject Name/State Location (State):
Claremont Polychemical Superfund Site (NY)

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

Chain of Custody Record**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TAT Required (business days):
10 daysDeliverable Type (Report/EDD):
NYSDEC-EDD, HDR-EDDSample Disposal: [] Return to Client
[X] Archive for ___ Months
(A fee may be assessed if samples are retained for longer than 1 month)State Regulatory QC Criteria
Requirements:

No. of Containers/Preservatives

Unpreserved

H2SO4

HNO3

HCL

NaOH

Other

Volatiles (VOA)

Metals (AES/MS)

Analysis (Attach list if more space is needed)

Lab PM/Contact:
Melissa Haas 732-593-2554

Lab Job Number (Lab Use Only):

Passed Rad Screen (Lab Use Only):
[] Yes [] No

Cooler Temperatures (Lab Use Only):

Shipments Notes:
TANY pick up

Task No.: 03

Groundwater sampling

COC Number:
CPS-GW-02-031716

Page 2 of 4

Comments: formerly an HRP Associates-NYSDEC project

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-Water/Oil, O-Other	MS/MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	Other	Volatiles (VOA)	Metals (AES/MS)	Analysis (Attach list if more space is needed)	Comments

11	EW02B-CP-00-031716	3/15/16	14:07	AQ	No			3				3			field sample, tags 437-439

12	EW02C-CP-00-031716	3/15/16	14:00	AQ	No			3				3			field sample, tags 440-442

13	EW02D-CP-00-031716	3/15/16	13:51	AQ	No			3				3			field sample, tags 443-445

14	EW04A-CP-00-031716	3/14/16	12:46	AQ	No			3				3			field sample, tags 446-448

15	EW04B-CP-00-031716	3/14/16	12:41	AQ	No			3				3			field sample, tags 449-499

16	EW04C-CP-00-031716	3/14/16	12:36	AQ	No			3				3			field sample, tags 452-454

17	EW04D-CP-00-031716	3/14/16	12:28	AQ	No			3				3			field sample, tags 455-457

18	EW05-CP-00-031716	3/16/16	10:20	AQ	No			3				3			field sample, tags 458-460

19	EW07C-CP-00-031716	3/15/16	14:43	AQ	No			3				3			field sample, tags 461-463

20	EW07D-CP-00-031716	3/15/16	14:34	AQ	No			3				3			field sample, tags 464-466

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~~03/29/2016~~

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-110867-1

Login Number: 110867
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

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	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7°C, IR #6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	See NCM
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.